Business Plan Data Templates

(Version 1.0)

DNO Name: **SPN**

Reporting price base: **Price base (2012/13)**

Related Party 1	Networks Ltd
Related Party 2	Contracting
Related Party 3	EFS
Related Party 4	Transport
Related Party 5	Corporate
Related Party 6	Energy Sourcing & Customer Supply
Related Party 7	Nuclear Branch
Related Party 8	London Captive Insurance
Related Party 9	Development
Related Party 10	IT
Related Party 11	- none -
Related Party 12	- none -
Related Party 13	- none -
Related Party 14	- none -
Related Party 15	- none -

	Input cells
	Totals cells (of formula within worksheet)
	Referencing to other worksheets
	Referencing to other workbooks
	Check cells
	No Input
	Descriptions and pack data

DNO Name [DNO]
WMID
EMID
ENWL
NPgN
NPgY
SWALES
SWEST
LPN
SPN
SPN
SPD
SPMW
SSEH
SSES

Navigation
SPN
Price base (2012/13)

Cover
Navigation
M1a - Model inputs ex ante and uncertainty
M1b - Model inputs ex ante only
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T1 - Total pensions
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C1 - Costs Matrix 2012
C1 - Costs Matrix 2013
C1 - Costs Matrix 2014
C1 - Costs Matrix 2015
C1 - Costs Matrix 2016
C1 - Costs Matrix 2017
C1 - Costs Matrix 2018
C1 - Costs Matrix 2019
C1 - Costs Matrix 2020
C1 - Costs Matrix 2021
C1 - Costs Matrix 2022
C1 - Costs Matrix 2023
CS1 - Check Sheet
CS2 - Cross check sheet
C4 - RAV
C5 - Summary - Tax Pool & Se
F12 Tax allocations
C8 - Related Party Cross Sub
C10 - NI Summary
C21 - IFI & LCNF
C26 - NOCs Other
C27 - Summary-Non Price Control
C28 - RS and excluded services
C28a - Cust-funded connection
C29 - Legacy Metering
C30 - Out Of Area Networks
C31 - de minimis
C32 - Other (cons) activities
C33 - Atypicals 2011
C33 - Atypicals 2012
C33 - Atypicals 2013
C33 - Atypicals 2014
C33 - Atypicals 2015
C34 - Non Activity Based Costs
C36 - Indirects
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CV1b - Diversions: rail electrification
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CV3 - Asset Replacement
CV4 - Asset_Repl_(Memo)
CV5 - Refurbishment
CV6 - Civil Works
CV7 - Undergrounding Des Areas
CV8 - Legal & Safety
CV9a - High Value Proj (ex ant)
CV9b - High Value Proj (Re-ope)
CV10 - BT21CN
CV11 - Resilience
CV12 - Environmental Reporting
CV13 - I&M
CV14 - Tree_Cutting
CV15a - MTP all incidents
CV15b - ONIs
CV17 - Connections Summary
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CV102 - Reinforcement (LIs)
CV103 - Reinforcement (LCTs)
CV104 - Reinforcement schemes
CV105 - Operational IT & Tele
CV106 - QoS & WSC: Ex ante
CV106b - QoS DNO funded
CV107-Atyp-Sev Weath 1-in-20
CV108 - TCP
CV109 - Smart Meters
CV110 - Rising Lateral Mains
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V2 - AR - Connection projects
V3 - AR - Gen Reinforcement
V4a - AR - Other Movements
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V5 - AR - Age profile
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V10a - MTP sev weather EEs only
V10b-MTP sev weather 1in20 only
V11 - MTP excluding all EEs
V12 - BCF
V14 - RPZ
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CM5 - Op Training - Non Cost
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CM14 - Property Cost
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CM15 - Streetworks (Re-ope)
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CM21 - Metal Theft
CM102 - IT&T Memo
CM103 - Social MEMO
CM104 - Innovation MEMO
CM105- HI Probs.of Failure
HI1 - HI Data DPCR5 View
HI2 - HI data Total
HI3 - HI data - Asset Repl
HI4 - HI data - Refurb
HI5 - HI data - General Reinfor
HI6 - HI data - Faults
HI7 - HI Data - HVP
HI8 - Average criticality
CN2 - DPCR5 Completed mtd conns
CN3 - DPCR5 Completed DG conns
PE101 - RPEs & efficiency
S1 - Scenarios ED1 Period

M1a: Total expenditure - net costs after allocation for RAV - ex ante and uncertainty
SPN
Price base (2012/13)

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4	DPCR5					RIIO-ED1								#	#
Non-variant costs (excluding RPEs)																	
Load related capex	£m		30.44	17.34	18.44	17.88	30.00	-	-	-	-	-	-	-	-	114.1	-
Non-load related capex - asset replacement	£m		68.23	62.12	61.59	58.07	68.40	57.89	66.57	62.14	61.86	60.21	59.37	55.33	53.14	318.4	476.5
Non-load related capex - other	£m		8.15	15.00	20.05	22.05	18.71	13.91	18.64	16.08	14.94	15.10	13.76	15.73	14.22	84.0	122.4
Faults	£m		35.83	33.61	32.99	39.81	24.06	22.87	22.50	22.21	22.07	21.96	21.95	22.27	22.49	166.3	178.3
Tree cutting	£m		7.62	7.76	7.94	6.30	7.07	8.23	8.24	8.25	8.25	8.30	8.19	8.10	7.99	36.7	65.6
Pensions and other	£m		9.08	12.29	8.55	8.61	11.67	11.93	11.67	11.17	10.71	10.16	9.59	8.78	8.15	50.2	82.2
Controllable opex	£m		94.52	83.28	71.64	80.08	81.40	79.26	77.73	75.30	74.37	72.60	71.36	71.57	70.21	410.9	592.4
Total	£m		**253.87**	**231.40**	**221.19**	**232.80**	**241.32**	**194.09**	**205.35**	**195.16**	**192.19**	**188.32**	**184.22**	**181.78**	**176.21**	**1,180.58**	**1,517.32**
Non-variant costs RPEs																	
Load related capex	£m					(0.04)	(0.09)	-	-	-	-	-	-	-	-	-0.1	-
Non-load related capex - asset replacement	£m					(0.13)	(0.21)	0.35	1.03	1.54	2.13	2.66	3.20	3.53	3.93	-0.3	18.4
Non-load related capex - other	£m					(0.05)	(0.06)	0.08	0.29	0.40	0.51	0.67	0.74	1.00	1.05	-0.1	4.7
Faults	£m					(0.14)	(0.12)	0.14	0.40	0.65	0.90	1.16	1.42	1.72	2.01	-0.3	8.4
Tree cutting	£m					(0.02)	(0.04)	0.05	0.15	0.24	0.34	0.44	0.53	0.62	0.71	-0.1	3.1
Pensions and other	£m					(0.03)	(0.05)	0.07	0.20	0.32	0.42	0.52	0.60	0.65	0.70	-0.1	3.5
Controllable opex	£m					(0.27)	(0.42)	0.49	1.37	2.20	3.05	3.84	4.63	5.52	6.28	-0.7	27.4
Total	£m		**-**	**-**	**-**	**-0.67**	**-0.99**	**1.20**	**3.43**	**5.35**	**7.36**	**9.28**	**11.13**	**13.04**	**14.68**	**-1.66**	**65.46**
Total non-variant	£m		**253.87**	**231.40**	**221.19**	**232.12**	**240.32**	**195.29**	**208.78**	**200.51**	**199.55**	**197.59**	**195.35**	**194.82**	**190.88**	**1,178.91**	**1,582.79**
Variant costs (excluding RPEs)																	
Load																	
Load related capex	£m							26.58	34.70	35.77	26.27	21.41	21.15	27.84	25.88		219.6
Pensions and other	£m							0.26	0.32	0.31	0.23	0.19	0.19	0.25	0.23		2.0
CNI																	
Non-load related capex - asset replacement	£m							2.50	-	-	2.50	3.00	1.00	-	-		9.0
Pensions and other	£m							-	-	-	-	-	-	-	-		-
High Value Projects																	
Load related capex	£m							-	-	-	-	-	-	-	-		-
Non-load related capex - asset replacement	£m							5.13	6.23	6.16	5.71	4.72	2.81	-	-		30.8
Non-load related capex - other	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							0.04	0.04	0.04	0.04	0.03	0.02	-	-		0.2
Controllable opex	£m							-	-	-	-	-	-	-	-		-
Undergrounding																	
Non-load related capex - other	£m							1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73		13.8
Pensions and other	£m							-	-	-	-	-	-	-	-		-
Worst served customers																	
Non-load related capex - other	£m							0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34		2.8
Pensions and other	£m							0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.0
Smart metering roll out costs																	
Pensions and other	£m							0.14	0.24	0.30	0.33	0.33	0.24				1.6
Controllable opex	£m							1.06	1.78	2.29	2.50	2.48	1.80				11.9
Streetworks - reopener																	
Load related capex	£m							0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.25		2.0
Non-load related capex - asset replacement	£m							0.06	0.09	0.07	0.02	0.03	0.04	0.05	0.07		0.4
Faults	£m							0.15	0.14	0.14	0.15	0.15	0.15	0.15	0.14		1.2
Pensions and other	£m							0.48	0.48	0.48	0.47	0.48	0.48	0.48	0.48		3.8
Controllable opex	£m							0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.1
Rail Electrification																	
Non-load related capex - asset replacement	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							-	-	-	-	-	-	-	-		-
Total variant costs (excluding RPEs)																	
Load related capex	£m							**26.83**	**34.96**	**36.01**	**26.51**	**21.65**	**21.40**	**28.08**	**26.13**		221.6
Non-load related capex - asset replacement	£m							**7.69**	**6.32**	**6.22**	**8.23**	**7.75**	**3.86**	**0.05**	**0.07**		40.2
Non-load related capex - other	£m							**2.07**	**2.07**	**2.07**	**2.07**	**2.07**	**2.07**	**2.07**	**2.07**		16.6
Faults	£m							**0.15**	**0.14**	**0.14**	**0.15**	**0.15**	**0.15**	**0.15**	**0.14**		1.2
Tree cutting	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							**0.93**	**1.08**	**1.14**	**1.09**	**1.04**	**0.93**	**0.73**	**0.72**		7.7
Controllable opex	£m							**1.08**	**1.80**	**2.30**	**2.51**	**2.49**	**1.82**	**0.01**	**0.01**		12.0
Variant costs RPEs																	
Load																	
Load related capex	£m							0.16	0.54	0.89	0.90	0.94	1.14	1.78	1.91		8.3
Pensions and other	£m							0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02		0.1
CNI																	
Non-load related capex - asset replacement	£m							0.02	-	-	0.09	0.13	0.05	-	-		0.3
Pensions and other	£m							-	-	-	-	-	-	-	-		-
High Value Projects																	
Load related capex	£m							-	-	-	-	-	-	-	-		-
Non-load related capex - asset replacement	£m							0.03	0.10	0.15	0.20	0.21	0.15	-	-		0.8
Non-load related capex - other	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							0.00	0.00	0.00	0.00	0.00	0.00	-	-		0.0
Controllable opex	£m							-	-	-	-	-	-	-	-		-
Undergrounding																	
Non-load related capex - other	£m							0.01	0.03	0.04	0.06	0.08	0.09	0.11	0.13		0.5
Pensions and other	£m							-	-	-	-	-	-	-	-		-
Worst served customers																	
Non-load related capex - other	£m							0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.03		0.1
Pensions and other	£m							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.0
Smart metering roll out costs																	
Pensions and other	£m							0.00	0.00	0.01	0.01	0.02	0.02				0.1
Controllable opex	£m							0.01	0.03	0.07	0.10	0.13	0.12				0.5
Streetworks - reopener																	
Load related capex	£m							0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02		0.1
Non-load related capex - asset replacement	£m							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01		0.0
Faults	£m							0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01		0.1
Pensions and other	£m							0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04		0.2
Controllable opex	£m							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.0
Rail Electrification																	
Non-load related capex - asset replacement	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							-	-	-	-	-	-	-	-		-
Total variant costs RPEs																	
Load related capex	£m							**0.16**	**0.54**	**0.90**	**0.91**	**0.95**	**1.15**	**1.79**	**1.93**		8.3
Non-load related capex - asset replacement	£m							**0.05**	**0.10**	**0.15**	**0.28**	**0.34**	**0.21**	**0.00**	**0.01**		1.1
Non-load related capex - other	£m							**0.01**	**0.03**	**0.05**	**0.07**	**0.09**	**0.11**	**0.13**	**0.15**		0.7
Faults	£m							**0.00**	**0.00**	**0.00**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**		0.1
Tree cutting	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							**0.01**	**0.02**	**0.03**	**0.04**	**0.05**	**0.06**	**0.05**	**0.06**		0.3
Controllable opex	£m							**0.01**	**0.03**	**0.07**	**0.10**	**0.13**	**0.12**	**0.00**	**0.00**		0.5
Total variant costs (including RPEs)																	
Load related capex	£m							**27.00**	**35.49**	**36.91**	**27.42**	**22.61**	**22.55**	**29.88**	**28.06**		**229.91**
Non-load related capex - asset replacement	£m							**7.74**	**6.41**	**6.38**	**8.52**	**8.09**	**4.07**	**0.06**	**0.08**		**41.34**
Non-load related capex - other	£m							**2.09**	**2.11**	**2.12**	**2.14**	**2.16**	**2.18**	**2.21**	**2.23**		**17.24**
Faults	£m							**0.15**	**0.15**	**0.15**	**0.16**	**0.16**	**0.16**	**0.16**	**0.16**		**1.22**
Tree cutting	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							**0.93**	**1.10**	**1.18**	**1.13**	**1.09**	**0.99**	**0.78**	**0.78**		**7.98**
Controllable opex	£m							**1.08**	**1.83**	**2.37**	**2.62**	**2.62**	**1.93**	**0.01**	**0.01**		**12.48**
Non Price Control - connections																	
Element of connection that is Sole Use funded	£m		0.03	0.82	6.34	0.31	(0.08)	(0.95)	(0.79)	(0.59)	(0.47)	(0.30)	(0.25)	(0.17)	(0.05)	7.4	-3.6
Connection projects UMC	£m		0.07	0.25	0.33	0.06	(0.06)	(0.21)	(0.18)	(0.14)	(0.12)	(0.10)	(0.09)	(0.08)	(0.06)	0.6	-1.0
Total non controllable opex																	
Wheeled Units Imported	£m		-	-	1.43	1.45	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	4.4	11.9
Business Rates	£m		9.23	10.52	12.60	15.34	15.87	15.87	15.87	15.87	15.87	15.87	15.87	15.87	15.87	63.5	127.0
Ofgem Licence Fee	£m		0.97	1.14	1.29	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	5.9	10.1
Shetland Balancing Costs	£m		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental Ring Fence Compliance Costs	£m		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DCC Licence Fee	£m		-	-	-	0.26	0.26	0.43	0.43	0.43	0.43	0.43	0.43	-	-	0.5	2.6

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
DPCR4	DPCR5					RIIO-ED1								#	#

Ongoing Indirect/IT and data services - Subject to pass through (excluding DCC licence fee)	£m	-	-	-	0.67	1.43	1.30	0.45	0.78	1.17	0.60	1.27	-	-	2.1	5.6
Pass through - Transmission connection point charges	£m	10.25	10.28	11.17	12.51	13.37	13.26	14.64	16.00	15.95	16.39	16.69	16.92	17.13	57.6	127.0
Other non activity based costs (excluding pension established deficit repair and contingent pension asse	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**20.45**	**21.94**	**26.50**	**31.48**	**33.68**	**33.60**	**34.13**	**35.83**	**36.16**	**36.03**	**37.00**	**35.54**	**35.75**	**134.04**	**284.05**
Directly remunerated services - costs																
Diversionary works under obligation (ES2)	£m	(4.90)	(3.23)	(2.78)	(2.06)	(2.05)	(1.91)	(1.87)	(1.97)	(1.98)	(1.98)	(1.99)	(1.99)	(1.99)	-15.0	-15.7
Work required by any alteration premises (ES3)	£m	(2.40)	(3.27)	(2.51)	(1.69)	(1.68)	(1.56)	(1.53)	(1.61)	(1.62)	(1.62)	(1.62)	(1.63)	(1.63)	-11.5	-12.8
Top up standby and enhanced system security (ES4)	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Revenue protection services (ES5)	£m	(1.82)	(1.13)	(0.73)	(0.90)	(0.90)	(0.84)	(0.83)	(0.87)	(0.87)	(0.87)	(0.86)	(0.86)	(0.86)	-5.5	-6.9
Metering services (non legacy) (ES6)	£m	(1.26)	(0.70)	(0.20)	-	-	-	-	-	-	-	-	-	-	-2.2	-
Metering services (legacy)	£m	(1.77)	(0.01)	(0.04)	-	-	-	-	-	-	-	-	-	-	-1.8	-
Metering services associated with the SM roll out	£m	-	-	-	-	(0.00)	(0.02)	(0.06)	(0.11)	(0.14)	(0.16)	(0.15)	(0.11)	-	-0.0	-0.7
De minimis activities	£m	(3.55)	(3.09)	(7.35)	(5.09)	(4.16)	(2.28)	(0.43)	-	-	-	-	-	-	-23.2	-2.7
Out of area networks	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other consented activities	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**-15.70**	**-11.43**	**-13.60**	**-9.74**	**-8.82**	**-6.65**	**-4.78**	**-4.59**	**-4.62**	**-4.63**	**-4.59**	**-4.48**	**-4.48**	**-59.29**	**-38.81**
Directly remunerated services - revenue																
Diversionary works under obligation (ES2)	£m	5.64	3.73	2.88	2.15	2.15	2.16	2.19	2.20	2.21	2.22	2.23	2.23	2.24	16.6	17.7
Work required by any alteration premises (ES3)	£m	2.07	3.14	2.62	1.76	1.76	1.77	1.79	1.80	1.81	1.82	1.82	1.83	1.83	11.3	14.5
Top up standby and enhanced system security (ES4)	£m	2.10	1.92	1.91	2.00	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	10.0	16.8
Revenue protection services (ES5)	£m	0.20	0.33	0.47	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	2.2	4.6
Metering services (non legacy) (ES6)	£m	3.61	2.59	2.39	2.06	1.91	1.39	1.01	0.70	0.38	0.11	0.01	-	-	12.6	3.6
Metering services (legacy)	£m	4.87	4.94	4.63	3.82	3.28	2.60	2.07	1.59	1.04	0.56	0.12	-	-	21.5	8.0
Metering services associated with the SM roll out	£m	-	-	-	0.00	0.02	0.06	0.11	0.14	0.16	0.15	0.11	-	-	0.0	0.7
De minimis activities	£m	-	-	3.93	5.09	4.16	2.28	0.43	-	-	-	-	-	-	13.2	2.7
Out of area networks	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other consented activities	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**18.49**	**16.66**	**18.82**	**17.45**	**15.96**	**12.93**	**10.28**	**9.11**	**8.27**	**7.55**	**6.97**	**6.74**	**6.75**	**87.38**	**68.59**
Excluded services																
Excluded Services Miscellaneous (ES7)	£m	0.19	0.11	0.04	0.05	0.05	-	-	-	-	-	-	-	-	0.4	-
Sale of fixed assets and scrap																
Sale of fixed assets and scrap	£m	1.27	0.76	0.88	-	-	-	-	-	-	-	-	-	-	2.9	-

Variant cost allocations

Load (% allocation to different cost categories)														
Load related capex	%						99.0%	99.1%	99.1%	99.1%	99.1%	99.1%	99.1%	99.1%
Non-load related capex - asset replacement	%													
Non-load related capex - other	%													
Faults														
Tree cutting	%													
Pensions and other	%						1.0%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%
Controllable opex	%													
							OK	OK	OK	OK	OK	OK	OK	OK
CNI (% allocation to different cost categories)														
Load related capex	%													
Non-load related capex - asset replacement	%						100.0%	90.8%	90.8%	100.0%	100.0%	100.0%	92.2%	92.6%
Non-load related capex - other	%													
Faults														
Tree cutting	%													
Pensions and other	%						0.0%	9.2%	9.2%	0.0%	0.0%	0.0%	7.8%	7.4%
Controllable opex	%													
							OK	OK	OK	OK	OK	OK	OK	OK
High value projects (% allocation to different cost categories)														
Load related capex	%						0%	0%	0%	0%	0%	0%	0%	0%
Non-load related capex - asset replacement	%						99%	99%	99%	99%	99%	99%	0%	0%
Non-load related capex - other	%						0%	0%	0%	0%	0%	0%	0%	0%
Faults														
Tree cutting	%													
Pensions and other	%						1%	1%	1%	1%	1%	1%	0%	0%
Controllable opex	%						0%	0%	0%	0%	0%	0%	0%	0%
							OK	OK	OK	OK	OK	OK	Error	Error
Undergrounding (% allocation to different cost categories)														
Load related capex	%													
Non-load related capex - asset replacement	%													
Non-load related capex - other	%						100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Faults														
Tree cutting	%													
Pensions and other	%						0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Controllable opex	%													
							OK	OK	OK	OK	OK	OK	OK	OK
Worst served customers (% allocation to different cost categories)														
Load related capex	%													
Non-load related capex - asset replacement	%													
Non-load related capex - other	%						98.4%	98.4%	98.4%	98.4%	98.4%	98.4%	98.4%	98.4%
Faults														
Tree cutting	%													
Pensions and other	%						1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%
Controllable opex	%													
							OK	OK	OK	OK	OK	OK	OK	OK
Smart metering roll out (% allocation to different cost categories)														
Load related capex	%													
Non-load related capex - asset replacement	%													
Non-load related capex - other	%													
Faults														
Tree cutting	%													
Pensions and other	%						11.9%	11.8%	11.7%	11.7%	11.7%	11.7%		
Controllable opex	%						88.1%	88.2%	88.3%	88.3%	88.3%	88.3%		
							OK	OK	OK	OK	OK	OK		
Specified streetworks - reopener (% allocation to different cost categories)														
Load related capex	%						27%	26%	26%	27%	26%	26%	26%	26%
Non-load related capex - asset replacement	%						6%	9%	7%	3%	3%	5%	6%	7%
Non-load related capex - other	%													
Faults	%						16%	15%	15%	17%	16%	16%	16%	15%
Tree cutting	%													
Pensions and other	%						50%	49%	51%	53%	52%	52%	51%	51%
Controllable opex	%						1%	1%	1%	1%	1%	1%	1%	1%
							OK	OK	OK	OK	OK	OK	OK	OK
Rail Electrification (% allocation to different cost categories)														
Load related capex	%													
Non-load related capex - asset replacement	%						99%	99%	99%	99%	99%	99%	99%	99%
Non-load related capex - other	%													
Faults	%													
Tree cutting	%													
Pensions and other	%						1%	1%	1%	1%	1%	1%	1%	1%
Controllable opex	%													
							OK	OK	OK	OK	OK	OK	OK	OK

Checks

Values in T1 sheet													
Non Variant	244.79	219.11	212.65	224.30	230.10	217.84	237.26	229.03	218.81	210.12	201.75	201.19	194.28
Variant	-	-	-	-	-	2.55	2.56	2.54	2.50	2.51	2.52	2.53	2.55
Directly remunerated services - costs	15.14	11.15	13.31	9.45	8.53	6.43	4.61	4.42	4.45	4.46	4.42	4.33	4.33
Directly remunerated services - revenue	18.49	16.66	18.82	17.45	15.96	12.93	10.28	9.11	8.27	7.55	6.97	6.74	6.75
ES7	0.19	0.11	0.04	0.05	0.05	-	-	-	-	-	-	-	-
Non-controllable	20.45	21.94	26.50	31.48	33.68	33.60	34.13	35.83	36.16	36.03	37.00	35.54	35.75
Values in T1 sheet													
Non Variant	9.08	12.29	8.55	8.61	11.67	11.93	11.67	11.17	10.71	10.16	9.59	8.78	8.15
Variant	-	-	-	-	-	0.48	0.48	0.48	0.47	0.48	0.48	0.48	0.48
Directly remunerated services - costs	0.56	0.28	0.29	0.29	0.29	0.22	0.17	0.17	0.17	0.17	0.16	0.15	0.15
Directly remunerated services - revenue													
ES7	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-controllable	-	-	-	-	-	-	-	-	-	-	-	-	-
Values in M1 sheet													
Non Variant	253.87	231.40	221.19	232.80	241.32	194.09	205.35	195.16	192.19	188.32	184.22	181.78	176.21
Variant	-	-	-	-	-	38.75	46.37	47.89	40.56	35.15	30.23	31.10	29.15
Directly remunerated services - costs	15.70	11.43	13.60	9.74	8.82	6.65	4.78	4.59	4.62	4.63	4.59	4.48	4.48
Directly remunerated services - revenue	18.49	16.66	18.82	17.45	15.96	12.93	10.28	9.11	8.27	7.55	6.97	6.74	6.75
ES7	0.19	0.11	0.04	0.05	0.05	-	-	-	-	-	-	-	-
Non-controllable	20.45	21.94	26.50	31.48	33.68	33.60	34.13	35.83	36.16	36.03	37.00	35.54	35.75
Everything correct?													
Non Variant	OK	OK	OK	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error
Variant	OK	OK	OK	OK	OK	Error	Error	Error	Error	Error	Error	Error	Error
Directly remunerated services - costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Directly remunerated services - revenue	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
ES7	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Non-controllable	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

M1a: Total expenditure - net costs after allocation for RAV - ex ante only
SPN
Price base (2012/13)

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4	DPCR5					RIIO-ED1								#	#
Non-variant costs (excluding RPEs)																	
Load related capex	£m		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-load related capex - asset replacement	£m		65.46	56.91	56.59	56.39	63.89	57.89	66.57	62.14	61.86	60.21	59.37	55.33	53.14	299.2	476.5
Non-load related capex - other	£m		7.34	14.81	19.34	19.76	16.53	13.91	18.64	16.08	14.94	15.10	13.76	15.73	14.22	77.8	122.4
Faults	£m		35.83	33.61	32.99	39.81	24.06	22.87	22.50	22.21	22.07	21.96	21.95	22.27	22.49	166.3	178.3
Tree cutting	£m		7.62	7.76	7.94	6.30	7.07	8.23	8.24	8.25	8.25	8.30	8.19	8.10	7.99	36.7	65.6
Pensions and other	£m		9.08	12.29	8.55	8.61	11.67	11.93	11.67	11.17	10.71	10.16	9.59	8.78	8.15	50.2	82.2
Controllable opex	£m		94.52	83.28	71.64	80.08	81.40	79.26	77.73	75.30	74.37	72.60	71.36	71.57	70.21	410.9	592.4
Total	£m		**219.85**	**208.66**	**197.04**	**210.95**	**204.62**	**194.09**	**205.35**	**195.16**	**192.19**	**188.32**	**184.22**	**181.78**	**176.21**	**1,041.13**	**1,517.32**
Non-variant costs RPEs																	
Load related capex	£m					-	-	-	-	-	-	-	-	-	-	-	-
Non-load related capex - asset replacement	£m					(0.12)	(0.20)	0.35	1.03	1.54	2.13	2.66	3.20	3.53	3.93	-0.3	18.4
Non-load related capex - other	£m					(0.04)	(0.05)	0.08	0.29	0.40	0.51	0.67	0.74	1.00	1.05	-0.1	4.7
Faults	£m					(0.14)	(0.12)	0.14	0.40	0.65	0.90	1.16	1.42	1.72	2.01	-0.3	8.4
Tree cutting	£m					(0.02)	(0.04)	0.05	0.15	0.24	0.34	0.44	0.53	0.62	0.71	-0.1	3.1
Pensions and other	£m					(0.03)	(0.05)	0.07	0.20	0.32	0.42	0.52	0.60	0.65	0.70	-0.1	3.5
Controllable opex	£m					(0.27)	(0.42)	0.49	1.37	2.20	3.05	3.84	4.63	5.52	6.28	-0.7	27.4
Total	£m		**-**	**-**	**-**	**-0.62**	**-0.88**	**1.20**	**3.43**	**5.35**	**7.36**	**9.28**	**11.13**	**13.04**	**14.68**	**-1.50**	**65.46**
Total non-variant	£m		**219.85**	**208.66**	**197.04**	**210.33**	**203.74**	**195.29**	**208.78**	**200.51**	**199.55**	**197.59**	**195.35**	**194.82**	**190.88**	**1,039.63**	**1,582.79**
Variant costs (excluding RPEs)																	
Load																	
Load related capex	£m							26.58	34.70	35.77	26.27	21.41	21.15	27.84	25.88		219.6
Pensions and other	£m							0.26	0.32	0.31	0.23	0.19	0.19	0.25	0.23		2.0
CNI																	
Non-load related capex - asset replacement	£m							2.50	-	-	2.50	3.00	1.00	-	-		9.0
Pensions and other	£m							-	-	-	-	-	-	-	-		-
High Value Projects																	
Load related capex	£m							-	-	-	-	-	-	-	-		-
Non-load related capex - asset replacement	£m							5.13	6.23	6.16	5.71	4.72	2.81	-	-		30.8
Non-load related capex - other	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							0.04	0.04	0.04	0.04	0.03	0.02	-	-		0.2
Controllable opex	£m							-	-	-	-	-	-	-	-		-
Undergrounding																	
Non-load related capex - other	£m																-
Pensions and other	£m																-
Worst served customers																	
Non-load related capex - other	£m																-
Pensions and other	£m																-
Smart metering roll out costs																	
Pensions and other	£m							0.14	0.24	0.30	0.33	0.33	0.24				1.6
Controllable opex	£m							1.06	1.78	2.29	2.50	2.48	1.80				11.9
Streetworks - reopener																	
Load related capex	£m																-
Non-load related capex - asset replacement	£m																-
Faults	£m																-
Pensions and other	£m																-
Controllable opex	£m																-
Rail Electrification																	
Non-load related capex - asset replacement	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							-	-	-	-	-	-	-	-		-
Total variant costs (excluding RPEs)																	
Load related capex	£m							**26.58**	**34.70**	**35.77**	**26.27**	**21.41**	**21.15**	**27.84**	**25.88**		219.6
Non-load related capex - asset replacement	£m							**7.63**	**6.23**	**6.16**	**8.21**	**7.72**	**3.81**	**-**	**-**		39.8
Non-load related capex - other	£m							**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		-
Faults	£m							**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		-
Tree cutting	£m																-
Pensions and other	£m							**0.44**	**0.60**	**0.66**	**0.61**	**0.56**	**0.45**	**0.25**	**0.23**		3.8
Controllable opex	£m							**1.06**	**1.78**	**2.29**	**2.50**	**2.48**	**1.80**	**-**	**-**		11.9
Variant costs RPEs																	
Load																	
Load related capex	£m							0.16	0.54	0.89	0.90	0.94	1.14	1.78	1.91		8.3
Pensions and other	£m							0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02		0.1
CNI																	
Non-load related capex - asset replacement	£m							0.02	-	-	0.09	0.13	0.05	-	-		0.3
Pensions and other	£m							-	-	-	-	-	-	-	-		-
High Value Projects																	
Load related capex	£m							-	-	-	-	-	-	-	-		-
Non-load related capex - asset replacement	£m							0.03	0.10	0.15	0.20	0.21	0.15	-	-		0.8
Non-load related capex - other	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							0.00	0.00	0.00	0.00	0.00	0.00	-	-		0.0
Controllable opex	£m							-	-	-	-	-	-	-	-		-
Undergrounding																	
Non-load related capex - other	£m																-
Pensions and other	£m																-
Worst served customers																	
Non-load related capex - other	£m																-
Pensions and other	£m																-
Smart metering roll out costs																	
Pensions and other	£m							0.00	0.00	0.01	0.01	0.02	0.02				0.1
Controllable opex	£m							0.01	0.03	0.07	0.10	0.13	0.12				0.5
Streetworks - reopener																	
Load related capex	£m																-
Non-load related capex - asset replacement	£m																-
Faults	£m																-
Pensions and other	£m																-
Controllable opex	£m																-
Rail Electrification																	
Non-load related capex - asset replacement	£m							-	-	-	-	-	-	-	-		-
Pensions and other	£m							-	-	-	-	-	-	-	-		-
Total variant costs RPEs																	
Load related capex	£m							**0.16**	**0.54**	**0.89**	**0.90**	**0.94**	**1.14**	**1.78**	**1.91**		8.3
Non-load related capex - asset replacement	£m							**0.05**	**0.10**	**0.15**	**0.28**	**0.34**	**0.21**	**-**	**-**		1.1
Non-load related capex - other	£m							**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		-
Faults	£m							**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		-
Tree cutting	£m																-
Pensions and other	£m							**0.00**	**0.01**	**0.02**	**0.02**	**0.03**	**0.03**	**0.02**	**0.02**		0.1
Controllable opex	£m							**0.01**	**0.03**	**0.07**	**0.10**	**0.13**	**0.12**	**-**	**-**		0.5
Total variant costs (including RPEs)																	
Load related capex	£m							**26.74**	**35.24**	**36.66**	**27.17**	**22.36**	**22.30**	**29.62**	**27.79**		**227.87**
Non-load related capex - asset replacement	£m							**7.68**	**6.33**	**6.31**	**8.49**	**8.06**	**4.02**	**-**	**-**		**40.89**
Non-load related capex - other	£m							**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		**-**
Faults	£m							**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		**-**
Tree cutting	£m							**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		**-**
Pensions and other	£m							**0.45**	**0.61**	**0.68**	**0.63**	**0.58**	**0.48**	**0.26**	**0.25**		**3.93**
Controllable opex	£m							**1.07**	**1.82**	**2.35**	**2.60**	**2.61**	**1.92**	**-**	**-**		**12.37**
Non Price Control - connections																	
Element of connection that is Sole Use funded	£m		0.03	0.82	6.34	0.31	(0.08)	(0.95)	(0.79)	(0.59)	(0.47)	(0.30)	(0.25)	(0.17)	(0.05)	7.4	-3.6
Connection projects UMC	£m		0.07	0.25	0.33	0.06	(0.06)	(0.21)	(0.18)	(0.14)	(0.12)	(0.10)	(0.09)	(0.08)	(0.06)	0.6	-1.0
Total non controllable opex																	
Wheeled Units Imported	£m		-	-	1.43	1.45	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	4.4	11.9
Business Rates	£m		9.23	10.52	12.60	15.34	15.87	15.87	15.87	15.87	15.87	15.87	15.87	15.87	15.87	63.5	127.0
Ofgem Licence Fee	£m		0.97	1.14	1.29	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	5.9	10.1
Shetland Balancing Costs	£m		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental Ring Fence Compliance Costs	£m		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DCC Licence Fee	£m		-	-	-	0.26	0.26	0.43	0.43	0.43	0.43	0.43	0.43	-	-	0.5	2.6

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
DPCR4	DPCR5					RIIO-ED1								#	#

Ongoing Indirect/IT and data services - Subject to pass through (excluding DCC licence fee)	£m	-	-	-	0.67	1.43	1.30	0.45	0.78	1.17	0.60	1.27	-	-	2.1	5.6
Pass through - Transmission connection point charges	£m	10.25	10.28	11.17	12.51	13.37	13.26	14.64	16.00	15.95	16.39	16.69	16.92	17.13	57.6	127.0
Other non activity based costs (excluding pension established deficit repair and contingent pension asse	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**20.45**	**21.94**	**26.50**	**31.48**	**33.68**	**33.60**	**34.13**	**35.83**	**36.16**	**36.03**	**37.00**	**35.54**	**35.75**	**134.04**	**284.05**
Directly remunerated services - costs																
Diversionary works under obligation (ES2)	£m	(4.90)	(3.23)	(2.78)	(2.06)	(2.05)	(1.91)	(1.87)	(1.97)	(1.98)	(1.98)	(1.99)	(1.99)	(1.99)	-15.0	-15.7
Work required by any alteration premises (ES3)	£m	(2.40)	(3.27)	(2.51)	(1.69)	(1.68)	(1.56)	(1.53)	(1.61)	(1.62)	(1.62)	(1.62)	(1.63)	(1.63)	-11.5	-12.8
Top up standby and enhanced system security (ES4)	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Revenue protection services (ES5)	£m	(1.82)	(1.13)	(0.73)	(0.90)	(0.90)	(0.84)	(0.83)	(0.87)	(0.87)	(0.87)	(0.86)	(0.86)	(0.86)	-5.5	-6.9
Metering services (non legacy) (ES6)	£m	(1.26)	(0.70)	(0.20)	-	-	-	-	-	-	-	-	-	-	-2.2	-
Metering services (legacy)	£m	(1.77)	(0.01)	(0.04)	-	-	-	-	-	-	-	-	-	-	-1.8	-
Metering services associated with the SM roll out	£m	-	-	-	(0.00)	(0.02)	(0.06)	(0.11)	(0.14)	(0.16)	(0.15)	(0.11)	-	-	-0.0	-0.7
De minimis activities	£m	(3.55)	(3.09)	(7.35)	(5.09)	(4.16)	(2.28)	(0.43)	-	-	-	-	-	-	-23.2	-2.7
Out of area networks	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other consented activities	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**-15.70**	**-11.43**	**-13.60**	**-9.74**	**-8.82**	**-6.65**	**-4.78**	**-4.59**	**-4.62**	**-4.63**	**-4.59**	**-4.48**	**-4.48**	**-59.29**	**-38.81**
Directly remunerated services - revenue																
Diversionary works under obligation (ES2)	£m	5.64	3.73	2.88	2.15	2.15	2.16	2.19	2.20	2.21	2.22	2.23	2.23	2.24	16.6	17.7
Work required by any alteration premises (ES3)	£m	2.07	3.14	2.62	1.76	1.76	1.77	1.79	1.80	1.81	1.82	1.82	1.83	1.83	11.3	14.5
Top up standby and enhanced system security (ES4)	£m	2.10	1.92	1.91	2.00	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	10.0	16.8
Revenue protection services (ES5)	£m	0.20	0.33	0.47	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	2.2	4.6
Metering services (non legacy) (ES6)	£m	3.61	2.59	2.39	2.06	1.91	1.39	1.01	0.70	0.38	0.11	0.01	-	-	12.6	3.6
Metering services (legacy)	£m	4.87	4.94	4.63	3.82	3.28	2.60	2.07	1.59	1.04	0.56	0.12	-	-	21.5	8.0
Metering services associated with the SM roll out	£m	-	-	-	0.00	0.02	0.06	0.11	0.14	0.16	0.15	0.11	-	-	0.0	0.7
De minimis activities	£m	-	-	3.93	5.09	4.16	2.28	0.43	-	-	-	-	-	-	13.2	2.7
Out of area networks	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other consented activities	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**18.49**	**16.66**	**18.82**	**17.45**	**15.96**	**12.93**	**10.28**	**9.11**	**8.27**	**7.55**	**6.97**	**6.74**	**6.75**	**87.38**	**68.59**
Excluded services																
Excluded Services Miscellaneous (ES7)	£m	0.19	0.11	0.04	0.05	0.05	-	-	-	-	-	-	-	-	0.4	-
Sale of fixed assets and scrap																
Sale of fixed assets and scrap	£m	1.27	0.76	0.88	-	-	-	-	-	-	-	-	-	-	2.9	-

Variant cost allocations

Load (% allocation to different cost categories)														
Load related capex	%						99.0%	99.1%	99.1%	99.1%	99.1%	99.1%	99.1%	99.1%
Non-load related capex - asset replacement	%						-	-	-	-	-	-	-	-
Non-load related capex - other	%						-	-	-	-	-	-	-	-
Faults							-	-	-	-	-	-	-	-
Tree cutting	%						-	-	-	-	-	-	-	-
Pensions and other	%						1.0%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%
Controllable opex	%						-	-	-	-	-	-	-	-
CNI (% allocation to different cost categories)														
Load related capex	%						-	-	-	-	-	-	-	-
Non-load related capex - asset replacement	%						100.0%	90.8%	90.8%	100.0%	100.0%	100.0%	92.2%	92.6%
Non-load related capex - other	%						-	-	-	-	-	-	-	-
Faults							-	-	-	-	-	-	-	-
Tree cutting	%						-	-	-	-	-	-	-	-
Pensions and other	%						0.0%	9.2%	9.2%	0.0%	0.0%	0.0%	7.8%	7.4%
Controllable opex	%						-	-	-	-	-	-	-	-
High value projects (% allocation to different cost categories)														
Load related capex	%						0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Non-load related capex - asset replacement	%						0.99	0.99	0.99	0.99	0.99	0.99	-	-
Non-load related capex - other	%						-	-	-	-	-	-	-	-
Faults							-	-	-	-	-	-	-	-
Tree cutting	%						-	-	-	-	-	-	-	-
Pensions and other	%						0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.0%	0.0%
Controllable opex	%						-	-	-	-	-	-	-	-
Undergrounding (% allocation to different cost categories)														
Load related capex	%						-	-	-	-	-	-	-	-
Non-load related capex - asset replacement	%						-	-	-	-	-	-	-	-
Non-load related capex - other	%						100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Faults							-	-	-	-	-	-	-	-
Tree cutting	%						-	-	-	-	-	-	-	-
Pensions and other	%						0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Controllable opex	%						-	-	-	-	-	-	-	-
Worst served customers (% allocation to different cost categories)														
Load related capex	%						-	-	-	-	-	-	-	-
Non-load related capex - asset replacement	%						-	-	-	-	-	-	-	-
Non-load related capex - other	%						98.4%	98.4%	98.4%	98.4%	98.4%	98.4%	98.4%	98.4%
Faults							-	-	-	-	-	-	-	-
Tree cutting	%						-	-	-	-	-	-	-	-
Pensions and other	%						1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%
Controllable opex	%						-	-	-	-	-	-	-	-
Smart metering roll out (% allocation to different cost categories)														
Load related capex	%						-	-	-	-	-	-	-	-
Non-load related capex - asset replacement	%						-	-	-	-	-	-	-	-
Non-load related capex - other	%						-	-	-	-	-	-	-	-
Faults							-	-	-	-	-	-	-	-
Tree cutting	%						-	-	-	-	-	-	-	-
Pensions and other	%						11.9%	11.8%	11.7%	11.7%	11.7%	11.7%	-	-
Controllable opex	%						88.1%	88.2%	88.3%	88.3%	88.3%	88.3%	-	-
Specified streetworks - reopener (% allocation to different cost categories)														
Load related capex	%						0.27	0.26	0.26	0.27	0.26	0.26	0.26	0.26
Non-load related capex - asset replacement	%						6.5%	8.8%	6.9%	2.6%	3.2%	4.6%	5.7%	7.3%
Non-load related capex - other							-	-	-	-	-	-	-	-
Faults	%						15.7%	14.7%	15.1%	16.6%	16.4%	16.0%	15.6%	15.1%
Tree cutting	%						-	-	-	-	-	-	-	-
Pensions and other	%						0.50	0.49	0.51	0.53	0.52	0.52	0.51	0.51
Controllable opex	%						0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Rail Electrification (% allocation to different cost categories)														
Load related capex	%						-	-	-	-	-	-	-	-
Non-load related capex - asset replacement	%						99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%
Non-load related capex - other							-	-	-	-	-	-	-	-
Faults	%						-	-	-	-	-	-	-	-
Tree cutting	%						-	-	-	-	-	-	-	-
Pensions and other	%						0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%
Controllable opex	%						-	-	-	-	-	-	-	-

Checks

Values in T1 sheet													
Non Variant	244.79	219.11	212.65	224.30	230.10	217.84	237.26	229.03	218.81	210.12	201.75	201.19	194.28
Directly remunerated services - costs	15.14	11.15	13.31	9.45	8.53	6.43	4.61	4.42	4.45	4.46	4.42	4.33	4.33
Directly remunerated services - revenue	18.49	16.66	18.82	17.45	15.96	12.93	10.28	9.11	8.27	7.55	6.97	6.74	6.75
ES7	0.19	0.11	0.04	0.05	0.05	-	-	-	-	-	-	-	-
Non-controllable	20.45	21.94	26.50	31.48	33.68	33.60	34.13	35.83	36.16	36.03	37.00	35.54	35.75
Values in T1 sheet													
Non Variant	9.08	12.29	8.55	8.61	11.67	11.93	11.67	11.17	10.71	10.16	9.59	8.78	8.15
Directly remunerated services - costs	0.56	0.28	0.29	0.29	0.29	0.22	0.17	0.17	0.17	0.17	0.16	0.15	0.15
Directly remunerated services - revenue													
ES7	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-controllable	-	-	-	-	-	-	-	-	-	-	-	-	-
Values in M1 sheet													
Non Variant	219.85	208.66	197.04	210.95	204.62	194.09	205.35	195.16	192.19	188.32	184.22	181.78	176.21
	-	-	-	-	-	35.72	43.32	44.87	37.59	32.16	27.22	28.09	26.11
Directly remunerated services - costs	15.70	11.43	13.60	9.74	8.82	6.65	4.78	4.59	4.62	4.63	4.59	4.48	4.48
Directly remunerated services - revenue	18.49	16.66	18.82	17.45	15.96	12.93	10.28	9.11	8.27	7.55	6.97	6.74	6.75
ES7	0.19	0.11	0.04	0.05	0.05	-	-	-	-	-	-	-	-
Non-controllable	20.45	21.94	26.50	31.48	33.68	33.60	34.13	35.83	36.16	36.03	37.00	35.54	35.75
Everything correct?													
Non Variant	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error
Directly remunerated services - costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Directly remunerated services - revenue	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
ES7	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Non-controllable	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

T1a: Total net costs after allocation for RAV excluding pensions
SPN
Price base (2012/13)

	Model input categories (for ED1)	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4	DPCR5					RIIO-ED1									
		£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Network Investment Costs																	
Load - ex ante																	
Connection projects; DPCR4	Load related capex		(1.78)	(1.45)	(0.62)	0.17	0.05	-	-	-	-	-	-	-	-	-3.6	-
Element of connection that is subject to the apportionment rules - DUoS funded	Load related capex		5.53	3.97	2.76	2.58	2.60	2.62	2.64	2.66	2.68	2.71	2.70	2.75	2.77	17.4	21.5
Element of connection that is subject to the apportionment rules - Customer fur	Load related capex		1.27	1.04	0.16	0.02	(0.02)	(0.09)	(0.08)	(0.07)	(0.06)	(0.05)	(0.05)	(0.04)	(0.03)	2.5	-0.5
Reinforcement	Load related capex		25.33	12.30	10.84	14.29	27.37	24.05	30.42	29.75	20.21	15.33	15.07	21.71	19.72	90.1	176.3
Transmission Connection Points	Load related capex		-	-	-	-	-	-	1.72	3.43	3.43	3.43	3.43	3.43	3.43	-	22.3
Load - re-opener																	
Connection projects; DPCR4	Load related capex																-
Element of connection that is subject to the apportionment rules - DUoS funded	Load related capex																-
Element of connection that is subject to the apportionment rules - Customer fur	Load related capex																-
Reinforcement	Load related capex																-
DG ("large scale") related reinforcement	Load related capex																
Diversions excluding rail electrification	Non-load related capex - asset replacement		5.27	9.61	6.59	3.42	7.17	6.31	6.32	6.22	6.16	6.53	8.66	10.38	7.44	32.1	58.0
Rail electrification	Non-load related capex - asset replacement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESQCR	Non-load related capex - asset replacement		9.34	6.44	3.04	8.67	8.95	3.70	3.59	3.49	3.38	3.29	3.20	3.11	3.03	36.4	26.8
Asset Replacement	Non-load related capex - asset replacement		31.62	29.26	30.72	25.55	26.55	31.32	37.98	36.19	35.92	34.57	32.47	28.55	30.41	143.7	267.4
Refurbishment	Non-load related capex - asset replacement		6.17	1.13	1.52	5.58	4.22	2.25	2.39	2.85	2.68	3.36	3.67	3.81	2.63	18.6	23.6
Civil Works	Non-load related capex - asset replacement		5.73	6.16	3.71	4.25	6.30	4.09	5.92	5.75	6.52	6.02	5.65	4.11	4.13	26.1	42.2
Operational IT & Telecoms	Non-load related capex - other		0.35	0.58	2.06	4.61	4.32	3.68	3.75	4.26	4.03	4.34	4.65	5.01	5.14	11.9	34.9
Legal & Safety	Non-load related capex - asset replacement		0.85	1.55	3.85	4.57	5.62	6.69	6.86	4.13	3.71	3.39	3.14	2.94	2.98	16.4	33.8
QoS - ex ante funded	Non-load related capex - asset replacement		5.00	1.99	4.66	1.68	0.57	-	-	-	-	-	-	-	-	13.9	-
QoS - DNO funded								0.41	0.85	0.83	0.35	0.35	0.35	0.35	0.35	-	3.8
High Value Projects (ex ante)	Non-variant mix																
Asset Replacement	Non-load related capex - asset replacement		2.77	5.21	5.00	1.67	4.51	5.13	6.23	6.16	5.71	4.72	2.81	-	-	19.2	30.8
General Reinforcement	Load related capex		0.09	1.47	5.29	0.81	-	-	-	-	-	-	-	-	-	7.7	-
Fault Level Reinforcement	Load related capex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal and Safety	Non-load related capex - asset replacement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT21CN	Non-load related capex - other		0.10	0.08	1.39	5.14	5.43	-	-	-	-	-	-	-	-	12.2	-
Other - explained in commentary	Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Value Projects (re-opener)	Variant - mix																
Asset Replacement	Non-load related capex - asset replacement							-	-	-	-	-	-	-	-	-	-
General Reinforcement	Load related capex							-	-	-	-	-	-	-	-	-	-
Fault Level Reinforcement	Load related capex							-	-	-	-	-	-	-	-	-	-
Legal and Safety	Non-load related capex - asset replacement							-	-	-	-	-	-	-	-	-	-
BT21CN	Non-load related capex - other							-	-	-	-	-	-	-	-	-	-
Other - explained in commentary	Controllable opex							-	-	-	-	-	-	-	-	-	-
Total Core Costs			92.64	75.79	78.67	80.26	101.01	87.22	105.18	102.21	91.76	84.97	82.75	83.05	78.91	428.4	716.0
Flooding	Non-load related capex - asset replacement		0.02	0.02	0.65	0.34	1.53	0.58	0.58	0.58	0.58	0.45	0.45	0.29	0.29	2.5	3.8
BT21CN	Non-load related capex - other		0.00	0.00	0.04	0.11	0.15	4.16	4.30	4.23	1.21	1.21	0.85	0.73	0.93	0.3	17.6
Technical losses and other environmental	Non-load related capex - asset replacement		1.20	0.47	0.48	0.49	0.49	0.39	0.39	0.39	0.36	0.30	0.30	0.30	0.39	3.1	2.8
High impact Low Probability (HILP)	Non-load related capex - asset replacement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical National Infrastructure																	
Critical National Infrastructure ex ante	Non-load related capex - asset replacement		-	-	-	-	-	2.50	-	-	2.50	3.00	1.00	-	-	-	9.0
Critical National Infrastructure re-opener	Non-load related capex - asset replacement															-	-
Black Start	Non-load related capex - asset replacement		-	-	0.01	0.61	0.72	0.72	0.72	0.71	0.71	0.46	-	-	-	1.3	3.3
Rising Mains and Laterals	Non-load related capex - asset replacement		0.26	0.28	1.37	1.23	1.77	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	4.9	14.7
Undergrounding Within/ Outside designated areas	Non-load related capex - other		0.81	0.19	0.64	1.48	1.48	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	4.6	13.8
Worst Served Customers	Non-load related capex - other		-	-	0.07	0.82	0.70	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	1.6	2.8
Total Network Investment Costs			99.94	80.32	84.236	88.11	110.49	102.02	117.62	114.62	103.65	96.95	91.91	90.98	87.16	463.1	804.9
Check			OK	OK	OK	OK	OK	Err	Err	Err	Err	Err	Err	Err	Err		
Total Core Costs to C1			OK	OK	OK	OK	OK	Err	Err	Err	Err	Err	Err	Err	Err		
High Value Projects (ex ante) to CV9a			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
High Value Projects (reop) to CV9b			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Total Network Investment Costs - excluding undergrounding and WSC			99.13	80.12	83.53	85.81	108.31	99.94	115.55	112.55	101.57	94.88	89.84	88.91	85.09	456.9	788.3
Network Operating Costs																	
Trouble Call (CV15a)	Faults		30.31	29.54	27.11	29.38	18.13	17.38	17.39	17.24	17.21	17.18	17.20	17.22	17.48	134.5	138.3
ONIs (CV15b)	Faults		5.53	4.06	5.88	5.85	5.93	4.76	4.38	4.25	4.14	4.05	4.02	4.32	4.29	27.2	34.2
Severe Weather- Atypical	Faults		-	-	-	4.58	-	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	4.6	5.8
Inspections & Maintenance	Controllable opex		9.17	10.50	10.28	10.36	9.93	8.15	8.17	8.14	7.96	7.83	7.88	7.92	7.66	50.2	63.7
Tree Cutting	Tree cutting		7.62	7.76	7.94	6.30	7.07	8.23	8.24	8.25	8.25	8.30	8.19	8.10	7.99	36.7	65.6
NOC's other	Controllable opex		1.49	1.14	1.73	2.16	2.16	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	8.7	19.4
Total Network Operating Costs			54.12	53.01	52.942	58.63	43.21	41.68	41.33	41.02	40.70	40.51	40.45	40.71	40.57	261.9	327.0
Check			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Closely associated Indirects																	
Network Design & Engineering	Controllable opex		5.24	3.39	2.74	3.79	3.92	3.83	3.72	3.57	3.39	3.16	3.05	3.08	2.95	19.1	26.7
Project Management	Controllable opex		6.70	3.20	3.18	3.98	4.08	3.84	3.89	3.75	3.60	3.39	3.28	3.29	3.17	21.1	28.2
Engineering Mgt & Clerical Support	Controllable opex		17.87	14.88	15.27	19.37	19.54	18.67	18.62	18.05	17.58	16.76	16.27	16.14	15.66	86.9	137.7
System Mapping - Cartographical	Controllable opex		1.13	1.39	1.03	1.15	1.16	1.13	1.16	1.15	1.12	1.10	1.10	1.11	1.10	5.8	9.0
Control Centre	Controllable opex		4.21	4.08	3.96	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	20.2	31.6
Call Centre	Controllable opex		1.45	1.72	1.77	2.29	2.28	2.08	1.50	1.50	1.50	1.49	1.49	1.49	1.49	9.5	12.5
Stores	Controllable opex		1.64	1.36	1.37	1.40	1.39	1.39	1.39	1.39	1.38	1.38	1.38	1.38	1.38	7.2	11.1
Operational Training	Controllable opex		4.25	4.10	3.66	4.22	4.56	5.40	4.66	3.61	3.78	3.60	3.28	3.81	3.76	20.8	31.9
Vehicles & Transport	Controllable opex		6.65	5.91	5.67	6.76	6.70	6.70	6.71	6.69	6.68	6.66	6.65	6.65	6.65	31.7	53.4
Network Policy	Controllable opex		0.32	0.35	0.28	0.27	0.26	0.26	0.26	0.26	0.27	0.26	0.26	0.26	0.26	1.5	2.1
Total Closely Associated Indirects	Controllable opex		49.12	40.02	38.645	46.91	47.57	47.25	45.86	43.91	43.25	41.75	40.70	41.15	40.37	222.3	344.2
Check			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check to C1			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Atypicals Non Sev Weather (RAV)																	
Atypicals Non Sev Weather	Controllable opex		7.03	6.09	1.081	0.32	0.32	-	-	-	-	-	-	-	-	14.8	-
Smart meters																	

Smart Meters - Costs subject to ex ante funding	Controllable opex	-	-	-	0.12	0.46	1.06	1.78	2.29	2.50	2.48	1.80			0.6	11.9
Smart Meters - Costs subject to volume driver	Controllable opex	-	-	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)			-0.0	-0.0
Streetworks - reopener																
Connection project	Load related capex						0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.25		2.0
Network Investment	Non-load related capex - asset replacement						0.06	0.09	0.07	0.02	0.03	0.04	0.05	0.07		0.4
Network Operating Costs associated with planned and capital work	Controllable opex						0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.1
Network Operating Costs associated with unplanned fault work	Faults						0.15	0.14	0.14	0.15	0.15	0.15	0.15	0.14		1.2
TOTAL Costs - excluding business support and other price control costs		210.21	179.44	176.90	194.07	202.04	192.01	206.62	201.89	190.16	181.78	174.97	173.38	168.62	962.7	1,489.4
		OK	OK	OK	OK	OK	Err	Err	Err	Err	Err	Err	Err	Err		
Business support costs																
HR & Non-operational Training	Controllable opex	1.76	2.05	1.53	1.45	1.52	1.52	1.52	1.51	1.50	1.49	1.47	1.45	1.42	8.3	11.9
Finance & Regulation	Controllable opex	7.91	7.21	5.43	6.18	6.36	6.33	6.30	6.25	6.19	6.13	6.06	5.98	5.89	33.1	49.1
CEO	Controllable opex	1.90	1.75	1.49	1.70	1.78	1.77	1.77	1.76	1.75	1.74	1.72	1.69	1.66	8.6	13.9
IT & Telecoms	Controllable opex	9.10	9.11	6.99	6.76	7.35	7.75	7.77	7.40	7.43	7.40	7.31	7.21	7.11	39.3	59.4
Property Mgt	Controllable opex	6.71	5.06	4.18	3.99	4.17	4.08	3.92	3.90	3.87	3.84	3.80	3.74	3.68	24.1	30.8
Total Business Support Costs		27.71	25.52	19.90	20.34	21.43	21.44	21.28	20.83	20.73	20.60	20.35	20.08	19.76	114.9	165.1
Check		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check to C1		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Other price control costs																
Non Op Capex	Non-load related capex - other	6.88	14.14	15.84	9.89	6.63	6.06	10.60	7.60	9.71	9.56	8.25	9.99	8.15	53.4	69.9
Atypicals Non Sev Weather (non RAV)		0.23	2.48	1.10	2.01	2.01	-	-	-	-	-	-	-	-	7.8	-
Stand Alone Funding (non RAV)																
IFI		0.93	0.75	0.68	0.72	0.77									3.8	-
LCN Fund First Tier		0.21	0.16	0.55	0.71	0.30									1.9	-
LCN Fund Second Tier		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Costs Within Price Control																
Total Costs within Price Control		246.17	222.49	214.97	227.74	233.18	219.52	238.50	230.32	220.60	211.93	203.58	203.44	196.53	1,144.6	1,724.4
Check		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Non Price Control																
Element of connection that is Sole Use funded		(0.01)	(0.04)	5.31	(0.54)	(1.02)	(2.10)	(1.97)	(1.76)	(1.63)	(1.46)	(1.41)	(1.33)	(1.20)	3.7	-12.9
Connection projects UMC		0.05	0.19	0.25	(0.07)	(0.18)	(0.30)	(0.27)	(0.23)	(0.21)	(0.19)	(0.18)	(0.17)	(0.15)	0.2	-1.7
Connection projects; DG		0.17	(0.13)	0.20	(0.02)	(0.05)									0.2	
Connections (Non Price Control) Total		0.21	0.02	5.76	(0.63)	(1.25)	(2.40)	(2.24)	(1.99)	(1.84)	(1.65)	(1.58)	(1.50)	(1.35)	4.1	-14.6
Directly remunerated services - (gross) costs																
Diversionary works under obligation (ES2)	£m	4.72	3.12	2.69	1.94	1.93	1.82	1.81	1.90	1.91	1.92	1.92	1.92	1.93	14.4	15.1
Work required by any alteration premises (ES3)	£m	2.32	3.16	2.43	1.58	1.58	1.49	1.48	1.56	1.56	1.57	1.57	1.57	1.58	11.1	12.4
Top up standby and enhanced system security (ES4)	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Revenue protection services (ES5)	£m	1.76	1.09	0.70	0.85	0.85	0.80	0.80	0.84	0.84	0.84	0.83	0.83	0.83	5.2	6.6
Metering services (non legacy) (ES6)	£m	1.10	0.70	0.20	-	-	-	-	-	-	-	-	-	-	2.0	-
Metering services (legacy)	£m	1.70	0.01	0.04	-	-	-	-	-	-	-	-	-	-	1.7	-
Metering services associated with the SM roll out	£m	-	-	-	0.00	0.02	0.05	0.09	0.12	0.14	0.14	0.10	-	-	0.0	0.6
De minimis activities	£m	3.54	3.07	7.25	5.08	4.16	2.27	0.43	-	-	-	-	-	-	23.1	2.7
Out of area networks	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other consented activities	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**15.14**	**11.15**	**13.31**	**9.45**	**8.53**	**6.43**	**4.61**	**4.42**	**4.45**	**4.46**	**4.42**	**4.33**	**4.33**	**57.58**	**37.46**
Directly remunerated services - revenue																
Diversionary works under obligation (ES2)	£m	(5.64)	(3.73)	(2.88)	(2.15)	(2.15)	(2.16)	(2.19)	(2.20)	(2.21)	(2.22)	(2.23)	(2.23)	(2.24)	-16.6	-17.7
Work required by any alteration premises (ES3)	£m	(2.07)	(3.14)	(2.62)	(1.76)	(1.76)	(1.77)	(1.79)	(1.80)	(1.81)	(1.82)	(1.82)	(1.83)	(1.83)	-11.3	-14.5
Top up standby and enhanced system security (ES4)	£m	(2.10)	(1.92)	(1.91)	(2.00)	(2.10)	(2.10)	(2.10)	(2.10)	(2.10)	(2.10)	(2.10)	(2.10)	(2.10)	-10.0	-16.8
Revenue protection services (ES5)	£m	(0.20)	(0.33)	(0.47)	(0.58)	(0.58)	(0.58)	(0.58)	(0.58)	(0.58)	(0.58)	(0.58)	(0.58)	(0.58)	-2.2	-4.6
Metering services (non legacy) (ES6)	£m	(3.61)	(2.59)	(2.39)	(2.06)	(1.91)	(1.39)	(1.01)	(0.70)	(0.38)	(0.11)	(0.01)	-	-	-12.6	-3.6
Metering services (legacy)	£m	(4.87)	(4.94)	(4.63)	(3.82)	(3.28)	(2.60)	(2.07)	(1.59)	(1.04)	(0.56)	(0.12)	-	-	-21.5	-8.0
Metering services associated with the SM roll out	£m	-	-	-	(0.00)	(0.02)	(0.06)	(0.11)	(0.14)	(0.16)	(0.15)	(0.11)	-	-	-0.0	-0.7
De minimis activities	£m	-	-	(3.93)	(5.09)	(4.16)	(2.28)	(0.43)	-	-	-	-	-	-	-13.2	-2.7
Out of area networks	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other consented activities	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**-18.49**	**-16.66**	**-18.82**	**-17.45**	**-15.96**	**-12.93**	**-10.28**	**-9.11**	**-8.27**	**-7.55**	**-6.97**	**-6.74**	**-6.75**	**-87.38**	**-68.59**
Excluded services																
Excluded Services Miscellaneous (ES7)	£m	(0.19)	(0.11)	(0.04)	(0.05)	(0.05)	-	-	-	-	-	-	-	-	-0.4	-
Non Price Control		15.89	11.43	9.67	4.70	4.68	4.38	4.26	4.50	4.53	4.56	4.57	5.00	5.01	46.4	36.8
Atypicals Non Sev Weather (Non Price Control)		-	0.09	0.05	-	-	-	-	-	-	-	-	-	-	0.1	-
Costs outside Price Control																
Total Costs outside Price Control		15.73	11.41	15.36	4.00	3.36	1.90	1.94	2.40	2.56	2.76	2.83	2.92	3.07	49.9	20.4
NABC																
Wheeled Units Imported	Non-controllable opex	-	-	1.43	1.45	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	4.4	11.9
Business Rates	Non-controllable opex	9.23	10.52	12.60	15.34	15.87	15.87	15.87	15.87	15.87	15.87	15.87	15.87	15.87	63.5	127.0
Ofgem Licence Fee	Non-controllable opex	0.97	1.14	1.29	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	5.9	10.1
Shetland Balancing Costs	Non-controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental Ring Fence Compliance Costs	Non-controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DCC Licence Fee	Non-controllable opex	-	-	-	0.26	0.26	0.43	0.43	0.43	0.43	0.43	0.43	-	-	0.5	2.6
Ongoing Indirect/IT and data services - Subject to pass through (excluding DC	Non-controllable opex	-	-	-	0.67	1.43	1.30	0.45	0.78	1.17	0.60	1.27	-	-	2.1	5.6
Pass through - Transmission connection point charges	Non-controllable opex	10.25	10.28	11.17	12.51	13.37	13.26	14.64	16.00	15.95	16.39	16.69	16.92	17.13	57.6	127.0
Bad Debt Expense (net of recoveries)	Non-controllable opex	(0.00)	0.61	(0.00)	-	-	-	-	-	-	-	-	-	-	0.6	-
Sale of fixed assets and scrap	Non-controllable opex	(1.27)	(0.76)	(0.88)	-	-	-	-	-	-	-	-	-	-	-2.9	-
Pensions Deficit Repair Payments	Non-controllable opex	79.19	21.70	20.58	28.95	28.95	28.13	28.13	28.13	28.13	28.13	28.13	28.13	28.13	179.4	225.0
Contingent Pension Asset Costs	Non-controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other non activity based costs (excluding pension established deficit repair and	Non-controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	Non-controllable opex	**98.37**	**43.48**	**46.20**	**60.43**	**62.63**	**61.73**	**62.26**	**63.95**	**64.29**	**64.16**	**65.13**	**63.67**	**63.88**	**311.10**	**509.06**
		Err	Err	Err	Err	Err	Err	Err	Err	Err	Err	Err	Err	Err		
Total DNO																
Total DNO		361.32	276.80	276.45	291.30	298.26	282.23	301.82	295.80	286.59	278.00	270.69	269.19	262.66	1,504.1	2,247.0

T1a: Total pensions
SPN
Price base (2012/13)

	Model input categories (for ED1)	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4	DPCR5					RIIO-ED1									
		£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Network Investment Costs																	
Load - ex ante																	
Connection projects; DPCR4	Load related capex		0.42	0.17	0.04	0.03	0.01	-	-	-	-	-	-	-	-	0.7	-
Element of connection that is subject to the apportionment rules - DUoS fundec	Load related capex		0.01	0.05	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.2	0.3
Element of connection that is subject to the apportionment rules - Customer fu	Load related capex		0.13	0.01	0.05	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.2	0.3
Reinforcement	Load related capex		0.13	0.17	0.08	0.12	0.23	0.20	0.25	0.25	0.17	0.13	0.13	0.18	0.16	0.7	1.5
Transmission Connection Points	Load related capex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Load - re-opener																	
Connection projects; DPCR4	Load related capex																-
Element of connection that is subject to the apportionment rules - DUoS fundec	Load related capex																-
Element of connection that is subject to the apportionment rules - Customer fu	Load related capex																-
Reinforcement	Load related capex																-
DG ("large scale") related reinforcement	Load related capex																-
Diversions excluding rail electrification	Non-load related capex - asset replacement		0.04	0.05	0.04	0.02	0.05	0.04	0.04	0.04	0.04	0.04	0.06	0.07	0.05	0.2	0.4
Rail electrification	Non-load related capex - asset replacement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESQCR	Non-load related capex - asset replacement		0.02	0.05	0.02	0.06	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.2	0.2
Asset Replacement	Non-load related capex - asset replacement		0.48	0.70	0.82	1.02	1.48	1.75	1.91	1.82	1.81	1.74	1.64	1.44	1.43	4.5	13.5
Refurbishment	Non-load related capex - asset replacement		0.04	0.02	0.02	0.10	0.07	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.05	0.2	0.4
Civil Works	Non-load related capex - asset replacement		0.07	0.14	0.08	0.11	0.14	0.11	0.16	0.15	0.17	0.16	0.15	0.11	0.11	0.6	1.1
Operational IT & Telecoms	Non-load related capex - other		0.01	0.02	0.02	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.2	0.5
Legal & Safety	Non-load related capex - asset replacement		0.02	0.07	0.06	0.09	0.11	0.13	0.13	0.08	0.07	0.06	0.06	0.06	0.06	0.3	0.6
QoS - ex ante funded	Non-load related capex - asset replacement		0.03	0.04	0.07	0.03	0.01	-	-	-	-	-	-	-	-	0.2	-
QoS - DNO funded								0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	0.1
High Value Projects (ex ante)	Non-variant mix																
Asset Replacement	Non-load related capex - asset replacement		0.01	0.02	0.03	0.01	0.03	0.04	0.04	0.04	0.04	0.03	0.02	-	-	0.1	0.2
General Reinforcement	Load related capex		0.00	0.01	0.03	0.01	-	-	-	-	-	-	-	-	-	0.0	-
Fault Level Reinforcement	Load related capex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal and Safety	Non-load related capex - asset replacement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT21CN	Non-load related capex - other		0.00	0.00	0.01	0.04	0.04	-	-	-	-	-	-	-	-	0.1	-
Other - explained in commentary	Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Value Projects (re-opener)	Variant - mix																
Asset Replacement	Non-load related capex - asset replacement							-	-	-	-	-	-	-	-	-	-
General Reinforcement	Load related capex							-	-	-	-	-	-	-	-	-	-
Fault Level Reinforcement	Load related capex							-	-	-	-	-	-	-	-	-	-
Legal and Safety	Non-load related capex - asset replacement							-	-	-	-	-	-	-	-	-	-
BT21CN	Non-load related capex - other							-	-	-	-	-	-	-	-	-	-
Other - explained in commentary	Controllable opex							-	-	-	-	-	-	-	-	-	-
Total Core Costs			0.85	1.29	1.29	1.66	2.28	2.38	2.66	2.52	2.43	2.31	2.20	2.01	1.95	7.4	18.5
Flooding	Non-load related capex - asset replacement		-	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0
BT21CN	Non-load related capex - other		0.00	0.00	0.00	0.00	0.00	0.05	0.051	0.05	0.01	0.01	0.01	0.01	0.01	0.0	0.2
Technical losses and other environmental	Non-load related capex - asset replacement		0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0
High impact Low Probability (HILP)	Non-load related capex - asset replacement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical National Infrastructure																	
Critical National Infrastructure ex ante	Non-load related capex - asset replacement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical National Infrastructure re-opener	Non-load related capex - asset replacement																-
Black Start	Non-load related capex - asset replacement		-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.0	0.0
Rising Mains and Laterals	Non-load related capex - asset replacement		0.01	0.04	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.4	1.2
Undergrounding Within/ Outside designated areas	Non-load related capex - other		0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	0.0	-
Worst Served Customers	Non-load related capex - other		-	-	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.0	0.0
Total Network Investment Costs			1.43	1.57	1.55	1.86	2.52	2.66	2.94	2.80	2.68	2.56	2.44	2.25	2.19	8.9	20.5
Total Network Investment Costs - excluding undergrounding and WSC			1.43	1.57	1.55	1.85	2.51	2.65	2.94	2.80	2.67	2.55	2.43	2.24	2.19	8.9	20.5
Network Operating Costs																	
Trouble Call (CV15a)	Faults		1.51	2.04	1.64	1.56	1.80	1.80	1.70	1.69	1.60	1.51	1.43	1.43	1.37	8.5	12.5
ONIs (CV15b)	Faults		0.30	0.35	0.45	0.43	0.67	0.62	0.54	0.52	0.48	0.44	0.42	0.42	0.40	2.2	3.8
Severe Weather- Atypical	Faults		-	-	-	0.17	-	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.2	0.2
Inspections & Maintenance	Controllable opex		0.55	0.82	0.69	0.80	1.09	1.01	0.95	0.95	0.88	0.82	0.78	0.74	0.67	4.0	6.8
Tree Cutting	Tree cutting		0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.1	0.1
NOC's other	Controllable opex		-	-	0.04	-	-	-	-	-	-	-	-	-	-	0.0	-
Total Network Operating Costs			2.38	3.22	2.83	2.97	3.58	3.47	3.24	3.21	3.00	2.81	2.67	2.63	2.49	15.0	23.5
Closely associated Indirects																	
Network Design & Engineering	Controllable opex		0.48	0.48	0.36	0.41	0.57	0.66	0.66	0.66	0.57	0.56	0.56	0.46	0.37	2.3	4.5
Project Management	Controllable opex		0.55	0.39	0.33	0.29	0.40	0.47	0.47	0.47	0.47	0.47	0.47	0.37	0.36	2.0	3.6
Engineering Mgt & Clerical Support	Controllable opex		1.64	1.73	1.38	1.25	1.74	2.01	1.93	1.75	1.67	1.48	1.29	1.10	0.99	7.7	12.2
System Mapping - Cartographical	Controllable opex		0.12	0.09	0.07	0.07	0.13	0.13	0.12	0.12	0.11	0.10	0.10	0.09	0.07	0.5	0.8
Control Centre	Controllable opex		0.56	0.67	0.63	0.55	0.74	0.77	0.77	0.77	0.77	0.77	0.77	0.67	0.67	3.1	5.9
Call Centre	Controllable opex		0.11	0.13	0.09	0.10	0.17	0.17	0.16	0.16	0.15	0.14	0.14	0.12	0.11	0.6	1.2
Stores	Controllable opex		0.10	0.10	0.08	0.07	0.12	0.12	0.12	0.12	0.11	0.10	0.10	0.09	0.08	0.5	0.8
Operational Training	Controllable opex		0.34	0.46	0.34	0.36	0.65	0.76	0.63	0.49	0.49	0.45	0.38	0.40	0.35	2.2	3.9
Vehicles & Transport	Controllable opex		0.06	0.08	0.07	0.07	0.12	0.12	0.11	0.11	0.11	0.10	0.09	0.09	0.08	0.4	0.8
Network Policy	Controllable opex		0.02	0.04	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.1	0.0
Total Closely Associated Indirects	Controllable opex		3.97	4.12	3.34	3.18	4.64	5.20	4.97	4.65	4.46	4.19	3.90	3.39	3.09	19.3	33.8
Check																	
Check to C1																	
Atypicals Non Sev Weather (RAV)																	
Atypicals Non Sev Weather	Controllable opex		0.24	2.74	0.25	-	-	-	-	-	-	-	-	-	-	3.2	-
Smart meters																	
Smart Meters - Costs subject to ex ante funding	Controllable opex		-	-	-	0.02	0.06	0.14	0.24	0.30	0.33	0.33	0.24			0.1	1.6
Smart Meters - Costs subject to volume driver	Controllable opex		-	-	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)			-0.0	-0.0
Streetworks - reopener																	
Connection project	Load related capex							0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12		1.0
Network Investment	Non-load related capex - asset replacement							-	-	-	-	-	-	-	-		-
Network Operating Costs associated with planned and capital work	Controllable opex							-	-	-	-	-	-	-	-		-
Network Operating Costs associated with unplanned fault work	Faults							0.35	0.36	0.36	0.35	0.35	0.36	0.36	0.36		2.8
TOTAL Costs - excluding business support and other price control costs			8.01	11.65	7.98	8.03	10.80	11.47	11.39	10.97	10.47	9.89	9.24	8.28	7.76	46.5	79.5
Business support costs																	
HR & Non-operational Training	Controllable opex		0.07	0.09	0.06	0.06	0.10	0.09	0.09	0.09	0.08	0.08	0.07	0.07	0.06	0.4	0.6
Finance & Regulation	Controllable opex		0.36	0.34	0.27	0.27	0.38	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.32	1.6	3.3
CEO	Controllable opex		0.11	0.06	0.08	0.08	0.14	0.13	0.12	0.12	0.12	0.11	0.10	0.09	0.08	0.5	0.9
IT & Telecoms	Controllable opex		0.31	0.04	0.11	0.14	0.23	0.23	0.22	0.21	0.20	0.19	0.18	0.16	0.14	0.8	1.6
Property Mgt	Controllable opex		0.17	0.05	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.3	0.2
Total Business Support Costs			1.03	0.64	0.57	0.58	0.88	0.91	0.88	0.87	0.85	0.83	0.80	0.76	0.63	3.7	6.5
Other price control costs																	
Non Op Capex	Non-load related capex - other		0.03	-	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0
Atypicals Non Sev Weather (non RAV)			0.00	0.58	0.01	0.31	0.31	-	-	-	-	-	-	-	-	1.2	-
Stand Alone Funding (non RAV)																	
IFI			0.01	-	-	-	-									0.0	-
LCN Fund First Tier			-	-	0.02	-	-									0.0	-
LCN Fund Second Tier			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Costs Within Price Control																	
Total Costs within Price Control			9.09	12.87	8.58	8.92	11.98	12.38	12.27	11.84	11.32	10.72	10.05	9.04	8.39	51.4	86.0
Non Price Control																	
Element of connection that is Sole Use funded			0.04	0.86	1.03	0.85	0.94	1.15	1.18	1.17	1.16	1.16	1.16	1.16	1.15	3.7	9.3
Connection projects UMC			0.02	0.06	0.07	0.13	0.11	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.4	0.7
Connection projects: DG			0.01	0.03	0.05	0.06	0.06									0.2	
Connections (Non Price Control) Total			0.08	0.94	1.15	1.04	1.11	1.24	1.27	1.26	1.25	1.25	1.25	1.24	1.24	4.3	10.0

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4		DPCR5				RIIO-ED1								Average % from DPCR5	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Network Investment Costs																
Load - ex ante																
Connection projects; DPCR4			-0.6%	-0.7%	-0.4%	-0.7%	-1.0%	-	-	-	-	-	-	-		-
Element of connection that is subject to the apportionment rules - DUoS fundec			2.9%	0.5%	-0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		0.8%
Element of connection that is subject to the apportionment rules - Customer fu			-0.9%	2.2%	-0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		0.7%
Reinforcement			0.4%	-0.5%	0.5%	0.9%	-0.1%	0.3%	-0.0%	-0.3%	-0.2%	-0.0%	0.4%	-0.1%		1.3%
Transmission Connection Points			-	-	-	-	-	-	-	-	-	-	-	-		-
Load - re-opener																
Connection projects; DPCR4			-	-	-	-	-	-	-	-	-	-	-	-		-
Element of connection that is subject to the apportionment rules - DUoS fundec			-	-	-	-	-	-	-	-	-	-	-	-		-
Element of connection that is subject to the apportionment rules - Customer fu			-	-	-	-	-	-	-	-	-	-	-	-		-
Reinforcement			-	-	-	-	-	-	-	-	-	-	-	-		-
DG ("large scale") related reinforcement																
Diversions excluding rail electrification			0.4	-0.2	-0.4	1.0	-0.1	0.0	-0.0	-0.0	0.1	0.3	0.2	-0.3		1.2
Rail electrification			-	-	-	-	-	-	-	-	-	-	-	-		-
ESQCR			1.3	-0.6	2.3	0.0	-0.6	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0		0.5
Asset Replacement			45.1%	16.9%	24.3%	45.6%	17.9%	9.6%	-4.7%	-0.7%	-3.8%	-6.1%	-12.1%	-0.5%		1.9
Refurbishment			-49.2%	27.1%	325.1%	-24.4%	-46.6%	6.0%	19.6%	-6.0%	25.5%	9.1%	3.8%	-30.9%		1.0
Civil Works			92.0%	-41.0%	33.1%	27.7%	-24.6%	44.6%	-2.9%	13.5%	-7.7%	-6.2%	-27.2%	0.6%		1.2
Operational IT & Telecoms			97.2%	7.6%	159.9%	-6.4%	-14.7%	1.6%	13.6%	-5.3%	7.6%	7.3%	7.6%	2.5%		1.7
Legal & Safety			182.5%	-5.4%	37.7%	23.0%	19.1%	2.5%	-39.8%	-10.2%	-8.5%	-7.5%	-6.3%	1.3%		1.2
QoS - ex ante funded			40.3%	53.5%	-58.2%	-66.3%	-100.0%	-	-	-	-	-	-	-		-
QoS - DNO funded			-	-	-	-	-	106.8%	-2.8%	-57.7%	0.0%	0.0%	0.0%	0.1%		-
High Value Projects (ex ante)																
Asset Replacement			254.6%	40.4%	-61.3%	169.9%	13.8%	21.4%	-1.2%	-7.2%	-17.4%	-40.3%	-100.0%	-		1.3
General Reinforcement			2874.0%	425.9%	-82.3%	-100.0%	-	-	-	-	-	-	-	-		-
Fault Level Reinforcement			-	-	-	-	-	-	-	-	-	-	-	-		-
Legal and Safety			-	-	-	-	-	-	-	-	-	-	-	-		-
BT21CN			47.6%	2416.6%	327.3%	5.6%	-100.0%	-	-	-	-	-	-	-		-
Other - explained in commentary			-	-	-	-	-	-	-	-	-	-	-	-		-
High Value Projects (re-opener)																
Asset Replacement								-	-	-	-	-	-	-		-
General Reinforcement								-	-	-	-	-	-	-		-
Fault Level Reinforcement								-	-	-	-	-	-	-		-
Legal and Safety								-	-	-	-	-	-	-		-
BT21CN								-	-	-	-	-	-	-		-
Other - explained in commentary								-	-	-	-	-	-	-		-
Total Core Costs			52.5%	-0.6%	29.0%	37.4%	4.1%	11.9%	-5.2%	-3.6%	-4.8%	-4.9%	-8.6%	-3.0%		1.6
Flooding			-	483.5%	-39.7%	353.0%	-62.1%	0.0%	0.0%	0.0%	-22.7%	0.0%	-35.3%	0.0%		0.9
BT21CN			-95.3%	2251.4%	210.1%	35.7%	2613.7%	3.3%	-1.6%	-71.5%	0.3%	-29.5%	-14.1%	27.1%		32.6
Technical losses and other environmental			-43.0%	-77.8%	18.3%	-0.7%	-20.9%	0.0%	0.0%	-7.3%	-15.8%	0.0%	0.0%	28.2%		0.3
High impact Low Probability (HILP)			-	-	-	-	-	-	-	-	-	-	-	-		-
Critical National Infrastructure																
Critical National Infrastructure ex ante			-	-	-	-	-	-	-	-	-	-	-	-		-
Critical National Infrastructure re-opener			-	-	-	-	-	-	-	-	-	-	-	-		-
Black Start			-	-	1607.2%	19.2%	0.0%	-1.0%	-0.1%	-0.1%	-35.8%	-100.0%	-	-		1.5
Rising Mains and Laterals			520.8%	131.3%	5.8%	43.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		1.9
Undergrounding Within/ Outside designated areas			-75.6%	-100.0%	-	-	-	-	-	-	-	-	-	-		-
Worst Served Customers			-	-	######	-14.5%	-50.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		1.1
Total Network Investment Costs			10.3%	-1.4%	20.2%	35.1%	5.6%	10.7%	-4.7%	-4.5%	-4.5%	-4.7%	-7.8%	-2.6%		1.4
Total Network Investment Costs - excluding undergrounding and WSC			10.3%	-1.4%	19.4%	35.5%	5.8%	10.7%	-4.8%	-4.5%	-4.5%	-4.7%	-7.8%	-2.6%		1.4
Network Operating Costs																
Trouble Call (CV15a)			35.6%	-19.8%	-5.0%	15.4%	0.2%	-5.4%	-0.7%	-5.5%	-5.5%	-5.3%	0.1%	-4.1%		0.9
ONIs (CV15b)			18.3%	27.9%	-5.0%	57.6%	-7.8%	-13.2%	-3.1%	-8.0%	-7.5%	-6.2%	1.5%	-6.3%		1.1
Severe Weather- Atypical			-	-	-	-100.0%	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		0.8
Inspections & Maintenance			48.2%	-16.2%	17.1%	36.3%	-8.0%	-5.4%	-0.4%	-7.6%	-7.1%	-4.8%	-5.0%	-8.6%		1.1
Tree Cutting			-55.6%	39.2%	-8.2%	12.2%	16.5%	0.1%	0.1%	-0.1%	0.6%	-1.2%	-1.1%	-1.3%		1.1
NOC's other			-	-	-100.0%	-	-	-	-	-	-	-	-	-		-
Total Network Operating Costs			35.5%	-12.1%	5.0%	20.3%	-3.0%	-6.7%	-1.0%	-6.5%	-6.2%	-5.2%	-1.2%	-5.7%		1.0
Closely associated Indirects																
Network Design & Engineering			-0.5%	-25.5%	14.8%	39.7%	15.3%	0.7%	0.1%	-14.1%	-0.9%	-0.9%	-17.3%	-20.3%		1.2
Project Management			-29.4%	-15.1%	-13.1%	39.8%	16.7%	0.9%	0.5%	0.1%	-0.8%	-0.9%	-20.4%	-2.1%		1.1
Engineering Mgt & Clerical Support			5.5%	-19.9%	-9.6%	39.7%	15.0%	-3.9%	-9.2%	-4.8%	-11.3%	-12.4%	-15.2%	-9.7%		1.0
System Mapping - Cartographical			-25.5%	-24.7%	5.1%	76.6%	-0.2%	-6.3%	-1.5%	-4.4%	-6.7%	-7.3%	-10.5%	-13.6%		1.1
Control Centre			18.1%	-5.4%	-12.7%	33.9%	4.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-13.0%	0.0%		1.2
Call Centre			21.9%	-29.8%	11.1%	63.5%	-0.9%	-5.6%	-1.0%	-3.6%	-5.4%	-5.9%	-8.6%	-11.0%		1.2
Stores			-6.0%	-22.0%	-1.3%	67.1%	-0.3%	-5.8%	-1.2%	-3.8%	-5.8%	-6.3%	-9.2%	-11.8%		1.1
Operational Training			34.9%	-27.6%	7.8%	78.3%	17.4%	-17.4%	-21.6%	0.8%	-9.7%	-14.7%	4.8%	-12.9%		1.1
Vehicles & Transport			27.6%	-7.4%	0.7%	58.2%	-0.5%	-5.3%	-0.9%	-3.3%	-4.8%	-5.4%	-7.8%	-10.0%		1.2
Network Policy			141.1%	-42.7%	-85.4%	41.7%	18.9%	-14.9%	1.0%	0.5%	0.6%	0.1%	-0.2%	-0.4%		0.3
Total Closely Associated Indirects			3.8%	-18.9%	-4.9%	45.8%	12.1%	-4.5%	-6.4%	-4.1%	-6.1%	-6.8%	-13.0%	-9.0%		1.1
Check																
Check to C1																
Atypicals Non Sev Weather (RAV)																
Atypicals Non Sev Weather			1040.1%	-90.7%	-100.0%	-	-	-	-	-	-	-	-	-		-
Smart meters																
Smart Meters - Costs subject to ex ante funding			-	-	-	278.4%	129.0%	66.1%	28.0%	9.1%	-1.0%	-27.2%				16.7
Smart Meters - Costs subject to volume driver			-	-	-	462.3%	158.9%	80.5%	29.3%	12.1%	-0.6%	-27.7%				22.4
Streetworks - reopener																
Connection project						-	-	-4.5%	-2.1%	2.6%	0.0%	-0.5%	-0.3%	-0.6%		-
Network Investment						-	-	-	-	-	-	-	-	-		-
Network Operating Costs associated with planned and capital work						-	-	-	-	-	-	-	-	-		-
Network Operating Costs associated with unplanned fault work						-	-	2.4%	0.4%	-1.7%	0.5%	0.8%	0.7%	0.9%		-
TOTAL Costs - excluding business support and other price control costs			45.4%	-31.5%	0.7%	34.4%	6.3%	-0.8%	-3.7%	-4.5%	-5.6%	-6.5%	-10.5%	-6.2%		1.1
Business support costs																
HR & Non-operational Training			31.4%	-36.9%	-7.1%	74.7%	-3.3%	-6.1%	-1.6%	-4.5%	-6.0%	-7.0%	-9.9%	-12.7%		1.0
Finance & Regulation			-4.0%	-22.6%	3.5%	38.3%	9.8%	0.9%	0.6%	0.1%	-0.1%	-0.6%	-1.3%	-23.4%		1.3
CEO			-40.4%	30.3%	-6.7%	74.6%	-2.8%	-6.4%	-1.7%	-4.6%	-6.2%	-7.1%	-10.0%	-12.9%		1.2
IT & Telecoms			-85.5%	156.5%	17.8%	67.9%	2.7%	-4.3%	-4.5%	-4.6%	-5.4%	-6.6%	-9.2%	-11.3%		1.2
Property Mgt			-68.1%	-60.8%	42.1%	0.7%	-2.0%	-3.7%	-0.4%	-0.9%	-0.7%	-1.1%	-1.3%	-1.7%		0.5
Total Business Support Costs			-37.7%	-11.5%	1.4%	51.7%	3.5%	-2.4%	-1.2%	-2.2%	-2.8%	-3.5%	-4.9%	-17.9%		1.1
Other price control costs																
Non Op Capex			-100.0%	-	-126.5%	-22.4%	-44.1%	12.4%	12.3%	6.5%	8.9%	2.6%	3.1%	5.3%		0.0
Atypicals Non Sev Weather (non RAV)			######	-98.0%	2614.8%	0.0%	-100.0%	-	-	-	-	-	-	-		-
Stand Alone Funding (non RAV)																
IFI			-100.0%	-	-	-										
LCN Fund First Tier			-	-	-100.0%	-										
LCN Fund Second Tier			-	-	-	-	-	-	-	-	-	-	-	-		-
Costs Within Price Control																
Total Costs within Price Control			41.7%	-33.4%	4.0%	34.3%	3.3%	-0.9%	-3.5%	-4.4%	-5.3%	-6.3%	-10.0%	-7.2%		1.0
Non Price Control																
Element of connection that is Sole Use funded			1969.6%	20.9%	-17.5%	10.1%	22.5%	2.3%	-0.5%	-0.9%	0.2%	-0.1%	-0.3%	-0.6%		1.6
Connection projects UMC			174.6%	23.7%	82.2%	-12.5%	-17.2%	0.9%	-4.0%	-0.1%	-0.4%	-1.3%	-1.0%	-0.8%		1.2
Connection projects: DG			111.6%	67.2%	17.0%	5.6%	-100.0%		-	-	-	-	-	-		-
Connections (Non Price Control) Total			1136.0%	22.5%	-9.9%	7.0%	11.7%	2.2%	-0.8%	-0.9%	0.1%	-0.2%	-0.3%	-0.6%		1.4

Directly remunerated services - (gross) costs																														
Diversionary works under obligation (ES2)	£m	0.17	0.11	0.09	0.13	0.12	0.09	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.6	0.6	-35.6%	-19.8%	39.6%	-2.7%	-22.4%	-28.8%	0.0%	-0.1%	-0.3%	-0.6%	-0.8%	-1.0%	0.6
Work required by any alteration premises (ES3)	£m	0.09	0.11	0.08	0.10	0.10	0.08	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.5	33.2%	-28.7%	26.7%	-2.7%	-22.4%	-28.8%	0.0%	-0.1%	-0.3%	-0.6%	-0.8%	-1.0%	0.6
Top up standby and enhanced system security (ES4)	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Revenue protection services (ES5)	£m	0.06	0.04	0.02	0.05	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.2	0.2	-39.4%	-40.2%	134.7%	-2.2%	-22.2%	-28.8%	-0.3%	-0.6%	-0.8%	-1.1%	-1.3%	-1.5%	0.7
Metering services (non legacy) (ES6)	£m	0.15	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-100.0%	-	-	-	-	-	-	-	-	-	-	-	-
Metering services (legacy)	£m	0.07	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-100.0%	-	-	-	-	-	-	-	-	-	-	-	-
Metering services associated with the SM roll out	£m	-	-	-	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.01	-	-	0.0	0.1	-	-	-	509.0%	161.6%	81.9%	29.4%	12.4%	-0.6%	-27.8%	-100.0%	-	17.3
De minimis activities	£m	0.01	0.02	0.10	0.01	0.01	0.00	0.00	-	-	-	-	-	-	0.1	0.0	71.3%	496.6%	-89.8%	-18.5%	-45.6%	-81.0%	-100.0%	-	-	-	-	-	0.0
Out of area networks	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other consented activities	£m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	£m	**0.56**	**0.28**	**0.29**	**0.29**	**0.29**	**0.22**	**0.17**	**0.17**	**0.17**	**0.17**	**0.16**	**0.15**	**0.15**	**1.71**	**1.35**	-49.6%	4.6%	-0.3%	-2.4%	-21.4%	-26.5%	1.6%	1.0%	-0.4%	-3.6%	-8.7%	-1.1%	0.5
Directly remunerated services - revenue																														
Diversionary works under obligation (ES2)	£m																													
Work required by any alteration premises (ES3)	£m																													
Top up standby and enhanced system security (ES4)	£m																													
Revenue protection services (ES5)	£m																													
Metering services (non legacy) (ES6)	£m																													
Metering services (legacy)	£m																													
Metering services associated with the SM roll out	£m																													
De minimis activities	£m																													
Out of area networks	£m																													
Other consented activities	£m																													
Total	£m																													
Excluded services																														
Excluded Services Miscellaneous (ES7)	£m																													
Non Price Control																														
Atypicals Non Sev Weather (Non Price Control)																														
Costs outside Price Control																														
Total Costs outside Price Control		0.40	0.48	0.49	0.47	0.48	0.55	0.54	0.54	0.54	0.54	0.55	0.56	0.56	2.3	4.4	20.6%	2.9%	-4.4%	2.5%	13.4%	-1.1%	-0.4%	0.1%	1.1%	1.1%	1.1%	1.1%	1.2
NABC																														
Wheeled Units Imported	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Business Rates	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Ofgem Licence Fee	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Shetland Balancing Costs	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental Ring Fence Compliance Costs	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
DCC Licence Fee	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Ongoing Indirect/IT and data services - Subject to pass through (excluding DC	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Pass through - Transmission connection point charges	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Bad Debt Expense (net of recoveries)	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Sale of fixed assets and scrap	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions Deficit Repair Payments	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Contingent Pension Asset Costs	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Other non activity based costs (excluding pension established deficit repair and	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Total	Non-controllable opex																-	-	-	-	-	-	-	-	-	-	-	-	-
Total DNO																														
Total DNO		9.72	14.10	10.03	10.25	13.38	13.84	13.70	13.25	12.72	12.12	11.44	10.43	9.77	57.5	97.3	45.0%	-28.9%	2.2%	30.5%	3.5%	-1.1%	-3.2%	-4.0%	-4.7%	-5.6%	-8.9%	-6.3%	1.1
Totals non-variant by category																														
Load related capex		0.69	0.41	0.27	0.20	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	0.00													
Non-load related capex - asset replacement		0.73	1.14	1.24	1.55	2.12	2.25	2.47	2.33	2.33	2.25	2.15	1.92	1.87	6.77	17.57													
Non-load related capex - other		0.04	0.02	0.03	0.12	0.11	0.10	0.10	0.11	0.07	0.08	0.08	0.08	0.08	0.33	0.70													
Faults		1.80	2.39	2.09	2.16	2.47	2.45	2.27	2.24	2.10	1.98	1.87	1.88	1.80	10.91	16.58													
Tree cutting		0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	0.14													
Pensions and other															0.00	0.00													
Controllable opex		5.80	8.32	4.90	4.58	6.67	7.12	6.81	6.47	6.19	5.83	5.48	4.89	4.39	30.26	47.17													

SPN
Price base (2012/13)

	Network Investment Costs (RAV)																													Network Operating Costs (RAV)							Closely ass				
	Connections			Core Costs															Non core							Stand Alone Funding			Network Operating Costs							Closely				
	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmision Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS- Ex ante	QoS- DNO funded	High Value Projects - ex ante	High Value Projects - reopener	**Total Core Costs**	Flooding	BT21CN	Technical losses and other environmental	High impact Low Probability (HILP)	Critical National Infrastructure	Black Start	Rising Mains and Laterals	Undergrounding Within/ Outside designated areas	Worst Served Customers	**Total Network Investment Costs**	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather- Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	**Network Operating Costs**	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m
2011	26.97	5.54	2.69	5.31		25.45	-	9.36	32.07	6.15	5.87	0.37	0.88	5.03	-	2.97	-	93.45	0.02	0.00	1.20	-	-	-	0.27	0.81	-	130.96	35.75	6.03	-	9.75	7.65	1.49	60.66	7.21	8.25	23.92	1.43	4.78
2012	7.09	4.01	2.01	9.66		12.51	-	6.48	30.06	1.16	6.30	0.61	1.62	2.04	-	6.79	-	77.23	0.02	0.00	0.47	-	-	-	0.32	0.19	-	91.35	35.88	4.76	-	11.35	7.77	1.14	60.89	5.74	4.55	20.97	1.89	4.76
2013	1.92	2.83	1.83	6.63		10.92	-	3.05	31.58	1.54	3.79	2.08	3.91	4.73	-	11.76	-	80.01	0.65	0.04	0.48	-	-	0.01	1.46	0.64	0.07	89.94	31.88	6.63	-	10.97	7.96	1.79	59.23	4.95	4.91	20.96	1.59	4.60
2014	1.43	2.61	1.26	3.64		14.41	-	8.73	26.57	5.68	4.36	4.68	4.66	1.71	-	7.68	-	82.11	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	92.61	34.25	6.28	4.75	11.16	6.31	2.16	64.91	5.79	5.39	24.30	1.61	4.51
2015	0.43	2.63	1.27	7.36		27.60	-	9.01	28.04	4.29	6.45	4.38	5.73	0.58	-	10.02	-	103.44	1.54	0.16	0.49	-	-	0.73	1.92	1.48	0.71	114.79	23.24	6.60	-	11.02	7.08	2.16	50.10	6.16	5.67	25.17	1.70	4.70
DPCR5	37.84	17.64	9.06	32.60		90.88	-	36.64	148.32	18.82	26.77	12.12	16.79	14.08	-	39.22	-	436.23	2.57	0.32	3.14	-	-	1.35	5.31	4.60	1.61	519.66	161.00	30.30	4.75	54.25	36.76	8.73	295.79	29.85	28.77	115.32	8.22	23.35
2016	-	2.65	1.28	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.17	-	89.60	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	106.01	22.49	5.38	0.75	9.16	8.25	2.43	48.46	6.13	5.47	24.51	1.67	4.73
2017	-	2.68	1.29	6.36	-	30.68	1.72	3.62	39.89	2.43	6.08	3.80	6.99	-	0.86	6.27	-	107.83	0.58	4.35	0.39	-	-	0.72	1.99	1.73	0.35	121.91	22.41	4.92	0.75	9.12	8.26	2.43	47.89	5.98	5.49	24.27	1.69	4.73
2018	-	2.70	1.30	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.20	-	104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	118.76	22.24	4.77	0.75	9.09	8.27	2.43	47.54	5.82	5.35	23.50	1.68	4.73
2019	-	2.72	1.31	6.20	-	20.38	3.43	3.41	37.73	2.73	6.69	4.09	3.78	-	0.36	5.75	-	94.19	0.58	1.22	0.36	-	2.50	0.72	1.99	1.73	0.35	107.66	22.12	4.62	0.75	8.84	8.26	2.43	47.01	5.53	5.18	22.89	1.65	4.73
2020	-	2.74	1.32	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.75	-	87.29	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	100.85	22.01	4.49	0.75	8.64	8.31	2.43	46.63	5.29	4.97	21.87	1.63	4.73
2021	-	2.74	1.33	8.72	-	15.20	3.43	3.22	34.10	3.73	5.80	4.72	3.20	-	0.36	2.83	-	84.95	0.45	0.86	0.30	-	1.00	-	1.99	1.73	0.35	95.70	21.95	4.44	0.75	8.66	8.21	2.43	46.43	5.15	4.84	21.14	1.62	4.73
2022	-	2.78	1.34	10.44	-	21.89	3.43	3.13	29.99	3.88	4.22	5.08	3.00	-	0.36	-	-	85.06	0.29	0.74	0.30	-	-	-	1.99	1.73	0.35	94.58	21.96	4.74	0.75	8.66	8.12	2.43	46.66	5.05	4.73	20.76	1.63	4.63
2023	-	2.80	1.36	7.49	-	19.88	3.43	3.05	31.84	2.68	4.24	5.21	3.04	-	0.36	-	-	80.86	0.29	0.94	0.39	-	-	-	1.99	1.73	0.35	90.70	22.16	4.68	0.75	8.33	8.01	2.43	46.37	4.79	4.58	20.07	1.60	4.63
RIIO-ED1	-	21.80	10.50	58.40	-	177.72	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	734.50	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	836.18	177.34	38.05	6.00	70.50	65.69	19.41	376.99	43.75	40.62	179.01	13.17	37.65

Total Net Costs Before Allocations

	Network Investment Costs (RAV)																													Network Operating Costs (RAV)							Closely ass				
	Connections			Core Costs															Non core							Stand Alone Funding			Network Operating Costs							Closely				
	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmision Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS- ex ante	QoS- DNO funded	High Value Projects - ex ante	High Value Projects - reopener	**Total Core Costs**	Flooding	BT21CN	Technical losses and other environmental	High impact Low Probability (HILP)	Critical National Infrastructure	Black Start	Rising Mains and Laterals	Undergrounding Within/ Outside designated areas	Worst Served Customers	**Total Network Investment Costs**	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather- Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	**Network Operating Costs**	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m
2011	(11.48)	5.54	0.74	5.31		25.45	-	9.36	32.07	6.11	5.87	0.37	0.88	5.03	-	2.97	-	93.41	0.02	0.00	1.20	-	-	-	0.27	0.81	-	90.51	31.81	5.82	-	9.72	7.65	1.49	56.50	7.21	8.25	23.92	1.43	4.78
2012	(4.99)	4.01	0.65	9.66		12.48	-	6.48	29.96	1.15	6.30	0.61	1.62	2.04	-	6.79	-	77.09	0.02	0.00	0.47	-	-	-	0.32	0.19	-	77.77	31.59	4.41	-	11.32	7.77	1.14	56.24	5.74	4.55	20.97	1.89	4.76
2013	(1.54)	2.83	(0.41)	6.63		10.92	-	3.05	31.54	1.54	3.79	2.08	3.91	4.73	-	11.76	-	79.96	0.65	0.04	0.48	-	-	0.01	1.46	0.64	0.07	84.21	28.75	6.33	-	10.97	7.96	1.77	55.77	4.95	4.91	20.96	1.59	4.60
2014	(0.64)	2.61	(0.61)	3.45		14.41	-	8.73	26.57	5.68	4.36	4.68	4.66	1.71	-	7.68	-	81.92	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	88.49	30.94	6.28	4.75	11.16	6.31	2.16	61.60	5.79	5.39	24.30	1.61	4.51
2015	(0.19)	2.63	(0.63)	7.22		27.60	-	9.01	28.04	4.29	6.45	4.38	5.73	0.58	-	10.02	-	103.30	1.54	0.16	0.49	-	-	0.73	1.92	1.48	0.71	112.13	19.93	6.60	-	11.02	7.08	2.16	46.79	6.16	5.67	25.17	1.70	4.70
DPCR5	(18.84)	17.64	(0.26)	32.27		90.85	-	36.64	148.17	18.77	26.77	12.12	16.79	14.08	-	39.22	-	435.67	2.57	0.32	3.14	-	-	1.35	5.31	4.60	1.61	453.10	143.02	29.44	4.75	54.20	36.76	8.72	276.89	29.85	28.77	115.32	8.22	23.35
2016	-	2.65	(0.64)	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.17	-	89.60	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	104.10	19.18	5.38	0.75	9.16	8.25	2.43	45.15	6.13	5.47	24.51	1.67	4.73
2017	-	2.68	(0.67)	6.36	-	30.68	1.72	3.62	39.89	2.43	6.08	3.80	6.99	-	0.86	6.27	-	107.83	0.58	4.35	0.39	-	-	0.72	1.99	1.73	0.35	119.95	19.09	4.92	0.75	9.12	8.26	2.43	44.57	5.98	5.49	24.27	1.69	4.73
2018	-	2.70	(0.67)	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.20	-	104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	116.80	18.93	4.77	0.75	9.09	8.27	2.43	44.23	5.82	5.35	23.50	1.68	4.73
2019	-	2.72	(0.67)	6.20	-	20.38	3.43	3.41	37.73	2.73	6.69	4.09	3.78	-	0.36	5.75	-	94.19	0.58	1.22	0.36	-	2.50	0.72	1.99	1.73	0.35	105.69	18.80	4.62	0.75	8.84	8.26	2.43	43.70	5.53	5.18	22.89	1.65	4.73
2020	-	2.74	(0.66)	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.75	-	87.29	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	98.87	18.69	4.49	0.75	8.64	8.31	2.43	43.32	5.29	4.97	21.87	1.63	4.73
2021	-	2.74	(0.65)	8.72	-	15.20	3.43	3.22	34.10	3.73	5.80	4.72	3.20	-	0.36	2.83	-	84.95	0.45	0.86	0.30	-	1.00	-	1.99	1.73	0.35	93.72	18.63	4.44	0.75	8.66	8.21	2.43	43.12	5.15	4.84	21.14	1.62	4.73
2022	-	2.78	(0.64)	10.44	-	21.89	3.43	3.13	29.99	3.88	4.22	5.08	3.00	-	0.36	-	-	85.06	0.29	0.74	0.30	-	-	-	1.99	1.73	0.35	92.60	18.65	4.74	0.75	8.66	8.12	2.43	43.35	5.05	4.73	20.76	1.63	4.63
2023	-	2.80	(0.63)	7.49	-	19.88	3.43	3.05	31.84	2.68	4.24	5.21	3.04	-	0.36	-	-	80.86	0.29	0.94	0.39	-	-	-	1.99	1.73	0.35	88.72	18.85	4.68	0.75	8.33	8.01	2.43	43.05	4.79	4.58	20.07	1.60	4.63
RIIO-ED1	-	21.80	(5.22)	58.40	-	177.72	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	734.50	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	820.45	150.84	38.05	6.00	70.50	65.69	19.41	350.49	43.75	40.62	179.01	13.17	37.65

Total Net Costs after allocation for RAV

	Network Investment Costs (RAV)																													Network Operating Costs (RAV)							Closely ass				
	Connections			Core Costs															Non core							Stand Alone Funding			Network Operating Costs							Closely				
	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmision Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS- ex ante	QoS- DNO funded	High Value Projects - ex ante	High Value Projects - reopener	**Total Core Costs**	Flooding	BT21CN	Technical losses and other environmental	High impact Low Probability (HILP)	Critical National Infrastructure	Black Start	Rising Mains and Laterals	Undergrounding Within/ Outside designated areas	Worst Served Customers	**Total Network Investment Costs**	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather- Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	**Network Operating Costs**	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m
2011	(1.36)	5.54	1.40	5.31		25.45	-	9.36	32.10	6.21	5.81	0.37	0.88	5.03	-	2.97	-	93.48	0.02	0.00	1.20	-	-	-	0.27	0.81	-	101.37	31.81	5.82	-	9.72	7.65	1.49	56.50	5.72	7.25	19.50	1.25	4.78
2012	(1.28)	4.01	1.06	9.66		12.48	-	6.48	29.96	1.15	6.30	0.61	1.62	2.04	-	6.79	-	77.09	0.02	0.00	0.47	-	-	-	0.32	0.19	-	81.89	31.59	4.41	-	11.32	7.77	1.14	56.24	3.87	3.59	16.60	1.48	4.74
2013	(0.57)	2.83	0.21	6.63		10.92	-	3.05	31.54	1.54	3.79	2.08	3.91	4.73	-	11.76	-	79.96	0.65	0.04	0.48	-	-	0.01	1.46	0.64	0.07	85.79	28.75	6.33	-	10.97	7.96	1.77	55.77	3.09	3.51	16.65	1.10	4.59
2014	0.19	2.61	0.04	3.45		14.41	-	8.73	26.57	5.68	4.36	4.68	4.66	1.71	-	7.68	-	81.92	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	89.97	30.94	6.28	4.75	11.16	6.31	2.16	61.60	4.20	4.27	20.62	1.22	4.50
2015	0.06	2.63	0.00	7.22		27.60	-	9.01	28.04	4.29	6.45	4.38	5.73	0.58	-	10.02	-	103.30	1.54	0.16	0.49	-	-	0.73	1.92	1.48	0.71	113.01	19.93	6.60	-	11.02	7.08	2.16	46.79	4.49	4.48	21.28	1.29	4.69
DPCR5	(2.96)	17.64	2.70	32.27		90.86	-	36.64	148.20	18.87	26.70	12.12	16.79	14.08	-	39.22	-	435.75	2.57	0.32	3.14	-	-	1.35	5.31	4.60	1.61	472.02	143.02	29.44	4.75	54.20	36.76	8.72	276.89	21.36	23.10	94.65	6.33	23.30
2016	-	2.65	(0.06)	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.17	-	89.60	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	104.68	19.18	5.38	0.75	9.16	8.25	2.43	45.15	4.49	4.31	20.68	1.26	4.72
2017	-	2.68	(0.05)	6.36	-	30.68	1.72	3.62	39.89	2.43	6.08	3.80	6.99	-	0.86	6.27	-	107.83	0.58	4.35	0.39	-	-	0.72	1.99	1.73	0.35	120.57	19.09	4.92	0.75	9.12	8.26	2.43	44.57	4.38	4.36	20.55	1.28	4.72
2018	-	2.70	(0.04)	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.20	-	104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	117.43	18.93	4.77	0.75	9.09	8.27	2.43	44.23	4.23	4.22	19.80	1.26	4.72
2019	-	2.72	(0.03)	6.20	-	20.38	3.43	3.41	37.73	2.73	6.69	4.09	3.78	-	0.36	5.75	-	94.19	0.58	1.22	0.36	-	2.50	0.72	1.99	1.73	0.35	106.32	18.80	4.62	0.75	8.84	8.26	2.43	43.70	3.96	4.07	19.24	1.23	4.72
2020	-	2.74	(0.02)	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.75	-	87.29	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	99.51	18.69	4.49	0.75	8.64	8.31	2.43	43.32	3.72	3.86	18.23	1.20	4.72
2021	-	2.74	(0.02)	8.72	-	15.20	3.43	3.22	34.10	3.73	5.80	4.72	3.20	-	0.36	2.83	-	84.95	0.45	0.86	0.30	-	1.00	-	1.99	1.73	0.35	94.35	18.63	4.44	0.75	8.66	8.21	2.43	43.12	3.61	3.75	17.56	1.19	4.72
2022	-	2.78	(0.01)	10.44	-	21.89	3.43	3.13	29.99	3.88	4.22	5.08	3.00	-	0.36	-	-	85.06	0.29	0.74	0.30	-	-	-	1.99	1.73	0.35	93.23	18.65	4.74	0.75	8.66	8.12	2.43	43.35	3.54	3.66	17.24	1.19	4.62
2023	-	2.80	(0.00)	7.49	-	19.88	3.43	3.05	31.84	2.68	4.24	5.21	3.04	-	0.36	-	-	80.86	0.29	0.94	0.39	-	-	-	1.99	1.73	0.35	89.35	18.85	4.68	0.75	8.33	8.01	2.43	43.05	3.32	3.53	16.65	1.17	4.62
RIIO-ED1	-	21.80	(0.23)	58.40	-	177.72	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	734.50	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	825.45	150.84	38.05	6.00	70.50	65.69	19.41	350.49	31.25	31.76	149.95	9.78	37.56

ociated Indirects (RAV)						Atypicals	Smart Meters															Costs	Non Price Control						Costs	NABC				Total DNO
associated Indirects						Atypicals	Smart Meters					Business Support							Non Op	Atypicals	Stand	Costs	Connections outside of RAV				Non Price	Atypicals	Costs	NABC				Total DNO
																							Excl services	Excl services										
Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy (RIIO-ED1 period)	**Closely Associated Indirects**	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	**Total Smart Meters**	**TOTAL RAV related Costs**	Network Policy (DPCR5 period)	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	**Total Business Support Costs**	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	**Total Costs within Price Control**	Element of connection that is Sole Use funded	Connection projects UMC; DPCR5	Blank column added to maintain consistency	**Connections (Non Price Control)**	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	**Total Costs outside Price Control**	Pass through	Pensions Deficit Repair Payments	All other non activity based costs	**Total Non Activity Based costs**	**Total DNO**
£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	**£'m**	**£'m**		£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	£'m	£'m		**£'m**	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	**£'m**
1.76	2.15	5.23	7.80		62.53	7.27	-	-	-	-	261.42	0.34	2.21	9.25	2.46	11.07	8.31	33.65	7.04	0.23	1.16	303.51	0.75	0.38	0.25	1.37	13.21	-	14.58	20.45	79.21	-	99.66	417.75
1.99	1.76	5.31	7.13		54.12	8.83	-	-	-	-	215.19	0.40	2.66	8.78	2.37	11.35	6.52	32.07	15.05	3.05	0.91	266.28	14.95	1.60	0.33	16.88	8.38	0.09	25.36	21.94	21.70	-	43.64	335.28
2.11	1.78	4.77	6.98		52.65	1.33	-	-	-	-	203.16	0.31	1.96	6.83	2.00	8.75	5.28	25.13	18.49	1.11	1.25	249.14	16.70	1.47	0.58	18.76	10.58	0.05	29.39	26.50	20.58	-	47.08	325.61
2.59	1.74	5.22	7.89		59.04	0.32	-	-	-	0.13	217.02	0.28	1.96	7.91	2.30	8.95	5.19	26.59	13.72	2.32	1.43	261.07	16.91	3.76	0.83	21.50	5.76	-	27.26	31.48	28.95	-	60.43	348.76
2.66	1.80	5.88	7.93		61.66	0.32	-	-	-	0.52	227.38	0.27	2.00	8.01	2.35	9.30	5.19	27.13	9.64	2.32	1.07	267.54	17.66	3.41	0.89	21.97	5.24	-	27.20	33.68	28.95	-	62.63	357.37
11.11	9.23	26.41	37.73		290.00	18.06	-	-	-	0.66	1,124.17	1.60	10.79	40.78	11.48	49.43	30.49	144.57	63.95	9.03	5.82	1,347.55	66.97	10.63	2.89	80.49	43.17	0.14	123.80	134.05	179.38	-	313.43	1,784.78
2.46	1.80	6.83	7.93	0.27	61.80	-	1.22	-	-	1.22	217.50		1.98	7.97	2.33	9.65	5.06	27.00	7.65	-	-	252.14	20.75	3.07	-	23.82	4.21	-	28.03	33.60	28.13	-	61.73	341.90
1.87	1.79	5.96	7.92	0.27	59.97	-	2.05	-	-	2.05	231.81		1.95	7.88	2.29	9.55	4.84	26.51	12.38	-	-	270.70	20.68	2.92	-	23.60	3.18	-	26.78	34.13	28.13	-	62.26	359.74
1.87	1.79	4.79	7.92	0.26	57.71	-	2.63	-	-	2.63	226.65		1.92	7.78	2.26	9.09	4.77	25.83	9.60	-	-	262.08	20.63	2.78	-	23.41	2.95	-	26.36	35.83	28.13	-	63.95	352.40
1.86	1.78	4.97	7.92	0.28	56.80	-	2.90	-	-	2.90	214.37		1.90	7.69	2.23	9.06	4.71	25.57	11.84	-	-	251.79	20.58	2.78	-	23.36	2.96	-	26.33	36.16	28.13	-	64.29	342.40
1.85	1.78	4.75	7.91	0.27	55.05	-	2.89	-	-	2.89	205.43		1.87	7.59	2.19	8.96	4.65	25.26	11.88	-	-	242.56	20.80	2.78	-	23.58	2.97	-	26.55	36.03	28.13	-	64.16	333.28
1.85	1.77	4.37	7.91	0.27	53.65	-	2.14	-	-	2.14	197.92		1.84	7.50	2.16	8.83	4.59	24.92	10.64	-	-	233.47	21.02	2.78	-	23.80	2.99	-	26.79	37.00	28.13	-	65.13	325.39
1.83	1.76	4.91	7.90	0.27	53.47	-	0.53	-	-	0.53	195.24		1.81	7.42	2.12	8.71	4.54	24.61	12.44	-	-	232.29	21.25	2.78	-	24.03	3.00	-	27.03	35.54	28.13	-	63.67	322.99
1.82	1.75	4.81	7.89	0.27	52.22	-	0.53	-	-	0.53	189.81		1.78	7.23	2.09	8.61	4.48	24.19	10.74	-	-	224.74	21.48	2.78	-	24.26	3.01	-	27.27	35.75	28.13	-	63.88	315.89
15.41	14.21	41.39	63.30	2.15	450.67	-	14.88	-	-	14.88	1,678.72		15.06	61.07	17.66	72.45	37.64	203.87	87.18	-	-	1,969.78	167.18	22.69	-	189.87	25.28	-	215.15	284.05	225.02	-	509.06	2,693.99

ociated Indirects (RAV)						Atypicals	Smart Meters															Costs	Non Price Control						Costs	NABC				Total DNO
associated Indirects						Atypicals	Smart Meters					Business Support							Non Op	Atypicals	Stand	Costs	Connections outside of RAV				Non Price	Atypicals	Costs	NABC				Total DNO
																							Excl services	Excl services										
Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy (RIIO-ED1 period)	**Closely Associated Indirects**	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	**Total Smart Meters**	**TOTAL RAV related Costs**	Blank (inserted for consistency with DPCR5)	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	**Total Business Support Costs**	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	**Total Costs within Price Control**	Element of connection that is Sole Use funded	Connection projects UMC; DPCR5	Blank column added to maintain consistency	**Connections (Non Price Control)**	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	**Total Costs outside Price Control**	Pass through	Pensions Deficit Repair Payments	All other non activity based costs	**Total Non Activity Based costs**	**Total DNO**
£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	**£'m**	**£'m**		£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	£'m	£'m		**£'m**	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	**£'m**
1.76	2.15	5.23	7.80		62.53	7.27	-	-	-	-	216.80	0.34	2.21	9.05	2.46	11.07	8.31	33.44	7.04	0.23	1.15	258.67	(0.40)	(0.13)	(0.05)	(0.57)	13.21	-	12.64	20.45	79.21	-	99.66	370.96
1.99	1.76	5.31	7.13		54.12	8.83	-	-	-	-	196.95	0.40	2.66	8.38	2.37	11.35	6.52	31.67	15.05	3.05	0.91	247.65	(7.77)	(0.61)	(0.49)	(8.87)	8.38	0.09	(0.39)	21.94	21.70	-	43.64	290.89
2.11	1.78	4.77	6.98		52.65	1.33	-	-	-	-	193.96	0.31	1.96	6.66	2.00	8.75	5.28	24.97	18.49	1.11	1.25	239.78	(6.10)	(0.70)	(0.28)	(7.09)	6.65	0.05	(0.38)	26.50	20.58	-	47.08	286.48
2.59	1.74	5.22	7.89		59.04	0.32	-	-	-	0.13	209.58	0.28	1.96	7.66	2.30	8.95	5.19	26.34	13.72	2.32	1.43	253.38	(10.62)	(1.63)	(0.49)	(12.75)	0.67	-	(12.08)	31.48	28.95	-	60.43	301.73
2.66	1.80	5.88	7.93		61.66	0.32	-	-	-	0.52	221.41	0.27	2.00	7.75	2.35	9.30	5.19	26.87	9.64	2.32	1.07	261.31	(11.14)	(1.53)	(0.54)	(13.21)	1.07	-	(12.13)	33.68	28.95	-	62.63	311.81
11.11	9.23	26.41	37.73		290.00	18.06	-	-	-	0.66	1,038.71	1.60	10.79	39.50	11.48	49.43	30.49	143.29	63.95	9.03	5.80	1,260.79	(36.03)	(4.60)	(1.85)	(42.48)	29.99	0.14	(12.35)	134.05	179.38	-	313.43	1,561.87
2.46	1.80	6.83	7.93	0.27	61.80	-	1.22	-	-	1.22	212.27		1.98	7.72	2.33	9.65	5.06	26.74	7.65	-	-	246.66	(12.87)	(1.39)	-	(14.25)	1.94	-	(12.32)	33.60	28.13	-	61.73	296.07
1.87	1.79	5.96	7.92	0.27	59.97	-	2.05	-	-	2.05	226.54		1.95	7.63	2.29	9.55	4.84	26.26	12.38	-	-	265.18	(13.28)	(1.39)	-	(14.67)	2.75	-	(11.93)	34.13	28.13	-	62.26	315.51
1.87	1.79	4.79	7.92	0.26	57.71	-	2.63	-	-	2.63	221.37		1.92	7.54	2.26	9.09	4.77	25.58	9.60	-	-	256.55	(13.09)	(1.32)	-	(14.41)	2.95	-	(11.46)	35.83	28.13	-	63.95	309.05
1.86	1.78	4.97	7.92	0.28	56.80	-	2.90	-	-	2.90	209.08		1.90	7.44	2.23	9.06	4.71	25.33	11.84	-	-	246.25	(12.89)	(1.30)	-	(14.19)	2.96	-	(11.23)	36.16	28.13	-	64.29	299.31
1.85	1.78	4.75	7.91	0.27	55.05	-	2.89	-	-	2.89	200.14		1.87	7.35	2.19	8.96	4.65	25.02	11.88	-	-	237.03	(12.78)	(1.27)	-	(14.05)	2.97	-	(11.08)	36.03	28.13	-	64.16	290.12
1.85	1.77	4.37	7.91	0.27	53.65	-	2.14	-	-	2.14	192.63		1.84	7.26	2.16	8.83	4.59	24.68	10.64	-	-	227.95	(12.68)	(1.25)	-	(13.93)	2.99	-	(10.94)	37.00	28.13	-	65.13	282.13
1.83	1.76	4.91	7.90	0.27	53.47	-	0.53	-	-	0.53	189.95		1.81	7.18	2.12	8.71	4.54	24.37	12.44	-	-	226.76	(12.59)	(1.22)	-	(13.81)	3.00	-	(10.81)	35.54	28.13	-	63.67	279.62
1.82	1.75	4.81	7.89	0.27	52.22	-	0.53	-	-	0.53	184.52		1.78	7.00	2.09	8.61	4.48	23.95	10.74	-	-	219.21	(12.47)	(1.20)	-	(13.67)	3.01	-	(10.65)	35.75	28.13	-	63.88	272.43
15.41	14.21	41.39	63.30	2.15	450.67	-	14.88	-	-	14.88	1,636.49		15.06	59.12	17.66	72.45	37.64	201.93	87.18	-	-	1,925.60	(102.65)	(10.34)	-	(112.99)	22.57	-	(90.43)	284.05	225.02	-	509.06	2,344.24

ociated Indirects (RAV)						Atypicals	Smart Meters															Costs	Non Price Control						Costs	NABC				Total DNO
associated Indirects						Atypicals	Smart Meters					Business Support							Non Op	Atypicals	Stand	Costs	Connections outside of RAV				Non Price	Atypicals	Costs	NABC				Total DNO
																							Excl services	Excl services										
Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy (RIIO-ED1 period)	**Closely Associated Indirects**	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	**Total Smart Meters**	**TOTAL RAV related Costs**	Blank (inserted for consistency with DPCR5)	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	**Total Business Support Costs**	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	**Total Costs within Price Control**	Element of connection that is Sole Use funded	Connection projects UMC; DPCR5	Blank column added to maintain consistency	**Connections (Non Price Control)**	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	**Total Costs outside Price Control**	Pass through	Pensions Deficit Repair Payments	All other non activity based costs	**Total Non Activity Based costs**	**Total DNO**
£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	**£'m**	**£'m**		£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	£'m	£'m		**£'m**	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	**£'m**
1.56	1.74	4.59	6.71		53.09	7.27	-	-	-	-	218.22	0.34	1.83	8.27	2.01	9.41	6.88	28.74	6.91	0.23	1.15	255.25	0.01	0.06	0.17	0.24	15.89	-	16.13	20.45	79.21	-	99.66	371.04
1.85	1.45	4.57	5.99		44.14	8.83	-	-	-	-	191.09	0.39	2.15	7.55	1.81	9.15	5.11	26.17	14.14	3.05	0.91	235.37	0.29	0.20	(0.12)	0.37	11.43	0.09	11.89	21.94	21.70	-	43.64	290.90
1.86	1.45	4.00	5.75		41.99	1.33	-	-	-	-	184.88	0.31	1.59	5.69	1.57	7.10	4.20	20.47	15.84	1.11	1.25	223.55	5.64	0.27	0.22	6.13	9.67	0.05	15.85	26.50	20.58	-	47.08	286.48
2.39	1.48	4.58	6.83		50.09	0.32	-	-	-	0.13	202.11	0.27	1.51	6.45	1.77	6.89	4.02	20.92	9.89	2.32	1.43	236.66	(0.20)	(0.03)	0.01	(0.23)	4.70	-	4.47	31.48	28.95	-	60.43	301.56
2.45	1.51	5.20	6.82		52.21	0.32	-	-	-	0.52	212.84	0.27	1.62	6.74	1.91	7.57	4.20	22.31	6.63	2.32	1.07	245.16	(0.67)	(0.15)	(0.02)	(0.84)	4.68	-	3.84	33.68	28.95	-	62.63	311.63
10.12	7.63	22.94	32.09		241.52	18.06	-	-	-	0.66	1,009.15	1.58	8.69	34.71	9.07	40.13	24.41	118.60	53.41	9.03	5.80	1,195.99	5.07	0.35	0.25	5.66	46.37	0.14	52.18	134.05	179.38	-	313.43	1,561.60
2.25	1.51	6.16	6.82	0.27	52.45	-	1.22	-	-	1.22	203.49		1.61	6.74	1.90	7.98	4.11	22.34	6.06	-	-	231.90	(1.64)	(0.27)	-	(1.92)	4.37	-	2.45	33.60	28.13	-	61.73	296.08
1.66	1.51	5.29	6.82	0.26	50.83	-	2.05	-	-	2.05	218.01		1.60	6.72	1.90	8.00	3.95	22.16	10.60	-	-	250.78	(1.52)	(0.25)	-	(1.76)	4.24	-	2.48	34.13	28.13	-	62.26	315.51
1.66	1.50	4.11	6.80	0.26	48.56	-	2.63	-	-	2.63	212.85		1.60	6.67	1.89	7.62	3.93	21.70	7.60	-	-	242.16	(1.31)	(0.21)	-	(1.51)	4.45	-	2.94	35.83	28.13	-	63.95	309.05
1.65	1.49	4.28	6.79	0.28	47.71	-	2.90	-	-	2.90	200.63		1.58	6.61	1.87	7.63	3.89	21.59	9.71	-	-	231.92	(1.18)	(0.19)	-	(1.36)	4.46	-	3.10	36.16	28.13	-	64.29	299.31
1.64	1.48	4.05	6.76	0.27	45.94	-	2.89	-	-	2.89	191.66		1.57	6.55	1.85	7.59	3.87	21.43	9.56	-	-	222.65	(1.00)	(0.16)	-	(1.17)	4.47	-	3.31	36.03	28.13	-	64.16	290.12
1.63	1.47	3.66	6.75	0.26	44.60	-	2.14	-	-	2.14	184.21		1.54	6.48	1.82	7.49	3.82	21.15	8.25	-	-	213.62	(0.94)	(0.15)	-	(1.09)	4.47	-	3.38	37.00	28.13	-	65.13	282.13
1.62	1.46	4.21	6.74	0.26	44.54	-	0.53	-	-	0.53	181.65		1.52	6.40	1.78	7.37	3.77	20.84	9.99	-	-	212.47	(0.86)	(0.14)	-	(1.00)	4.48	-	3.48	35.54	28.13	-	63.67	279.62
1.60	1.46	4.11	6.73	0.26	43.45	-	0.53	-	-	0.53	176.38		1.48	6.20	1.74	7.25	3.70	20.39	8.15	-	-	204.92	(0.72)	(0.12)	-	(0.85)	4.48	-	3.63	35.75	28.13	-	63.88	272.43
13.70	11.89	35.85	54.19	2.13	378.08	-	14.88	-	-	14.88	1,568.89		12.50	52.38	14.74	60.93	31.05	171.60	69.92	-	-	1,810.42	(9.17)	(1.50)	-	(10.66)	35.43	-	24.76	284.05	225.02	-	509.06	2,344.24

C1: Summary - Cost Matrix C1 - Costs Matrix 2011
SPN
Price base (2012/13)

	Network Investment Costs (RAV)																										
	Connections			Core Costs															Non core								Stand Alone Funding (RAV)
	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Exclusing Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Blank (inserted for consistency with ED1)	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	**Total Core Costs**	Flooding	BT21CN	Technical losses and oth	High impact Low Probab	Critical National Infrastru	Black Start	Rising Mains and Lateral	Undergrounding Within/ Outside designated areas	Worst Served Customers
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																											
Labour Total	3.13	0.10	0.99	0.27		0.95		0.16	3.60	0.26	0.55	0.09	0.18	0.23		0.05		6.34	-	0.00	0.07	-	-	-	0.05	0.00	-
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Related Part Totals	3.13	0.10	0.99	0.27		0.95		0.16	3.60	0.26	0.55	0.09	0.18	0.23		0.05		6.34	0.00	0.00	0.07	-	-	-	0.05	0.00	-
Networks Ltd	2.77	0.09	0.78	0.17		0.86		0.15	3.31	0.26	0.55	0.09	0.18	0.21		0.05		5.83	(0.02)	0.00	0.07	-	-	-	0.05	0.00	-
Contracting	0.14	0.01	0.20	0.10		0.09		0.01	0.29	-	-	-	0.00	0.02		-		0.51	0.02	-	-	-	-	-	-	-	-
EFS	0.23	0.00	0.01	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Check	-	-	-	0.00		0.00		0.00	(0.00)	0.00	0.00	0.00	0.00	0.00		0.00			0.00	0.00	0.00	-	-	-	0.00	0.00	-
Pensions	0.42	0.01	0.13	0.04		0.13		0.02	0.48	0.04	0.07	0.01	0.02	0.03		0.01		0.85	-	0.00	0.01	-	-	-	0.01	0.00	-
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.42	0.01	0.13	0.04		0.13		0.02	0.48	0.04	0.07	0.01	0.02	0.03		0.01		0.85	(0.00)	0.00	0.01	-	-	-	0.01	0.00	-
Networks Ltd	0.35	0.01	0.10	0.03		0.10		0.02	0.35	0.04	0.07	0.01	0.02	0.03		0.01		0.68	(0.00)	0.00	0.01	-	-	-	0.01	0.00	-
Contracting	0.01	0.00	0.01	0.01		0.00		0.00	0.02	-	-	-	0.00	0.00		-		0.03	0.00	-	-	-	-	-	-	-	-
EFS	0.03	0.00	0.00	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Corporate	0.04	-	0.01	-		0.02		-	0.12	-	-	-	-	-		-		0.14	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Check	-	-	-	0.00		0.00		0.00	-	0.00	0.00	0.00	0.00	0.00		0.00			(0.00)	0.00	0.00	-	-	-	0.00	0.00	-
Contractors	16.47	3.86	(0.75)	1.87		17.38		7.85	18.66	5.24	3.59	0.19	0.59	2.77		(1.90)		56.25	0.02	-	1.10	-	-	-	0.16	0.66	-
Materials	6.49	1.51	2.05	0.77		6.86		1.31	8.91	0.61	1.54	0.08	0.09	1.96		4.81		26.94	-	-	0.03	-	-	-	0.05	0.14	-
Wayleaves (inc Easements/Servitudes)	0.22	0.03	0.09	2.31		0.05		0.01	0.06	0.00	0.00	-	-	0.02		0.00		2.46	-	-	-	-	-	-	-	0.01	-
Road Charges	0.20	0.03	0.04	0.00		0.01		0.00	0.07	-	0.00	-	0.00	0.00		0.00		0.09	-	-	-	-	-	-	-	-	-
Rent	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Related Party Margins	0.04	0.00	0.15	0.05		0.08		0.00	0.28	0.00	0.11	-	0.00	0.01		0.00		0.53	-	-	0.00	-	-	-	-	0.00	-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Contracting	0.16	0.00	0.15	0.05		0.08		0.00	0.28	0.00	0.11	-	0.00	0.01		0.00		0.53	(0.00)	-	0.00	-	-	-	-	0.00	-
EFS	(0.13)	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Check	-	-	-	0.00		0.00		0.00	(0.00)	0.00	0.00	-	0.00	0.00		0.00			(0.00)	-	0.00	-	-	-	-	0.00	-
Total Gross Costs	**26.97**	**5.54**	**2.69**	**5.31**		**25.45**		**9.36**	**32.07**	**6.15**	**5.87**	**0.37**	**0.88**	**5.03**		**2.97**		**93.45**	**0.02**	**0.00**	**1.20**	-	-	-	**0.27**	**0.81**	-
Customer Contributions	(38.46)	-	(1.95)	-		-		-	-	-	-	-	-	-		-		-									
Cost Recoveries	-	-	-	-		-		-	-	(0.04)	-	-	(0.00)	-		-		(0.04)	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	**(11.48)**	**5.54**	**0.74**	**5.31**		**25.45**		**9.36**	**32.07**	**6.11**	**5.87**	**0.37**	**0.88**	**5.03**		**2.97**		**93.41**	**0.02**	**0.00**	**1.20**	-	-	-	**0.27**	**0.81**	-
Total Costs by Source:																											
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Related Party Totals	**(11.48)**	**5.54**	**0.74**	**5.31**		**25.45**		**9.36**	**32.10**	**6.21**	**5.81**	**0.37**	**0.88**	**5.03**		**2.97**		**93.48**	**0.02**	**0.00**	**1.20**	-	-	-	**0.27**	**0.81**	-
Networks Ltd	(12.56)	5.51	(0.43)	4.73		24.91		9.32	30.26	6.21	5.81	0.31	0.87	4.92		2.97		90.29	(0.11)	0.00	1.20	-	-	-	0.27	0.81	-
Contracting	0.80	0.04	1.16	0.58		0.52		0.04	1.73	-	-	-	0.01	0.11		-		3.00	0.09	-	-	-	-	-	-	-	-
EFS	0.23	0.00	0.01	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Corporate	0.04	-	0.01	-		0.02		-	0.12	-	-	-	-	-		-		0.14	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-		-		-	-	-	-	0.05	-	-		-		0.05	0.03	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	(11.48)	5.54	0.74	5.31		25.45		9.36	32.10	6.21	5.81	0.37	0.88	5.03		2.97		93.48	0.02	0.00	1.20	-	-	-	0.27	0.81	-
Check	-	-	-	(0.00)		(0.00)		(0.00)	(0.03)	(0.10)	0.06	(0.00)	(0.00)	(0.00)		(0.00)		(0.07)	0.00	(0.00)	(0.00)	-	-	-	(0.00)	(0.00)	-
Allocation of Income relating to non-op capex and Business	3.23	-	0.21	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Allocation of Income relating to closely associated indirects	6.90	-	0.45	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Allocation of Indirects - Labour																											
Allocation of Indirects - Pensions																											
Allocation of Indirects - Contractors																											
Allocation of Indirects - Materials																											
Allocation of Indirects - Other																											
Allocation of Indirects - Related Party Margins																											
Indirect Activity Allocations to Connections outside of RAV																											
Allocation of Indirects - Labour																											
Allocation of Indirects - Pensions																											
Allocation of Indirects - Contractors																											
Allocation of Indirects - Materials																											
Allocation of Indirects - Other																											
Allocation of Indirects - Related Party Margins																											
Indirect Activity Allocations to Non Distribution (exc Connections)																											
Total Net Costs after allocation for RAV	(1.36)	5.54	**1.40**	5.31		25.45		9.36	32.10	6.21	5.81	0.37	0.88	5.03		2.97		93.48	0.02	0.00	1.20	-	-	-	0.27	0.81	-
Check: Total allocated to worksheets																											
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																											
Allocation of Indirects - Labour	7.50	1.00	0.49																								
Allocation of Indirects - Pensions	0.84	0.11	0.05																								
Allocation of Indirects - Contractors	5.59	0.75	0.36																								
Allocation of Indirects - Materials	0.97	0.13	0.06																								
Allocation of Indirects - Other	0.51	0.07	0.03																								
Allocation of Indirects - Related Party Margins	0.11	0.02	0.01																								
Indirect Activity Allocations to Connections (RAV related)"	15.53	2.08	1.01																								
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																											
Allocation of Indirects - Labour		-	-																								
Allocation of Indirects - Pensions		-	-																								
Allocation of Indirects - Contractors		-	-																								
Allocation of Indirects - Materials		-	-																								
Allocation of Indirects - Other		-	-																								
Allocation of Indirects - Related Party Margins		-	-																								
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-																								
Memo: Statutory Non Op Depreciation																											
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Related Part Totals	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																											
Memo: LCN Direct Benefits																											
Costs after allocation of memo items	14.18	7.62	2.41	5.31		25.45		9.36	32.10	6.21	5.81	0.37	0.88	5.03		2.97		93.48	0.02	0.00	1.20	-	-	-	0.27	0.81	-
Comparison to FBPQ/Allowance																											
Net costs after allocation for RAV	-1.4	5.5	1.4	5.3		25.5		9.4	32.1	6.2	5.8	0.4	0.9	5.0		3.0		93.5	0.0	0.0	1.2	0.0	0.0	0.0	0.3	0.8	0.0
Less Pension Direct	-0.4	0.0	-0.1	0.0		-0.1		0.0	-0.5	0.0	-0.1	0.0	0.0	0.0		0.0		-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	-1.8	5.5	1.3	5.3		25.3		9.3	31.6	6.2	5.7	0.4	0.9	5.0		3.0		92.6	0.0	0.0	1.2	0.0	0.0	0.0	0.3	0.8	0.0
Employer DB pension scheme ongoing contributions	0.39	0.01	0.12	0.03		0.12		0.02	0.45	0.03	0.07	0.01	0.02	0.03		0.01		0.79	(0.00)	0.00	0.01	-	-	-	0.01	0.00	-
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	(0.00)	0.00	0.00	-	-	-	0.00	0.00	-
Pension scheme administration costs	0.02	0.00	0.01	0.00		0.01		0.00	0.02	0.00	0.00	0.00	0.00	0.00		0.00		0.04	(0.00)	0.00	0.00	-	-	-	0.00	0.00	-
PPF Levies	0.01	0.00	0.00	0.00		0.00		0.00	0.01	0.00	0.00	0.00	0.00	0.00		0.00		0.02	(0.00)	0.00	0.00	-	-	-	0.00	0.00	-
Employer DB pension scheme contributions to pension st	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Incremental deficit recovery payments	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Other pension costs included in the amount reported	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
Total pension costs reported, excluding established deficit reco	**0.42**	0.01	0.13	0.04		0.13		0.02	0.48	0.04	0.07	0.01	0.02	0.03		0.01		0.85	(0.00)	0.00	0.01	-	-	-	0.01	0.00	-
Check to Pension (row 29)	OK	OK	OK	OK		OK		OK	OK	OK	OK	OK	OK	OK		OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

	Network Investment Costs (RAV)	Network Operating Costs (RAV)							Closely associated Indirects (RAV)											Atypicals Non Sev Weather (RAV)	Smart Meters				
		Network Operating Costs							Closely associated Indirects											Atypicals Non Sev Weather	Smart Meters				
	Total Network Investment Costs	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	**Network Operating Costs**	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	**Closely Associated Indirects**	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	**Total Smart Meters**	**TOTAL RAV related Costs**
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	**£'m**	**£'m**
Labour Total	10.68	12.06	2.22	-	4.13	0.17	-	18.58	3.91	4.22	15.00	0.88	4.21	1.37	0.83	3.86	0.43		34.70	1.78				-	65.74
DNO Own	-	-	-	-	-	-	-	-	-	-	(0.00)	-	-	-	-	0.00	-		0.00	-				-	0.00
Related Part Totals	10.68	12.06	2.22	-	4.13	0.17	-	18.58	3.91	4.22	15.00	0.88	4.21	1.37	0.83	3.86	0.43		34.70	1.78				-	65.74
Networks Ltd	9.58	12.06	1.99	-	4.07	0.17	-	18.29	3.91	4.22	15.00	0.88	4.21	1.37	0.83	3.86	-		34.28	0.92				-	63.07
Contracting	0.87	-	0.22	-	0.06	-	-	0.28	-	-	-	-	-	-	-	-	-		-	-				-	1.15
EFS	0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	0.24
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.43		0.43	-				-	0.43
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	0.86				-	0.86
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Check		(0.00)	(0.00)	-	(0.00)	0.00	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Pensions	1.43	1.51	0.30	-	0.55	0.02	-	2.38	0.52	0.57	1.73	0.13	0.57	0.11	0.11	0.36	0.06		4.17	0.24				-	8.21
DNO Own	-	-	-	-	-	-	-	-	-	-	(0.00)	-	-	-	-	0.00	-		0.00	-				-	0.00
Related Part Totals	1.43	1.51	0.30	-	0.55	0.02	-	2.38	0.52	0.57	1.73	0.13	0.57	0.11	0.11	0.36	0.06		4.17	0.24				-	8.21
Networks Ltd	1.16	1.37	0.28	-	0.47	0.02	-	2.15	0.47	0.53	1.69	0.12	0.52	0.10	0.10	0.33	-		3.87	0.09				-	7.27
Contracting	0.05	-	0.01	-	0.00	-	-	0.02	-	-	-	-	-	-	-	-	-		-	-				-	0.06
EFS	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	0.03
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06		0.06	-				-	0.06
Corporate	0.19	0.13	-	-	0.08	-	-	0.21	0.05	0.04	0.04	0.01	0.04	0.01	0.01	0.03	-		0.23	-				-	0.64
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	0.15				-	0.15
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Check		(0.00)	(0.00)	-	(0.00)	0.00	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Contractors	77.77	18.67	3.45	-	4.10	7.43	-	33.65	2.78	3.37	4.56	0.08	(0.00)	0.20	0.88	0.83	3.06		15.76	5.19				-	132.37
Materials	37.19	3.14	0.17	-	0.90	0.03	-	4.24	0.00	0.09	0.40	0.01	0.00	0.08	0.25	0.05	3.66		4.53	0.01				-	45.97
Wayleaves (inc Easements/Servitudes)	2.82	-	-	-	-	-	-	-	-	-	2.20	-	-	-	-	-	-		2.20	-				-	5.02
Road Charges	0.36	0.29	0.03	-	0.01	0.00	-	0.33	-	-	-	-	-	-	-	-	-		-	-				-	0.68
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	-		0.11	-				-	0.11
Subscriptions	-	-	-	-	-	-	1.49	1.49	0.00	0.00	0.02	0.34	-	0.01	0.08	0.03	-		0.47	0.00				-	1.96
Related Party Margins	0.72	0.08	(0.13)	-	0.06	-	-	0.00	-	-	-	-	-	-	-	-	0.59		0.59	0.05				-	1.36
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	0.85	0.21	(0.13)	-	0.01	-	-	0.09	-	-	-	-	-	-	-	-	-		-	-				-	0.94
EFS	(0.13)	(0.13)	-	-	0.05	-	-	(0.09)	-	-	-	-	-	-	-	-	-		-	-				-	(0.21)
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.59		0.59	-				-	0.59
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	0.05				-	0.05
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Check		(0.00)	0.00	-	(0.00)	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Gross Costs	130.96	**35.75**	**6.03**	-	**9.75**	**7.65**	**1.49**	**60.66**	**7.21**	**8.25**	**23.92**	**1.43**	**4.78**	**1.76**	**2.15**	**5.23**	**7.80**		**62.53**	**7.27**				-	261.42
Customer Contributions	(40.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-					(40.41)
Cost Recoveries	(0.04)	(3.93)	(0.21)	-	(0.03)	-	-	(4.17)	-	-	-	-	-	-	-	-	-		-	-				-	(4.21)
Total Net Costs Before Allocations	90.51	**31.81**	**5.82**	-	**9.72**	**7.65**	**1.49**	**56.50**	**7.21**	**8.25**	**23.92**	**1.43**	**4.78**	**1.76**	**2.15**	**5.23**	**7.80**		**62.53**	**7.27**				-	216.80
Total Costs by Source:																									
DNO Own	-	-	-	-	-	-	1.49	1.49	-	-	2.20	0.34	-	-	0.08	-	-		2.61	-				-	4.10
Related Party Totals	90.58	**31.81**	**5.82**	-	**9.72**	**7.65**	-	**55.01**	**7.21**	**8.25**	**21.72**	**1.10**	**4.78**	**1.76**	**2.07**	**5.23**	**7.80**		**59.92**	**7.27**				-	212.77
Networks Ltd	84.99	31.59	4.51	-	8.98	7.65	-	52.73	7.16	8.20	21.68	1.09	4.74	1.61	2.06	5.20	3.31		55.06	2.54				-	195.32
Contracting	5.08	-	1.31	-	0.35	-	-	1.66	-	-	-	-	-	-	-	-	-		-	-				-	6.74
EFS	0.23	0.09	-	-	0.32	-	-	0.40	-	-	-	-	-	-	-	-	-		-	-				-	0.64
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.41		4.41	-				-	4.41
Corporate	0.19	0.13	-	-	0.08	-	-	0.21	0.05	0.04	0.04	0.01	0.04	0.01	0.01	0.03	0.08		0.32	-				-	0.72
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13	-	-	-		0.13	-				-	0.13
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	4.72				-	4.81
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Net Costs Before Allocations	90.58	31.81	5.82	-	9.72	7.65	1.49	56.50	7.21	8.25	23.92	1.43	4.78	1.76	2.15	5.23	7.80		62.53	7.27				-	216.88
Check	(0.07)	0.00	0.00	-	0.00	(0.00)	0.00	0.00	-	-	-	-	-	-	-	-	-		-	-					(0.07)
Allocation of Income relating to non-op capex and Business	3.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	3.44
Allocation of Income relating to closely associated indirects	7.34	-	-	-	-	-	-	-	(1.19)	(0.87)	(3.54)	(0.12)	(0.01)	(0.14)	(0.29)	(0.46)	(0.72)		(7.34)	-				-	(0.00)
Allocation of Indirects - Labour									(0.06)	(0.04)	(0.17)	(0.01)	-	(0.01)	(0.01)	(0.02)	-		(0.32)						(0.32)
Allocation of Indirects - Pensions									(0.01)	(0.00)	(0.02)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	-		(0.03)						(0.03)
Allocation of Indirects - Contractors									(0.01)	(0.02)	(0.07)	(0.00)	-	(0.00)	(0.01)	(0.01)	(0.03)		(0.15)						(0.15)
Allocation of Indirects - Materials									(0.00)	(0.00)	(0.00)	(0.00)	-	(0.00)	(0.00)	(0.00)	(0.02)		(0.03)						(0.03)
Allocation of Indirects - Other									-	(0.00)	(0.00)	-	-	(0.00)	(0.00)	(0.00)	-		(0.00)						(0.00)
Allocation of Indirects - Related Party Margins									-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Connections outside of RAV									(0.09)	(0.06)	(0.26)	(0.01)	(0.00)	(0.01)	(0.02)	(0.03)	(0.05)		(0.53)						(0.53)
Allocation of Indirects - Labour									(0.13)	(0.02)	(0.53)	(0.04)	-	(0.03)	(0.04)	(0.08)	-		(0.86)						(0.86)
Allocation of Indirects - Pensions									(0.03)	(0.02)	(0.08)	(0.01)	(0.00)	(0.00)	(0.00)	(0.02)	-		(0.16)						(0.16)
Allocation of Indirects - Contractors									(0.06)	(0.02)	(0.00)	(0.00)	-	(0.01)	(0.04)	(0.04)	(0.19)		(0.37)						(0.37)
Allocation of Indirects - Materials									(0.00)	(0.00)	(0.02)	(0.00)	-	(0.00)	(0.02)	(0.00)	(0.13)		(0.17)						(0.17)
Allocation of Indirects - Other									-	-	(0.00)	-	-	(0.00)	(0.00)	(0.01)	-		(0.01)						(0.01)
Allocation of Indirects - Related Party Margins									-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Non Distribution (exc Connections)									(0.22)	(0.06)	(0.63)	(0.05)	(0.00)	(0.05)	(0.10)	(0.14)	(0.32)		(1.56)						(1.56)
Total Net Costs after allocation for RAV	101.37	31.81	5.82	-	9.72	7.65	1.49	56.50	5.72	7.25	19.50	1.25	4.78	1.56	1.74	4.59	6.71		53.09	7.27				-	218.22
Check: Total allocated to worksheets																									
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																									
Allocation of Indirects - Labour	8.99								(1.46)	(0.87)	(3.87)	(0.16)	-	(0.16)	(0.19)	(0.56)	-		(7.27)						1.72
Allocation of Indirects - Pensions	1.01								(0.18)	(0.10)	(0.39)	(0.02)	(0.01)	(0.01)	(0.03)	(0.04)	-		(0.78)						0.23
Allocation of Indirects - Contractors	6.71								(0.34)	(0.47)	(1.53)	(0.02)	-	(0.05)	(0.19)	(0.13)	(0.74)		(3.45)						3.25
Allocation of Indirects - Materials	1.16								(0.00)	(0.01)	(0.08)	(0.00)	-	(0.01)	(0.08)	(0.01)	(0.46)		(0.65)						0.51
Allocation of Indirects - Other	0.61								-	(0.00)	(0.01)	-	-	(0.00)	(0.00)	(0.03)	-		(0.04)						0.58
Allocation of Indirects - Related Party Margins	0.14								-	-	-	-	-	-	-	-	-		-						0.14
Indirect Activity Allocations to Connections (RAV related)"	18.62								(1.97)	(1.45)	(5.87)	(0.20)	(0.01)	(0.24)	(0.48)	(0.76)	(1.19)		(12.18)						6.44
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																									
Allocation of Indirects - Labour									-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Pensions									-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Contractors									-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Materials									-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Other									-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Related Party Margins									-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Part Funded Connections (RAV related)									-	-	-	-	-	-	-	-	-		-						-
Memo: Statutory Non Op Depreciation																									
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.21		1.21	-				-	1.21
Related Part Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.57**		**1.57**	-				-	1.57
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.57		1.57	-				-	1.57
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																									
Memo: LCN Direct Benefits																									-
Costs after allocation of memo items	119.99	31.81	5.82	-	9.72	7.65	1.49	56.50	3.74	5.80	13.64	1.05	4.77	1.32	1.26	3.83	8.30		43.69	7.27				-	227.45
Comparison to FBPQ/Allowance (Some Columns will be linked to memo)																									
Net costs after allocation for RAV	101.4	31.8	5.8	0.0	9.7	7.6	1.5	56.5	5.7	7.3	19.5	1.3	4.8	1.6	1.7	4.6	6.7		53.1	7.3				0.0	218.2
Less Pension Direct	-1.4	-1.5	-0.3	0.0	-0.6	0.0	0.0	-2.4	-0.5	-0.6	-1.7	-0.1	-0.6	-0.1	-0.1	-0.4	-0.1		-4.2	-0.2				0.0	-8.2
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0		0.2	0.0				0.0	0.2
Net costs after allocation for RAV excluding pensions	99.9	30.3	5.5	0.0	9.2	7.6	1.5	54.1	5.2	6.7	17.9	1.1	4.2	1.4	1.6	4.2	6.6		49.1	7.0				0.0	210.2
Employer DB pension scheme ongoing contributions (Some Columns will be linked to memo)	1.33	1.40	0.28	-	0.51	0.02	-	2.21	0.48	0.53	1.61	0.12	0.53	0.11	0.10	0.34	0.06		3.88	0.22				-	7.65
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	-	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.01	0.00				-	0.01
Pension scheme administration costs	0.07	0.07	0.01	-	0.03	0.00	-	0.11	0.02	0.03	0.08	0.01	0.03	0.01	0.01	0.02	0.00		0.20	0.01				-	0.39
PPF Levies	0.03	0.03	0.01	-	0.01	0.00	-	0.05	0.01	0.01	0.03	0.00	0.01	0.00	0.00	0.01	0.00		0.08	0.00				-	0.16
Employer DB pension scheme contributions to pension st	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Total pension costs reported, excluding established deficit reco	1.43	1.51	0.30	-	0.55	0.02	-	2.38	0.52	0.57	1.73	0.13	0.57	0.11	0.11	0.36	0.06		4.17	0.24				-	8.21
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK					OK

	Business Support							Non Op Capex	Atypicals Non Sev Weather	Stand Alone Funding (not RAV)	Costs Within Price Control	Non Price Control: Connections outside of RAV				Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC				Total DNO	
	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	**Total Business Support Costs**	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	**Total Costs within Price Control**	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Connection projects; DG (Excl services)	**Connections (Non Price Control)**	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	**Total Costs outside Price Control**	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	**Total Non Activity Based costs**	**Total DNO**	
	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	**£'m**	
Labour Total	0.16	1.01	3.77	1.07	2.28	0.65	8.94	0.18	0.01	0.09	**74.96**	0.15	0.10	0.02	0.26	5.57	-	**5.83**	-	-		-	**80.79**	
DNO Own	-	-	(0.00)	-	-	-	(0.00)	-	-	-	**0.00**	-	-	-	-	-	-	-	-	-		-	**0.00**	
Related Part Totals	0.16	1.01	3.77	1.07	2.28	0.65	8.94	0.18	0.01	0.09	**74.96**	0.15	0.10	0.02	0.26	5.57	-	**5.83**	-	-		-	**80.79**	
Networks Ltd	0.16	0.65	2.58	0.56	0.42	0.27	4.65	-	0.01	0.09	**67.82**	0.15	0.10	0.01	0.25	0.68	-	**0.93**	-	-		-	**68.75**	
Contracting	-	-	-	-	-	-	-	-	-	-	**1.15**	-	-	0.01	0.01	0.02	-	**0.02**	-	-		-	**1.17**	
EFS	-	-	0.48	-	-	-	0.48	-	-	-	**0.71**	-	-	-	-	4.88	-	**4.88**	-	-		-	**5.59**	
Transport	-	-	-	-	-	-	-	-	-	-	**0.43**	-	-	-	-	-	-	-	-	-		-	**0.43**	
Corporate	-	0.35	0.71	0.51	0.01	0.37	1.96	-	-	-	**1.96**	-	-	-	-	-	-	-	-	-		-	**1.96**	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	1.85	-	1.85	0.18	-	-	**2.89**	-	-	-	-	-	-	-	-	-		-	**2.89**	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Pensions	0.02	0.07	0.38	0.11	0.32	0.18	1.08	0.03	0.00	0.01	**9.32**	0.02	0.01	0.00	0.03	0.36	-	**0.40**	-	-		-	**9.72**	
DNO Own	-	-	(0.00)	-	-	-	(0.00)	-	-	-	**0.00**	-	-	-	-	-	-	-	-	-		-	**0.00**	
Related Part Totals	0.02	0.07	0.38	0.11	0.32	0.18	1.08	0.03	0.00	0.01	**9.32**	0.02	0.01	0.00	0.03	0.36	-	**0.40**	-	-		-	**9.72**	
Networks Ltd	0.02	0.02	0.29	0.04	0.04	0.03	0.43	-	0.00	0.01	**7.71**	0.02	0.01	0.00	0.03	0.08	-	**0.11**	-	-		-	**7.82**	
Contracting	-	-	-	-	-	-	-	-	-	-	**0.06**	-	-	0.00	0.00	0.00	-	**0.00**	-	-		-	**0.06**	
EFS	-	-	0.02	-	-	-	0.02	-	-	-	**0.05**	-	-	0.00	0.00	0.28	-	**0.28**	-	-		-	**0.33**	
Transport	-	-	-	-	-	-	-	-	-	-	**0.06**	-	-	-	-	-	-	-	-	-		-	**0.06**	
Corporate	0.00	0.05	0.06	0.07	0.00	0.15	0.35	-	-	-	**0.99**	-	-	-	-	-	-	-	-	-		-	**0.99**	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	0.27	-	0.27	0.03	-	-	**0.46**	-	-	-	-	-	-	-	-	-		-	**0.46**	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contractors	0.14	1.04	1.25	1.16	7.84	3.48	14.91	4.42	0.22	1.05	**152.98**	0.34	0.22	0.10	0.65	7.01	-	**7.67**					**160.65**	
Materials	0.01	0.02	0.06	0.10	0.01	0.71	0.92	2.41	-	0.02	**49.31**	0.24	0.05	0.12	0.41	2.93	-	**3.35**					**52.66**	
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	**5.02**	0.01	-	-	0.01	0.04	-	**0.04**					**5.06**	
Road Charges	-	-	-	-	-	-	-	-	-	-	**0.68**	-	-	-	-	0.00	-	**0.00**					**0.68**	
Rent	-	-	3.61	-	-	3.28	6.89	-	-	-	**7.00**	-	-	-	-	-	-	-					**7.00**	
Subscriptions	0.00	0.00	0.31	0.02	0.01	0.00	0.34	-	-	-	**2.30**	-	-	-	-	-	-	-	20.45	79.21		99.66	**101.96**	
Related Party Margins	-	0.07	(0.11)	-	0.60	0.01	0.57	-	-	-	**1.93**	-	-	0.00	0.00	(2.71)	-	**(2.70)**					**(0.78)**	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	Disallowed
Contracting	-	-	-	-	-	-	-	-	-	-	**0.94**	-	-	-	-	-	-	-	-	-		-	**0.94**	Allowed
EFS	-	-	(0.16)	-	-	-	(0.16)	-	-	-	**(0.38)**	-	-	0.00	0.00	(2.71)	-	**(2.70)**	-	-		-	**(3.08)**	Disallowed
Transport	-	-	-	-	-	-	-	-	-	-	**0.59**	-	-	-	-	-	-	-	-	-		-	**0.59**	Disallowed
Corporate	-	0.07	0.05	-	0.01	0.01	0.14	-	-	-	**0.14**	-	-	-	-	-	-	-	-	-		-	**0.14**	Disallowed
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
IT	-	-	-	-	0.60	-	0.60	-	-	-	**0.64**	-	-	-	-	-	-	-	-	-		-	**0.64**	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total Gross Costs	**0.34**	**2.21**	**9.25**	**2.46**	**11.07**	**8.31**	**33.65**	**7.04**	**0.23**	**1.16**	**303.51**	**0.75**	**0.38**	**0.25**	**1.37**	**13.21**	-	**14.58**	**20.45**	**79.21**		**99.66**	**417.75**	
Customer Contributions	-	-	-	-	-	-	-	-	-	-	**(40.41)**	(1.14)	(0.51)	(0.30)	(1.95)	-	-	**(1.95)**					**(42.36)**	
Cost Recoveries	-	-	(0.20)	-	-	-	(0.20)	-	-	(0.02)	**(4.43)**	-	-	-	-	-	-	-					**(4.43)**	
Total Net Costs Before Allocations	**0.34**	**2.21**	**9.05**	**2.46**	**11.07**	**8.31**	**33.44**	**7.04**	**0.23**	**1.15**	**258.67**	**(0.40)**	**(0.13)**	**(0.05)**	**(0.57)**	**13.21**	-	**12.64**	**20.45**	**79.21**		**99.66**	**370.96**	
Total Costs by Source:																								
DNO Own	-	-	0.34	-	-	0.02	0.35	-	-	-	**4.46**	-	-	-	-	1.33	-	**1.33**	20.45	79.21		**99.66**	**105.44**	
Related Party Totals	**0.34**	**2.21**	**8.71**	**2.46**	**11.07**	**8.29**	**33.09**	**7.04**	**0.23**	**1.15**	**254.29**	**(0.40)**	**(0.13)**	**(0.05)**	**(0.57)**	**11.88**	-	**11.31**	-	-		-	**265.59**	
Networks Ltd	0.34	1.54	5.68	1.38	0.74	4.43	14.10	3.67	0.23	1.15	**214.47**	(0.40)	(0.13)	(0.08)	(0.61)	8.76	-	**8.15**	-	-		-	**222.62**	
Contracting	-	-	-	-	-	-	-	-	-	-	**6.74**	-	-	0.03	0.03	0.09	-	**0.13**	-	-		-	**6.87**	
EFS	-	-	0.44	-	-	-	0.44	-	-	-	**1.08**	-	-	0.00	0.00	3.03	-	**3.03**	-	-		-	**4.11**	
Transport	-	-	-	-	-	0.07	0.07	1.33	-	-	**5.81**	-	-	-	-	-	-	-	-	-		-	**5.81**	
Corporate	0.00	0.67	2.59	1.09	0.06	3.79	8.20	-	-	-	**8.92**	-	-	-	-	-	-	-	-	-		-	**8.92**	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	**0.13**	-	-	-	-	-	-	-	-	-		-	**0.13**	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	10.27	-	10.27	2.05	-	-	**17.13**	-	-	-	-	-	-	-	-	-		-	**17.13**	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total Net Costs Before Allocations	0.34	2.21	9.05	2.46	11.07	8.31	33.44	7.04	0.23	1.15	**258.74**	(0.40)	(0.13)	(0.05)	(0.57)	13.21	-	**12.64**	20.45	79.21		99.66	**371.04**	
Check	-	-	-	-	-	-	-	-	-	-	(0.07)	-	-	(0.00)	(0.00)	-	-	(0.00)	-			-	(0.07)	
Allocation of Income relating to non-op capex and Business	(0.00)	(0.28)	(0.57)	(0.34)	(1.24)	(1.01)	(3.44)	-	-	-	**(0.00)**	-	-	-	-	-	-	-	-	-			**(0.00)**	
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-	-	-	**(0.00)**	-	-	-	-	-	-	-	-	-		-	**(0.00)**	
Allocation of Indirects - Labour	(0.00)	(0.01)	(0.03)	(0.01)	(0.02)	(0.01)	(0.07)	(0.00)			**(0.39)**	0.19	0.09	0.11	0.39			**0.39**					**(0.00)**	OK
Allocation of Indirects - Pensions	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)			**(0.04)**	0.02	0.01	0.01	0.04			**0.04**					**(0.00)**	OK
Allocation of Indirects - Contractors	(0.00)	(0.01)	(0.01)	(0.01)	(0.06)	(0.03)	(0.12)	(0.02)			**(0.29)**	0.15	0.07	0.08	0.29			**0.29**					**(0.00)**	OK
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.00)	(0.00)	0.00	(0.01)	(0.01)	(0.01)			**(0.05)**	0.03	0.01	0.01	0.05			**0.05**					**(0.00)**	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.02)	(0.03)	-			**(0.03)**	0.01	0.01	0.01	0.03			**0.03**					**(0.00)**	OK
Allocation of Indirects - Related Party Margins	-	(0.00)	(0.00)	-	(0.00)	(0.00)	(0.01)	-			**(0.01)**	0.00	0.00	0.00	0.01			**0.01**					**(0.00)**	OK
Indirect Activity Allocations to Connections outside of RAV	(0.00)	(0.02)	(0.04)	(0.02)	(0.09)	(0.07)	(0.25)	(0.03)			**(0.81)**	0.40	0.19	0.22	0.81			**0.81**					-	OK
Allocation of Indirects - Labour	-	(0.03)	(0.12)	(0.04)	(0.07)	(0.03)	(0.29)	(0.00)		-	**(1.15)**				-	1.15	-	**1.15**	-	-		-	**0.00**	OK
Allocation of Indirects - Pensions	(0.00)	0.00	(0.01)	(0.00)	(0.01)	(0.01)	(0.03)	(0.00)		-	**(0.19)**				-	0.19	-	**0.19**	-	-		-	-	OK
Allocation of Indirects - Contractors	-	(0.04)	(0.03)	(0.04)	(0.24)	(0.15)	(0.50)	(0.06)		-	**(0.93)**				-	0.93	-	**0.93**	-	-		-	-	OK
Allocation of Indirects - Materials	-	(0.00)	(0.00)	(0.01)	0.00	(0.04)	(0.05)	(0.04)		-	**(0.26)**				-	0.26	-	**0.26**	-	-		-	-	OK
Allocation of Indirects - Other	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.11)	(0.11)	-		-	**(0.12)**				-	0.12	-	**0.12**	-	-		-	-	OK
Allocation of Indirects - Related Party Margins	-	(0.00)	(0.00)	-	(0.02)	(0.00)	(0.02)	-		-	**(0.02)**				-	0.02	-	**0.02**	-	-		-	**0.00**	OK
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.00)	(0.07)	(0.17)	(0.09)	(0.34)	(0.34)	(1.01)	(0.10)		-	**(2.68)**				-	2.68	-	**2.68**	-	-		-	**(0.00)**	OK
Total Net Costs after allocation for RAV	0.34	1.83	8.27	2.01	9.41	6.88	28.74	6.91	0.23	1.15	**255.25**	0.01	0.06	0.17	0.24	15.89	-	**16.13**	20.45	79.21		99.66	**371.04**	
Check: Total allocated to worksheets											-													
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	(0.00)	(0.22)	(0.65)	(0.25)	(0.41)	(0.15)	(1.69)	(0.03)			**0.00**												**0.00**	OK
Allocation of Indirects - Pensions	(0.00)	(0.02)	(0.08)	(0.02)	(0.06)	(0.04)	(0.23)	(0.01)			**0.00**												**0.00**	OK
Allocation of Indirects - Contractors	(0.00)	(0.21)	(0.19)	(0.24)	(1.47)	(0.75)	(2.85)	(0.40)			**0.00**												**0.00**	OK
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.00)	(0.05)	0.00	(0.17)	(0.23)	(0.29)			**0.00**												**0.00**	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.56)	(0.58)	-			**(0.00)**												**(0.00)**	OK
Allocation of Indirects - Related Party Margins	-	(0.01)	(0.01)	-	(0.11)	(0.00)	(0.14)	-			-												-	OK
Indirect Activity Allocations to Connections (RAV related)"	(0.00)	(0.47)	(0.95)	(0.57)	(2.05)	(1.68)	(5.71)	(0.72)			**0.00**												**0.00**	OK
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Pensions	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Contractors	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Materials	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Other	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-			-												-	OK
Indirect Activity Allocations to Part Funded Connections (RAV related)	-	-	-	-	-	-	-	-			-												-	OK
Memo: Statutory Non Op Depreciation																								
DNO Own	-	-	-	-	4.83	0.16	4.99	1.64	-	-	**7.84**	-	-	-	-	-	-	-	-	-		-	**7.84**	
Related Part Totals	-	-	-	-	**0.44**	**0.32**	**0.76**	-	-	-	**2.33**	-	-	-	-	-	-	-	-	-		-	**2.33**	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	-	-	-	-	-	-	-	-	-	-	**1.57**	-	-	-	-	-	-	-	-	-		-	**1.57**	
Corporate	-	-	-	-	0.44	0.32	0.76	-	-	-	**0.76**	-	-	-	-	-	-	-	-	-		-	**0.76**	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Memo: Statutory Allocation (of Total Net costs after allocation)																							-	
Memo: LCN Direct Benefits																		-	-				-	
Costs after allocation of memo items	0.34	1.37	7.32	1.44	12.63	5.69	28.78	7.82	0.23	1.15	265.43	0.01	0.06	0.17	0.24	15.89	-	16.13	20.45	79.21		99.66	381.21	
Comparison to FBPQ/Allowance																								
Net costs after allocation for RAV	0.3	1.8	8.3	2.0	9.4	6.9	28.7	6.9	0.2	1.1	255.3	0.0	0.1	0.2	0.2	15.9	0.0	16.1	20.4	79.2		99.7	371.0	
Less Pension Direct	0.0	-0.1	-0.4	-0.1	-0.3	-0.2	-1.1	0.0	0.0	0.0	-9.3	0.0	0.0	0.0	0.0	-0.4	0.0	-0.4	0.0	0.0		0.0	-9.7	
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-0.2	0.0	-0.2	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions	0.3	1.8	7.9	1.9	9.1	6.7	27.7	6.9	0.2	1.1	246.2	0.0	0.0	0.2	0.2	15.3	0.0	15.5	20.4	79.2		99.7	361.3	
Employer DB pension scheme ongoing contributions	0.02	0.06	0.35	0.11	0.30	0.17	1.00	0.03	0.00	0.01	**8.68**	0.02	0.01	0.00	0.03	0.34	-	**0.37**	-	-		-	**9.05**	
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.02**	0.00	0.00	0.00	0.00	0.00	-	**0.00**	-	-		-	**0.02**	
Pension scheme administration costs	0.00	0.00	0.02	0.01	0.02	0.01	0.05	0.00	0.00	0.00	**0.44**	0.00	0.00	0.00	0.00	0.02	-	**0.02**	-	-		-	**0.46**	
PPF Levies	0.00	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.00	0.00	**0.18**	0.00	0.00	0.00	0.00	0.01	-	**0.01**	-	-		-	**0.19**	
Employer DB pension scheme contributions to pension st	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total pension costs reported, excluding established deficit reco	0.02	0.07	0.38	0.11	0.32	0.18	1.08	0.03	0.00	0.01	**9.32**	0.02	0.01	0.00	0.03	0.36	-	**0.40**	-	-		-	**9.72**	
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	OK	

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2012

Network Investment Costs (RAV) — Connections and Core Costs (£'m)

	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Exclusing Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Blank (inserted for consistency with ED1)	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	Total Core Costs
	Connections			Core Costs														
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																		
Labour Total	1.23	0.33	0.10	0.28		0.99		0.28	3.99	0.10	0.81	0.13	0.46	0.25		0.16		7.45
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	1.23	0.33	0.10	0.28		0.99		0.28	3.99	0.10	0.81	0.13	0.46	0.25		0.16		7.45
Networks Ltd	1.16	0.33	0.10	0.28		0.99		0.28	3.99	0.10	0.81	0.13	0.46	0.25		0.16		7.45
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	0.08	0.00	0.00	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	0.00		0.00		0.00	(0.00)	0.00	0.00	0.00	-	0.00		0.00		
Pensions	0.17	0.05	0.01	0.05		0.17		0.05	0.70	0.02	0.14	0.02	0.07	0.04		0.03		1.29
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	0.17	0.05	0.01	0.05		0.17		0.05	0.70	0.02	0.14	0.02	0.07	0.04		0.03		1.29
Networks Ltd	0.17	0.05	0.01	0.05		0.17		0.05	0.70	0.02	0.14	0.02	0.07	0.04		0.03		1.29
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	0.00		0.00		0.00	(0.00)	0.00	0.00	0.00	-	0.00		0.00		
Contractors	3.57	2.30	1.39	5.34		8.69		4.69	17.22	0.77	3.76	0.18	0.97	0.76		4.77		47.15
Materials	2.04	1.31	0.50	1.33		2.58		1.42	8.14	0.25	1.59	0.27	0.13	0.98		1.82		18.51
Wayleaves (inc Easements/Servitudes)	0.07	0.01	0.00	2.66		0.06		0.05	0.02	0.02	0.00	-	-	0.00		0.01		2.83
Road Charges	0.06	0.01	0.00	0.00		(0.00)		0.00	(0.01)	0.00	(0.00)	-	0.00	(0.00)		0.00		(0.01)
Rent	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Subscriptions	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Party Margins	(0.05)	(0.00)	(0.00)	-		-		-	-	-	-	-	-	-		-		-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	(0.05)	(0.00)	(0.00)	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total Gross Costs	7.09	4.01	2.01	9.66		12.51		6.48	30.06	1.16	6.30	0.61	1.62	2.04		6.79		77.23
Customer Contributions	(12.07)	-	(1.36)	-		-		-	-	-	-	-	-	-		-		-
Cost Recoveries	-	-	-	-		(0.03)		-	(0.10)	(0.01)	-	-	(0.00)	-		-		(0.14)
Total Net Costs Before Allocations	(4.99)	4.01	0.65	9.66		12.48		6.48	29.96	1.15	6.30	0.61	1.62	2.04		6.79		77.09
Total Costs by Source:																		
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Party Totals	(4.99)	4.01	0.65	9.66		12.48		6.48	29.96	1.15	6.30	0.61	1.62	2.04		6.79		77.09
Networks Ltd	(5.09)	4.01	0.65	9.66		12.48		6.48	29.96	1.15	6.30	0.61	1.62	2.04		6.79		77.09
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	0.11	0.00	0.00	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total Net Costs Before Allocations	(4.99)	4.01	0.65	9.66		12.48		6.48	29.96	1.15	6.30	0.61	1.62	2.04		6.79		77.09
Check	-	-	-	(0.00)		(0.00)		(0.00)	0.00	(0.00)	(0.00)	(0.00)	0.00	(0.00)		(0.00)		(0.00)
Allocation of Income relating to non-op capex and Business	1.60	-	0.17	-		-		-	-	-	-	-	-	-		-		-
Allocation of Income relating to closely associated indirects	2.10	-	0.24	-		-		-	-	-	-	-	-	-		-		-
Allocation of Indirects - Labour																		
Allocation of Indirects - Pensions																		
Allocation of Indirects - Contractors																		
Allocation of Indirects - Materials																		
Allocation of Indirects - Other																		
Allocation of Indirects - Related Party Margins																		
Indirect Activity Allocations to Connections outside of RAV																		
Allocation of Indirects - Labour																		
Allocation of Indirects - Pensions																		
Allocation of Indirects - Contractors																		
Allocation of Indirects - Materials																		
Allocation of Indirects - Other																		
Allocation of Indirects - Related Party Margins																		
Indirect Activity Allocations to Non Distribution (exc Connections)																		
Total Net Costs after allocation for RAV	(1.28)	4.01	1.06	9.66		12.48		6.48	29.96	1.15	6.30	0.61	1.62	2.04		6.79		77.09
Check: Total allocated to worksheets																		
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour	1.91	0.78	0.22															
Allocation of Indirects - Pensions	0.27	0.10	0.03															
Allocation of Indirects - Contractors	1.04	0.40	0.11															
Allocation of Indirects - Materials	0.49	0.19	0.05															
Allocation of Indirects - Other	0.19	0.07	0.02															
Allocation of Indirects - Related Party Margins	0.07	0.03	0.01															
Indirect Activity Allocations to Connections (RAV related)"	3.97	1.57	0.44															
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour		-	-															
Allocation of Indirects - Pensions		-	-															
Allocation of Indirects - Contractors		-	-															
Allocation of Indirects - Materials		-	-															
Allocation of Indirects - Other		-	-															
Allocation of Indirects - Related Party Margins		-	-															
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-															
Memo: Statutory Non Op Depreciation																		
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Memo: Statutory Allocation (of Total Net costs after allocation)																		
Memo: LCN Direct Benefits																		
Costs after allocation of memo items	2.69	5.59	1.50	9.66		12.48		6.48	29.96	1.15	6.30	0.61	1.62	2.04		6.79		77.09
Comparison to FBPQ/Allowance																		
Net costs after allocation for RAV	-1.3	4.0	1.1	9.7		12.5		6.5	30.0	1.2	6.3	0.6	1.6	2.0		6.8		77.1
Less Pension Direct	-0.2	0.0	0.0	0.0		-0.2		0.0	-0.7	0.0	-0.1	0.0	-0.1	0.0		0.0		-1.3
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0
Net costs after allocation for RAV excluding pensions	-1.4	4.0	1.0	9.6		12.3		6.4	29.3	1.1	6.2	0.6	1.5	2.0		6.8		75.8
Employer DB pension scheme ongoing contributions	0.16	0.04	0.01	0.05		0.16		0.05	0.65	0.02	0.13	0.02	0.04	0.04		0.03		1.19
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00
Pension scheme administration costs	0.01	0.00	0.00	0.00		0.01		0.00	0.04	0.00	0.01	0.00	0.00	0.00		0.00		0.07
PPF Levies	0.00	0.00	0.00	0.00		0.00		0.00	0.01	0.00	0.00	0.00	0.00	0.00		0.00		0.02
Employer DB pension scheme contributions to pension st	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Incremental deficit recovery payments	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Other pension costs included in the amount reported	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total pension costs reported, excluding established deficit rec	0.17	0.05	0.01	0.05		0.17		0.05	0.70	0.02	0.14	0.02	0.05	0.04		0.03		1.27
Check to Pension (row 29)	OK	OK	OK	OK		OK		OK	OK	OK	OK	OK	Err	OK		OK		Err

Network Investment Costs (RAV) — Non core, Stand Alone Funding (RAV), Total; Network Operating Costs (RAV) (£'m)

	Flooding	BT21CN	Technical losses and oth	High impact Low Probab	Critical National Infrastru	Black Start	Rising Mains and Lateral	Undergrounding Within/ Outside designated areas	Worst Served Customers	Total Network Investment Costs	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather- Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	Network Operating Costs
	Non core							Stand Alone Funding (RAV)			Network Operating Costs						
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																	
Labour Total	0.00	0.00	0.03	-	-	-	0.24	0.00	-	9.39	12.01	2.00	-	4.74	0.06	-	18.81
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.00	0.00	0.03	-	-	-	0.24	0.00	-	9.39	12.01	2.00	-	4.74	0.06	-	18.81
Networks Ltd	0.00	0.00	0.03	-	-	-	0.24	0.00	-	9.31	11.64	2.00	-	4.66	0.06	-	18.35
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	0.08	0.38	-	-	0.08	-	-	0.46
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	0.00	0.00	-	-	-	0.00	0.00	-		0.00	(0.00)	-	(0.00)	0.00	-	
Pensions	0.00	0.00	0.01	-	-	-	0.04	0.00	-	1.57	2.04	0.35	-	0.82	0.01	-	3.22
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.00	0.00	0.01	-	-	-	0.04	0.00	-	1.57	2.04	0.35	-	0.82	0.01	-	3.22
Networks Ltd	0.00	0.00	0.01	-	-	-	0.04	0.00	-	1.57	2.04	0.35	-	0.82	0.01	-	3.22
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	0.00	0.00	-	-	-	0.00	0.00	-		(0.00)	(0.00)	-	(0.00)	0.00	-	
Contractors	0.02	-	0.43	-	-	-	0.02	0.08	-	54.95	18.84	2.20	-	4.11	7.66	-	32.81
Materials	(0.00)	-	0.01	-	-	-	0.02	0.10	-	22.49	3.54	0.12	-	1.55	0.04	-	5.25
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	0.01	-	2.93	0.00	-	-	0.00	0.00	-	0.01
Road Charges	-	-	-	-	-	-	-	-	-	0.06	0.14	0.08	-	0.03	(0.00)	-	0.26
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14	1.14
Related Party Margins	-	-	-	-	-	-	-	-	-	(0.05)	(0.71)	-	-	0.10	-	-	(0.61)
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	(0.05)	(0.71)	-	-	0.10	-	-	(0.61)
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	-	-	-	-	-	-	-	-		0.00	-	-	(0.00)	-	-	
Total Gross Costs	0.02	0.00	0.47	-	-	-	0.32	0.19	-	91.35	35.88	4.76	-	11.35	7.77	1.14	60.89
Customer Contributions										(13.44)	-	-	-	-	-	-	
Cost Recoveries	-	-	-	-	-	-	-	-	-	(0.14)	(4.29)	(0.34)	-	(0.02)	-	-	(4.66)
Total Net Costs Before Allocations	0.02	0.00	0.47	-	-	-	0.32	0.19	-	77.77	31.59	4.41	-	11.32	7.77	1.14	56.24
Total Costs by Source:																	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14	1.14
Related Party Totals	0.02	0.00	0.47	-	-	-	0.32	0.19	-	77.77	31.59	4.41	-	11.32	7.77	-	55.09
Networks Ltd	0.02	0.00	0.47	-	-	-	0.32	0.19	-	77.66	31.58	4.41	-	11.08	7.77	-	54.84
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	0.11	0.00	-	-	0.25	-	-	0.25
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	0.02	0.00	0.47	-	-	-	0.32	0.19	-	77.77	31.59	4.41	-	11.32	7.77	1.14	56.24
Check	(0.00)	(0.00)	(0.00)	-	-	-	(0.00)	(0.00)	-	(0.00)	0.00	0.00	-	0.00	(0.00)	(0.00)	(0.00)
Allocation of Income relating to non-op capex and Business	-	-	-	-	-	-	-	-	-	1.77	-	-	-	-	-	-	
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-	-	2.34	-	-	-	-	-	-	-
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Connections outside of RAV																	
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Non Distribution (exc Connections)																	
Total Net Costs after allocation for RAV	0.02	0.00	0.47	-	-	-	0.32	0.19	-	81.89	31.59	4.41	-	11.32	7.77	1.14	56.24
Check: Total allocated to worksheets																	
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour										2.91							
Allocation of Indirects - Pensions										0.40							
Allocation of Indirects - Contractors										1.54							
Allocation of Indirects - Materials										0.74							
Allocation of Indirects - Other										0.28							
Allocation of Indirects - Related Party Margins										0.11							
Indirect Activity Allocations to Connections (RAV related)"										5.98							
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Part Funded Connections (RAV related)																	
Memo: Statutory Non Op Depreciation																	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																	
Memo: LCN Direct Benefits										-							
Costs after allocation of memo items	0.02	0.00	0.47	-	-	-	0.32	0.19	-	87.87	31.59	4.41	-	11.32	7.77	1.14	56.24
Comparison to FBPQ/Allowance																	
Net costs after allocation for RAV	0.0	0.0	0.5	0.0	0.0	0.0	0.3	0.2	0.0	81.9	31.6	4.4	0.0	11.3	7.8	1.1	56.2
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.6	-2.0	-0.4	0.0	-0.8	0.0	0.0	-3.2
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	0.0	0.0	0.5	0.0	0.0	0.0	0.3	0.2	0.0	80.3	29.5	4.1	0.0	10.5	7.8	1.1	53.0
Employer DB pension scheme ongoing contributions	0.00	0.00	0.00	-	-	-	0.04	0.00	-	1.45	1.90	0.33	-	0.76	0.01	-	3.00
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	-	-	-	0.00	0.00	-	0.00	0.00	0.00	-	0.00	0.00	-	0.00
Pension scheme administration costs	0.00	0.00	0.00	-	-	-	0.00	0.00	-	0.08	0.11	0.02	-	0.04	0.00	-	0.17
PPF Levies	0.00	0.00	0.00	-	-	-	0.00	0.00	-	0.02	0.03	0.00	-	0.01	0.00	-	0.05
Employer DB pension scheme contributions to pension st	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total pension costs reported, excluding established deficit rec	0.00	0.00	0.01	-	-	-	0.04	0.00	-	1.55	2.04	0.35	-	0.82	0.01	-	3.22
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	Err	OK	OK	OK	OK	OK	OK	OK

Closely associated Indirects (RAV); Atypicals Non Sev Weather (RAV); Smart Meters; Total RAV (£'m)

Above the Closely associated Indirects columns, printed twice in the Comparison to FBPQ/Allowance section: **Some Columns will be linked to memo**

	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	Closely Associated Indirects	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs
	Closely associated Indirects											Atypicals Non Sev Weather	Smart Meters				
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																	
Labour Total	4.39	3.21	13.73	0.68	4.03	1.44	0.75	4.05	0.46		32.74	3.11				-	64.05
DNO Own	-	-	-	-	-	-	-	-	-		-	-				-	-
Related Part Totals	4.39	3.21	13.73	0.68	4.03	1.44	0.75	4.05	0.46		32.74	3.11				-	64.05
Networks Ltd	4.35	3.21	13.48	0.68	4.03	1.44	0.75	4.05	-		31.99	3.11				-	62.76
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	0.54
Transport	0.04	-	0.25	-	-	-	-	-	0.46		0.75	-				-	0.75
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Pensions	0.64	0.46	2.02	0.13	0.67	0.14	0.12	0.52	0.08		4.77	2.74				-	12.30
DNO Own	-	-	-	-	-	-	-	-	-		-	-				-	-
Related Part Totals	0.64	0.46	2.02	0.13	0.67	0.14	0.12	0.52	0.08		4.77	2.74				-	12.30
Networks Ltd	0.64	0.46	2.02	0.13	0.67	0.14	0.12	0.52	-		4.69	2.74				-	12.22
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-	-	-	-	-	-	-	0.08		0.08	-				-	0.08
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Contractors	0.71	0.82	2.58	0.73	0.04	0.30	0.75	0.61	2.20		8.74	2.92				-	99.42
Materials	0.01	0.05	0.31	0.01	0.02	0.10	0.03	0.12	3.72		4.37	0.05				-	32.17
Wayleaves (inc Easements/Servitudes)	-	-	2.30	-	-	-	-	-	-		2.30	-				-	5.24
Road Charges	-	-	-	-	-	-	-	-	-		-	-				-	0.32
Rent	-	-	-	-	-	-	-	-	-		-	-				-	-
Subscriptions	0.00	0.00	0.03	0.34	-	0.02	0.11	0.01	-		0.51	-				-	1.66
Related Party Margins	-	-	-	-	-	-	-	-	0.68		0.68	0.02				-	0.03
Networks Ltd	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	(0.66)
Transport	-	-	-	-	-	-	-	-	0.68		0.68	-				-	0.68
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	0.02				-	0.02
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Gross Costs	5.74	4.55	20.97	1.89	4.76	1.99	1.76	5.31	7.13		54.12	8.83				-	215.19
Customer Contributions	-	-	-	-	-	-	-	-	-		-	-				-	(13.44)
Cost Recoveries	-	-	-	-	-	-	-	-	-		-	-				-	(4.80)
Total Net Costs Before Allocations	5.74	4.55	20.97	1.89	4.76	1.99	1.76	5.31	7.13		54.12	8.83				-	196.95
Total Costs by Source:																	
DNO Own	-	-	2.30	0.34	-	-	0.11	-	-		2.76	2.71				-	6.62
Related Party Totals	5.74	4.55	18.66	1.55	4.76	1.99	1.65	5.31	7.13		51.36	6.12				-	190.34
Networks Ltd	5.70	4.55	18.41	1.55	4.76	1.99	1.65	5.31	2.00		45.94	6.12				-	184.56
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	0.37
Transport	0.04	-	0.25	-	-	-	-	-	5.13		5.42	-				-	5.42
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
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- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Net Costs Before Allocations	5.74	4.55	20.97	1.89	4.76	1.99	1.76	5.31	7.13		54.12	8.83				-	196.96
Check	-	-	-	-	-	-	-	-	-		-	-				-	(0.00)
Allocation of Income relating to non-op capex and Business	-	-	-	-	-	-	-	-	-		-	-				-	1.77
Allocation of Income relating to closely associated indirects	(0.52)	(0.24)	(0.77)	(0.13)	(0.00)	(0.04)	(0.09)	(0.22)	(0.33)		(2.34)	-					-
Allocation of Indirects - Labour	(0.89)	(0.38)	(1.59)	(0.16)	(0.00)	(0.07)	(0.11)	(0.33)	-		(3.54)						(3.54)
Allocation of Indirects - Pensions	(0.13)	(0.05)	(0.22)	(0.03)	(0.01)	(0.01)	(0.02)	(0.04)	-		(0.50)						(0.50)
Allocation of Indirects - Contractors	(0.01)	(0.03)	(0.05)	(0.06)	-	(0.00)	(0.05)	(0.04)	(0.42)		(0.66)						(0.66)
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.03)	(0.00)	-	(0.00)	(0.01)	(0.01)	(0.25)		(0.32)						(0.32)
Allocation of Indirects - Other	-	(0.00)	(0.00)	-	-	(0.00)	(0.00)	(0.00)	-		(0.00)						(0.00)
Allocation of Indirects - Related Party Margins	-	-	-	(0.00)	-	-	-	-	-		(0.00)						(0.00)
Indirect Activity Allocations to Connections outside of RAV	(1.03)	(0.47)	(1.90)	(0.25)	(0.01)	(0.08)	(0.19)	(0.43)	(0.66)		(5.02)						(5.02)
Allocation of Indirects - Labour	(0.30)	(0.16)	(1.24)	(0.03)	(0.00)	(0.02)	(0.02)	(0.06)	-		(1.84)						(1.84)
Allocation of Indirects - Pensions	(0.03)	(0.02)	(0.07)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	-		(0.15)						(0.15)
Allocation of Indirects - Contractors	0.00	(0.07)	(0.37)	0.01	-	(0.00)	(0.00)	(0.02)	(0.09)		(0.55)						(0.55)
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.00)	(0.01)	(0.06)		(0.07)						(0.07)
Allocation of Indirects - Other	-	(0.00)	(0.00)	-	-	(0.00)	(0.00)	(0.00)	-		(0.00)						(0.00)
Allocation of Indirects - Related Party Margins	-	-	-	(0.00)	-	-	-	-	-		(0.00)						(0.00)
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.33)	(0.25)	(1.70)	(0.04)	(0.00)	(0.02)	(0.03)	(0.10)	(0.15)		(2.62)						(2.62)
Total Net Costs after allocation for RAV	3.87	3.59	16.60	1.48	4.74	1.85	1.45	4.57	5.99		44.14	8.83				-	191.09
Check: Total allocated to worksheets																	
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour	(0.60)	(0.26)	(0.83)	(0.11)	(0.00)	(0.05)	(0.07)	(0.22)	-		(2.14)						0.77
Allocation of Indirects - Pensions	(0.09)	(0.04)	(0.15)	(0.02)	(0.00)	(0.00)	(0.01)	(0.03)	-		(0.34)						0.06
Allocation of Indirects - Contractors	(0.01)	(0.02)	(0.04)	(0.04)	-	(0.00)	(0.03)	(0.03)	(0.28)		(0.45)						1.10
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.02)	(0.00)	-	(0.00)	(0.01)	(0.01)	(0.17)		(0.21)						0.52
Allocation of Indirects - Other	-	(0.00)	(0.00)	-	-	(0.00)	(0.00)	(0.00)	-		(0.00)						0.28
Allocation of Indirects - Related Party Margins	-	-	-	(0.00)	-	-	-	-	-		(0.00)						0.11
Indirect Activity Allocations to Connections (RAV related)"	(0.69)	(0.32)	(1.04)	(0.17)	(0.00)	(0.06)	(0.12)	(0.29)	(0.45)		(3.14)						2.84
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Pensions	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Contractors	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Materials	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Other	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Part Funded Connections (RAV related)	-	-	-	-	-	-	-	-	-		-						-
Memo: Statutory Non Op Depreciation																	
DNO Own	-	-	-	-	-	-	-	-	1.22		1.22	-				-	1.22
Related Part Totals	-	-	-	-	-	-	-	-	1.33		1.33	-				-	1.33
Networks Ltd	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-	-	-	-	-	-	-	1.33		1.33	-				-	1.33
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
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- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																	
Memo: LCN Direct Benefits																-	
Costs after allocation of memo items	3.17	3.27	15.57	1.30	4.74	1.80	1.33	4.28	8.08		43.54	8.83				-	196.48
Comparison to FBPQ/Allowance																	
Net costs after allocation for RAV	3.9	3.6	16.6	1.5	4.7	1.9	1.5	4.6	6.0		44.1	8.8				0.0	191.1
Less Pension Direct	-0.6	-0.5	-2.0	-0.1	-0.7	-0.1	-0.1	-0.5	-0.1		-4.8	-2.7				0.0	-12.3
Less Pension Allocated to excluded services	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.1	0.0		0.7	0.0				0.0	0.7
Net costs after allocation for RAV excluding pensions	3.4	3.2	14.9	1.4	4.1	1.7	1.4	4.1	5.9		40.0	6.1				0.0	179.4
Employer DB pension scheme ongoing contributions	0.59	0.43	1.88	0.12	0.63	0.13	0.11	0.48	0.07		4.45	-				-	8.89
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.01	-				-	0.01
Pension scheme administration costs	0.03	0.02	0.11	0.01	0.04	0.01	0.01	0.03	0.00		0.25	-				-	0.50
PPF Levies	0.01	0.01	0.03	0.00	0.01	0.00	0.00	0.01	0.00		0.07	-				-	0.13
Employer DB pension scheme contributions to pension st	-	-	-	-	-	-	-	-	-		-	2.74				-	2.74
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-		-	-				-	-
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-		-	-				-	-
Total pension costs reported, excluding established deficit rec	0.64	0.46	2.02	0.13	0.67	0.14	0.12	0.52	0.08		4.77	2.74				-	12.28
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK				OK	Err

Business Support; Non Op Capex; Atypicals; Stand Alone Funding (not RAV); Costs Within Price Control; Non Price Control; Costs outside Price Control; NABC; Total DNO (£'m)

	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Connection projects; DG (Excl services)	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO	
	Business Support							Non Op Capex	Atypicals Non Sev Weather	Stand Alone Funding (not RAV)	Costs Within Price Control	Non Price Control: Connections outside of RAV				Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC				Total DNO	
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	
Cost Type																								
Labour Total	0.28	1.08	3.56	1.50	2.56	0.55	9.53	-	0.68	0.13	74.39	2.40	0.10	0.04	2.53	1.65	-	4.18	-	-		-	78.57	
DNO Own	-	-	(0.00)	-	-	-	(0.00)	-	-	-	(0.00)	-	-	-	-	-	-	-	-	-		-	(0.00)	
Related Part Totals	0.28	1.08	3.56	1.50	2.56	0.55	9.53	-	0.68	0.13	74.39	2.40	0.10	0.04	2.53	1.65	-	4.18	-	-		-	78.57	
Networks Ltd	0.27	1.04	3.20	1.50	0.43	0.55	6.99	-	0.68	0.13	70.56	2.28	0.10	0.04	2.42	0.92	-	3.34	-	-		-	73.90	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	0.33	-	-	-	0.33	-	-	-	0.87	0.11	-	-	0.11	0.73	-	0.84	-	-		-	1.71	
Transport	0.00	0.01	0.00	-	0.01	0.00	0.04	-	-	-	0.79	-	-	-	-	-	-	-	-	-		-	0.79	
Corporate	-	0.02	0.03	-	-	-	0.05	-	-	-	0.05	-	-	-	-	-	-	-	-	-		-	0.05	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	2.12	-	2.12	-	-	-	2.12	-	-	-	-	-	-	-	-	-		-	2.12	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Pensions	0.04	0.11	0.40	0.08	0.05	0.07	0.74	-	0.58	-	13.62	0.33	0.01	0.01	0.35	0.13	-	0.48	-	-		-	14.10	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Related Part Totals	0.04	0.11	0.40	0.08	0.05	0.07	0.74	-	0.58	-	13.62	0.33	0.01	0.01	0.35	0.13	-	0.48	-	-		-	14.10	
Networks Ltd	0.04	0.11	0.40	0.08	0.05	0.07	0.74	-	0.58	-	13.54	0.33	0.01	0.01	0.35	0.13	-	0.48	-	-		-	14.02	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	-	-	-	-	-	-	-	-	-	-	0.08	-	-	-	-	-	-	-	-	-		-	0.08	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contractors	0.08	1.34	1.71	0.58	7.37	2.58	13.64	13.01	1.79	0.77	128.64	7.10	1.28	0.15	8.53	4.35	0.09	12.97					141.61	
Materials	0.00	0.12	0.03	0.18	0.02	0.22	0.57	1.97	0.00	0.01	34.72	4.87	0.19	0.14	5.20	2.31	-	7.51					42.23	
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	5.24	0.11	-	-	0.11	0.03	-	0.13					5.37	
Road Charges	-	-	-	-	-	-	-	-	-	-	0.32	0.21	0.02	0.00	0.24	0.08	-	0.32					0.64	
Rent	-	-	3.11	-	-	3.08	6.18	-	-	-	6.18	-	-	-	-	-	-	-					6.18	
Subscriptions	-	0.00	0.26	0.04	0.00	0.00	0.30	-	-	-	1.96	-	-	-	-	-	-	-	21.94	21.70		43.64	45.60	
Related Party Margins	-	0.02	(0.29)	-	1.35	0.03	1.12	0.08	0.00	-	1.23	(0.07)	-	-	(0.07)	(0.17)	-	(0.24)					0.99	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	Disallowed
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
EFS	-	-	(0.29)	-	-	-	(0.29)	-	-	-	(0.95)	(0.07)	-	-	(0.07)	(0.17)	-	(0.24)	-	-		-	(1.19)	Disallowed
Transport	-	-	-	-	-	-	-	-	-	-	0.68	-	-	-	-	-	-	-	-	-		-	0.68	Disallowed
Corporate	-	0.02	0.01	-	-	0.03	0.06	0.08	-	-	0.13	-	-	-	-	-	-	-	-	-		-	0.13	Disallowed
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
IT	-	-	-	-	1.35	-	1.35	-	0.00	-	1.37	-	-	-	-	-	-	-	-	-		-	1.37	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total Gross Costs	0.40	2.66	8.78	2.37	11.35	6.52	32.07	15.05	3.05	0.91	266.28	14.95	1.60	0.33	16.88	8.38	0.09	25.36	21.94	21.70		43.64	335.28	
Customer Contributions	-	-	-	-	-	-	-	-	-	-	(13.44)	(22.72)	(2.21)	(0.83)	(25.75)	-	-	(25.75)					(39.19)	
Cost Recoveries	-	-	(0.40)	-	-	-	(0.40)	-	-	-	(5.20)	-	-	-	-	-	-	-					(5.20)	
Total Net Costs Before Allocations	0.40	2.66	8.38	2.37	11.35	6.52	31.67	15.05	3.05	0.91	247.65	(7.77)	(0.61)	(0.49)	(8.87)	8.38	0.09	(0.39)	21.94	21.70		43.64	290.89	
Total Costs by Source:																								
DNO Own	-	-	0.40	-	-	0.07	0.47	-	0.58	-	7.67	-	-	-	-	-	-	-	21.94	21.70		43.64	51.31	
Related Party Totals	0.40	2.66	7.98	2.37	11.35	6.45	31.20	15.05	2.47	0.91	239.98	(7.77)	(0.61)	(0.49)	(8.87)	8.38	0.09	(0.39)	-	-		-	239.59	
Networks Ltd	0.39	2.49	7.47	2.37	0.97	6.14	19.84	13.30	2.47	0.91	221.08	(7.93)	(0.61)	(0.49)	(9.03)	7.36	0.09	(1.58)	-	-		-	219.50	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	0.45	-	-	-	0.45	-	-	-	0.82	0.16	-	-	0.16	1.03	-	1.19	-	-		-	2.01	
Transport	0.00	0.01	0.00	-	0.01	0.08	0.11	1.17	-	-	6.70	-	-	-	-	-	-	-	-	-		-	6.70	
Corporate	-	0.15	0.04	-	-	0.23	0.42	-	-	-	0.42	-	-	-	-	-	-	-	-	-		-	0.42	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	10.37	-	10.37	0.58	-	-	10.95	-	-	-	-	-	-	-	-	-		-	10.95	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total Net Costs Before Allocations	0.40	2.66	8.38	2.37	11.35	6.52	31.67	15.05	3.05	0.91	247.65	(7.77)	(0.61)	(0.49)	(8.87)	8.38	0.09	(0.39)	21.94	21.70		43.64	290.90	
Check	-	-	-	-	-	0.00	0.00	-	-	-	(0.00)	-	-	-	-	-	-	(0.00)	-	-		-	(0.00)	
Allocation of Income relating to non-op capex and Business	(0.00)	(0.17)	(0.27)	(0.17)	(0.72)	(0.44)	(1.77)	-	-	-	(0.00)	-	-	-	-	-	-	-	-	-			(0.00)	
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	
Allocation of Indirects - Labour	(0.00)	(0.14)	(0.43)	(0.21)	(0.28)	(0.08)	(1.14)	-			(4.68)	4.02	0.48	0.18	4.68			4.68					-	OK
Allocation of Indirects - Pensions	(0.00)	(0.01)	(0.05)	(0.01)	(0.00)	(0.01)	(0.09)	-			(0.59)	0.53	0.04	0.02	0.59			0.59					-	OK
Allocation of Indirects - Contractors	(0.00)	(0.17)	(0.04)	(0.07)	(0.98)	(0.33)	(1.58)	(0.04)			(2.29)	2.03	0.17	0.09	2.29			2.29					0.00	OK
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.00)	(0.04)	(0.00)	(0.03)	(0.09)	(0.69)			(1.09)	0.97	0.08	0.04	1.09			1.09					0.00	OK
Allocation of Indirects - Other	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.41)	(0.41)	-			(0.42)	0.37	0.03	0.02	0.42			0.42					0.00	OK
Allocation of Indirects - Related Party Margins	-	(0.00)	(0.00)	-	(0.16)	(0.00)	(0.16)	-			(0.16)	0.15	0.01	0.01	0.16			0.16					-	OK
Indirect Activity Allocations to Connections outside of RAV	(0.00)	(0.33)	(0.53)	(0.33)	(1.42)	(0.86)	(3.48)	(0.73)			(9.24)	8.06	0.81	0.37	9.24			9.24					(0.00)	OK
Allocation of Indirects - Labour	(0.00)	0.02	(0.01)	(0.03)	(0.07)	(0.02)	(0.11)	-		-	(1.95)				-	1.95	-	1.95	-	-		-	(0.00)	OK
Allocation of Indirects - Pensions	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	-		-	(0.15)				-	0.15	-	0.15	-	-		-	0.00	OK
Allocation of Indirects - Contractors	-	(0.04)	(0.01)	(0.02)	0.06	(0.01)	(0.02)	(0.01)		-	(0.58)				-	0.58	-	0.58	-	-		-	(0.00)	OK
Allocation of Indirects - Materials	-	(0.00)	(0.00)	(0.01)	(0.00)	(0.01)	(0.02)	(0.17)		-	(0.26)				-	0.26	-	0.26	-	-		-	0.00	OK
Allocation of Indirects - Other	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.05)	(0.06)	-		-	(0.06)				-	0.06	-	0.06	-	-		-	-	OK
Allocation of Indirects - Related Party Margins	-	(0.00)	(0.00)	-	(0.04)	(0.00)	(0.04)	-		-	(0.04)				-	0.04	-	0.04	-	-		-	-	OK
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.00)	(0.01)	(0.03)	(0.05)	(0.05)	(0.11)	(0.25)	(0.18)		-	(3.05)				-	3.05	-	3.05	-	-		-	-	OK
Total Net Costs after allocation for RAV	0.39	2.15	7.55	1.81	9.15	5.11	26.17	14.14	3.05	0.91	235.37	0.29	0.20	(0.12)	0.37	11.43	0.09	11.89	21.94	21.70		43.64	290.90	
Check: Total allocated to worksheets											-													
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	(0.00)	(0.09)	(0.29)	(0.14)	(0.19)	(0.05)	(0.77)	-			0.00												0.00	OK
Allocation of Indirects - Pensions	(0.00)	(0.01)	(0.04)	(0.01)	(0.00)	(0.01)	(0.06)	-			0.00												0.00	OK
Allocation of Indirects - Contractors	(0.00)	(0.11)	(0.03)	(0.05)	(0.66)	(0.22)	(1.07)	(0.03)			0.00												0.00	OK
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.00)	(0.03)	(0.00)	(0.02)	(0.06)	(0.47)			0.00												0.00	OK
Allocation of Indirects - Other	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.28)	(0.28)	-			(0.00)												(0.00)	OK
Allocation of Indirects - Related Party Margins	-	(0.00)	(0.00)	-	(0.11)	(0.00)	(0.11)	-			0.00												0.00	OK
Indirect Activity Allocations to Connections (RAV related)"	(0.00)	(0.22)	(0.36)	(0.22)	(0.96)	(0.58)	(2.35)	(0.49)			0.00												0.00	OK
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Pensions	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Contractors	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Materials	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Other	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-			-												-	OK
Indirect Activity Allocations to Part Funded Connections (RAV related)	-	-	-	-	-	-	-	-			-												-	OK
Memo: Statutory Non Op Depreciation																								
DNO Own	-	-	-	-	2.53	0.52	3.05	1.01	-	-	5.27	-	-	-	-	-	-	-	-	-		-	5.27	
Related Part Totals	-	-	-	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	-	-		-	1.33	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	-	-	-	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	-	-	-		-	1.33	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Memo: Statutory Allocation (of Total Net costs after allocation)																							-	
Memo: LCN Direct Benefits																						-	-	
Costs after allocation of memo items	0.39	1.92	7.20	1.58	10.73	5.05	26.87	14.66	3.05	0.91	241.97	0.29	0.20	(0.12)	0.37	11.43	0.09	11.89	21.94	21.70		43.64	297.50	
Comparison to FBPQ/Allowance																								
Net costs after allocation for RAV	0.4	2.1	7.6	1.8	9.2	5.1	26.2	14.1	3.1	0.9	235.4	0.3	0.2	-0.1	0.4	11.4	0.1	11.9	21.9	21.7		43.6	290.9	
Less Pension Direct	0.0	-0.1	-0.4	-0.1	0.0	-0.1	-0.7	0.0	-0.6	0.0	-13.6	-0.3	0.0	0.0	-0.3	-0.1	0.0	-0.5	0.0	0.0		0.0	-14.1	
Less Pension Allocated to excluded services	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.7	-0.5	0.0	0.0	-0.6	-0.2	0.0	-0.7	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions	0.4	2.1	7.2	1.7	9.1	5.1	25.5	14.1	2.5	0.9	222.5	-0.6	0.1	-0.2	-0.6	11.1	0.1	10.7	21.9	21.7		43.6	276.8	
Employer DB pension scheme ongoing contributions	0.04	0.10	0.37	0.07	0.04	0.06	0.69	-	-	-	9.58	0.31	0.01	0.01	0.32	0.12	-	0.44	-	-		-	10.03	
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.01	0.00	0.00	0.00	0.00	0.00	-	0.00	-	-		-	0.02	
Pension scheme administration costs	0.00	0.01	0.02	0.00	0.00	0.00	0.04	-	-	-	0.54	0.02	0.00	0.00	0.02	0.01	-	0.03	-	-		-	0.57	
PPF Levies	0.00	0.00	0.01	0.00	0.00	0.00	0.01	-	-	-	0.15	0.00	0.00	0.00	0.00	0.00	-	0.01	-	-		-	0.15	
Employer DB pension scheme contributions to pension st	-	-	-	-	-	-	-	-	0.58	-	3.31	-	-	-	-	-	-	-	-	-		-	3.31	
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total pension costs reported, excluding established deficit rec	0.04	0.11	0.40	0.08	0.05	0.07	0.74	-	0.58	-	13.60	0.33	0.01	0.01	0.35	0.13	-	0.48	-	-		-	14.07	
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	Err	OK	OK	OK	OK	OK	OK	OK	OK			OK	Err	

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2013

Network Investment Costs (RAV) — Connections / Core Costs (£'m)

Cost Type	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Blank (inserted for consistency with ED1)	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	**Total Core Costs**
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**
Labour Total	0.26	0.44	0.28	0.26		0.55		0.12	5.59	0.15	0.57	0.17	0.43	0.45		0.50		8.80
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	0.26	0.44	0.28	0.26		0.55		0.12	5.59	0.15	0.57	0.17	0.43	0.45		0.50		8.80
Networks Ltd	0.26	0.44	0.28	0.26		0.55		0.12	5.59	0.15	0.57	0.17	0.43	0.45		0.50		8.80
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	-		(0.00)		-	-	-	-	-	-	-		-		-
Pensions	0.04	0.07	0.05	0.04		0.08		0.02	0.82	0.02	0.08	0.02	0.06	0.07		0.07		1.29
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	0.04	0.07	0.05	0.04		0.08		0.02	0.82	0.02	0.08	0.02	0.06	0.07		0.07		1.29
Networks Ltd	0.04	0.07	0.05	0.04		0.08		0.02	0.82	0.02	0.08	0.02	0.06	0.07		0.07		1.29
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	-		0.00		-	-	-	-	-	-	-		-		-
Contractors	1.40	1.53	0.97	2.75		7.52		2.22	19.54	1.15	2.31	1.45	2.83	0.38		8.48		48.64
Materials	0.19	0.74	0.49	0.85		2.58		0.70	5.50	0.20	0.82	0.44	0.51	3.83		2.66		18.10
Wayleaves (inc Easements/Servitudes)	0.02	0.03	0.02	2.73		0.17		0.00	0.11	0.01	0.00	-	0.07	0.00		0.05		3.14
Road Charges	0.01	0.03	0.02	0.00		0.02		0.00	0.02	0.00	0.00	-	0.00	0.00		0.00		0.04
Rent	-	-	-	-		-		-	-	-	-	-	-	-		-		
Subscriptions	-	-	-	-		-		-	-	-	-	-	-	-		-		
Related Party Margins	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total Gross Costs	**1.92**	**2.83**	**1.83**	**6.63**		**10.92**		**3.05**	**31.58**	**1.54**	**3.79**	**2.08**	**3.91**	**4.73**		**11.76**		**80.01**
Customer Contributions	(3.45)	-	(2.24)	-		-		-	-	-	-	-	-	-		-		-
Cost Recoveries	-	-	-	(0.00)		-		-	(0.05)	-	-	-	-	-		-		(0.05)
Total Net Costs Before Allocations	**(1.54)**	**2.83**	**(0.41)**	**6.63**		**10.92**		**3.05**	**31.54**	**1.54**	**3.79**	**2.08**	**3.91**	**4.73**		**11.76**		**79.96**
Total Costs by Source:																		
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Party Totals	**(1.54)**	**2.83**	**(0.41)**	**6.63**		**10.92**		**3.05**	**31.54**	**1.54**	**3.79**	**2.08**	**3.91**	**4.73**		**11.76**		**79.96**
Networks Ltd	(1.54)	2.83	(0.41)	6.63		10.92		3.05	31.54	1.54	3.79	2.08	3.91	4.73		11.76		79.96
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total Net Costs Before Allocations	(1.54)	2.83	(0.41)	6.63		10.92		3.05	31.54	1.54	3.79	2.08	3.91	4.73		11.76		79.96
Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Allocation of Income relating to non-op capex and Business	0.29	-	0.18	-		-		-	-	-	-	-	-	-		-		-
Allocation of Income relating to closely associated indirects	0.67	-	0.43	-		-		-	-	-	-	-	-	-		-		-
Allocation of Indirects - Labour																		
Allocation of Indirects - Pensions																		
Allocation of Indirects - Contractors																		
Allocation of Indirects - Materials																		
Allocation of Indirects - Other																		
Allocation of Indirects - Related Party Margins																		
Indirect Activity Allocations to Connections outside of RAV																		
Allocation of Indirects - Labour																		
Allocation of Indirects - Pensions																		
Allocation of Indirects - Contractors																		
Allocation of Indirects - Materials																		
Allocation of Indirects - Other																		
Allocation of Indirects - Related Party Margins																		
Indirect Activity Allocations to Non Distribution (exc Connections)																		
Total Net Costs after allocation for RAV	(0.57)	2.83	**0.21**	6.63		10.92		3.05	31.54	1.54	3.79	2.08	3.91	4.73		11.76		79.96
Check: Total allocated to worksheets																		
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour	0.67	0.79	0.43															
Allocation of Indirects - Pensions	0.09	0.10	0.06															
Allocation of Indirects - Contractors	0.50	0.60	0.32															
Allocation of Indirects - Materials	0.15	0.18	0.10															
Allocation of Indirects - Other	0.06	0.07	0.04															
Allocation of Indirects - Related Party Margins	0.00	0.00	0.00															
Indirect Activity Allocations to Connections (RAV related)"	1.48	1.75	0.94															
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour		-	-															
Allocation of Indirects - Pensions		-	-															
Allocation of Indirects - Contractors		-	-															
Allocation of Indirects - Materials		-	-															
Allocation of Indirects - Other		-	-															
Allocation of Indirects - Related Party Margins		-	-															
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-															
Memo: Statutory Non Op Depreciation																		
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Memo: Statutory Allocation (of Total Net costs after allocation)																		
Memo: LCN Direct Benefits																		
Costs after allocation of memo items	0.91	4.58	1.15	6.63		10.92		3.05	31.54	1.54	3.79	2.08	3.91	4.73		11.76		79.96
Comparison to FBPQ/Allowance																		
Net costs after allocation for RAV	-0.6	2.8	0.2	6.6		10.9		3.1	31.5	1.5	3.8	2.1	3.9	4.7		11.8		80.0
Less Pension Direct	0.0	-0.1	0.0	0.0		-0.1		0.0	-0.8	0.0	-0.1	0.0	-0.1	-0.1		-0.1		-1.3
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0
Net costs after allocation for RAV excluding pensions	-0.6	2.8	0.2	6.6		10.8		3.0	30.7	1.5	3.7	2.1	3.8	4.7		11.7		78.7
Employer DB pension scheme ongoing contributions	0.04	0.06	0.04	0.03		0.07		0.02	0.73	0.02	0.07	0.02	0.06	0.06		0.06		1.15
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	0.00		0.00		0.00	0.01	0.00	0.00	0.00	0.00	0.00		0.00		0.02
Pension scheme administration costs	0.00	0.00	0.00	0.00		0.01		0.00	0.06	0.00	0.01	0.00	0.00	0.00		0.00		0.09
PPF Levies	0.00	0.00	0.00	0.00		0.00		0.00	0.02	0.00	0.00	0.00	0.00	0.00		0.00		0.03
Employer DB pension scheme contributions to pension sti	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Incremental deficit recovery payments	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Other pension costs included in the amount reported	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total pension costs reported, excluding established deficit rec	**0.04**	0.07	0.05	0.04		0.08		0.02	0.82	0.02	0.08	0.02	0.06	0.07		0.07		1.29
Check to Pension (row 29)	OK	OK	OK	OK		OK		OK	OK	OK	OK	OK	OK	OK		OK		OK

Network Investment Costs (RAV) — Non core / Stand Alone Funding (RAV) / Total; Network Operating Costs (RAV) (£'m)

Cost Type	Flooding	BT21CN	Technical losses and oth	High impact Low Probab	Critical National Infrastru	Black Start	Rising Mains and Lateral	Undergrounding Within/ Outside designated areas	Worst Served Customers	**Total Network Investment Costs**	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	**Network Operating Costs**
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**
Labour Total	0.03	0.00	0.01	-	-	0.00	0.67	-	0.00	10.49	11.21	3.07	-	4.69	0.10	0.30	19.35
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.03	0.00	0.01	-	-	0.00	0.67	-	0.00	10.49	11.21	3.07	-	4.69	0.10	0.29	19.35
Networks Ltd	0.03	0.00	0.01	-	-	0.00	0.67	-	0.00	10.49	11.21	3.07	-	4.69	0.10	0.29	19.35
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(0.00)	-
Pensions	0.00	0.00	0.00	-	-	0.00	0.10	-	0.00	1.55	1.64	0.45	-	0.69	0.01	0.04	2.83
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.00	0.00	0.00	-	-	0.00	0.10	-	0.00	1.55	1.64	0.45	-	0.69	0.01	0.04	2.83
Networks Ltd	0.00	0.00	0.00	-	-	0.00	0.10	-	0.00	1.55	1.64	0.45	-	0.69	0.01	0.04	2.83
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors	0.62	0.04	0.46	-	-	0.01	0.61	0.50	0.05	54.83	15.43	2.88	-	4.08	7.84	0.34	30.56
Materials	0.00	0.00	0.01	-	-	0.00	0.08	0.14	0.02	19.77	3.44	0.14	-	1.50	0.01	0.01	5.10
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	0.00	0.00	3.21	0.01	0.00	-	0.00	-	-	0.01
Road Charges	-	-	-	-	-	-	0.00	-	-	0.10	0.16	0.10	-	0.01	0.00	0.00	0.27
Rent	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-		-	-	-	-	-	1.10	1.10
Related Party Margins	-	-	-	-	-	-	-	-	-		-	-	-	0.00	-	-	0.00
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	-	0.00
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs	**0.65**	**0.04**	**0.48**	-	-	**0.01**	**1.46**	**0.64**	**0.07**	89.94	**31.88**	**6.63**	-	**10.97**	**7.96**	**1.79**	**59.23**
Customer Contributions										(5.69)	-	-		-	-	-	-
Cost Recoveries	-	-	-	-	-	-	-	-	-	(0.05)	(3.13)	(0.31)	-	(0.00)	-	(0.01)	(3.45)
Total Net Costs Before Allocations	**0.04**	**0.04**	**0.48**	-	-	**0.01**	**1.46**	**0.64**	**0.07**	84.21	**28.75**	**6.33**	-	**10.97**	**7.96**	**1.77**	**55.77**
Total Costs by Source:																	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	1.10
Related Party Totals	**0.65**	**0.04**	**0.48**	-	-	**0.01**	**1.46**	**0.64**	**0.07**	84.21	**28.75**	**6.33**	-	**10.97**	**7.96**	**0.68**	**54.68**
Networks Ltd	0.65	0.04	0.48	-	-	0.01	1.46	0.64	0.07	84.21	28.75	6.33	-	10.82	7.96	0.68	54.52
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	-	-	0.15
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	0.04	0.48	0.48	-	-	0.01	1.46	0.64	0.07	84.21	28.75	6.33	-	10.97	7.96	1.77	55.77
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-
Allocation of Income relating to non-op capex and Business	-	-	-	-	-	-	-	-	-	0.47	-	-	-	-	-	-	-
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-	-	1.10	-	-	-	-	-	-	-
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Connections outside of RAV																	
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Non Distribution (exc Connections)																	
Total Net Costs after allocation for RAV	0.65	0.04	0.48	-	-	0.01	1.46	0.64	0.07	85.79	28.75	6.33	-	10.97	7.96	1.77	55.77
Check: Total allocated to worksheets																	
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour										1.89							
Allocation of Indirects - Pensions										0.25							
Allocation of Indirects - Contractors										1.42							
Allocation of Indirects - Materials										0.44							
Allocation of Indirects - Other										0.17							
Allocation of Indirects - Related Party Margins										0.01							
Indirect Activity Allocations to Connections (RAV related)"										4.18							
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Part Funded Connections (RAV related)																	
Memo: Statutory Non Op Depreciation																	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																	
Memo: LCN Direct Benefits										-							
Costs after allocation of memo items	0.65	0.04	0.48	-	-	0.01	1.46	0.64	0.07	89.96	28.75	6.33	-	10.97	7.96	1.77	55.77
Comparison to FBPQ/Allowance																	
Net costs after allocation for RAV	0.7	0.0	0.5	0.0	0.0	0.0	1.5	0.6	0.1	85.8	28.7	6.3	0.0	11.0	8.0	1.8	55.8
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-1.5	-1.6	-0.4	0.0	-0.7	0.0	0.0	-2.8
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	0.6	0.0	0.5	0.0	0.0	0.0	1.4	0.6	0.1	84.236	27.1	5.9	0.0	10.3	7.9	1.7	52.942
Employer DB pension scheme ongoing contributions	0.00	0.00	0.00	-	-	0.00	0.09	-	0.00	1.38	1.46	0.40	-	0.61	0.01	0.04	2.53
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	-	-	0.00	0.00	-	0.00	0.03	0.03	0.01	-	0.01	0.00	0.00	0.05
Pension scheme administration costs	0.00	0.00	0.00	-	-	0.00	0.01	-	0.00	0.11	0.11	0.03	-	0.05	0.00	0.00	0.19
PPF Levies	0.00	0.00	0.00	-	-	0.00	0.00	-	0.00	0.04	0.04	0.01	-	0.02	0.00	0.00	0.07
Employer DB pension scheme contributions to pension sti	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total pension costs reported, excluding established deficit rec	0.00	0.00	0.00	-	-	0.00	0.10	-	0.00	1.55	1.64	0.45	-	0.69	0.01	0.04	2.83
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Closely associated Indirects (RAV) / Atypicals Non Sev Weather (RAV) / Smart Meters (£'m)

Cost Type	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	**Closely Associated Indirects**	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	**Total Smart Meters**	**TOTAL RAV related Costs**
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m		**£'m**	£'m	£'m	£'m	£'m	**£'m**	**£'m**
Labour Total	3.78	3.13	13.40	0.56	3.96	1.41	0.62	3.54	0.43		30.82	0.54				-	61.20
DNO Own	-	-	-	-	-	-	-	-	-		-	-				-	-
Related Part Totals	3.78	3.13	13.40	0.56	3.96	1.41	0.62	3.54	0.43		30.82	0.54				-	61.20
Networks Ltd	3.69	3.13	13.17	0.56	3.95	1.41	0.62	3.54	-		30.06	0.54				-	60.45
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	0.09	-	0.23	-	0.00	-	0.00	-	0.43		0.75	-				-	0.75
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Pensions	0.54	0.43	1.80	0.10	0.64	0.11	0.09	0.39	0.07		4.18	0.25				-	8.81
DNO Own	-	-	-	-	-	-	-	-	-		-	-				-	-
Related Part Totals	0.54	0.43	1.80	0.10	0.64	0.11	0.09	0.39	0.07		4.18	0.25				-	8.81
Networks Ltd	0.54	0.43	1.80	0.10	0.64	0.11	0.09	0.39	-		4.11	0.25				-	8.74
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-	-	-	-	-	-	-	0.07		0.07	-				-	0.07
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Contractors	0.61	1.28	3.44	0.56	0.00	0.53	0.71	0.50	2.35		9.98	0.54				-	95.90
Materials	0.02	0.07	0.41	0.01	0.00	0.06	0.25	0.18	3.93		4.93	(0.00)				-	29.81
Wayleaves (inc Easements/Servitudes)	-	-	1.88	-	-	-	-	-	-		1.88	-				-	5.11
Road Charges	-	-	-	-	-	-	-	-	-		-	-				-	0.37
Rent	-	-	-	-	-	-	-	0.15	-		0.15	-				-	0.15
Subscriptions	0.00	0.00	0.04	0.35	-	0.01	0.10	-	-		0.51	-				-	1.60
Related Party Margins	-	-	-	-	-	-	-	-	0.20		0.20	-				-	0.20
Networks Ltd	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	0.00
Transport	-	-	-	-	-	-	-	-	0.20		0.20	-				-	0.20
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Gross Costs	**4.95**	**4.91**	**20.96**	**1.59**	**4.60**	**2.11**	**1.78**	**4.77**	**6.98**		**52.65**	**1.33**				-	203.16
Customer Contributions	-	-	-	-	-	-	-	-	-		-	-				-	(5.69)
Cost Recoveries	-	-	-	-	-	-	-	-	-		-	-				-	(3.50)
Total Net Costs Before Allocations	**4.95**	**4.91**	**20.96**	**1.59**	**4.60**	**2.11**	**1.78**	**4.77**	**6.98**		**52.65**	**1.33**				-	193.96
Total Costs by Source:																	
DNO Own	-	-	1.85	0.35	-	-	0.10	-	-		2.31	-				-	3.41
Related Party Totals	**4.95**	**4.91**	**19.11**	**1.23**	**4.60**	**2.11**	**1.68**	**4.77**	**6.98**		**50.34**	**1.33**				-	190.56
Networks Ltd	4.86	4.91	18.88	1.23	4.60	2.11	1.67	4.77	1.81		44.84	1.33				-	184.91
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	0.15
Transport	0.09	-	0.23	-	0.00	-	0.00	-	5.17		5.50	-				-	5.50
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Net Costs Before Allocations	4.95	4.91	20.96	1.59	4.60	2.11	1.78	4.77	6.98		52.65	1.33				-	193.96
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Allocation of Income relating to non-op capex and Business	-	-	-	-	-	-	-	-	-		-	-				-	0.47
Allocation of Income relating to closely associated indirects	(0.20)	(0.14)	(0.45)	(0.05)	(0.00)	(0.02)	(0.03)	(0.08)	(0.13)		(1.10)	-					-
Allocation of Indirects - Labour	(1.22)	(0.53)	(2.49)	(0.15)	(0.00)	(0.12)	(0.09)	(0.41)	-		(5.01)						(5.01)
Allocation of Indirects - Pensions	(0.16)	(0.08)	(0.35)	(0.03)	(0.01)	(0.01)	(0.01)	(0.05)	-		(0.69)						(0.69)
Allocation of Indirects - Contractors	(0.00)	(0.36)	(0.31)	(0.17)	-	(0.04)	(0.10)	(0.06)	(0.52)		(1.56)						(1.56)
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.05)	(0.00)	-	(0.00)	(0.03)	(0.02)	(0.40)		(0.52)						(0.52)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.01)	-	-	(0.00)	-	(0.03)	-		(0.03)						(0.03)
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Connections outside of RAV	(1.38)	(0.98)	(3.21)	(0.34)	(0.01)	(0.17)	(0.23)	(0.56)	(0.92)		(7.81)						(7.81)
Allocation of Indirects - Labour	(0.25)	(0.20)	(0.49)	(0.04)	(0.00)	(0.03)	(0.02)	(0.09)	-		(1.13)						(1.13)
Allocation of Indirects - Pensions	(0.03)	(0.02)	(0.07)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	-		(0.15)						(0.15)
Allocation of Indirects - Contractors	0.00	(0.07)	(0.08)	(0.05)	-	(0.01)	(0.03)	(0.02)	(0.10)		(0.36)						(0.36)
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.01)	(0.01)	(0.08)		(0.10)						(0.10)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.01)	-		(0.01)						(0.01)
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.28)	(0.29)	(0.65)	(0.10)	(0.00)	(0.05)	(0.06)	(0.14)	(0.18)		(1.75)						(1.75)
Total Net Costs after allocation for RAV	3.09	3.51	16.65	1.10	4.59	1.86	1.45	4.00	5.75		41.99	1.33				-	184.88
Check: Total allocated to worksheets																	
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour	(0.39)	(0.17)	(0.79)	(0.05)	(0.00)	(0.04)	(0.03)	(0.13)	-		(1.58)						0.30
Allocation of Indirects - Pensions	(0.05)	(0.03)	(0.11)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	-		(0.22)						0.03
Allocation of Indirects - Contractors	(0.00)	(0.11)	(0.10)	(0.05)	-	(0.01)	(0.03)	(0.02)	(0.16)		(0.49)						0.93
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.02)	(0.00)	-	(0.00)	(0.01)	(0.01)	(0.13)		(0.16)						0.27
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.01)	-		(0.01)						0.16
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-		-						0.01
Indirect Activity Allocations to Connections (RAV related)"	(0.44)	(0.31)	(1.02)	(0.11)	(0.00)	(0.05)	(0.07)	(0.18)	(0.29)		(2.47)						1.71
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Pensions	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Contractors	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Materials	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Other	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Part Funded Connections (RAV related)	-	-	-	-	-	-	-	-	-		-						-
Memo: Statutory Non Op Depreciation																	
DNO Own	-	-	-	-	-	-	-	-	1.01		1.01	-				-	1.01
Related Part Totals	-	-	-	-	-	-	-	-	**1.11**		**1.11**	-				-	1.11
Networks Ltd	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-	-	-	-	-	-	-	1.11		1.11	-				-	1.11
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																	-
Memo: LCN Direct Benefits																	-
Costs after allocation of memo items	2.66	3.20	15.63	0.99	4.59	1.81	1.37	3.82	7.57		41.63	1.33				-	188.70
Comparison to FBPQ/Allowance	**Some Columns will be linked to memo**																
Net costs after allocation for RAV	3.1	3.5	16.6	1.1	4.6	1.9	1.4	4.0	5.7		42.0	1.3				0.0	184.9
Less Pension Direct	-0.5	-0.4	-1.8	-0.1	-0.6	-0.1	-0.1	-0.4	-0.1		-4.2	-0.3				0.0	-8.8
Less Pension Allocated to excluded services	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0		0.8	0.0				0.0	0.8
Net costs after allocation for RAV excluding pensions	2.7	3.2	15.3	1.0	4.0	1.8	1.4	3.7	5.7		38.645	1.081				0.000	176.9
	Some Columns will be linked to memo																
Employer DB pension scheme ongoing contributions	0.48	0.39	1.60	0.09	0.57	0.10	0.08	0.35	0.07		3.73	-				-	7.64
Employer DC pension scheme ongoing contributions	0.01	0.01	0.03	0.00	0.01	0.00	0.01	0.01	0.00		0.07	-				-	0.15
Pension scheme administration costs	0.04	0.03	0.12	0.01	0.04	0.01	0.01	0.03	0.00		0.28	-				-	0.58
PPF Levies	0.01	0.01	0.04	0.00	0.01	0.00	0.00	0.01	0.00		0.10	-				-	0.20
Employer DB pension scheme contributions to pension sti	-	-	-	-	-	-	-	-	-		-	0.25				-	0.25
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-		-	-				-	-
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-		-	-				-	-
Total pension costs reported, excluding established deficit rec	0.54	0.43	1.80	0.10	0.64	0.11	0.09	0.39	0.07		4.18	0.25				-	8.82
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK				OK	OK

Business Support / Non Op Capex / Atypicals / Stand Alone Funding (not RAV) / Costs Within Price Control; Non Price Control; Costs outside Price Control; NABC; Total DNO (£'m)

Cost Type	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	**Total Business Support Costs**	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	**Total Costs within Price Control**	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Connection projects; DG (Excl services)	**Connections (Non Price Control)**	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	**Total Costs outside Price Control**	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	**Total Non Activity Based costs**	**Total DNO**	
	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	£'m	£'m	**£'m**	£'m	£'m	£'m	**£'m**	**£'m**	
Labour Total	0.14	0.79	2.80	1.40	1.30	0.28	6.71	0.03	0.39	0.19	**68.52**	2.70	0.08	0.12	2.90	0.89	-	**3.80**	-	-		-	**72.31**	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Related Part Totals	0.14	0.79	2.80	1.40	1.30	0.28	6.71	0.03	0.39	0.19	**68.52**	2.70	0.08	0.12	2.90	0.89	-	**3.80**	-	-		-	**72.31**	
Networks Ltd	0.13	0.77	2.80	1.40	1.27	0.27	6.64	0.03	0.39	0.19	**67.69**	2.70	0.08	0.12	2.90	0.89	-	**3.80**	-	-		-	**71.48**	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	0.01	0.03	-	-	0.03	0.01	0.08	-	-	-	**0.83**	-	-	-	-	-	-	-	-	-		-	**0.83**	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Pensions	0.03	0.07	0.33	0.10	0.13	0.03	0.69	(0.00)	0.01	0.02	**9.54**	0.33	0.01	0.02	0.37	0.12	-	**0.49**	-	-		-	**10.03**	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Related Part Totals	0.03	0.07	0.33	0.10	0.13	0.03	0.69	(0.00)	0.01	0.02	**9.54**	0.33	0.01	0.02	0.37	0.12	-	**0.49**	-	-		-	**10.03**	
Networks Ltd	0.03	0.07	0.33	0.10	0.13	0.03	0.69	(0.00)	0.01	0.02	**9.46**	0.33	0.01	0.02	0.37	0.12	-	**0.49**	-	-		-	**9.95**	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	-	-	-	-	-	-	-	-	-	-	**0.07**	-	-	-	-	-	-	-	-	-		-	**0.07**	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contractors	0.14	1.00	1.15	0.23	7.18	2.26	11.97	10.59	0.72	0.93	**120.10**	8.60	1.25	0.30	10.15	7.16	0.05	**17.36**					**137.47**	
Materials	0.01	0.07	0.04	0.24	0.02	0.10	0.47	7.87	(0.00)	0.11	**38.25**	4.74	0.11	0.13	4.98	2.35	-	**7.33**					**45.58**	
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	**5.11**	0.17	-	0.01	0.18	0.03	-	**0.21**					**5.31**	
Road Charges	-	-	-	-	-	-	-	-	-	-	**0.37**	0.17	0.01	0.00	0.18	0.02	-	**0.20**					**0.57**	
Rent	-	-	2.21	-	-	2.61	4.82	-	-	-	**4.97**	-	-	-	-	-	-	-					**4.97**	
Subscriptions	0.00	0.03	0.29	0.03	0.00	-	0.35	-	-	-	**1.96**	-	-	-	-	-	-	-	26.50	20.58		47.08	**49.03**	
Related Party Margins	-	-	0.01	-	0.11	-	0.12	-	-	-	**0.33**	0.00	-	-	0.00	0.00	-	**0.01**					**0.33**	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	Disallowed
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
EFS	-	-	0.01	-	-	-	0.01	-	-	-	**0.01**	0.00	-	-	0.00	0.00	-	**0.01**	-	-			**0.02**	Disallowed
Transport	-	-	-	-	-	-	-	-	-	-	**0.20**	-	-	-	-	-	-	-	-	-			**0.20**	Disallowed
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
IT	-	-	-	-	0.11	-	0.11	-	-	-	**0.11**	-	-	-	-	-	-	-	-	-			**0.11**	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total Gross Costs	**0.31**	**1.96**	**6.83**	**2.00**	**8.75**	**5.28**	**25.13**	**18.49**	**1.11**	**1.25**	**249.14**	**16.70**	**1.47**	**0.58**	**18.76**	**10.58**	**0.05**	**29.39**	**26.50**	**20.58**		**47.08**	**325.61**	
Customer Contributions	-	-	-	-	-	-	-	-	-	-	**(5.69)**	(22.81)	(2.17)	(0.87)	(25.85)	(3.93)	-	**(29.77)**					**(35.46)**	
Cost Recoveries	-	-	(0.17)	-	-	-	(0.17)	-	-	-	**(3.67)**	-	-	-	-	-	-	-					**(3.67)**	
Total Net Costs Before Allocations	**0.31**	**1.96**	**6.66**	**2.00**	**8.75**	**5.28**	**24.97**	**18.49**	**1.11**	**1.25**	**239.78**	**(6.10)**	**(0.70)**	**(0.28)**	(7.09)	**6.65**	**0.05**	**(0.38)**	**26.50**	**20.58**		**47.08**	**286.48**	
Total Costs by Source:																								
DNO Own	-	-	0.32	-	-	0.07	0.39	-	-	-	**3.80**	-	-	-	-	-	-	-	26.50	20.58		**47.08**	**50.88**	
Related Party Totals	**0.31**	**1.96**	**6.34**	**2.00**	**8.75**	**5.21**	**24.57**	**18.49**	**1.11**	**1.25**	**235.98**	**(6.10)**	**(0.70)**	**(0.28)**	(7.09)	**6.65**	**0.05**	**(0.38)**	-	-		-	**235.60**	
Networks Ltd	0.30	1.94	6.09	2.00	7.85	5.20	23.37	13.20	1.11	1.25	**223.84**	(6.36)	(0.70)	(0.28)	(7.34)	6.20	0.05	**(1.10)**	-	-		-	**222.75**	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	0.25	-	-	-	0.25	-	-	-	**0.40**	0.26	-	-	0.26	0.46	-	**0.71**	-	-		-	**1.12**	
Transport	0.01	0.03	-	-	0.03	0.01	0.08	5.29	-	-	**10.86**	-	-	-	-	-	-	-	-	-		-	**10.86**	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	0.87	-	0.87	-	-	-	**0.87**	-	-	-	-	-	-	-	-	-		-	**0.87**	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total Net Costs Before Allocations	0.31	1.96	6.66	2.00	8.75	5.28	24.97	18.49	1.11	1.25	**239.78**	(6.10)	(0.70)	(0.28)	(7.09)	6.65	0.05	**(0.38)**	26.50	20.58		47.08	**286.48**	
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Allocation of Income relating to non-op capex and Business	(0.00)	(0.02)	(0.07)	(0.03)	(0.11)	(0.06)	(0.29)	(0.18)	-	-	**0.00**	-	-	-	-	-	-	-	-	-			**0.00**	
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	
Allocation of Indirects - Labour	(0.00)	(0.12)	(0.43)	(0.19)	(0.17)	(0.04)	(0.96)	(0.00)			**(5.97)**	5.31	0.44	0.22	5.97			**5.97**					**0.00**	OK
Allocation of Indirects - Pensions	(0.00)	(0.01)	(0.05)	(0.01)	(0.02)	(0.00)	(0.10)	0.00			**(0.79)**	0.70	0.06	0.03	0.79			**0.79**					**(0.00)**	OK
Allocation of Indirects - Contractors	(0.00)	(0.14)	(0.11)	(0.07)	(1.06)	(0.29)	(1.67)	(1.27)			**(4.50)**	4.00	0.33	0.17	4.50			**4.50**					**(0.00)**	OK
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.01)	(0.05)	(0.00)	(0.02)	(0.08)	(0.78)			**(1.38)**	1.23	0.10	0.05	1.38			**1.38**					-	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.14)	(0.00)	(0.00)	(0.37)	(0.52)	-			**(0.55)**	0.49	0.04	0.02	0.55			**0.55**					-	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.02)	-	(0.02)				**(0.02)**	0.01	0.00	0.00	0.02			**0.02**					-	OK
Indirect Activity Allocations to Connections outside of RAV	(0.00)	(0.28)	(0.74)	(0.32)	(1.27)	(0.73)	(3.34)	(2.06)			**(13.21)**	11.75	0.97	0.50	13.21			**13.21**					**(0.00)**	OK
Allocation of Indirects - Labour	(0.00)	(0.03)	(0.11)	(0.05)	(0.04)	(0.02)	(0.24)	(0.00)		-	**(1.37)**				-	1.37	-	**1.37**	-	-		-	**0.00**	OK
Allocation of Indirects - Pensions	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.02)	0.00		-	**(0.17)**				-	0.17	-	**0.17**	-	-		-	**(0.00)**	OK
Allocation of Indirects - Contractors	-	(0.03)	(0.03)	(0.02)	(0.22)	(0.11)	(0.42)	(0.25)		-	**(1.03)**				-	1.03	-	**1.03**	-	-		-	-	OK
Allocation of Indirects - Materials	-	(0.00)	(0.00)	(0.01)	(0.00)	(0.01)	(0.02)	(0.16)		-	**(0.28)**				-	0.28	-	**0.28**	-	-		-	-	OK
Allocation of Indirects - Other	-	(0.00)	(0.01)	(0.00)	(0.00)	(0.14)	(0.15)	-		-	**(0.16)**				-	0.16	-	**0.16**	-	-		-	-	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.00)	-	(0.00)			-	**(0.00)**				-	0.00	-	**0.00**	-	-		-	-	OK
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.00)	(0.07)	(0.16)	(0.08)	(0.27)	(0.28)	(0.86)	(0.41)		-	**(3.02)**				-	3.02	-	**3.02**	-	-		-	**0.00**	OK
Total Net Costs after allocation for RAV	0.31	1.59	5.69	1.57	7.10	4.20	20.47	15.84	1.11	1.25	**223.55**	5.64	0.27	0.22	6.13	9.67	0.05	**15.85**	26.50	20.58		47.08	**286.48**	
Check: Total allocated to worksheets											-													
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	(0.00)	(0.04)	(0.14)	(0.06)	(0.05)	(0.01)	(0.30)	(0.00)			**0.00**												**0.00**	OK
Allocation of Indirects - Pensions	(0.00)	(0.00)	(0.02)	(0.00)	(0.01)	(0.00)	(0.03)	0.00			**0.00**												**0.00**	OK
Allocation of Indirects - Contractors	(0.00)	(0.04)	(0.04)	(0.02)	(0.34)	(0.09)	(0.53)	(0.40)			**0.00**												**0.00**	OK
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.00)	(0.02)	(0.00)	(0.01)	(0.03)	(0.25)			**0.00**												**0.00**	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.04)	(0.00)	(0.00)	(0.12)	(0.16)	-			**0.00**												**0.00**	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.01)	-	(0.01)				**0.00**												**0.00**	OK
Indirect Activity Allocations to Connections (RAV related)"	(0.00)	(0.09)	(0.23)	(0.10)	(0.40)	(0.23)	(1.06)	(0.65)			**0.00**												**0.00**	OK
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Pensions	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Contractors	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Materials	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Other	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-			-												-	OK
Indirect Activity Allocations to Part Funded Connections (RAV related)	-	-	-	-	-	-	-	-			-												-	OK
Memo: Statutory Non Op Depreciation																								
DNO Own	-	-	-	-	2.75	0.48	3.23	0.88	-	-	**5.12**	-	-	-	-	-	-	-	-	-		-	**5.12**	
Related Part Totals	-	-	-	-	-	-	-	-	-	-	**1.11**	-	-	-	-	-	-	-	-	-		-	**1.11**	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	-	-	-	-	-	-	-	-	-	-	**1.11**	-	-	-	-	-	-	-	-	-		-	**1.11**	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Memo: Statutory Allocation (of Total Net costs after allocation)																							-	
Memo: LCN Direct Benefits																						-	-	
Costs after allocation of memo items	0.31	1.50	5.46	1.47	9.45	4.46	22.64	16.08	1.11	1.25	229.78	5.64	0.27	0.22	6.13	9.67	0.05	15.85	26.50	20.58		47.08	292.70	
Comparison to FBPQ/Allowance																								
Net costs after allocation for RAV	0.3	1.6	5.7	1.6	7.1	4.2	20.5	15.8	1.1	1.2	223.6	5.6	0.3	0.2	6.1	9.7	0.1	15.8	26.5	20.6		47.1	286.5	
Less Pension Direct	0.0	-0.1	-0.3	-0.1	-0.1	0.0	-0.7	0.0	0.0	0.0	-9.5	-0.3	0.0	0.0	-0.4	-0.1	0.0	-0.5	0.0	0.0		0.0	-10.0	
Less Pension Allocated to excluded services	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.0	-0.7	-0.1	0.0	-0.8	-0.2	0.0	-1.0	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions	0.3	1.5	5.4	1.5	7.0	4.2	19.9	15.8	1.1	1.2	215.0	4.6	0.2	0.2	5.0	9.4	0.1	14.4	26.5	20.6		47.1	276.5	
Employer DB pension scheme ongoing contributions	0.02	0.07	0.29	0.09	0.12	0.02	0.62	(0.00)	0.01	0.02	**8.28**	0.30	0.01	0.02	0.33	0.11	-	**0.44**	-	-		-	**8.72**	
Employer DC pension scheme ongoing contributions	0.00	0.00	0.01	0.00	0.00	0.00	0.01	(0.00)	0.00	0.00	**0.16**	0.01	0.00	0.00	0.01	0.00	-	**0.01**	-	-		-	**0.17**	
Pension scheme administration costs	0.00	0.00	0.02	0.01	0.01	0.00	0.05	(0.00)	0.00	0.00	**0.63**	0.02	0.00	0.00	0.02	0.01	-	**0.03**	-	-		-	**0.66**	
PPF Levies	0.00	0.00	0.01	0.00	0.00	0.00	0.02	(0.00)	0.00	0.00	**0.22**	0.01	0.00	0.00	0.01	0.00	-	**0.01**	-	-		-	**0.23**	
Employer DB pension scheme contributions to pension sti	-	-	-	-	-	-	-	-	-	-	**0.25**	-	-	-	-	-	-	-	-	-		-	**0.25**	
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total pension costs reported, excluding established deficit rec	0.03	0.07	0.33	0.10	0.14	0.03	0.69	(0.00)	0.01	0.02	**9.54**	0.33	0.01	0.02	0.37	0.12	-	**0.49**	-	-		-	**10.03**	
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	OK	

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2014

	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Exclusing Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Blank (inserted for consistency with ED1)	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	Total Core Costs
	Network Investment Costs (RAV)																	
	Connections			Core Costs														
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																		
Labour Total	0.20	0.22	0.13	0.14		0.69		0.34	5.90	0.56	0.64	0.37	0.50	0.16		0.32		9.62
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	0.20	0.22	0.13	0.14		0.69		0.34	5.90	0.56	0.64	0.37	0.50	0.16		0.32		9.62
Networks Ltd	0.20	0.22	0.13	0.14		0.69		0.34	5.90	0.56	0.64	0.37	0.50	0.16		0.32		9.62
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Pensions	0.03	0.03	0.02	0.02		0.12		0.06	1.02	0.10	0.11	0.06	0.09	0.03		0.06		1.66
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	0.03	0.03	0.02	0.02		0.12		0.06	1.02	0.10	0.11	0.06	0.09	0.03		0.06		1.66
Networks Ltd	0.03	0.03	0.02	0.02		0.12		0.06	1.02	0.10	0.11	0.06	0.09	0.03		0.06		1.66
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Contractors	0.82	1.50	0.43	1.51		10.06		6.33	13.57	4.24	2.66	3.25	3.37	0.14		5.53		50.67
Materials	0.36	0.82	0.66	0.46		3.28		1.99	5.94	0.74	0.94	0.99	0.61	1.38		1.74		18.08
Wayleaves (inc Easements/Servitudes)	0.01	0.04	0.01	1.50		0.24		0.01	0.11	0.05	0.00	-	0.08	0.00		0.03		2.02
Road Charges	0.01	0.00	0.00	0.00		0.02		0.00	0.02	0.00	0.00	-	0.00	0.00		0.00		0.05
Rent	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Subscriptions	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Party Margins	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total Gross Costs	1.43	2.61	1.26	3.64		14.41		8.73	26.57	5.68	4.36	4.68	4.66	1.71		7.68		82.11
Customer Contributions	(2.07)	-	(1.87)	-		-		-	-	-	-	-	-	-		-		-
Cost Recoveries	-	-	-	(0.19)		-		-	-	-	-	-	-	-		-		(0.19)
Total Net Costs Before Allocations	(0.64)	2.61	(0.61)	3.45		14.41		8.73	26.57	5.68	4.36	4.68	4.66	1.71		7.68		81.92
Total Costs by Source:																		
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Party Totals	(0.64)	2.61	(0.61)	3.45		14.41		8.73	26.57	5.68	4.36	4.68	4.66	1.71		7.68		81.92
Networks Ltd	(0.64)	2.61	(0.61)	3.45		14.41		8.73	26.57	5.68	4.36	4.68	4.66	1.71		7.68		81.92
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total Net Costs Before Allocations	(0.64)	2.61	(0.61)	3.45		14.41		8.73	26.57	5.68	4.36	4.68	4.66	1.71		7.68		81.92
Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Allocation of Income relating to non-op capex and Business	0.42	-	0.34	-		-		-	-	-	-	-	-	-		-		-
Allocation of Income relating to closely associated indirects	0.41	-	0.31	-		-		-	-	-	-	-	-	-		-		-
Allocation of Indirects - Labour																		
Allocation of Indirects - Pensions																		
Allocation of Indirects - Contractors																		
Allocation of Indirects - Materials																		
Allocation of Indirects - Other																		
Allocation of Indirects - Related Party Margins																		
Indirect Activity Allocations to Connections outside of RAV																		
Allocation of Indirects - Labour																		
Allocation of Indirects - Pensions																		
Allocation of Indirects - Contractors																		
Allocation of Indirects - Materials																		
Allocation of Indirects - Other																		
Allocation of Indirects - Related Party Margins																		
Indirect Activity Allocations to Non Distribution (exc Connections)																		
Total Net Costs after allocation for RAV	0.19	2.61	0.04	3.45		14.41		8.73	26.57	5.68	4.36	4.68	4.66	1.71		7.68		81.92
Check: Total allocated to worksheets																		
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour	0.19	0.59	0.29															
Allocation of Indirects - Pensions	0.02	0.08	0.04															
Allocation of Indirects - Contractors	0.41	0.44	0.22															
Allocation of Indirects - Materials	0.17	0.14	0.07															
Allocation of Indirects - Other	0.04	0.05	0.03															
Allocation of Indirects - Related Party Margins	0.00	0.00	0.00															
Indirect Activity Allocations to Connections (RAV related)"	0.83	1.30	0.65															
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour		-	-															
Allocation of Indirects - Pensions		-	-															
Allocation of Indirects - Contractors		-	-															
Allocation of Indirects - Materials		-	-															
Allocation of Indirects - Other		-	-															
Allocation of Indirects - Related Party Margins		-	-															
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-															
Memo: Statutory Non Op Depreciation																		
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Related Part Totals	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-
IT	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Memo: Statutory Allocation (of Total Net costs after allocation)																		
Memo: LCN Direct Benefits																		
Costs after allocation of memo items	1.03	3.92	0.69	3.45		14.41		8.73	26.57	5.68	4.36	4.68	4.66	1.71		7.68		81.92
Comparison to FBPQ/Allowance																		
Net costs after allocation for RAV	0.2	2.6	0.0	3.4		14.4		8.7	26.6	5.7	4.4	4.7	4.7	1.7		7.7		81.9
Less Pension Direct	0.0	0.0	0.0	0.0		-0.1		-0.1	-1.0	-0.1	-0.1	-0.1	-0.1	0.0		-0.1		-1.7
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0
Net costs after allocation for RAV excluding pensions	0.2	2.6	0.0	3.4		14.3		8.7	25.6	5.6	4.2	4.6	4.6	1.7		7.6		80.3
Employer DB pension scheme ongoing contributions	0.02	0.03	0.02	0.02		0.09		0.05	0.84	0.08	0.08	0.05	0.07	0.02		0.03		1.32
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	0.00		0.01		0.00	0.08	0.01	0.01	0.01	0.01	0.00		0.01		0.15
Pension scheme administration costs	0.00	0.00	0.00	0.00		0.01		0.00	0.08	0.01	0.01	0.01	0.01	0.00		0.01		0.15
PPF Levies	0.00	0.00	0.00	0.00		0.00		0.00	0.02	0.00	0.00	0.00	0.00	0.00		0.00		0.04
Employer DB pension scheme contributions to pension sti	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Incremental deficit recovery payments	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Other pension costs included in the amount reported	-	-	-	-		-		-	-	-	-	-	-	-		-		-
Total pension costs reported, excluding established deficit rec	0.03	0.03	0.02	0.02		0.12		0.06	1.02	0.10	0.11	0.06	0.09	0.03		0.06		1.66
Check to Pension (row 29)	OK	OK	OK	OK		OK		OK	OK	OK	OK	OK	OK	OK		OK		OK

	Flooding	BT21CN	Technical losses and oth	High impact Low Probab	Critical National Infrastru	Black Start	Rising Mains and Lateral	Undergrounding Within/ Outside designated areas	Worst Served Customers	Total Network Investment Costs	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	Network Operating Costs
	Network Investment Costs (RAV)										Network Operating Costs (RAV)						
	Non core							Stand Alone Funding (RAV)			Network Operating Costs						
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																	
Labour Total	0.01	0.01	0.01	-	-	0.02	0.60	-	0.08	10.90	11.78	2.84	1.56	4.66	0.08	-	20.91
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.01	0.01	0.01	-	-	0.02	0.60	-	0.08	10.90	11.78	2.84	1.56	4.66	0.08	-	20.91
Networks Ltd	0.01	0.01	0.01	-	-	0.02	0.60	-	0.08	10.90	11.78	2.84	1.56	4.66	0.08	-	20.91
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions	0.00	0.00	0.00	-	-	0.00	0.10	-	0.01	1.86	1.56	0.43	0.17	0.80	0.01	-	2.97
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.00	0.00	0.00	-	-	0.00	0.10	-	0.01	1.86	1.56	0.43	0.17	0.80	0.01	-	2.97
Networks Ltd	0.00	0.00	0.00	-	-	0.00	0.10	-	0.01	1.86	1.56	0.43	0.17	0.80	0.01	-	2.97
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors	0.32	0.10	0.47	-	-	0.58	0.56	1.15	0.07	56.68	17.04	2.79	2.60	4.15	6.22	1.06	33.85
Materials	0.00	0.01	0.01	-	-	0.00	0.07	0.32	0.67	21.02	3.70	0.13	0.42	1.53	0.01	-	5.78
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	0.00	0.00	2.08	0.01	0.00	-	0.00	-	-	0.01
Road Charges	-	-	-	-	-	-	0.00	-	0.00	0.07	0.17	0.10	-	0.02	0.00	-	0.28
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	1.10
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	-	0.00
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	-	0.00
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	92.61	34.25	6.28	4.75	11.16	6.31	2.16	64.91
Customer Contributions										(3.94)	-	-	-	-	-	-	-
Cost Recoveries	-	-	-	-	-	-	-	-	-	(0.19)	(3.31)	-	-	-	-	-	(3.31)
Total Net Costs Before Allocations	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	88.49	30.94	6.28	4.75	11.16	6.31	2.16	61.60
Total Costs by Source:																	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	1.10
Related Party Totals	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	88.49	30.94	6.28	4.75	11.16	6.31	1.06	60.50
Networks Ltd	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	88.49	30.94	6.28	4.75	11.16	6.31	1.06	60.50
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	88.49	30.94	6.28	4.75	11.16	6.31	2.16	61.60
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allocation of Income relating to non-op capex and Business	-	-	-	-	-	-	-	-	-	0.76	-	-	-	-	-	-	-
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-	-	0.72	-	-	-	-	-	-	-
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Connections outside of RAV																	
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Non Distribution (exc Connections)																	
Total Net Costs after allocation for RAV	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	89.97	30.94	6.28	4.75	11.16	6.31	2.16	61.60
Check: Total allocated to worksheets																	
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour										1.07							
Allocation of Indirects - Pensions										0.14							
Allocation of Indirects - Contractors										1.08							
Allocation of Indirects - Materials										0.37							
Allocation of Indirects - Other										0.12							
Allocation of Indirects - Related Party Margins										0.00							
Indirect Activity Allocations to Connections (RAV related)"										2.79							
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour																	
Allocation of Indirects - Pensions																	
Allocation of Indirects - Contractors																	
Allocation of Indirects - Materials																	
Allocation of Indirects - Other																	
Allocation of Indirects - Related Party Margins																	
Indirect Activity Allocations to Part Funded Connections (RAV related)																	
Memo: Statutory Non Op Depreciation																	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																	
Memo: LCN Direct Benefits																	
Costs after allocation of memo items	0.34	0.11	0.49	-	-	0.61	1.34	1.48	0.83	92.76	30.94	6.28	4.75	11.16	6.31	2.16	61.60
Comparison to FBPQ/Allowance																	
Net costs after allocation for RAV	0.3	0.1	0.5	0.0	0.0	0.6	1.3	1.5	0.8	90.0	30.9	6.3	4.8	11.2	6.3	2.2	61.6
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-1.9	-1.6	-0.4	-0.2	-0.8	0.0	0.0	-3.0
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	0.3	0.1	0.5	0.0	0.0	0.6	1.2	1.5	0.8	88.1	29.4	5.9	4.6	10.4	6.3	2.2	58.6
Employer DB pension scheme ongoing contributions	0.00	0.00	0.00	-	-	0.00	0.09	-	0.01	1.49	1.26	0.32	0.17	0.63	0.01	-	2.40
Employer DC pension scheme ongoing contributions	-	0.00	0.00	-	-	0.00	0.01	-	0.00	0.17	0.12	0.05	-	0.08	0.00	-	0.24
Pension scheme administration costs	-	0.00	0.00	-	-	0.00	0.01	-	0.00	0.16	0.11	0.04	-	0.08	0.00	-	0.24
PPF Levies	-	0.00	0.00	-	-	0.00	0.00	-	0.00	0.04	0.06	0.01	-	0.02	0.00	-	0.10
Employer DB pension scheme contributions to pension sti	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total pension costs reported, excluding established deficit rec	0.00	0.00	0.00	-	-	0.00	0.10	-	0.01	1.86	1.56	0.43	0.17	0.80	0.01	-	2.97
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	Closely Associated Indirects	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs
	Closely associated Indirects (RAV)											Atypicals Non Sev Weather (RAV)	Smart Meters				
	Closely associated Indirects											Atypicals Non Sev Weather	Smart Meters				
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m		£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																	
Labour Total	4.60	3.84	16.62	0.57	3.95	1.58	0.62	3.89	0.45		36.12	0.32				0.11	68.37
DNO Own	-	-	-	-	-	-	-	-	-		-	-				-	-
Related Part Totals	4.60	3.84	16.62	0.57	3.95	1.58	0.62	3.89	0.45		36.12	0.32				0.11	68.37
Networks Ltd	4.47	3.72	16.13	0.57	3.95	1.58	0.62	3.89	-		34.93	0.32				0.11	67.18
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	0.14	0.11	0.49	-	-	-	-	-	0.45		1.19	-				-	1.19
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Pensions	0.57	0.37	1.61	0.10	0.56	0.12	0.09	0.41	0.07		3.91	-				0.02	8.76
DNO Own	-	-	-	-	-	-	-	-	-		-	-				-	-
Related Part Totals	0.57	0.37	1.61	0.10	0.56	0.12	0.09	0.41	0.07		3.91	-				0.02	8.76
Networks Ltd	0.57	0.37	1.61	0.10	0.56	0.12	0.09	0.41	-		3.84	-				0.02	8.69
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-	-	-	-	-	-	-	0.07		0.07	-				-	0.07
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Contractors	0.59	1.11	3.63	0.57	0.00	0.83	0.71	0.55	3.09		11.08	-				-	101.62
Materials	0.02	0.07	0.41	0.01	0.00	0.06	0.25	0.20	4.02		5.04	-				0.00	31.85
Wayleaves (inc Easements/Servitudes)	-	-	1.99	-	-	-	-	-	-		1.99	-				-	4.08
Road Charges	-	-	-	-	-	-	-	-	-		-	-				0.00	0.35
Rent	-	-	-	-	-	-	-	0.17	-		0.17	-				-	0.17
Subscriptions	0.00	0.00	0.04	0.35	-	0.01	0.07	-	-		0.48	-				-	1.57
Related Party Margins	-	-	-	-	-	-	-	-	0.25		0.25	-				-	0.25
Networks Ltd	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	0.00
Transport	-	-	-	-	-	-	-	-	0.25		0.25	-				-	0.25
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Check	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Gross Costs	5.79	5.39	24.30	1.61	4.51	2.59	1.74	5.22	7.89		59.04	0.32				0.13	217.02
Customer Contributions	-	-	-	-	-	-	-	-	-		-	-				-	(3.94)
Cost Recoveries	-	-	-	-	-	-	-	-	-		-	-				-	(3.50)
Total Net Costs Before Allocations	5.79	5.39	24.30	1.61	4.51	2.59	1.74	5.22	7.89		59.04	0.32				0.13	209.58
Total Costs by Source:																	
DNO Own	-	-	1.99	0.35	-	-	0.10	-	-		2.45	-				-	3.54
Related Party Totals	5.79	5.39	22.31	1.26	4.51	2.59	1.64	5.22	7.89		56.60	0.32				0.13	206.04
Networks Ltd	5.65	5.28	21.82	1.26	4.51	2.59	1.64	5.22	1.81		49.78	0.32				0.13	199.22
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	0.14	0.11	0.49	-	-	-	-	-	6.08		6.82	-				-	6.82
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Net Costs Before Allocations	5.79	5.39	24.30	1.61	4.51	2.59	1.74	5.22	7.89		59.04	0.32				0.13	209.58
Check	-	-	-	-	-	-	-	-	-		-	-				-	(0.00)
Allocation of Income relating to non-op capex and Business																	0.76
Allocation of Income relating to closely associated indirects	(0.13)	(0.09)	(0.30)	(0.03)	(0.00)	(0.02)	(0.02)	(0.05)	(0.08)		(0.72)	-				-	-
Allocation of Indirects - Labour	(0.96)	(0.41)	(1.95)	(0.12)	(0.00)	(0.09)	(0.07)	(0.32)	-		(3.92)						(3.92)
Allocation of Indirects - Pensions	(0.12)	(0.07)	(0.27)	(0.02)	(0.01)	(0.01)	(0.01)	(0.04)	-		(0.54)						(0.54)
Allocation of Indirects - Contractors	(0.00)	(0.28)	(0.25)	(0.13)	-	(0.03)	(0.08)	(0.05)	(0.41)		(1.22)						(1.22)
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.04)	(0.00)	-	(0.00)	(0.03)	(0.02)	(0.31)		(0.40)						(0.40)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.01)	-	-	(0.00)	-	(0.02)	-		(0.03)						(0.03)
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	0.00		0.00						0.00
Indirect Activity Allocations to Connections outside of RAV	(1.08)	(0.77)	(2.51)	(0.27)	(0.01)	(0.14)	(0.18)	(0.44)	(0.72)		(6.11)						(6.11)
Allocation of Indirects - Labour	(0.33)	(0.14)	(0.68)	(0.04)	(0.00)	(0.03)	(0.02)	(0.11)	-		(1.36)						(1.36)
Allocation of Indirects - Pensions	(0.04)	(0.02)	(0.09)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	-		(0.19)						(0.19)
Allocation of Indirects - Contractors	(0.00)	(0.10)	(0.09)	(0.04)	-	(0.01)	(0.03)	(0.02)	(0.14)		(0.42)						(0.42)
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.01)	(0.01)	(0.11)		(0.14)						(0.14)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.01)	-		(0.01)						(0.01)
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.38)	(0.27)	(0.88)	(0.09)	(0.00)	(0.05)	(0.06)	(0.15)	(0.25)		(2.13)						(2.13)
Total Net Costs after allocation for RAV	4.20	4.27	20.62	1.22	4.50	2.39	1.48	4.58	6.83		50.09	0.32				0.13	202.11
Check: Total allocated to worksheets																	
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour	(0.21)	(0.09)	(0.42)	(0.03)	(0.00)	(0.02)	(0.02)	(0.07)	-		(0.85)						0.22
Allocation of Indirects - Pensions	(0.03)	(0.01)	(0.06)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-		(0.12)						0.02
Allocation of Indirects - Contractors	(0.00)	(0.06)	(0.05)	(0.03)	-	(0.01)	(0.02)	(0.01)	(0.09)		(0.26)						0.82
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.01)	(0.00)	(0.07)		(0.09)						0.29
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-		(0.01)						0.12
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-		-						0.00
Indirect Activity Allocations to Connections (RAV related)"	(0.23)	(0.17)	(0.54)	(0.06)	(0.00)	(0.03)	(0.04)	(0.09)	(0.16)		(1.32)						1.46
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																	
Allocation of Indirects - Labour	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Pensions	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Contractors	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Materials	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Other	-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Part Funded Connections (RAV related)	-	-	-	-	-	-	-	-	-		-						-
Memo: Statutory Non Op Depreciation																	
DNO Own	-	-	-	-	-	-	-	-	1.33		1.33	-				-	1.33
Related Part Totals	-	-	-	-	-	-	-	-	1.45		1.45	-				-	1.45
Networks Ltd	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-	-	-	-	-	-	-	1.45		1.45	-				-	1.45
Corporate	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-	-	-	-	-	-	-	-		-	-				-	-
IT	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-	-	-	-	-	-	-	-		-	-				-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																	-
Memo: LCN Direct Benefits																	-
Costs after allocation of memo items	3.97	4.10	20.07	1.16	4.50	2.37	1.44	4.48	9.45		51.53	0.32				0.13	206.34
Comparison to FBPQ/Allowance	Some Columns will be linked to memo																
Net costs after allocation for RAV	4.2	4.3	20.6	1.2	4.5	2.4	1.5	4.6	6.8		50.1	0.3				0.1	202.1
Less Pension Direct	-0.6	-0.4	-1.6	-0.1	-0.6	-0.1	-0.1	-0.4	-0.1		-3.9	0.0				0.0	-8.8
Less Pension Allocated to excluded services	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0		0.7	0.0				0.0	0.7
Net costs after allocation for RAV excluding pensions	3.8	4.0	19.4	1.1	4.0	2.3	1.4	4.2	6.8		46.9	0.3				0.1	194.1
	Some Columns will be linked to memo																
Employer DB pension scheme ongoing contributions	0.46	0.29	1.25	0.08	0.47	0.09	0.07	0.34	0.06		3.12	-				0.01	7.01
Employer DC pension scheme ongoing contributions	0.05	0.04	0.17	0.01	0.04	0.01	0.01	0.03	0.01		0.36	-				0.00	0.78
Pension scheme administration costs	0.05	0.04	0.16	0.01	0.04	0.01	0.01	0.03	0.01		0.35	-				0.00	0.75
PPF Levies	0.01	0.01	0.04	0.00	0.01	0.00	0.00	0.01	0.00		0.09	-				0.00	0.23
Employer DB pension scheme contributions to pension sti	-	-	-	-	-	-	-	-	-		-	-				-	-
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-		-	-				-	-
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-		-	-				-	-
Total pension costs reported, excluding established deficit rec	0.57	0.37	1.61	0.10	0.56	0.12	0.09	0.41	0.07		3.91	-				0.02	8.76
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK				OK	OK

	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Connection projects; DG (Excl services)	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO	
											Costs Within Price Control	Non Price Control						Costs outside Price Control	NABC				Total DNO	
	Business Support							Non Op Capex	Atypicals Non Sev Weather	Stand Alone Funding (not RAV)	Costs Within Price Control	Connections outside of RAV				Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC				Total DNO	
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	
Cost Type																								
Labour Total	0.14	0.79	2.66	1.40	1.30	0.29	6.59	-	2.01	0.28	77.25	2.73	0.21	0.17	3.11	0.66	-	3.78	-	-		-	81.03	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Related Part Totals	0.14	0.79	2.66	1.40	1.30	0.29	6.59	-	2.01	0.28	77.25	2.73	0.21	0.17	3.11	0.66	-	3.78	-	-		-	81.03	
Networks Ltd	0.12	0.79	2.66	1.40	1.30	0.29	6.57	-	2.01	0.28	76.04	2.73	0.21	0.17	3.11	0.66	-	3.78	-	-		-	79.82	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	0.02	-	-	-	-	-	0.02	-	-	-	1.21	-	-	-	-	-	-	-	-	-		-	1.21	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Pensions	0.00	0.07	0.35	0.10	0.16	0.04	0.71	-	0.31	-	9.78	0.34	0.03	0.03	0.40	0.07	-	0.47	-	-		-	10.25	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Related Part Totals	0.00	0.07	0.35	0.10	0.16	0.04	0.71	-	0.31	-	9.78	0.34	0.03	0.03	0.40	0.07	-	0.47	-	-		-	10.25	
Networks Ltd	0.00	0.07	0.35	0.10	0.16	0.04	0.71	-	0.31	-	9.71	0.34	0.03	0.03	0.40	0.07	-	0.47	-	-		-	10.18	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	-	-	-	-	-	-	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-		-	0.07	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contractors	0.12	1.00	1.37	0.53	7.47	2.21	12.70	11.96	-	0.91	127.19	8.71	3.20	0.43	12.33	3.98	-	16.31					143.50	
Materials	0.01	0.07	0.04	0.24	0.02	0.10	0.46	1.76	-	0.23	34.30	4.79	0.29	0.19	5.27	0.99	-	6.26					40.57	
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	4.08	0.17	-	0.01	0.18	0.01	-	0.20					4.28	
Road Charges	-	-	-	-	-	-	-	-	-	-	0.35	0.17	0.03	0.00	0.20	0.04	-	0.24					0.59	
Rent	-	-	3.23	-	-	2.56	5.78	-	-	-	5.95	-	-	-	-	-	-	-					5.95	
Subscriptions	0.00	0.03	0.28	0.03	0.00	-	0.34	-	-	-	1.91	-	-	-	-	-	-		31.48	28.95		60.43	62.34	
Related Party Margins	-	-	-	-	-	-	-	-	-	-	0.25	-	-	-	-	0.00	-	0.00					0.26	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	Disallowed
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
EFS	-	-	-	-	-	-	-	-	-	-	0.00	-	-	-	-	0.00	-	0.00					0.00	Disallowed
Transport	-	-	-	-	-	-	-	-	-	-	0.25	-	-	-	-	-	-	-					0.25	Disallowed
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
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Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	
Total Gross Costs	0.28	1.96	7.91	2.30	8.95	5.19	26.59	13.72	2.32	1.43	261.07	16.91	3.76	0.83	21.50	5.76	-	27.26	31.48	28.95		60.43	348.76	
Customer Contributions	-	-	-	-	-	-	-	-	-	-	(3.94)	(27.53)	(5.40)	(1.32)	(34.25)	(5.09)	-	(39.34)					(43.27)	
Cost Recoveries	-	-	(0.26)	-	-	-	(0.26)	-	-	-	(3.76)	-	-	-	-	-	-	-					(3.76)	
Total Net Costs Before Allocations	0.28	1.96	7.66	2.30	8.95	5.19	26.34	13.72	2.32	1.43	253.38	(10.62)	(1.63)	(0.49)	(12.75)	0.67	-	(12.08)	31.48	28.95		60.43	301.73	
Total Costs by Source:																								
DNO Own	-	-	0.32	-	-	0.07	0.39	-	-	-	3.94	-	-	-	-	-	-	-	31.48	28.95		60.43	64.37	
Related Party Totals	0.28	1.96	7.33	2.30	8.95	5.12	25.94	13.72	2.32	1.43	249.44	(10.62)	(1.63)	(0.49)	(12.75)	0.67	-	(12.08)	-	-		-	237.36	
Networks Ltd	0.26	1.96	7.33	2.30	8.95	5.12	25.92	6.86	2.32	1.43	235.74	(10.62)	(1.63)	(0.49)	(12.75)	0.09	-	(12.65)	-	-		-	223.09	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58	-	0.58	-	-		-	0.58	
Transport	-	-	-	-	-	-	0.02	6.86	-	-	13.70	-	-	-	-	-	-	-	-	-		-	13.70	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total Net Costs Before Allocations	0.28	1.96	7.66	2.30	8.95	5.19	26.34	13.72	2.32	1.43	253.38	(10.62)	(1.63)	(0.49)	(12.75)	0.67	-	(12.08)	31.48	28.95		60.43	301.73	
Check	-	-	-	-	-	-	-	-	-	-	(0.00)	-	-	-	-	-	-	-	-	-		-	(0.00)	
Allocation of Income relating to non-op capex and Business	(0.00)	(0.06)	(0.17)	(0.07)	(0.29)	(0.17)	(0.76)	(0.17)			(0.17)												(0.17)	
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-			-												-	
Allocation of Indirects - Labour	(0.00)	(0.13)	(0.45)	(0.19)	(0.17)	(0.05)	(0.99)	(0.00)			(4.91)	3.97	0.72	0.22	4.91			4.91					0.00	OK
Allocation of Indirects - Pensions	(0.00)	(0.01)	(0.05)	(0.01)	(0.02)	(0.00)	(0.10)	0.00			(0.64)	0.52	0.10	0.03	0.64			0.64					0.00	OK
Allocation of Indirects - Contractors	(0.00)	(0.14)	(0.12)	(0.07)	(1.10)	(0.30)	(1.72)	(1.83)			(4.77)	4.06	0.55	0.17	4.77			4.77					-	OK
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.01)	(0.05)	(0.00)	(0.02)	(0.08)	(1.12)			(1.61)	1.39	0.17	0.05	1.61			1.61					-	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.14)	(0.00)	(0.00)	(0.38)	(0.53)	-			(0.56)	0.47	0.07	0.02	0.56			0.56					0.00	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.02)	-	(0.02)	-			(0.02)	0.01	0.00	0.00	0.02			0.02					-	OK
Indirect Activity Allocations to Connections outside of RAV	(0.00)	(0.29)	(0.77)	(0.33)	(1.31)	(0.75)	(3.45)	(2.96)			(12.52)	10.42	1.60	0.50	12.52			12.52					0.00	OK
Allocation of Indirects - Labour	(0.00)	(0.04)	(0.16)	(0.07)	(0.06)	(0.02)	(0.35)	(0.00)		-	(1.71)				-	1.71	-	1.71	-	-		-	-	OK
Allocation of Indirects - Pensions	(0.00)	(0.00)	(0.02)	(0.00)	(0.01)	(0.00)	(0.03)	0.00		-	(0.22)				-	0.22	-	0.22	-	-		-	(0.00)	OK
Allocation of Indirects - Contractors	(0.00)	(0.05)	(0.04)	(0.02)	(0.38)	(0.10)	(0.60)	(0.43)		-	(1.46)				-	1.46	-	1.46	-	-		-	-	OK
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.00)	(0.02)	(0.00)	(0.01)	(0.03)	(0.27)		-	(0.44)				-	0.44	-	0.44	-	-		-	-	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.05)	(0.00)	(0.00)	(0.13)	(0.19)	-		-	(0.20)				-	0.20	-	0.20	-	-		-	0.00	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.01)	-	(0.01)	-		-	(0.01)				-	0.01	-	0.01	-	-		-	(0.00)	OK
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.00)	(0.10)	(0.27)	(0.12)	(0.46)	(0.26)	(1.20)	(0.70)		-	(4.03)				-	4.03	-	4.03	-	-		-	(0.00)	OK
Total Net Costs after allocation for RAV	0.27	1.51	6.45	1.77	6.89	4.02	20.92	9.89	2.32	1.43	236.66	(0.20)	(0.03)	0.01	(0.23)	4.70	-	4.47	31.48	28.95		60.43	301.56	
Check: Total allocated to worksheets											-													
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	(0.00)	(0.03)	(0.10)	(0.04)	(0.04)	(0.01)	(0.22)	(0.00)			0.00												0.00	OK
Allocation of Indirects - Pensions	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.02)	0.00			(0.00)												(0.00)	OK
Allocation of Indirects - Contractors	(0.00)	(0.03)	(0.03)	(0.02)	(0.24)	(0.07)	(0.38)	(0.44)			-												-	OK
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.02)	(0.27)			(0.00)												(0.00)	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.03)	(0.00)	(0.00)	(0.08)	(0.12)	-			0.00												0.00	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.00)	-	(0.00)	-			(0.00)												(0.00)	OK
Indirect Activity Allocations to Connections (RAV related)"	(0.00)	(0.06)	(0.17)	(0.07)	(0.29)	(0.17)	(0.76)	(0.70)			(0.00)												(0.00)	OK
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Pensions	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Contractors	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Materials	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Other	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-			-												-	OK
Indirect Activity Allocations to Part Funded Connections (RAV related)	-	-	-	-	-	-	-	-			-												-	OK
Memo: Statutory Non Op Depreciation																								
DNO Own	-	-	-	-	3.49	0.36	3.84	1.02	-	-	6.19	-	-	-	-	-	-	-	-	-		-	6.19	
Related Part Totals	-	-	-	-	-	-	-	-	-	-	1.45	-	-	-	-	-	-	-	-	-		-	1.45	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	-	-	-	-	-	-	-	-	-	-	1.45	-	-	-	-	-	-	-	-	-		-	1.45	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Memo: Statutory Allocation (of Total Net costs after allocation)																							-	
Memo: LCN Direct Benefits																							-	
Costs after allocation of memo items	0.27	1.44	6.29	1.70	10.09	4.21	24.00	10.21	2.32	1.43	244.29	(0.20)	(0.03)	0.01	(0.23)	4.70	-	4.47	31.48	28.95		60.43	309.20	
Comparison to FBPQ/Allowance																								
Net costs after allocation for RAV	0.3	1.5	6.5	1.8	6.9	4.0	20.9	9.9	2.3	1.4	236.7	-0.2	0.0	0.0	-0.2	4.7	0.0	4.5	31.5	29.0		60.4	301.6	
Less Pension Direct	0.0	-0.1	-0.3	-0.1	-0.2	0.0	-0.7	0.0	-0.3	0.0	-9.8	-0.3	0.0	0.0	-0.4	-0.1	0.0	-0.5	0.0	0.0		0.0	-10.3	
Less Pension Allocated to excluded services	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9	-0.5	-0.1	0.0	-0.6	-0.2	0.0	-0.9	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions	0.3	1.5	6.2	1.7	6.8	4.0	20.3	9.9	2.0	1.4	227.7	-1.1	-0.2	-0.1	-1.3	4.4	0.0	3.1	31.5	29.0		60.4	291.3	
Employer DB pension scheme ongoing contributions	(0.00)	0.06	0.29	0.08	0.13	0.03	0.59	-	-	-	7.59	0.28	0.03	0.02	0.33	0.05	-	0.38	-	-		-	7.97	
Employer DC pension scheme ongoing contributions	0.00	0.01	0.02	0.01	0.01	0.00	0.06	-	-	-	0.84	0.03	0.00	0.00	0.03	0.01	-	0.04	-	-		-	0.88	
Pension scheme administration costs	0.00	0.01	0.02	0.01	0.01	0.00	0.05	-	-	-	0.80	0.03	0.00	0.00	0.03	0.01	-	0.04	-	-		-	0.84	
PPF Levies	0.00	0.00	0.01	0.00	0.00	0.00	0.01	-	-	-	0.24	0.01	0.00	0.00	0.01	0.00	-	0.01	-	-		-	0.25	
Employer DB pension scheme contributions to pension sti	-	-	-	-	-	-	-	-	0.31	-	0.31	-	-	-	-	-	-	-	-	-		-	0.31	
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total pension costs reported, excluding established deficit rec	0.00	0.07	0.35	0.10	0.16	0.04	0.71	-	0.31	-	9.78	0.34	0.03	0.03	0.40	0.07	-	0.47	-	-		-	10.25	
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	OK	

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2015

	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Exclusing Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Blank (inserted for consistency with ED1)	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	Total Core Costs	Flooding	BT21CN	Technical losses and oth	High impact Low Probab	Critical National Infrastru	Black Start	Rising Mains and Lateral	Undergrounding Within/ Outside designated areas	Worst Served Customers	Total Network Investment Costs
	Network Investment Costs (RAV)																											
	Connections			Core Costs															Non core							Stand Alone Funding (RAV)		
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																												
Labour Total	0.06	0.22	0.14	0.28		1.32		0.35	6.23	0.42	0.98	0.35	0.62	0.05		0.41		11.01	0.06	0.01	0.01	-	-	0.03	0.86	-	0.07	12.46
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.06	0.22	0.14	0.28		1.32		0.35	6.23	0.42	0.98	0.35	0.62	0.05		0.41		11.01	0.06	0.01	0.01	-	-	0.03	0.86	-	0.07	12.46
Networks Ltd	0.06	0.22	0.14	0.28		1.32		0.35	6.23	0.42	0.98	0.35	0.62	0.05		0.41		11.01	0.06	0.01	0.01	-	-	0.03	0.86	-	0.07	12.46
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
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Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Pensions	0.01	0.03	0.02	0.05		0.23		0.06	1.48	0.07	0.14	0.06	0.11	0.01		0.07		2.28	0.01	0.00	0.00	-	-	0.00	0.15	-	0.01	2.52
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.01	0.03	0.02	0.05		0.23		0.06	1.48	0.07	0.14	0.06	0.11	0.01		0.07		2.28	0.01	0.00	0.00	-	-	0.00	0.15	-	0.01	2.52
Networks Ltd	0.01	0.03	0.02	0.05		0.23		0.06	1.48	0.07	0.14	0.06	0.11	0.01		0.07		2.28	0.01	0.00	0.00	-	-	0.00	0.15	-	0.01	2.52
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
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Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Contractors	0.25	1.51	0.44	3.06		19.27		6.54	15.17	3.21	3.93	3.04	4.15	0.05		7.22		65.62	1.47	0.13	0.47	-	-	0.69	0.81	1.15	0.06	72.60
Materials	0.11	0.83	0.67	0.94		6.29		2.05	5.04	0.56	1.40	0.93	0.75	0.47		2.27		20.68	0.00	0.01	0.01	-	-	0.00	0.10	0.32	0.58	23.32
Wayleaves (inc Easements/Servitudes)	0.00	0.04	0.01	3.03		0.45		0.01	0.10	0.03	0.00	-	0.10	0.00		0.04		3.77	-	-	-	-	-	-	-	0.00	0.00	3.82
Road Charges	0.00	0.00	0.00	0.00		0.04		0.00	0.02	0.00	0.00	-	0.00	0.00		0.00		0.07	-	-	-	-	-	-	0.00	-	0.00	0.08
Rent	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Related Party Margins	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
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Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
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Total Gross Costs	**0.43**	**2.63**	**1.27**	**7.36**		**27.60**		**9.01**	**28.04**	**4.29**	**6.45**	**4.38**	**5.73**	**0.58**		**10.02**		**103.44**	**1.54**	**0.16**	**0.49**	-	-	**0.73**	**1.92**	**1.48**	**0.71**	114.79
Customer Contributions	(0.62)	-	(1.90)	-		-		-	-	-	-	-	-	-		-		-										(2.52)
Cost Recoveries	-	-	-	(0.14)		-		-	-	-	-	-	-	-		-		(0.14)	-	-	-	-	-	-	-	-	-	(0.14)
Total Net Costs Before Allocations	**(0.19)**	**2.63**	**(0.63)**	**7.22**		**27.60**		**9.01**	**28.04**	**4.29**	**6.45**	**4.38**	**5.73**	**0.58**		**10.02**		**103.30**	**1.54**	**0.16**	**0.49**	-	-	**0.73**	**1.92**	**1.48**	**0.71**	112.13
Total Costs by Source:																												
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Related Party Totals	**(0.19)**	**2.63**	**(0.63)**	**7.22**		**27.60**		**9.01**	**28.04**	**4.29**	**6.45**	**4.38**	**5.73**	**0.58**		**10.02**		**103.30**	**1.54**	**0.16**	**0.49**	-	-	**0.73**	**1.92**	**1.48**	**0.71**	112.13
Networks Ltd	(0.19)	2.63	(0.63)	7.22		27.60		9.01	28.04	4.29	6.45	4.38	5.73	0.58		10.02		103.30	1.54	0.16	0.49	-	-	0.73	1.92	1.48	0.71	112.13
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	(0.19)	2.63	(0.63)	7.22		27.60		9.01	28.04	4.29	6.45	4.38	5.73	0.58		10.02		103.30	1.54	0.16	0.49	-	-	0.73	1.92	1.48	0.71	112.13
Check	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Allocation of Income relating to non-op capex and Business	0.13	-	0.29	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	0.42
Allocation of Income relating to closely associated indirects	0.12	-	0.34	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	0.46
Allocation of Indirects - Labour																												
Allocation of Indirects - Pensions																												
Allocation of Indirects - Contractors																												
Allocation of Indirects - Materials																												
Allocation of Indirects - Other																												
Allocation of Indirects - Related Party Margins																												
Indirect Activity Allocations to Connections outside of RAV																												
Allocation of Indirects - Labour																												
Allocation of Indirects - Pensions																												
Allocation of Indirects - Contractors																												
Allocation of Indirects - Materials																												
Allocation of Indirects - Other																												
Allocation of Indirects - Related Party Margins																												
Indirect Activity Allocations to Non Distribution (exc Connections)																												
Total Net Costs after allocation for RAV	0.06	2.63	**0.00**	7.22		27.60		9.01	28.04	4.29	6.45	4.38	5.73	0.58		10.02		103.30	1.54	0.16	0.49	-	-	0.73	1.92	1.48	0.71	113.01
Check: Total allocated to worksheets																												
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																												
Allocation of Indirects - Labour	0.03	0.57	0.28																									0.88
Allocation of Indirects - Pensions	0.00	0.08	0.04																									0.12
Allocation of Indirects - Contractors	0.14	0.43	0.21																									0.79
Allocation of Indirects - Materials	0.07	0.13	0.07																									0.27
Allocation of Indirects - Other	0.01	0.05	0.03																									0.09
Allocation of Indirects - Related Party Margins	0.00	0.00	0.00																									0.00
Indirect Activity Allocations to Connections (RAV related)"	0.25	1.26	0.63																									2.14
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Conn																												
Allocation of Indirects - Labour		-	-																									
Allocation of Indirects - Pensions		-	-																									
Allocation of Indirects - Contractors		-	-																									
Allocation of Indirects - Materials		-	-																									
Allocation of Indirects - Other		-	-																									
Allocation of Indirects - Related Party Margins		-	-																									
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-																									
Memo: Statutory Non Op Depreciation																												
DNO Own	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Related Part Totals	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Networks Ltd	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Contracting	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
EFS	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Corporate	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Energy Sourcing & Customer Supply	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Nuclear Branch	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
London Captive Insurance	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
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- none -	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Memo: Statutory Allocation (of Total Net costs after allocation)																												-
Memo: LCN Direct Benefits																										-	-	-
Costs after allocation of memo items	0.31	3.90	0.63	7.22		27.60		9.01	28.04	4.29	6.45	4.38	5.73	0.58		10.02		103.30	1.54	0.16	0.49	-	-	0.73	1.92	1.48	0.71	115.15
Comparison to FBPQ/Allowance																												
Net costs after allocation for RAV	0.1	2.6	0.0	7.2		27.6		9.0	28.0	4.3	6.4	4.4	5.7	0.6		10.0		103.3	1.5	0.2	0.5	0.0	0.0	0.7	1.9	1.5	0.7	113.0
Less Pension Direct	0.0	0.0	0.0	0.0		-0.2		-0.1	-1.5	-0.1	-0.1	-0.1	-0.1	0.0		-0.1		-2.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-2.5
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	0.1	2.6	0.0	7.2		27.4		9.0	26.6	4.2	6.3	4.3	5.6	0.6		9.9		101.0	1.5	0.2	0.5	0.0	0.0	0.7	1.8	1.5	0.7	110.5
Employer DB pension scheme ongoing contributions	0.01	0.03	0.02	0.04		0.20		0.05	1.36	0.06	0.12	0.05	0.09	0.01		0.04		2.03	0.01	0.00	0.00	-	-	0.00	0.13	-	0.01	2.23
Employer DC pension scheme ongoing contributions	0.00	0.00	0.00	0.00		0.02		0.00	0.06	0.00	0.01	0.01	0.01	0.00		0.02		0.13	-	0.00	0.00	-	-	0.00	0.01	-	0.00	0.14
Pension scheme administration costs	0.00	0.00	0.00	0.00		0.01		0.00	0.04	0.00	0.01	0.00	0.00	0.00		0.01		0.10	-	0.00	0.00	-	-	0.00	0.01	-	0.00	0.11
PPF Levies	0.00	0.00	0.00	0.00		0.00		0.00	0.01	0.00	0.00	0.00	0.00	0.00		0.00		0.03	-	0.00	0.00	-	-	0.00	0.00	-	0.00	0.03
Employer DB pension scheme contributions to pension st	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Incremental deficit recovery payments	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Other pension costs included in the amount reported	-	-	-	-		-		-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-
Total pension costs reported, excluding established deficit rec	**0.01**	0.03	0.02	0.05		0.23		0.06	1.48	0.07	0.14	0.06	0.11	0.01		0.07		2.28	0.01	0.00	0.00	-	-	0.00	0.15	-	0.01	2.52
Check to Pension (row 29)	OK	OK	OK	OK		OK		OK	OK	OK	OK	OK	OK	OK		OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	Network Operating Costs	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	Closely Associated Indirects	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs
	Network Operating Costs (RAV)							Closely associated Indirects (RAV)											Atypicals Non Sev Weather (RAV)	Smart Meters				
	Network Operating Costs							Closely associated Indirects											Atypicals Non Sev Weather	Smart Meters				
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																								
Labour Total	7.99	2.98		4.61	0.08	-	15.66	4.55	3.79	16.41	0.57	3.95	1.58	0.62	4.19	0.45		36.11	0.32				0.42	64.96
DNO Own	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Related Part Totals	7.99	2.98		4.61	0.08	-	15.66	4.55	3.79	16.41	0.57	3.95	1.58	0.62	4.19	0.45		36.11	0.32				0.42	64.96
Networks Ltd	7.99	2.98		4.61	0.08	-	15.66	4.47	3.72	16.13	0.57	3.95	1.58	0.62	4.19	-		35.24	0.32				0.42	64.09
Contracting	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-		-	-	-	-	0.08	0.06	0.28	-	-	-	-	-	0.45		0.87	-				-	0.87
Corporate	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
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Check	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Pensions	1.80	0.67		1.09	0.01	-	3.58	0.75	0.50	2.14	0.16	0.75	0.18	0.14	0.70	0.12		5.43	-				0.06	11.59
DNO Own	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Related Part Totals	1.80	0.67		1.09	0.01	-	3.58	0.75	0.50	2.14	0.16	0.75	0.18	0.14	0.70	0.12		5.43	-				0.06	11.59
Networks Ltd	1.80	0.67		1.09	0.01	-	3.58	0.75	0.50	2.14	0.16	0.75	0.18	0.14	0.70	-		5.32	-				0.06	11.48
Contracting	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-		-	-	-	-	-	-	-	-	-	-	-	-	0.12		0.12	-				-	0.12
Transport	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Corporate	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
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Check	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Contractors	10.83	2.71		3.79	6.98	1.06	25.36	0.84	1.31	4.18	0.60	0.00	0.83	0.71	0.60	3.09		12.16	-				-	110.12
Materials	2.51	0.14		1.51	0.01	-	4.16	0.02	0.07	0.41	0.01	0.00	0.06	0.25	0.22	4.02		5.06	-				0.02	32.56
Wayleaves (inc Easements/Servitudes)	0.01	0.00		0.00	-	-	0.01	-	-	1.99	-	-	-	-	-	-		1.99	-				-	5.82
Road Charges	0.11	0.10		0.01	0.00	-	0.23	-	-	-	-	-	-	-	-	-		-	-				0.02	0.32
Rent	-	-		-	-	-	-	-	-	-	-	-	-	-	0.18	-		0.18	-				-	0.18
Subscriptions	-	-		-	-	1.10	1.10	0.00	0.00	0.04	0.35	-	0.01	0.07	-	-		0.48	-				-	1.57
Related Party Margins	-	-		0.00	-	-	0.00	-	-	-	-	-	-	-	-	0.25		0.25	-				-	0.26
Networks Ltd	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-		0.00	-	-	0.00	-	-	-	-	-	-	-	-	-		-	-				-	0.00
Transport	-	-		-	-	-	-	-	-	-	-	-	-	-	-	0.25		0.25	-				-	0.25
Corporate	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
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Check	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Gross Costs	**23.24**	**6.60**		**11.02**	**7.08**	**2.16**	**50.10**	**6.16**	**5.67**	**25.17**	**1.70**	**4.70**	**2.66**	**1.80**	**5.88**	**7.93**		**61.66**	**0.32**				**0.52**	227.38
Customer Contributions	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	(2.52)
Cost Recoveries	(3.31)	-		-	-	-	(3.31)	-	-	-	-	-	-	-	-	-		-	-				-	(3.46)
Total Net Costs Before Allocations	**19.93**	**6.60**		**11.02**	**7.08**	**2.16**	**46.79**	**6.16**	**5.67**	**25.17**	**1.70**	**4.70**	**2.66**	**1.80**	**5.88**	**7.93**		**61.66**	**0.32**				**0.52**	221.41
Total Costs by Source:																								
DNO Own	-	-		-	-	1.10	1.10	-	-	1.99	0.35	-	-	0.10	-	-		2.45	-				-	3.54
Related Party Totals	**19.93**	**6.60**		**11.02**	**7.08**	**1.06**	**45.69**	**6.16**	**5.67**	**23.18**	**1.35**	**4.70**	**2.66**	**1.69**	**5.88**	**7.93**		**59.21**	**0.32**				**0.52**	217.87
Networks Ltd	19.93	6.60		11.02	7.08	1.06	45.69	6.08	5.60	22.90	1.35	4.70	2.66	1.69	5.88	1.81		52.67	0.32				0.52	211.32
Contracting	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-		-	-	-	-	0.08	0.06	0.28	-	-	-	-	-	6.12		6.54	-				-	6.54
Corporate	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
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- none -	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
- none -	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Total Net Costs Before Allocations	19.93	6.60		11.02	7.08	2.16	46.79	6.16	5.67	25.17	1.70	4.70	2.66	1.80	5.88	7.93		61.66	0.32				0.52	221.41
Check	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	(0.00)
Allocation of Income relating to non-op capex and Business	-	-		-	-	-	-																-	0.42
Allocation of Income relating to closely associated indirects	-	-		-	-	-	-	(0.08)	(0.06)	(0.19)	(0.02)	(0.00)	(0.01)	(0.01)	(0.03)	(0.05)		(0.46)						-
Allocation of Indirects - Labour								(1.07)	(0.46)	(2.19)	(0.13)	(0.00)	(0.11)	(0.08)	(0.36)	-		(4.41)						(4.41)
Allocation of Indirects - Pensions								(0.14)	(0.07)	(0.31)	(0.02)	(0.01)	(0.01)	(0.01)	(0.04)	-		(0.61)						(0.61)
Allocation of Indirects - Contractors								(0.00)	(0.32)	(0.28)	(0.15)	-	(0.03)	(0.09)	(0.05)	(0.46)		(1.37)						(1.37)
Allocation of Indirects - Materials								(0.00)	(0.01)	(0.05)	(0.00)	-	(0.00)	(0.03)	(0.02)	(0.35)		(0.45)						(0.45)
Allocation of Indirects - Other								(0.00)	(0.00)	(0.01)	-	-	(0.00)	-	(0.02)	-		(0.03)						(0.03)
Allocation of Indirects - Related Party Margins								-	-	-	-	-	-	-	-	0.00		0.00						0.00
Indirect Activity Allocations to Connections outside of RAV								(1.22)	(0.86)	(2.83)	(0.30)	(0.01)	(0.15)	(0.21)	(0.49)	(0.81)		(6.87)						(6.87)
Allocation of Indirects - Labour								(0.33)	(0.14)	(0.68)	(0.04)	(0.00)	(0.03)	(0.02)	(0.11)	-		(1.36)						(1.36)
Allocation of Indirects - Pensions								(0.04)	(0.02)	(0.09)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	-		(0.19)						(0.19)
Allocation of Indirects - Contractors								(0.00)	(0.10)	(0.09)	(0.04)	-	(0.01)	(0.03)	(0.02)	(0.14)		(0.42)						(0.42)
Allocation of Indirects - Materials								(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.01)	(0.01)	(0.11)		(0.14)						(0.14)
Allocation of Indirects - Other								(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.01)	-		(0.01)						(0.01)
Allocation of Indirects - Related Party Margins								-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Non Distribution (exc Connections)								(0.38)	(0.27)	(0.87)	(0.09)	(0.00)	(0.05)	(0.06)	(0.15)	(0.25)		(2.12)						(2.12)
Total Net Costs after allocation for RAV	19.93	6.60		11.02	7.08	2.16	46.79	4.49	4.48	21.28	1.29	4.69	2.45	1.51	5.20	6.82		52.21	0.32				0.52	212.84
Check: Total allocated to worksheets																								
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour								(0.18)	(0.08)	(0.36)	(0.02)	(0.00)	(0.02)	(0.01)	(0.06)	-		(0.73)						0.16
Allocation of Indirects - Pensions								(0.02)	(0.01)	(0.05)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-		(0.10)						0.02
Allocation of Indirects - Contractors								(0.00)	(0.05)	(0.05)	(0.02)	-	(0.01)	(0.01)	(0.01)	(0.08)		(0.23)						0.56
Allocation of Indirects - Materials								(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.00)	(0.00)	(0.06)		(0.07)						0.19
Allocation of Indirects - Other								(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-		(0.00)						0.08
Allocation of Indirects - Related Party Margins								-	-	-	-	-	-	-	-	-		-						0.00
Indirect Activity Allocations to Connections (RAV related)"								(0.20)	(0.14)	(0.47)	(0.05)	(0.00)	(0.03)	(0.03)	(0.08)	(0.13)		(1.13)						1.01
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Conn																								
Allocation of Indirects - Labour								-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Pensions								-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Contractors								-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Materials								-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Other								-	-	-	-	-	-	-	-	-		-						-
Allocation of Indirects - Related Party Margins								-	-	-	-	-	-	-	-	-		-						-
Indirect Activity Allocations to Part Funded Connections (RAV related)								-	-	-	-	-	-	-	-	-		-						-
Memo: Statutory Non Op Depreciation																								
DNO Own	-	-		-	-	-	-	-	-	-	-	-	-	-	-	1.34		1.34	-				-	1.34
Related Part Totals	-	-		-	-	-	-	-	-	-	-	-	-	-	-	**1.46**		**1.46**	-				-	1.46
Networks Ltd	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Contracting	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
EFS	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Transport	-	-		-	-	-	-	-	-	-	-	-	-	-	-	1.46		1.46	-				-	1.46
Corporate	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Energy Sourcing & Customer Supply	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Nuclear Branch	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
London Captive Insurance	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Development	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
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- none -	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Memo: Statutory Allocation (of Total Net costs after allocation)						-																		
Memo: LCN Direct Benefits																								-
Costs after allocation of memo items	19.93	6.60		11.02	7.08	2.16	46.79	4.29	4.34	20.82	1.24	4.69	2.43	1.48	5.12	9.49		53.88	0.32				0.52	216.65
Comparison to FBPQ/Allowance								**Some Columns will be linked to memo**																
Net costs after allocation for RAV	19.9	6.6		11.0	7.1	2.2	46.8	4.5	4.5	21.3	1.3	4.7	2.5	1.5	5.2	6.8		52.2	0.3				0.5	212.8
Less Pension Direct	-1.8	-0.7		-1.1	0.0	0.0	-3.6	-0.7	-0.5	-2.1	-0.2	-0.7	-0.2	-0.1	-0.7	-0.1		-5.4	0.0				-0.1	-11.6
Less Pension Allocated to excluded services	0.0	0.0		0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0		0.8	0.0				0.0	0.8
Net costs after allocation for RAV excluding pensions	18.1	5.9		9.9	7.1	2.2	43.2	3.9	4.1	19.5	1.2	4.0	2.3	1.4	4.6	6.7		47.6	0.3				0.5	202.0
								Some Columns will be linked to memo																
Employer DB pension scheme ongoing contributions	1.55	0.59		0.97	0.01	-	3.13	0.62	0.39	1.71	0.14	0.63	0.16	0.12	0.60	0.10		4.47	-				0.04	9.87
Employer DC pension scheme ongoing contributions	0.11	0.04		0.06	0.00	-	0.22	0.07	0.05	0.22	0.01	0.06	0.01	0.01	0.05	0.01		0.48	-				0.01	0.85
Pension scheme administration costs	0.07	0.03		0.05	0.00	-	0.15	0.05	0.04	0.17	0.01	0.04	0.01	0.01	0.04	0.01		0.37	-				0.01	0.64
PPF Levies	0.06	0.01		0.01	0.00	-	0.08	0.02	0.01	0.05	0.00	0.01	0.00	0.00	0.01	0.00		0.11	-				0.00	0.23
Employer DB pension scheme contributions to pension st	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Incremental deficit recovery payments	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Other pension costs included in the amount reported	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-				-	-
Total pension costs reported, excluding established deficit rec	1.80	0.67		1.09	0.01	-	3.58	0.75	0.50	2.14	0.16	0.75	0.18	0.14	0.70	0.12		5.43	-				0.06	11.59
Check to Pension (row 29)	OK	OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK				OK	OK

	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Connection projects; DG (Excl services)	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO	
											Costs Within Price Control	Non Price Control						Costs outside Price Control	NABC				Total DNO	
	Business Support							Non Op Capex	Atypicals Non Sev Weather	Stand Alone Funding (not RAV)	Costs Within Price Control	Connections outside of RAV				Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC				Total DNO	
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	
Cost Type																								
Labour Total	0.14	0.79	2.66	1.40	1.30	0.30	6.59	-	2.01	0.15	73.70	2.85	0.19	0.19	3.23	0.65	-	3.88	-	-		-	77.58	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Related Part Totals	0.14	0.79	2.66	1.40	1.30	0.30	6.59	-	2.01	0.15	73.70	2.85	0.19	0.19	3.23	0.65	-	3.88	-	-		-	77.58	
Networks Ltd	0.12	0.79	2.66	1.40	1.30	0.30	6.58	-	2.01	0.15	72.82	2.85	0.19	0.19	3.23	0.65	-	3.88	-	-		-	76.70	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	0.01	-	-	-	-	-	0.01	-	-	-	0.88	-	-	-	-	-	-	-	-	-		-	0.88	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Pensions	0.01	0.11	0.44	0.15	0.25	0.04	1.00	-	0.31	-	12.90	0.35	0.03	0.03	0.41	0.07	-	0.48	-	-		-	13.38	
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Related Part Totals	0.01	0.11	0.44	0.15	0.25	0.04	1.00	-	0.31	-	12.90	0.35	0.03	0.03	0.41	0.07	-	0.48	-	-		-	13.38	
Networks Ltd	0.01	0.11	0.44	0.15	0.25	0.04	1.00	-	0.31	-	12.78	0.35	0.03	0.03	0.41	0.07	-	0.48	-	-		-	13.26	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	0.12	-	-	-	-	-	-	-	-	-		-	0.12	
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contractors	0.12	1.00	1.37	0.53	7.74	2.21	12.96	8.30	-	0.76	132.14	9.10	2.90	0.46	12.45	3.59	-	16.05					148.19	
Materials	0.01	0.07	0.04	0.24	0.02	0.10	0.46	1.34	-	0.16	34.54	5.01	0.27	0.20	5.47	0.88	-	6.35					40.89	
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	5.82	0.18	-	0.01	0.19	0.01	-	0.21					6.03	
Road Charges	-	-	-	-	-	-	-	-	-	-	0.32	0.18	0.03	0.00	0.21	0.03	-	0.24					0.56	
Rent	-	-	3.23	-	-	2.55	5.78	-	-	-	5.96	-	-	-	-	-	-	-					5.96	
Subscriptions	0.00	0.03	0.28	0.03	0.00	-	0.34	-	-	-	1.91	-	-	-	-	-	-	-	33.68	28.95		62.63	64.54	
Related Party Margins	-	-	-	-	-	-	-	-	-	-	0.26	-	-	-	-	0.00	-	0.00					0.26	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	Disallowed
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
EFS	-	-	-	-	-	-	-	-	-	-	0.00	-	-	-	-	0.00	-	0.00					0.00	Disallowed
Transport	-	-	-	-	-	-	-	-	-	-	0.25	-	-	-	-	-	-	-					0.25	Disallowed
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-
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Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	
Total Gross Costs	**0.27**	**2.00**	**8.01**	**2.35**	**9.30**	**5.19**	**27.13**	**9.64**	**2.32**	**1.07**	**267.54**	**17.66**	**3.41**	**0.89**	**21.97**	**5.24**	-	**27.20**	**33.68**	**28.95**		**62.63**	**357.37**	
Customer Contributions	-	-	-	-	-	-	-	-	-	-	(2.52)	(28.80)	(4.94)	(1.43)	(35.17)	(4.16)	-	(39.33)					(41.85)	
Cost Recoveries	-	-	(0.26)	-	-	-	(0.26)	-	-	-	(3.71)	-	-	-	-	-	-	-					(3.71)	
Total Net Costs Before Allocations	**0.27**	**2.00**	**7.75**	**2.35**	**9.30**	**5.19**	**26.87**	**9.64**	**2.32**	**1.07**	**261.31**	**(11.14)**	**(1.53)**	**(0.54)**	(13.21)	**1.07**	-	**(12.13)**	**33.68**	**28.95**		**62.63**	**311.81**	
Total Costs by Source:																								
DNO Own	-	-	0.32	-	-	0.07	0.39	-	-	-	**3.94**	-	-	-	-	-	-	-	33.68	28.95		**62.63**	**66.57**	
Related Party Totals	**0.27**	**2.00**	**7.43**	**2.35**	**9.30**	**5.12**	**26.48**	**9.64**	**2.32**	**1.07**	**257.38**	**(11.14)**	**(1.53)**	**(0.54)**	(13.21)	**1.07**	-	**(12.13)**	-	-		-	**245.24**	
Networks Ltd	0.26	2.00	7.43	2.35	9.30	5.12	26.47	5.23	2.32	1.07	**246.40**	(11.14)	(1.53)	(0.54)	(13.21)	0.50	-	**(12.71)**	-	-		-	**233.70**	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58	-	**0.58**	-	-		-	**0.58**	
Transport	0.01	-	-	-	-	-	0.01	4.42	-	-	**10.97**	-	-	-	-	-	-	-	-	-		-	**10.97**	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
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- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total Net Costs Before Allocations	0.27	2.00	7.75	2.35	9.30	5.19	26.87	9.64	2.32	1.07	**261.32**	(11.14)	(1.53)	(0.54)	(13.21)	1.07	-	**(12.13)**	33.68	28.95		62.63	**311.81**	
Check	-	-	-	-	-	-	-	-	-	-	(0.00)	-	-	-	-	-	-	-	-	-		-	(0.00)	
Allocation of Income relating to non-op capex and Business	(0.00)	(0.04)	(0.09)	(0.04)	(0.16)	(0.09)	(0.42)	(0.17)			**(0.17)**												**(0.17)**	
Allocation of Income relating to closely associated indirects											-												-	
Allocation of Indirects - Labour	(0.00)	(0.12)	(0.41)	(0.18)	(0.16)	(0.04)	(0.91)	(0.00)			**(5.32)**	4.46	0.62	0.23	5.32			**5.32**					**(0.00)**	OK
Allocation of Indirects - Pensions	(0.00)	(0.01)	(0.05)	(0.01)	(0.02)	(0.00)	(0.09)	0.00			**(0.70)**	0.59	0.08	0.03	0.70			**0.70**					-	OK
Allocation of Indirects - Contractors	(0.00)	(0.13)	(0.11)	(0.07)	(1.01)	(0.27)	(1.58)	(1.44)			**(4.40)**	3.75	0.47	0.18	4.40			**4.40**					-	OK
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.01)	(0.05)	(0.00)	(0.02)	(0.08)	(0.89)			**(1.42)**	1.22	0.14	0.05	1.42			**1.42**					-	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.13)	(0.00)	(0.00)	(0.35)	(0.49)	-			**(0.52)**	0.44	0.06	0.02	0.52			**0.52**					-	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.02)	-	(0.02)				**(0.02)**	0.01	0.00	0.00	0.02			**0.02**					-	OK
Indirect Activity Allocations to Connections outside of RAV	(0.00)	(0.27)	(0.70)	(0.30)	(1.20)	(0.69)	(3.16)	(2.33)			**(12.37)**	10.47	1.38	0.52	12.37			**12.37**					-	OK
Allocation of Indirects - Labour	(0.00)	(0.04)	(0.13)	(0.06)	(0.05)	(0.01)	(0.28)	(0.00)		-	**(1.64)**				-	1.64	-	**1.64**	-	-		-	**(0.00)**	OK
Allocation of Indirects - Pensions	(0.00)	(0.00)	(0.02)	(0.00)	(0.00)	(0.00)	(0.03)	0.00		-	**(0.22)**				-	0.22	-	**0.22**	-	-		-	-	OK
Allocation of Indirects - Contractors	(0.00)	(0.04)	(0.03)	(0.02)	(0.31)	(0.08)	(0.49)	(0.31)		-	**(1.23)**				-	1.23	-	**1.23**	-	-		-	**0.00**	OK
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.02)	(0.19)		-	**(0.36)**				-	0.36	-	**0.36**	-	-		-	-	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.04)	(0.00)	(0.00)	(0.11)	(0.15)	-		-	**(0.16)**				-	0.16	-	**0.16**	-	-		-	**0.00**	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.00)	-	(0.00)			-	**(0.00)**				-	0.00	-	**0.00**	-	-		-	**(0.00)**	OK
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.00)	(0.08)	(0.22)	(0.09)	(0.37)	(0.21)	(0.98)	(0.51)		-	**(3.61)**				-	3.61	-	**3.61**	-	-		-	**(0.00)**	OK
Total Net Costs after allocation for RAV	0.27	1.62	6.74	1.91	7.57	4.20	22.31	6.63	2.32	1.07	**245.16**	(0.67)	(0.15)	(0.02)	(0.84)	4.68	-	**3.84**	33.68	28.95		62.63	**311.63**	
Check: Total allocated to worksheets											-													
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour	(0.00)	(0.02)	(0.07)	(0.03)	(0.03)	(0.01)	(0.15)	(0.00)			**0.00**												**0.00**	OK
Allocation of Indirects - Pensions	(0.00)	(0.01)	(0.01)	(0.00)	(0.00)	(0.00)	(0.02)	0.00			**(0.00)**												**(0.00)**	OK
Allocation of Indirects - Contractors	(0.00)	(0.02)	(0.02)	(0.01)	(0.17)	(0.05)	(0.27)	(0.29)			**0.00**												**0.00**	OK
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.18)			**0.00**												**0.00**	OK
Allocation of Indirects - Other	(0.00)	(0.00)	(0.02)	(0.00)	(0.00)	(0.06)	(0.08)	-			**0.00**												**0.00**	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	(0.00)	-	(0.00)				**(0.00)**												**(0.00)**	OK
Indirect Activity Allocations to Connections (RAV related)"	(0.00)	(0.05)	(0.12)	(0.05)	(0.20)	(0.12)	(0.54)	(0.47)			**(0.00)**												**(0.00)**	OK
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Conn																								
Allocation of Indirects - Labour	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Pensions	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Contractors	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Materials	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Other	-	-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-			-												-	OK
Indirect Activity Allocations to Part Funded Connections (RAV related)	-	-	-	-	-	-	-	-			-												-	OK
Memo: Statutory Non Op Depreciation																								
DNO Own	-	-	-	-	-	-	-	1.07	-	-	**2.41**	-	-	-	-	-	-	-	-	-		-	**2.41**	
Related Part Totals	-	-	-	-	-	-	-	-	-	-	**1.46**	-	-	-	-	-	-	-	-	-		-	**1.46**	
Networks Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Contracting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
EFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Transport	-	-	-	-	-	-	-	-	-	-	**1.46**	-	-	-	-	-	-	-	-	-		-	**1.46**	
Corporate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Energy Sourcing & Customer Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Nuclear Branch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
London Captive Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
- none -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Memo: Statutory Allocation (of Total Net costs after allocation)																							-	
Memo: LCN Direct Benefits																			-	-			-	
Costs after allocation of memo items	0.27	1.57	6.62	1.86	7.37	4.08	21.77	7.23	2.32	1.07	249.04	(0.67)	(0.15)	(0.02)	(0.84)	4.68	-	3.84	33.68	28.95		62.63	315.51	
Comparison to FBPQ/Allowance																								
Net costs after allocation for RAV	0.3	1.6	6.7	1.9	7.6	4.2	22.3	6.6	2.3	1.1	245.2	-0.7	-0.1	0.0	-0.8	4.7	0.0	3.8	33.7	29.0		62.6	311.6	
Less Pension Direct	0.0	-0.1	-0.4	-0.2	-0.2	0.0	-1.0	0.0	-0.3	0.0	-12.9	-0.4	0.0	0.0	-0.4	-0.1	0.0	-0.5	0.0	0.0		0.0	-13.4	
Less Pension Allocated to excluded services	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9	-0.6	-0.1	0.0	-0.7	-0.2	0.0	-0.9	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions	0.3	1.5	6.4	1.8	7.3	4.2	21.4	6.6	2.0	1.1	233.2	-1.6	-0.3	-0.1	-2.0	4.4	0.0	2.4	33.7	29.0		62.6	298.3	
Employer DB pension scheme ongoing contributions	(0.00)	0.09	0.38	0.13	0.21	0.03	0.85	-	-	-	**10.71**	0.31	0.03	0.03	0.36	0.05	-	**0.41**	-	-		-	**11.13**	
Employer DC pension scheme ongoing contributions	0.00	0.01	0.03	0.01	0.02	0.00	0.08	-	-	-	**0.93**	0.02	0.00	0.00	0.03	0.01	-	**0.04**	-	-		-	**0.97**	
Pension scheme administration costs	0.00	0.01	0.03	0.01	0.01	0.00	0.06	-	-	-	**0.70**	0.02	0.00	0.00	0.02	0.01	-	**0.03**	-	-		-	**0.72**	
PPF Levies	0.00	0.00	0.01	0.00	0.00	0.00	0.02	-	-	-	**0.25**	0.01	0.00	0.00	0.01	0.00	-	**0.01**	-	-		-	**0.26**	
Employer DB pension scheme contributions to pension st	-	-	-	-	-	-	-	-	0.31	-	**0.31**	-	-	-	-	-	-	-	-	-		-	**0.31**	
Incremental deficit recovery payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Total pension costs reported, excluding established deficit rec	0.01	0.11	0.44	0.15	0.25	0.04	1.00	-	0.31	-	**12.90**	0.35	0.03	0.03	0.41	0.07	-	**0.48**	-	-		-	**13.38**	
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	OK	

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2016

All values £'m.

Network Investment Costs (RAV) – Connections and Core Costs

	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmission Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	Total Core Costs
Labour Total	-	0.22	0.20	0.24	-	1.16	-	0.14	7.35	0.22	0.62	0.30	0.74	-	0.04	0.21		10.99
Related Part Totals	-	0.22	0.20	0.24	-	1.16	-	0.14	7.35	0.22	0.62	0.30	0.74	-	0.04	0.21		10.99
Networks Ltd	-	0.22	0.20	0.24		1.16	-	0.14	7.35	0.22	0.62	0.30	0.74		0.04	0.21		10.99
Pensions	-	0.03	0.03	0.04	-	0.20	-	0.02	1.75	0.04	0.11	0.05	0.13	-	0.01	0.04		2.38
Related Part Totals	-	0.03	0.03	0.04	-	0.20	-	0.02	1.75	0.04	0.11	0.05	0.13	-	0.01	0.04		2.38
Networks Ltd	-	0.03	0.03	0.04		0.20	-	0.02	1.75	0.04	0.11	0.05	0.13		0.01	0.04		2.38
Contractors	-	1.53	0.68	2.64	-	16.93	-	2.70	18.13	1.71	2.56	2.59	4.94	-	0.03	3.73		55.93
Materials	-	0.84	0.34	0.81	-	5.52	-	0.85	5.71	0.30	0.91	0.79	0.89	-	0.34	1.17		16.95
Wayleaves (inc Easements/Servitudes)	-	0.04	0.01	2.61	-	0.40	-	0.01	0.11	0.02	0.00	-	0.12	-	0.00	0.02		3.29
Road Charges	-	0.00	0.01	0.00	-	0.04	-	0.00	0.02	0.00	0.00	-	0.00	-	0.00	0.00		0.06
Total Gross Costs	-	2.65	1.28	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.17		89.60
Customer Contributions	-	-	(1.91)	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total Net Costs Before Allocations	-	2.65	(0.64)	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.17		89.60
Related Party Totals	-	2.65	(0.64)	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.17		89.60
Networks Ltd	-	2.65	(0.64)	6.35		24.25	-	3.73	33.06	2.29	4.20	3.74	6.82		0.42	5.17		89.60
Total Net Costs Before Allocations	-	2.65	(0.64)	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.17		89.60
Allocation of Income relating to non-op capex and Business	-	-	0.23	-		-	-	-	-	-	-	-	-	-	-	-		-
Allocation of Income relating to closely associated indirects	-	-	0.34	-		-	-	-	-	-	-	-	-	-	-	-		-
Total Net Costs after allocation for RAV	-	2.65	(0.06)	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.17		89.60
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour	-	0.52	0.27															
Allocation of Indirects - Pensions	-	0.07	0.04															
Allocation of Indirects - Contractors	-	0.39	0.19															
Allocation of Indirects - Materials	-	0.12	0.05															
Allocation of Indirects - Other	-	0.05	0.03															
Allocation of Indirects - Related Party Margins	-	0.00	0.00															
Indirect Activity Allocations to Connections (RAV related)"	-	1.15	0.58															
Memo: Indirect Activity Allocation to High Value Projects - ex ante																		
Allocation of Indirects - Labour																0.05		0.05
Allocation of Indirects - Pensions																0.00		0.00
Allocation of Indirects - Contractors																0.04		0.04
Indirect Activity Allocations to High value projects - ex ante																0.09		0.09
Costs after allocation of memo items	-	3.81	0.52	6.35	-	24.25	-	3.73	33.06	2.29	4.20	3.74	6.82	-	0.42	5.26		89.69
Comparison to FBPQ/Allowance																		
Net costs after allocation for RAV	0.0	2.7	-0.1	6.3	0.0	24.2	0.0	3.7	33.1	2.3	4.2	3.7	6.8	0.0	0.4	5.2		89.6
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-1.7	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0		-2.4
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Net costs after allocation for RAV excluding pensions	0.0	2.6	-0.1	6.3	0.0	24.0	0.0	3.7	31.3	2.3	4.1	3.7	6.7	0.0	0.4	5.1		87.2
Employer DB pension scheme ongoing contributions	-	0.03	0.01	0.03		0.16	-	0.02	1.57	0.02	0.08	0.04	0.11		0.01	0.00		2.02
Employer DC pension scheme ongoing contributions	-	0.00	0.01	0.00		0.01	-	0.00	0.07	0.01	0.01	0.01	0.01		0.00	0.01		0.13
Pension scheme administration costs	-	0.00	0.01	0.00		0.01	-	0.00	0.05	0.00	0.01	0.00	0.01		0.00	0.01		0.10
PPF Levies	-	0.00	0.00	0.00		0.00	-	0.00	0.02	0.00	0.00	0.00	0.00		0.00	0.00		0.03
Incremental deficit recovery payments	-	0.00	0.01	0.00		0.01	-	0.00	0.05	0.00	0.01	0.00	0.01		0.00	0.01		0.09
Total pension costs reported, excluding established deficit reco	-	0.03	0.03	0.04	-	0.20	-	0.02	1.75	0.04	0.11	0.05	0.13	-	0.01	0.04		2.38
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK

Network Investment Costs (RAV) – Non core and Stand Alone Funding (RAV)

	Flooding	BT21CN	Technical losses and ot	High impact Low Probal	Critical National Infrastn	Black Start	Rising Mains and Latera	Undergrounding Within/ Outside designated areas	Worst Served Customers	Total Network Investment Costs
Labour Total	0.02	0.29	0.01	-	-	0.03	0.89	-	0.03	12.67
Related Part Totals	0.02	0.29	0.01	-	-	0.03	0.89	-	0.03	12.67
Networks Ltd	0.02	0.29	0.01	-		0.03	0.89	-	0.03	12.67
Pensions	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01	2.66
Related Part Totals	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01	2.66
Networks Ltd	0.00	0.05	0.00	-		0.00	0.15	-	0.01	2.66
Contractors	0.56	3.55	0.37	-	2.50	0.69	0.84	1.35	0.03	68.02
Materials	0.00	0.32	0.01	-	-	0.00	0.11	0.38	0.28	19.23
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	0.00	0.00	3.34
Road Charges	-	-	-	-	-	-	0.00	-	0.00	0.08
Total Gross Costs	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	106.01
Customer Contributions										(1.91)
Total Net Costs Before Allocations	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	104.10
Related Party Totals	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	104.10
Networks Ltd	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	104.10
Total Net Costs Before Allocations	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	104.10
Allocation of Income relating to non-op capex and Business	-	-	-	-	-	-	-	-	-	0.23
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-	-	0.34
Total Net Costs after allocation for RAV	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	104.68
Memo Connections: Allocation of Indirects - Labour										0.79
Allocation of Indirects - Pensions										0.10
Allocation of Indirects - Contractors										0.58
Allocation of Indirects - Materials										0.17
Allocation of Indirects - Other										0.08
Allocation of Indirects - Related Party Margins										0.00
Indirect Activity Allocations to Connections (RAV related)"										1.73
Costs after allocation of memo items	0.58	4.21	0.39	-	2.50	0.73	1.99	1.73	0.35	106.50
Net costs after allocation for RAV	0.6	4.2	0.4	0.0	2.5	0.7	2.0	1.7	0.3	104.7
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-2.7
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	0.6	4.2	0.4	0.0	2.5	0.7	1.8	1.7	0.3	102.0
Employer DB pension scheme ongoing contributions	0.00	0.04	0.00	-	-	0.00	0.13	-	0.00	2.23
Employer DC pension scheme ongoing contributions	-	0.01	0.00	-	-	0.00	0.01	-	0.00	0.16
Pension scheme administration costs	-	0.00	0.00	-	-	0.00	0.01	-	0.00	0.12
PPF Levies	-	0.00	0.00	-	-	0.00	0.00	-	0.00	0.04
Incremental deficit recovery payments	-	0.00	0.00	-	-	0.00	0.01	-	0.00	0.11
Total pension costs reported, excluding established deficit reco	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01	2.66
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Network Operating Costs (RAV)

	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	Network Operating Costs
Labour Total	7.73	2.43	0.25	3.83	0.10	-	14.34
Related Part Totals	7.73	2.43	0.25	3.83	0.10	-	14.34
Networks Ltd	7.73	2.43	0.25	3.83	0.10	-	14.34
Pensions	1.80	0.62	0.03	1.01	0.02	-	3.47
Related Part Totals	1.80	0.62	0.03	1.01	0.02	-	3.47
Networks Ltd	1.80	0.62	0.03	1.01	0.02	-	3.47
Contractors	10.41	2.14	0.41	3.05	8.13	1.33	25.47
Materials	2.43	0.11	0.07	1.26	0.01	-	3.87
Wayleaves (inc Easements/Servitudes)	0.01	0.00	-	0.00	-	-	0.01
Road Charges	0.11	0.08	-	0.01	0.00	-	0.20
Subscriptions	-	-	-	-	-	1.10	1.10
Related Party Margins	-	-	-	0.00	-	-	0.00
EFS	-	-	-	0.00	-	-	0.00
Check	-	-	-	0.00	-	-	-
Total Gross Costs	22.49	5.38	0.75	9.16	8.25	2.43	48.46
Cost Recoveries	(3.31)	-	-	-	-	-	(3.31)
Total Net Costs Before Allocations	19.18	5.38	0.75	9.16	8.25	2.43	45.15
DNO Own	-	-	-	-	-	1.10	1.10
Related Party Totals	19.18	5.38	0.75	9.16	8.25	1.33	44.05
Networks Ltd	19.18	5.38	0.75	9.16	8.25	1.33	44.05
Total Net Costs Before Allocations	19.18	5.38	0.75	9.16	8.25	2.43	45.15
Check	-	-	-	-	-	(0.00)	0.00
Total Net Costs after allocation for RAV	19.18	5.38	0.75	9.16	8.25	2.43	45.15
Costs after allocation of memo items	19.18	5.38	0.75	9.16	8.25	2.43	45.15
Net costs after allocation for RAV	19.2	5.4	0.8	9.2	8.3	2.4	45.1
Less Pension Direct	-1.8	-0.6	0.0	-1.0	0.0	0.0	-3.5
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	17.4	4.8	0.7	8.2	8.2	2.4	41.7
Employer DB pension scheme ongoing contributions	1.59	0.52	0.03	0.83	0.01	-	2.98
Employer DC pension scheme ongoing contributions	0.06	0.04	-	0.07	0.00	-	0.16
Pension scheme administration costs	0.04	0.03	-	0.05	0.00	-	0.12
PPF Levies	0.05	0.01	-	0.01	0.00	-	0.07
Incremental deficit recovery payments	0.06	0.03	-	0.05	0.00	-	0.13
Total pension costs reported, excluding established deficit reco	1.80	0.62	0.03	1.01	0.02	-	3.47
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK

Closely associated Indirects (RAV)

	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy	Closely Associated Indirects
Labour Total	4.45	3.71	16.06	0.57	3.95	1.58	0.62	4.87	0.45	0.13	36.39
Related Part Totals	4.45	3.71	16.06	0.57	3.95	1.58	0.62	4.87	0.45	0.13	36.39
Networks Ltd	4.40	3.67	15.89	0.57	3.95	1.58	0.62	4.87	-	0.12	35.67
Transport	0.05	0.04	0.17	-	-	-	-	-	0.45	0.01	0.72
Pensions	0.84	0.56	2.41	0.16	0.78	0.18	0.14	0.81	0.12	0.01	6.00
Related Part Totals	0.84	0.56	2.41	0.16	0.78	0.18	0.14	0.81	0.12	0.01	6.00
Networks Ltd	0.84	0.56	2.41	0.16	0.78	0.18	0.14	0.81	-	0.01	5.88
Transport	-	-	-	-	-	-	-	-	0.12	-	0.12
Contractors	0.83	1.14	3.64	0.58	0.00	0.63	0.71	0.69	3.09	0.12	11.43
Materials	0.02	0.07	0.40	0.01	0.00	0.06	0.25	0.25	4.02	0.01	5.09
Wayleaves (inc Easements/Servitudes)	-	-	1.96	-	-	-	-	-	-	-	1.96
Rent	-	-	-	-	-	-	-	0.21	-	-	0.21
Subscriptions	0.00	0.00	0.04	0.35	-	0.01	0.07	-	-	0.00	0.48
Related Party Margins	-	-	-	-	-	-	-	-	0.25	-	0.25
Transport	-	-	-	-	-	-	-	-	0.25	-	0.25
Total Gross Costs	6.13	5.47	24.51	1.67	4.73	2.46	1.80	6.83	7.93	0.27	61.80
Total Net Costs Before Allocations	6.13	5.47	24.51	1.67	4.73	2.46	1.80	6.83	7.93	0.27	61.80
DNO Own	-	-	1.96	0.35	-	-	0.10	-	-	-	2.41
Related Party Totals	6.13	5.47	22.55	1.32	4.73	2.46	1.69	6.83	7.93	0.27	59.39
Networks Ltd	6.09	5.43	22.38	1.32	4.73	2.46	1.69	6.83	1.81	0.26	53.00
Transport	0.05	0.04	0.17	-	-	-	-	-	6.12	0.01	6.39
Total Net Costs Before Allocations	6.13	5.47	24.51	1.67	4.73	2.46	1.80	6.83	7.93	0.27	61.80
Allocation of Income relating to closely associated indirects	(0.06)	(0.04)	(0.14)	(0.02)	(0.00)	(0.01)	(0.01)	(0.02)	(0.04)	-	(0.34)
Allocation of Indirects - Labour	(1.17)	(0.50)	(2.38)	(0.14)	(0.00)	(0.12)	(0.09)	(0.40)	-	-	(4.80)
Allocation of Indirects - Pensions	(0.15)	(0.08)	(0.33)	(0.03)	(0.01)	(0.01)	(0.01)	(0.04)	-	-	(0.66)
Allocation of Indirects - Contractors	(0.00)	(0.34)	(0.30)	(0.16)	-	(0.04)	(0.10)	(0.06)	(0.51)	-	(1.50)
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.05)	(0.00)	-	(0.00)	(0.03)	(0.02)	(0.39)	-	(0.50)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.01)	-	-	(0.00)	-	(0.02)	-	-	(0.03)
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	0.00	-	0.00
Indirect Activity Allocations to Connections outside of RAV	(1.32)	(0.93)	(3.07)	(0.33)	(0.01)	(0.17)	(0.23)	(0.54)	(0.89)	-	(7.49)
Allocation of Indirects - Labour	(0.24)	(0.10)	(0.48)	(0.03)	(0.00)	(0.02)	(0.02)	(0.08)	-	(0.00)	(0.97)
Allocation of Indirects - Pensions	(0.03)	(0.02)	(0.07)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	-	(0.00)	(0.13)
Allocation of Indirects - Contractors	(0.00)	(0.07)	(0.06)	(0.03)	-	(0.01)	(0.02)	(0.01)	(0.10)	(0.00)	(0.30)
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.01)	(0.00)	(0.08)	(0.00)	(0.10)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-	(0.00)	(0.01)
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.27)	(0.19)	(0.62)	(0.07)	(0.00)	(0.03)	(0.05)	(0.11)	(0.18)	(0.00)	(1.52)
Total Net Costs after allocation for RAV	4.49	4.31	20.68	1.26	4.72	2.25	1.51	6.16	6.82	0.27	52.45
Memo Connections: Allocation of Indirects - Labour	(0.16)	(0.07)	(0.33)	(0.02)	(0.00)	(0.02)	(0.01)	(0.05)	-	-	(0.66)
Allocation of Indirects - Pensions	(0.02)	(0.01)	(0.05)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-	-	(0.09)
Allocation of Indirects - Contractors	(0.00)	(0.05)	(0.04)	(0.02)	-	(0.01)	(0.01)	(0.01)	(0.07)	-	(0.21)
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.00)	(0.00)	(0.05)	-	(0.07)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-	-	(0.00)
Indirect Activity Allocations to Connections (RAV related)"	(0.18)	(0.13)	(0.42)	(0.05)	(0.00)	(0.02)	(0.03)	(0.07)	(0.12)	-	(1.03)
Memo HVP ex ante: Allocation of Indirects - Labour	-	(0.05)	-	-	-	-	-	-	-	-	(0.05)
Allocation of Indirects - Pensions	-	(0.00)	-	-	-	-	-	-	-	-	(0.00)
Allocation of Indirects - Contractors	-	(0.04)	-	-	-	-	-	-	-	-	(0.04)
Indirect Activity Allocations to High value projects - ex ante	-	(0.09)	-	-	-	-	-	-	-	-	(0.09)
Memo Statutory Non Op Depreciation: DNO Own	-	-	-	-	-	-	-	-	1.12	-	1.12
Related Part Totals	-	-	-	-	-	-	-	-	1.22	-	1.22
Transport	-	-	-	-	-	-	-	-	1.22	-	1.22
Costs after allocation of memo items	4.31	4.08	20.26	1.21	4.72	2.23	1.48	6.08	9.04	0.27	53.68
Net costs after allocation for RAV	4.5	4.3	20.7	1.3	4.7	2.2	1.5	6.2	6.8	0.3	52.4
Less Pension Direct	-0.8	-0.6	-2.4	-0.2	-0.8	-0.2	-0.1	-0.8	-0.1	0.0	-6.0
Less Pension Allocated to excluded services	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.8
Net costs after allocation for RAV excluding pensions	3.8	3.8	18.7	1.1	4.0	2.1	1.4	5.4	6.7	0.3	47.2
Employer DB pension scheme ongoing contributions	0.65	0.42	1.79	0.13	0.62	0.15	0.11	0.66	0.12	(0.01)	4.64
Employer DC pension scheme ongoing contributions	0.07	0.06	0.23	0.01	0.06	0.01	0.01	0.06	-	0.00	0.52
Pension scheme administration costs	0.05	0.04	0.17	0.01	0.04	0.01	0.01	0.04	-	0.00	0.38
PPF Levies	0.02	0.01	0.05	0.00	0.01	0.00	0.00	0.01	-	0.00	0.11
Incremental deficit recovery payments	0.05	0.04	0.16	0.01	0.04	0.01	0.01	0.04	-	0.00	0.35
Total pension costs reported, excluding established deficit reco	0.84	0.56	2.41	0.16	0.78	0.18	0.14	0.81	0.12	0.01	6.00
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Some Columns will be linked to memo

Atypicals, Smart Meters, Business Support, Costs Within Price Control

	Atypicals Non Sev Weather (RAV)	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control
Labour Total	-	0.96			0.96	64.36	0.79	2.63	1.39	1.29	0.29	6.39	-	-	-	70.75
Related Part Totals	-	0.96			0.96	64.36	0.79	2.63	1.39	1.29	0.29	6.39	-	-	-	70.75
Networks Ltd	-	0.96			0.96	63.64	0.79	2.63	1.39	1.29	0.29	6.39	-	-	-	70.03
Transport	-	-			-	0.72	-	-	-	-	-	-	-	-	-	0.72
Pensions	-	0.14			0.14	12.27	0.11	0.48	0.15	0.25	0.04	1.03	-	-	-	13.30
Related Part Totals	-	0.14			0.14	12.27	0.11	0.48	0.15	0.25	0.04	1.03	-	-	-	13.30
Networks Ltd	-	0.14			0.14	12.15	0.11	0.48	0.15	0.25	0.04	1.03	-	-	-	13.18
Transport	-	-			-	0.12	-	-	-	-	-	-	-	-	-	0.12
Contractors	-	-			-	104.92	0.99	1.35	0.53	8.09	2.15	13.11	6.63	-	-	124.67
Materials	-	0.06			0.06	28.26	0.07	0.04	0.24	0.02	0.09	0.45	1.02	-	-	29.73
Wayleaves (inc Easements/Servitudes)	-	-			-	5.31	-	-	-	-	-	-	-	-	-	5.31
Road Charges	-	0.04			0.04	0.33	-	-	-	-	-	-	-	-	-	0.33
Rent	-	-			-	0.21	-	3.19	-	-	2.49	5.68	-	-	-	5.89
Subscriptions	-	0.01			0.01	1.58	0.03	0.27	0.03	0.00	-	0.33	-	-	-	1.92
Related Party Margins	-	-			-	0.26	-	-	-	-	-	-	-	-	-	0.26
EFS	-	-			-	0.00	-	-	-	-	-	-	-	-	-	0.00
Transport	-	-			-	0.25	-	-	-	-	-	-	-	-	-	0.25
Total Gross Costs	-	1.22			1.22	217.50	1.98	7.97	2.33	9.65	5.06	27.00	7.65	-	-	252.14
Customer Contributions						(1.91)										(1.91)
Cost Recoveries						(3.31)		(0.25)				(0.25)				(3.57)
Total Net Costs Before Allocations	-	1.22			1.22	212.27	1.98	7.72	2.33	9.65	5.06	26.74	7.65	-	-	246.66
DNO Own	-	-			-	3.51	-	0.32	-	-	0.07	0.39	-	-	-	3.90
Related Party Totals	-	1.22			1.22	208.76	1.98	7.40	2.33	9.65	4.99	26.35	7.65	-	-	242.76
Networks Ltd	-	1.22			1.22	202.36	1.98	7.40	2.33	9.65	4.99	26.35	6.36	-	-	235.08
Transport	-	-			-	6.39	-	-	-	-	-	-	1.29	-	-	7.68
Total Net Costs Before Allocations	-	1.22			1.22	212.27	1.98	7.72	2.33	9.65	5.06	26.74	7.65	-	-	246.66
Check						0.00										0.00
Allocation of Income relating to non-op capex and Business						0.23	(0.02)	(0.05)	(0.02)	(0.09)	(0.05)	(0.23)				0.00
Allocation of Income relating to closely associated indirects						0.00										0.00
Allocation of Indirects - Labour						(4.80)	(0.13)	(0.45)	(0.19)	(0.18)	(0.05)	(0.99)	(0.00)			(5.79)
Allocation of Indirects - Pensions						(0.66)	(0.01)	(0.05)	(0.01)	(0.02)	(0.00)	(0.10)	0.00			(0.76)
Allocation of Indirects - Contractors						(1.50)	(0.14)	(0.12)	(0.07)	(1.10)	(0.30)	(1.73)	(0.85)			(4.09)
Allocation of Indirects - Materials						(0.50)	(0.01)	(0.01)	(0.05)	(0.00)	(0.02)	(0.08)	(0.52)			(1.11)
Allocation of Indirects - Other						(0.03)	(0.00)	(0.14)	(0.01)	(0.00)	(0.38)	(0.54)				(0.57)
Allocation of Indirects - Related Party Margins						0.00	-	-	-	(0.02)	-	(0.02)				(0.02)
Indirect Activity Allocations to Connections outside of RAV						(7.49)	(0.29)	(0.77)	(0.33)	(1.31)	(0.75)	(3.46)	(1.38)			(12.33)
Allocation of Indirects - Labour						(0.97)	(0.03)	(0.09)	(0.04)	(0.04)	(0.01)	(0.20)	(0.00)			(1.18)
Allocation of Indirects - Pensions						(0.13)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.02)	0.00			(0.15)
Allocation of Indirects - Contractors						(0.30)	(0.03)	(0.02)	(0.01)	(0.22)	(0.06)	(0.35)	(0.13)			(0.79)
Allocation of Indirects - Materials						(0.10)	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.02)	(0.08)			(0.20)
Allocation of Indirects - Other						(0.01)	(0.00)	(0.03)	(0.00)	(0.00)	(0.08)	(0.11)				(0.12)
Allocation of Indirects - Related Party Margins						-	-	-	-	(0.00)	-	(0.00)				(0.00)
Indirect Activity Allocations to Non Distribution (exc Connections)						(1.52)	(0.06)	(0.16)	(0.07)	(0.27)	(0.15)	(0.70)	(0.21)			(2.43)
Total Net Costs after allocation for RAV	-	1.22			1.22	203.49	1.61	6.74	1.90	7.98	4.11	22.34	6.06	-	-	231.90
Memo Connections: Allocation of Indirects - Labour						0.14	(0.02)	(0.06)	(0.03)	(0.02)	(0.01)	(0.14)	(0.00)			0.00
Allocation of Indirects - Pensions						0.01	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	0.00			0.00
Allocation of Indirects - Contractors						0.38	(0.02)	(0.02)	(0.01)	(0.15)	(0.04)	(0.24)	(0.14)			0.00
Allocation of Indirects - Materials						0.10	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.09)			0.00
Allocation of Indirects - Other						0.07	(0.00)	(0.02)	(0.00)	(0.00)	(0.05)	(0.07)				0.00
Allocation of Indirects - Related Party Margins						0.00	-	-	-	(0.00)	-	(0.00)				(0.00)
Indirect Activity Allocations to Connections (RAV related)"						0.70	(0.04)	(0.11)	(0.05)	(0.18)	(0.10)	(0.47)	(0.23)			0.00
Memo Statutory Non Op Depreciation: DNO Own	-	-			-	1.12	-	-	-	3.40	0.35	3.75	0.84	-	-	5.71
Related Part Totals	-	-			-	1.22	-	-	-	-	-	-	-	-	-	1.22
Transport	-	-			-	1.22	-	-	-	-	-	-	-	-	-	1.22
Costs after allocation of memo items	-	1.22			1.22	206.54	1.57	6.64	1.86	11.20	4.35	25.62	6.67	-	-	238.83
Net costs after allocation for RAV	0.0	1.2			1.2	203.5	1.6	6.7	1.9	8.0	4.1	22.3	6.1	0.0	0.0	231.9
Less Pension Direct	0.0	-0.1			-0.1	-12.3	-0.1	-0.5	-0.1	-0.3	0.0	-1.0	0.0	0.0	0.0	-13.3
Less Pension Allocated to excluded services	0.0	0.0			0.0	0.8	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9
Net costs after allocation for RAV excluding pensions	0.0	1.1			1.1	192.0	1.5	6.3	1.8	7.7	4.1	21.4	6.1	0.0	0.0	219.5
Employer DB pension scheme ongoing contributions	-	0.08			0.08	9.93	0.08	0.39	0.12	0.21	0.03	0.83	-	-	-	10.76
Employer DC pension scheme ongoing contributions	-	0.02			0.02	0.87	0.01	0.04	0.01	0.02	0.00	0.08	-	-	-	0.94
Pension scheme administration costs	-	0.02			0.02	0.63	0.01	0.03	0.01	0.01	0.00	0.06	-	-	-	0.69
PPF Levies	-	0.01			0.01	0.23	0.00	0.01	0.00	0.00	0.00	0.02	-	-	-	0.24
Incremental deficit recovery payments	-	0.02			0.02	0.61	0.01	0.02	0.01	0.01	0.00	0.05	-	-	-	0.67
Total pension costs reported, excluding established deficit reco	-	0.14			0.14	12.27	0.11	0.48	0.15	0.25	0.04	1.03	-	-	-	13.30
Check to Pension (row 29)	OK	OK			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Non Price Control, NABC, Total DNO

	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	Total Non Activity Based costs	Total DNO	
Labour Total	3.49	0.17	3.66	0.62	-	4.28	-	-	-	75.02	
Related Part Totals	3.49	0.17	3.66	0.62	-	4.28	-	-	-	75.02	
Networks Ltd	3.49	0.17	3.66	0.62	-	4.28	-	-	-	74.30	
Transport	-	-	-	-	-	-	-	-	-	0.72	
Pensions	0.45	0.03	0.48	0.06	-	0.55	-	-	-	13.84	
Related Part Totals	0.45	0.03	0.48	0.06	-	0.55	-	-	-	13.84	
Networks Ltd	0.45	0.03	0.48	0.06	-	0.55	-	-	-	13.73	
Transport	-	-	-	-	-	-	-	-	-	0.12	
Contractors	10.69	2.61	13.30	2.83	-	16.13				140.79	
Materials	5.71	0.24	5.95	0.66	-	6.61				36.34	
Wayleaves (inc Easements/Servitudes)	0.23	-	0.23	0.01	-	0.24				5.55	
Road Charges	0.18	0.03	0.21	0.02	-	0.23				0.56	
Rent	-	-	-	-	-	-				5.89	
Subscriptions	-	-	-	-	-	-	33.60	28.13	61.73	63.65	
Related Party Margins	-	-	-	0.00	-	0.00				0.26	
Networks Ltd	-	-	-	-	-	-				-	Disallowed
EFS	-	-	-	0.00	-	0.00				0.00	Disallowed
Transport	-	-	-	-	-	-				0.25	Disallowed
Total Gross Costs	20.75	3.07	23.82	4.21	-	28.03	33.60	28.13	61.73	341.90	
Customer Contributions	(33.62)	(4.45)	(38.07)	(2.28)		(40.35)				(42.26)	
Cost Recoveries										(3.57)	
Total Net Costs Before Allocations	(12.87)	(1.39)	(14.25)	1.94	-	(12.32)	33.60	28.13	61.73	296.07	
DNO Own	-	-	-	-	-	-	33.60	28.13	61.73	65.63	
Related Party Totals	(12.87)	(1.39)	(14.25)	1.94	-	(12.32)	-	-	-	230.44	
Networks Ltd	(12.87)	(1.39)	(14.25)	1.36	-	(12.89)	-	-	-	222.19	
EFS	-	-	-	0.58	-	0.58	-	-	-	0.58	
Transport	-	-	-	-	-	-	-	-	-	7.68	
Total Net Costs Before Allocations	(12.87)	(1.39)	(14.25)	1.94	-	(12.32)	33.60	28.13	61.73	296.07	
Check	-	-	-	-	-	-	-	-	-	0.00	
Allocation of Income relating to non-op capex and Business	-	-	-	-	-	-	-	-		0.00	
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-		0.00	
Allocation of Indirects - Labour	5.29	0.50	5.79			5.79				0.00	OK
Allocation of Indirects - Pensions	0.70	0.07	0.76			0.76				0.00	OK
Allocation of Indirects - Contractors	3.71	0.38	4.09			4.09				0.00	OK
Allocation of Indirects - Materials	0.99	0.12	1.11			1.11				0.00	OK
Allocation of Indirects - Other	0.52	0.05	0.57			0.57				0.00	OK
Allocation of Indirects - Related Party Margins	0.02	0.00	0.02			0.02				-	OK
Indirect Activity Allocations to Connections outside of RAV	11.22	1.11	12.33			12.33				0.00	OK
Allocation of Indirects - Labour			-	1.18	-	1.18	-	-	-	-	OK
Allocation of Indirects - Pensions			-	0.15	-	0.15	-	-	-	-	OK
Allocation of Indirects - Contractors			-	0.79	-	0.79	-	-	-	-	OK
Allocation of Indirects - Materials			-	0.20	-	0.20	-	-	-	-	OK
Allocation of Indirects - Other			-	0.12	-	0.12	-	-	-	-	OK
Allocation of Indirects - Related Party Margins			-	0.00	-	0.00	-	-	-	-	OK
Indirect Activity Allocations to Non Distribution (exc Connections)			-	2.43	-	2.43	-	-	-	0.00	OK
Total Net Costs after allocation for RAV	(1.64)	(0.27)	(1.92)	4.37	-	2.45	33.60	28.13	61.73	296.08	
Memo Connections: Allocation of Indirects - Labour										0.00	OK
Allocation of Indirects - Pensions										0.00	OK
Allocation of Indirects - Contractors										0.00	OK
Allocation of Indirects - Materials										0.00	OK
Allocation of Indirects - Other										0.00	OK
Allocation of Indirects - Related Party Margins										(0.00)	OK
Indirect Activity Allocations to Connections (RAV related)"										0.00	OK
Memo Statutory Non Op Depreciation: DNO Own	-	-	-	-	-	-	-	-	-	5.71	
Related Part Totals	-	-	-	-	-	-	-	-	-	1.22	
Transport	-	-	-	-	-	-	-	-	-	1.22	
Costs after allocation of memo items	(1.64)	(0.27)	(1.92)	4.37	-	2.45	33.60	28.13	61.73	303.01	
Net costs after allocation for RAV	-1.6	-0.3	-1.9	4.4	0.0	2.4	33.6	28.1	61.7	296.1	
Less Pension Direct	-0.5	0.0	-0.5	-0.1	0.0	-0.5	0.0	0.0	0.0	-13.8	
Less Pension Allocated to excluded services	-0.7	-0.1	-0.8	-0.2	0.0	-0.9	0.0	0.0	0.0	0.0	
Net costs after allocation for RAV excluding pensions	-2.8	-0.4	-3.2	4.1	0.0	1.0	33.6	28.1	61.7	282.2	
Employer DB pension scheme ongoing contributions	0.39	0.02	0.41	0.04	-	0.45	-	-	-	11.21	
Employer DC pension scheme ongoing contributions	0.03	0.00	0.03	0.01	-	0.04	-	-	-	0.98	
Pension scheme administration costs	0.02	0.00	0.02	0.01	-	0.03	-	-	-	0.71	
PPF Levies	0.01	0.00	0.01	0.00	-	0.01	-	-	-	0.25	
Incremental deficit recovery payments	0.02	0.00	0.02	0.01	-	0.02	-	-	-	0.69	
Total pension costs reported, excluding established deficit reco	0.45	0.03	0.48	0.06	-	0.55	-	-	-	13.84	
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK		OK	OK	

C1: Summary - Cost Matrix C1 - Costs Matrix 2017
SPN
Price base (2012/13)

Columns 1–27: Network Investment Costs (RAV)

	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Exclusing Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmission Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	Total Core Costs	Flooding	BT21CN	Technical losses and ot	High impact Low Probal	Critical National Infrastn	Black Start	Rising Mains and Latera	Undergrounding Within/ Outside designated areas	Worst Served Customers
	Network Investment Costs (RAV)																										
	Connections			Core Costs															Non core							Stand Alone Funding (RAV)	
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																											
Labour Total	-	0.22	0.20	0.24	-	1.47	-	0.14	8.87	0.24	0.90	0.30	0.76	-	0.08	0.26		13.17	0.02	0.29	0.01	-	-	0.03	0.89	-	0.03
DNO Own	-	-	-	-		-		-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
Related Part Totals	-	0.22	0.20	0.24	-	1.47	-	0.14	8.87	0.24	0.90	0.30	0.76	-	0.08	0.26		13.17	0.02	0.29	0.01	-	-	0.03	0.89	-	0.03
Networks Ltd	-	0.22	0.20	0.24		1.47		0.14	8.87	0.24	0.90	0.30	0.76		0.08	0.26		13.17	0.02	0.29	0.01	-	-	0.03	0.89	-	0.03
Contracting																											
EFS																											
Transport																											
Corporate																											
Energy Sourcing & Customer Supply																											
Nuclear Branch																											
London Captive Insurance																											
Development																											
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- none -																											
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Pensions	-	0.03	0.03	0.04	-	0.25	-	0.02	1.91	0.04	0.16	0.05	0.13	-	0.01	0.04		2.66	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01
DNO Own	-	-	-	-		-		-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
Related Part Totals	-	0.03	0.03	0.04	-	0.25	-	0.02	1.91	0.04	0.16	0.05	0.13	-	0.01	0.04		2.66	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01
Networks Ltd	-	0.03	0.03	0.04		0.25		0.02	1.91	0.04	0.16	0.05	0.13		0.01	0.04		2.66	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01
Contracting																											
EFS																											
Transport																											
Corporate																											
Energy Sourcing & Customer Supply																											
Nuclear Branch																											
London Captive Insurance																											
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Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Contractors	-	1.54	0.68	2.64	-	21.42	-	2.62	22.06	1.81	3.71	2.64	5.07	-	0.07	4.52		66.48	0.56	3.67	0.37	-	-	0.69	0.84	1.35	0.03
Materials	-	0.84	0.35	0.81	-	6.99	-	0.82	6.90	0.32	1.32	0.80	0.91	-	0.70	1.42		20.29	0.00	0.33	0.01	-	-	0.00	0.11	0.38	0.28
Wayleaves (inc Easements/Servitudes)	-	0.04	0.01	2.62	-	0.50	-	0.01	0.13	0.02	0.00	-	0.13	-	0.00	0.03		3.43	-	-	-	-	-	-	-	0.00	0.00
Road Charges	-	0.00	0.01	0.00	-	0.05	-	0.00	0.03	0.00	0.00	-	0.00	-	0.00	0.00		0.08	-	-	-	-	-	-	0.00	-	0.00
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	1.72	-	-	-	-	-	-	-	-	-		1.72	-	-	-	-	-	-	-	-	-
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Networks Ltd																											
Contracting																											
EFS																											
Transport																											
Corporate																											
Energy Sourcing & Customer Supply																											
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- none -																											
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Total Gross Costs	-	**2.68**	**1.29**	**6.36**	-	**30.68**	**1.72**	**3.62**	**39.89**	**2.43**	**6.08**	**3.80**	**6.99**	-	**0.86**	**6.27**		**107.83**	**0.58**	**4.35**	**0.39**	-	-	**0.72**	**1.99**	**1.73**	**0.35**
Customer Contributions	-		(1.96)	-	-	-	-	-	-	-	-	-	-	-	-	-		-									
Cost Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	-	**2.68**	**(0.67)**	**6.36**	-	**30.68**	**1.72**	**3.62**	**39.89**	**2.43**	**6.08**	**3.80**	**6.99**	-	**0.86**	**6.27**		**107.83**	**0.58**	**4.35**	**0.39**	-	-	**0.72**	**1.99**	**1.73**	**0.35**
Total Costs by Source:																											
DNO Own	-	-	-	-		-	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
Related Party Totals	-	**2.68**	**(0.67)**	**6.36**	-	**30.68**	**1.72**	**3.62**	**39.89**	**2.43**	**6.08**	**3.80**	**6.99**	-	**0.86**	**6.27**		**107.83**	**0.58**	**4.35**	**0.39**	-	-	**0.72**	**1.99**	**1.73**	**0.35**
Networks Ltd	-	2.68	(0.67)	6.36		30.68	1.72	3.62	39.89	2.43	6.08	3.80	6.99		0.86	6.27		107.83	0.58	4.35	0.39	-	-	0.72	1.99	1.73	0.35
Contracting																											
EFS																											
Transport																											
Corporate																											
Energy Sourcing & Customer Supply																											
Nuclear Branch																											
London Captive Insurance																											
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- none -																											
Total Net Costs Before Allocations	-	2.68	(0.67)	6.36	-	30.68	1.72	3.62	39.89	2.43	6.08	3.80	6.99	-	0.86	6.27		107.83	0.58	4.35	0.39	-	-	0.72	1.99	1.73	0.35
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Allocation of Income relating to non-op capex and Business	-		0.25	-		-		-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
Allocation of Income relating to closely associated indirects	-		0.37	-		-		-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
Allocation of Indirects - Labour																											
Allocation of Indirects - Pensions																											
Allocation of Indirects - Contractors																											
Allocation of Indirects - Materials																											
Allocation of Indirects - Other																											
Allocation of Indirects - Related Party Margins																											
Indirect Activity Allocations to Connections outside of RAV																											
Allocation of Indirects - Labour																											
Allocation of Indirects - Pensions																											
Allocation of Indirects - Contractors																											
Allocation of Indirects - Materials																											
Allocation of Indirects - Other																											
Allocation of Indirects - Related Party Margins																											
Indirect Activity Allocations to Non Distribution (exc Connections)																											
Total Net Costs after allocation for RAV	-	2.68	**(0.05)**	6.36	-	30.68	1.72	3.62	39.89	2.43	6.08	3.80	6.99	-	0.86	6.27		107.83	0.58	4.35	0.39	-	-	0.72	1.99	1.73	0.35
Check: Total allocated to worksheets																											
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																											
Allocation of Indirects - Labour	-	0.56	0.29																								
Allocation of Indirects - Pensions	-	0.07	0.04																								
Allocation of Indirects - Contractors	-	0.42	0.21																								
Allocation of Indirects - Materials	-	0.13	0.06																								
Allocation of Indirects - Other	-	0.05	0.03																								
Allocation of Indirects - Related Party Margins	-	0.00	0.00																								
Indirect Activity Allocations to Connections (RAV related)"	-	1.24	0.62																								
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																											
Allocation of Indirects - Labour		-	-																								
Allocation of Indirects - Pensions		-	-																								
Allocation of Indirects - Contractors		-	-																								
Allocation of Indirects - Materials		-	-																								
Allocation of Indirects - Other		-	-																								
Allocation of Indirects - Related Party Margins		-	-																								
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-																								
Memo: Indirect Activity Allocation to High Value Projects - ex ante																											
Allocation of Indirects - Labour																0.06		0.06									
Allocation of Indirects - Pensions																0.01		0.01									
Allocation of Indirects - Contractors																0.05		0.05									
Allocation of Indirects - Materials																-		-									
Allocation of Indirects - Other																-		-									
Allocation of Indirects - Related Party Margins																-		-									
Indirect Activity Allocations to High value projects - ex ante																0.11		0.11									
Memo: Indirect Activity Allocation to High Value Projects - reopener																											
Allocation of Indirects - Labour																		-									
Allocation of Indirects - Pensions																		-									
Allocation of Indirects - Contractors																		-									
Allocation of Indirects - Materials																		-									
Allocation of Indirects - Other																		-									
Allocation of Indirects - Related Party Margins																		-									
Indirect Activity Allocations to High value projects - reopener																		-									
Memo: Statutory Non Op Depreciation																											
DNO Own	-	-	-	-		-		-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
Related Part Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Networks Ltd																											
Contracting																											
EFS																											
Transport																											
Corporate																											
Energy Sourcing & Customer Supply																											
Nuclear Branch																											
London Captive Insurance																											
Development																											
IT																											
- none -																											
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- none -																											
- none -																											
Memo: Statutory Allocation (of Total Net costs after allocation)																											
Memo: LCN Direct Benefits																										-	-
Costs after allocation of memo items	-	3.92	0.57	6.36	-	30.68	1.72	3.62	39.89	2.43	6.08	3.80	6.99	-	0.86	6.39		107.95	0.58	4.35	0.39	-	-	0.72	1.99	1.73	0.35
Comparison to FBPQ/Allowance																											
Net costs after allocation for RAV	0.0	2.7	-0.1	6.4	0.0	30.7	1.7	3.6	39.9	2.4	6.1	3.8	7.0	0.0	0.9	6.3		107.8	0.6	4.3	0.4	0.0	0.0	0.7	2.0	1.7	0.3
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	-1.9	0.0	-0.2	-0.1	-0.1	0.0	0.0	0.0		-2.7	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	0.0	2.6	-0.1	6.3	0.0	30.4	1.7	3.6	38.0	2.4	5.9	3.7	6.9	0.0	0.9	6.2		105.2	0.6	4.3	0.4	0.0	0.0	0.7	1.8	1.7	0.3
Employer DB pension scheme ongoing contributions	-	0.03	0.01	0.03		0.21	-	0.02	1.68	0.03	0.11	0.04	0.11		0.01	0.01		2.24	0.00	0.02	0.00	-	-	0.00	0.12	-	0.00
Employer DC pension scheme ongoing contributions	-	0.00	0.01	0.00		0.02	-	0.00	0.09	0.01	0.02	0.01	0.01		0.00	0.01		0.16	-	0.01	0.00	-	-	0.00	0.01	-	0.00
Pension scheme administration costs	-	0.00	0.01	0.00		0.01	-	0.00	0.06	0.00	0.01	0.00	0.01		0.00	0.00		0.11	-	0.01	0.00	-	-	0.00	0.01	-	0.00
PPF Levies	-	0.00	0.00	0.00		0.00	-	0.00	0.02	0.00	0.00	0.00	0.00		0.00	0.00		0.04	-	0.00	0.00	-	-	0.00	0.00	-	0.00
Employer DB pension scheme contributions to pension s	-	-	-	-		-	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
Incremental deficit recovery payments	-	0.00	0.01	0.00		0.01	-	0.00	0.06	0.00	0.01	0.00	0.01		0.00	0.01		0.11	-	0.00	0.00	-	-	0.00	0.01	-	0.00
Other pension costs included in the amount reported	-	-	-	-		-	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
Total pension costs reported, excluding established deficit reco	-	0.03	0.03	0.04	-	0.25	-	0.02	1.91	0.04	0.16	0.05	0.13	-	0.01	0.04		2.66	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Columns 28–52: Total Network Investment Costs; Network Operating Costs (RAV); Closely associated Indirects (RAV); Atypicals Non Sev Weather (RAV); Smart Meters

	Total Network Investment Costs	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	Network Operating Costs	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy	Closely Associated Indirects	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs
		Network Operating Costs (RAV)							Closely associated Indirects (RAV)											Atypicals Non Sev Weather (RAV)	Smart Meters				
		Network Operating Costs							Closely associated Indirects											Atypicals Non Sev Weather	Smart Meters				
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m
Cost Type																									
Labour Total	14.87	7.70	2.22	0.25	3.81	0.10	-	14.08	4.35	3.62	15.70	0.57	3.95	1.58	0.62	4.27	0.45	0.13	35.25	-	1.59			1.59	65.79
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Related Part Totals	14.87	7.70	2.22	0.25	3.81	0.10	-	14.08	4.35	3.62	15.70	0.57	3.95	1.58	0.62	4.27	0.45	0.13	35.25	-	1.59			1.59	65.79
Networks Ltd	14.87	7.70	2.22	0.25	3.81	0.10	-	14.08	4.30	3.59	15.53	0.57	3.95	1.58	0.62	4.27	-	0.12	34.54	-	1.59			1.59	65.08
Contracting																									
EFS																									
Transport	-	-	-	-	-	-	-	-	0.05	0.04	0.17	-	-	-	-	-	0.45	0.01	0.71	-	-			-	0.71
Corporate																									
Energy Sourcing & Customer Supply																									
Nuclear Branch																									
London Captive Insurance																									
Development																									
IT																									
- none -																									
- none -																									
- none -																									
- none -																									
- none -																									
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Pensions	2.94	1.70	0.54	0.03	0.95	0.02	-	3.24	0.84	0.56	2.31	0.15	0.78	0.17	0.13	0.68	0.11	0.01	5.74	-	0.24			0.24	12.16
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Related Part Totals	2.94	1.70	0.54	0.03	0.95	0.02	-	3.24	0.84	0.56	2.31	0.15	0.78	0.17	0.13	0.68	0.11	0.01	5.74	-	0.24			0.24	12.16
Networks Ltd	2.94	1.70	0.54	0.03	0.95	0.02	-	3.24	0.84	0.56	2.31	0.15	0.78	0.17	0.13	0.68	-	0.01	5.63	-	0.24			0.24	12.05
Contracting																									
EFS																									
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	-	0.11	-	-			-	0.11
Corporate																									
Energy Sourcing & Customer Supply																									
Nuclear Branch																									
London Captive Insurance																									
Development																									
IT																									
- none -																									
- none -																									
- none -																									
- none -																									
- none -																									
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Contractors	76.20	10.46	1.98	0.41	3.09	8.14	1.33	25.41	0.78	1.24	3.91	0.60	0.00	0.05	0.71	0.61	3.09	0.12	11.10	-				-	112.72
Materials	22.60	2.42	0.10	0.07	1.25	0.01	-	3.85	0.02	0.07	0.39	0.01	0.00	0.06	0.25	0.22	4.02	0.01	5.05		0.12			0.12	31.61
Wayleaves (inc Easements/Servitudes)	3.48	0.01	0.00	-	0.00	-	-	0.01	-	-	1.92	-	-	-	-	-	-	-	1.92		-			-	5.41
Road Charges	0.10	0.11	0.08	-	0.01	0.00	-	0.20	-	-	-	-	-	-	-	-	-	-	-		0.08			0.08	0.37
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	-	-	0.18		-			-	0.18
Subscriptions	1.72	-	-	-	-	-	1.10	1.10	0.00	0.00	0.04	0.35	-	0.01	0.07	-	-	0.00	0.48		0.03			0.03	3.32
Related Party Margins	-	-	-	-	0.00	-	-	0.00	-	-	-	-	-	-	-	-	0.25	-	0.25	-	-			-	0.26
Networks Ltd																									
Contracting																									
EFS	-	-	-	-	0.00	-	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-			-	0.00
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25	-	0.25	-	-			-	0.25
Corporate																									
Energy Sourcing & Customer Supply																									
Nuclear Branch																									
London Captive Insurance																									
Development																									
IT																									
- none -																									
- none -																									
- none -																									
- none -																									
- none -																									
Check	-	-	-	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Total Gross Costs	121.91	**22.41**	**4.92**	**0.75**	**9.12**	**8.26**	**2.43**	**47.89**	**5.98**	**5.49**	**24.27**	**1.69**	**4.73**	**1.87**	**1.79**	**5.96**	**7.92**	**0.27**	**59.97**	-	**2.05**			**2.05**	231.81
Customer Contributions	(1.96)																								(1.96)
Cost Recoveries	-	(3.31)	-	-	-	-	-	(3.31)	-	-	-	-	-	-	-	-	-	-	-	-	-			-	(3.31)
Total Net Costs Before Allocations	119.95	**19.09**	**4.92**	**0.75**	**9.12**	**8.26**	**2.43**	**44.57**	**5.98**	**5.49**	**24.27**	**1.69**	**4.73**	**1.87**	**1.79**	**5.96**	**7.92**	**0.27**	**59.97**	-	**2.05**			**2.05**	226.54
Total Costs by Source:																									
DNO Own	-	-	-	-	-	-	1.10	1.10	-	-	1.92	0.35	-	-	0.10	-	-	-	2.37	-	-			-	3.47
Related Party Totals	119.95	**19.09**	**4.92**	**0.75**	**9.12**	**8.26**	**1.33**	**43.48**	**5.98**	**5.49**	**22.35**	**1.33**	**4.73**	**1.87**	**1.68**	**5.96**	**7.92**	**0.27**	**57.60**	-	**2.05**			**2.05**	223.07
Networks Ltd	119.95	19.09	4.92	0.75	9.12	8.26	1.33	43.48	5.94	5.45	22.18	1.33	4.73	1.87	1.68	5.96	1.81	0.26	51.22	-	2.05			2.05	216.69
Contracting																									
EFS																									
Transport	-	-	-	-	-	-	-	-	0.05	0.04	0.17	-	-	-	-	-	6.12	0.01	6.38	-	-			-	6.38
Corporate																									
Energy Sourcing & Customer Supply																									
Nuclear Branch																									
London Captive Insurance																									
Development																									
IT																									
- none -																									
- none -																									
- none -																									
- none -																									
- none -																									
Total Net Costs Before Allocations	119.95	19.09	4.92	0.75	9.12	8.26	2.43	44.57	5.98	5.49	24.27	1.69	4.73	1.87	1.79	5.96	7.92	0.27	59.97	-	2.05			2.05	226.54
Check	-	-	-	-	-	-	(0.00)	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-				0.00
Allocation of Income relating to non-op capex and Business	0.25	-	-	-	-	-	-	-																	0.25
Allocation of Income relating to closely associated indirects	0.37	-	-	-	-	-	-	-	(0.06)	(0.05)	(0.15)	(0.02)	(0.00)	(0.01)	(0.01)	(0.03)	(0.04)	(0.00)	(0.37)						(0.00)
Allocation of Indirects - Labour									(1.21)	(0.53)	(2.48)	(0.15)	(0.00)	(0.12)	(0.09)	(0.42)	-	(0.00)	(5.01)						(5.01)
Allocation of Indirects - Pensions									(0.15)	(0.08)	(0.35)	(0.03)	(0.01)	(0.01)	(0.01)	(0.05)	-	(0.00)	(0.69)						(0.69)
Allocation of Indirects - Contractors									(0.00)	(0.36)	(0.31)	(0.17)	-	(0.04)	(0.10)	(0.06)	(0.54)	(0.00)	(1.58)						(1.58)
Allocation of Indirects - Materials									(0.00)	(0.01)	(0.05)	(0.00)	-	(0.00)	(0.03)	(0.02)	(0.41)	(0.00)	(0.53)						(0.53)
Allocation of Indirects - Other									(0.00)	(0.00)	(0.01)	-	-	(0.00)	-	(0.03)	-	(0.00)	(0.03)						(0.03)
Allocation of Indirects - Related Party Margins									-	-	-	-	-	-	-	-	0.00	-	0.00						0.00
Indirect Activity Allocations to Connections outside of RAV									(1.37)	(0.97)	(3.19)	(0.35)	(0.01)	(0.18)	(0.24)	(0.58)	(0.95)	(0.00)	(7.85)						(7.85)
Allocation of Indirects - Labour									(0.14)	(0.06)	(0.29)	(0.02)	(0.00)	(0.01)	(0.01)	(0.05)	-	(0.00)	(0.59)						(0.59)
Allocation of Indirects - Pensions									(0.02)	(0.01)	(0.04)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-	(0.00)	(0.08)						(0.08)
Allocation of Indirects - Contractors									(0.00)	(0.04)	(0.04)	(0.02)	-	(0.00)	(0.01)	(0.01)	(0.06)	(0.00)	(0.19)						(0.19)
Allocation of Indirects - Materials									(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.00)	(0.00)	(0.05)	(0.00)	(0.06)						(0.06)
Allocation of Indirects - Other									(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-	(0.00)	(0.00)						(0.00)
Allocation of Indirects - Related Party Margins									-	-	-	-	-	-	-	-	-	-	-						-
Indirect Activity Allocations to Non Distribution (exc Connections)									(0.16)	(0.11)	(0.38)	(0.04)	(0.00)	(0.02)	(0.03)	(0.07)	(0.11)	(0.00)	(0.92)						(0.92)
Total Net Costs after allocation for RAV	120.57	19.09	4.92	0.75	9.12	8.26	2.43	44.57	4.38	4.36	20.55	1.28	4.72	1.66	1.51	5.29	6.82	0.26	50.83	-	2.05			2.05	218.01
Check: Total allocated to worksheets																									
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																									
Allocation of Indirects - Labour	0.84								(0.17)	(0.07)	(0.35)	(0.02)	(0.00)	(0.02)	(0.01)	(0.06)	-	(0.00)	(0.71)						0.14
Allocation of Indirects - Pensions	0.11								(0.02)	(0.01)	(0.05)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-	(0.00)	(0.10)						0.01
Allocation of Indirects - Contractors	0.63								(0.00)	(0.05)	(0.04)	(0.02)	-	(0.01)	(0.01)	(0.01)	(0.08)	(0.00)	(0.22)						0.41
Allocation of Indirects - Materials	0.19								(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.00)	(0.00)	(0.06)	(0.00)	(0.07)						0.12
Allocation of Indirects - Other	0.08								(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-	(0.00)	(0.00)						0.08
Allocation of Indirects - Related Party Margins	0.00								-	-	-	-	-	-	-	-	-	-	-						0.00
Indirect Activity Allocations to Connections (RAV related)"	1.86								(0.19)	(0.14)	(0.45)	(0.05)	(0.00)	(0.03)	(0.03)	(0.08)	(0.13)	(0.00)	(1.10)						0.76
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																									
Allocation of Indirects - Labour									-	-	-	-	-	-	-	-	-	-	-						-
Allocation of Indirects - Pensions									-	-	-	-	-	-	-	-	-	-	-						-
Allocation of Indirects - Contractors									-	-	-	-	-	-	-	-	-	-	-						-
Allocation of Indirects - Materials									-	-	-	-	-	-	-	-	-	-	-						-
Allocation of Indirects - Other									-	-	-	-	-	-	-	-	-	-	-						-
Allocation of Indirects - Related Party Margins									-	-	-	-	-	-	-	-	-	-	-						-
Indirect Activity Allocations to Part Funded Connections (RAV related)									-	-	-	-	-	-	-	-	-	-	-						-
Memo: Indirect Activity Allocation to High Value Projects - ex ante																									
Allocation of Indirects - Labour									-	(0.06)	-	-	-	-	-	-	-	-	(0.06)						
Allocation of Indirects - Pensions									-	(0.01)	-	-	-	-	-	-	-	-	(0.01)						
Allocation of Indirects - Contractors									-	(0.05)	-	-	-	-	-	-	-	-	(0.05)						
Allocation of Indirects - Materials									-	-	-	-	-	-	-	-	-	-	-						
Allocation of Indirects - Other									-	-	-	-	-	-	-	-	-	-	-						
Allocation of Indirects - Related Party Margins									-	-	-	-	-	-	-	-	-	-	-						
Indirect Activity Allocations to High value projects - ex ante									-	(0.11)	-	-	-	-	-	-	-	-	(0.11)						
Memo: Indirect Activity Allocation to High Value Projects - reopener																									
Allocation of Indirects - Labour									-	-	-	-	-	-	-	-	-	-	-						
Allocation of Indirects - Pensions									-	-	-	-	-	-	-	-	-	-	-						
Allocation of Indirects - Contractors									-	-	-	-	-	-	-	-	-	-	-						
Allocation of Indirects - Materials									-	-	-	-	-	-	-	-	-	-	-						
Allocation of Indirects - Other									-	-	-	-	-	-	-	-	-	-	-						
Allocation of Indirects - Related Party Margins									-	-	-	-	-	-	-	-	-	-	-						
Indirect Activity Allocations to High value projects - reopener									-	-	-	-	-	-	-	-	-	-	-						
Memo: Statutory Non Op Depreciation																									
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.15	-	1.15	-	-			-	1.15
Related Part Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.25**	-	**1.25**	-	-			-	1.25
Networks Ltd																									
Contracting																									
EFS																									
Transport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.25	-	1.25	-	-			-	1.25
Corporate																									
Energy Sourcing & Customer Supply																									
Nuclear Branch																									
London Captive Insurance																									
Development																									
IT																									
- none -																									
- none -																									
- none -																									
- none -																									
- none -																									
Memo: Statutory Allocation (of Total Net costs after allocation)	-							-											-						-
Memo: LCN Direct Benefits	-																								-
Costs after allocation of memo items	122.54	19.09	4.92	0.75	9.12	8.26	2.43	44.57	4.19	4.11	20.10	1.23	4.72	1.64	1.47	5.21	9.08	0.26	52.01	-	2.05			2.05	221.17
Comparison to FBPQ/Allowance (Some Columns will be linked to memo)																									
Net costs after allocation for RAV	120.6	19.1	4.9	0.8	9.1	8.3	2.4	44.6	4.4	4.4	20.5	1.3	4.7	1.7	1.5	5.3	6.8	0.3	50.8	0.0	2.0			2.0	218.0
Less Pension Direct	-2.9	-1.7	-0.5	0.0	-1.0	0.0	0.0	-3.2	-0.8	-0.6	-2.3	-0.1	-0.8	-0.2	-0.1	-0.7	-0.1	0.0	-5.7	0.0	-0.2			-0.2	-12.2
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.8	0.0	0.0			0.0	0.8
Net costs after allocation for RAV excluding pensions	117.6	17.4	4.4	0.7	8.2	8.2	2.4	41.3	3.7	3.9	18.6	1.2	4.0	1.5	1.4	4.7	6.7	0.3	45.9	0.0	1.8			1.8	206.6
Employer DB pension scheme ongoing contributions (Some Columns will be linked to memo)	2.44	1.49	0.44	0.03	0.77	0.01	-	2.74	0.66	0.42	1.71	0.12	0.62	0.14	0.11	0.54	0.09	(0.01)	4.40	-	0.15			0.15	9.73
Employer DC pension scheme ongoing contributions	0.20	0.06	0.04	-	0.07	0.00	-	0.17	0.07	0.06	0.24	0.01	0.06	0.01	0.01	0.05	0.01	0.00	0.53	-	0.03			0.03	0.94
Pension scheme administration costs	0.14	0.04	0.03	-	0.05	0.00	-	0.12	0.05	0.04	0.16	0.01	0.04	0.01	0.01	0.04	0.01	0.00	0.36	-	0.02			0.02	0.64
PPF Levies	0.04	0.05	0.01	-	0.01	0.00	-	0.07	0.01	0.01	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.11	-	0.01			0.01	0.23
Employer DB pension scheme contributions to pension s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Incremental deficit recovery payments	0.13	0.06	0.02	-	0.05	0.00	-	0.13	0.05	0.04	0.15	0.01	0.04	0.01	0.01	0.03	0.01	0.00	0.34	-	0.02			0.02	0.62
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
Total pension costs reported, excluding established deficit reco	2.94	1.70	0.54	0.03	0.95	0.02	-	3.24	0.84	0.56	2.31	0.15	0.78	0.17	0.13	0.68	0.11	0.01	5.74	-	0.24			0.24	12.16
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	OK

Columns 53–76: Business Support; Costs Within Price Control; Non Price Control; NABC; Total DNO

	Blank (inserted for consistency with ED1)	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Blank column added to maintain consistency	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO	
		Business Support						Non Op Capex	Atypicals Non Sev Weather	Stand Alone Funding (not RAV)	Costs Within Price Control	Non Price Control: Connections outside of RAV				Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC				Total DNO	
		£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m		£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	
Cost Type																								
Labour Total		0.78	2.60	1.37	1.27	0.29	6.30	-	-	-	72.10	3.48	0.16		3.64	0.54	-	4.18	-	-		-	76.28	
DNO Own		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-		-	-	
Related Part Totals		0.78	2.60	1.37	1.27	0.29	6.30	-	-	-	72.10	3.48	0.16		3.64	0.54	-	4.18	-	-		-	76.28	
Networks Ltd		0.78	2.60	1.37	1.27	0.29	6.30	-	-	-	71.38	3.48	0.16		3.64	0.54	-	4.18	-	-		-	75.56	
Contracting																								
EFS																								
Transport		-	-	-	-	-	-	-	-	-	0.71	-	-		-	-	-	-	-	-		-	0.71	
Corporate																								
Energy Sourcing & Customer Supply																								
Nuclear Branch																								
London Captive Insurance																								
Development																								
IT																								
- none -																								
- none -																								
- none -																								
- none -																								
- none -																								
Check		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Pensions		0.10	0.48	0.14	0.24	0.03	0.99	-	-	-	13.16	0.45	0.03		0.48	0.06	-	0.54	-	-		-	13.70	
DNO Own		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-		-	-	
Related Part Totals		0.10	0.48	0.14	0.24	0.03	0.99	-	-	-	13.16	0.45	0.03		0.48	0.06	-	0.54	-	-		-	13.70	
Networks Ltd		0.10	0.48	0.14	0.24	0.03	0.99	-	-	-	13.05	0.45	0.03		0.48	0.06	-	0.54	-	-		-	13.59	
Contracting																								
EFS																								
Transport		-	-	-	-	-	-	-	-	-	0.11	-	-		-	-	-	-	-	-		-	0.11	
Corporate																								
Energy Sourcing & Customer Supply																								
Nuclear Branch																								
London Captive Insurance																								
Development																								
IT																								
- none -																								
- none -																								
- none -																								
- none -																								
- none -																								
Check		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-		-	-	
Contractors		0.98	1.33	0.52	8.02	2.05	12.91	10.80	-	-	136.42	10.66	2.48		13.14	2.09	-	15.23					151.66	
Materials		0.07	0.04	0.23	0.02	0.09	0.44	1.59		-	33.64	5.69	0.23		5.91	0.45	-	6.37					40.00	
Wayleaves (inc Easements/Servitudes)										-	5.41	0.22	-		0.22	0.01	-	0.24					5.64	
Road Charges										-	0.37	0.18	0.02		0.20	0.01	-	0.22					0.59	
Rent		-	3.15	-	-	2.37	5.53	-		-	5.71	-	-				-						5.71	
Subscriptions		0.03	0.27	0.03	0.00		0.33			-	3.65	-	-				-		34.13	28.13		62.26	65.91	
Related Party Margins		-	-	-	-	-	-	-	-	-	0.26	-	-		-	0.00	-	0.00				-	0.26	
Networks Ltd											-					-		-					-	Disallowed
Contracting											-					-		-					-	-
EFS		-	-	-	-	-	-	-	-	-	0.00	-	-		-	0.00	-	0.00				-	0.00	Disallowed
Transport		-	-	-	-	-	-	-	-	-	0.25	-	-		-	-	-	-				-	0.25	Disallowed
Corporate																							-	-
Energy Sourcing & Customer Supply																							-	-
Nuclear Branch																							-	-
London Captive Insurance																							-	-
Development																							-	-
IT																							-	-
- none -																							-	-
- none -																							-	-
- none -																							-	-
- none -																							-	-
- none -																							-	-
Check		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-		-	-	
Total Gross Costs		**1.95**	**7.88**	**2.29**	**9.55**	**4.84**	**26.51**	**12.38**	-	-	**270.70**	**20.68**	**2.92**		**23.60**	**3.18**	-	**26.78**	**34.13**	**28.13**		**62.26**	**359.74**	
Customer Contributions											**(1.96)**	(33.96)	(4.32)		(38.27)	(0.43)		**(38.71)**					**(40.67)**	
Cost Recoveries		-	(0.25)	-	-	-	(0.25)				**(3.56)**	-	-		-	-		-					**(3.56)**	
Total Net Costs Before Allocations		**1.95**	**7.63**	**2.29**	**9.55**	**4.84**	**26.26**	**12.38**	-	-	**265.18**	**(13.28)**	**(1.39)**		(14.67)	**2.75**	-	**(11.93)**	**34.13**	**28.13**		**62.26**	**315.51**	
Total Costs by Source:																								
DNO Own		-	0.32	-	-	0.07	0.39	-	-	-	3.86	-	-		-	-	-	-	34.13	28.13		62.26	66.12	
Related Party Totals		**1.95**	**7.31**	**2.29**	**9.55**	**4.77**	**25.87**	**12.38**	-	-	**261.32**	**(13.28)**	**(1.39)**		(14.67)	**2.75**	-	**(11.93)**	-	-		-	**249.40**	
Networks Ltd		1.95	7.31	2.29	9.55	4.77	25.87	11.03	-	-	**253.59**	(13.28)	(1.39)		(14.67)	2.17	-	**(12.50)**	-	-		-	**241.08**	
Contracting																								
EFS		-	-	-	-	-	-	-	-	-	-	-	-		-	0.58	-	**0.58**	-	-		-	**0.58**	
Transport		-	-	-	-	-	-	1.35	-	-	**7.74**	-	-		-	-	-	-	-	-		-	**7.74**	
Corporate																								
Energy Sourcing & Customer Supply																								
Nuclear Branch																								
London Captive Insurance																								
Development																								
IT																								
- none -																								
- none -																								
- none -																								
- none -																								
- none -																								
Total Net Costs Before Allocations		1.95	7.63	2.29	9.55	4.84	26.26	12.38	-	-	**265.18**	(13.28)	(1.39)		(14.67)	2.75	-	**(11.93)**	34.13	28.13		62.26	**315.51**	
Check		-	-	-	-	-	-	-	-	-	0.00	-	-		-	-	-	-	-	-		-	0.00	
Allocation of Income relating to non-op capex and Business		(0.02)	(0.06)	(0.02)	(0.10)	(0.05)	(0.25)	-			**0.00**												**0.00**	
Allocation of Income relating to closely associated indirects											**(0.00)**												**(0.00)**	
Allocation of Indirects - Labour		(0.13)	(0.45)	(0.19)	(0.17)	(0.05)	(0.98)	(0.00)			**(6.00)**	5.48	0.52		6.00			**6.00**					**(0.00)**	OK
Allocation of Indirects - Pensions		(0.01)	(0.05)	(0.01)	(0.02)	(0.00)	(0.10)	0.00			**(0.79)**	0.72	0.07		0.79			**0.79**					-	OK
Allocation of Indirects - Contractors		(0.14)	(0.12)	(0.07)	(1.10)	(0.30)	(1.72)	(1.00)			**(4.31)**	3.91	0.39		4.31			**4.31**					**(0.00)**	OK
Allocation of Indirects - Materials		(0.01)	(0.01)	(0.05)	(0.00)	(0.02)	(0.08)	(0.62)			**(1.23)**	1.11	0.12		1.23			**1.23**					**(0.00)**	OK
Allocation of Indirects - Other		(0.00)	(0.14)	(0.00)	(0.00)	(0.38)	(0.53)	-			**(0.57)**	0.52	0.05		0.57			**0.57**					**0.00**	OK
Allocation of Indirects - Related Party Margins		-	-	-	(0.02)	-	(0.02)	-			**(0.02)**	0.02	0.00		0.02			**0.02**					-	OK
Indirect Activity Allocations to Connections outside of RAV		(0.29)	(0.76)	(0.33)	(1.31)	(0.75)	(3.44)	(1.62)			**(12.91)**	11.76	1.15		12.91			**12.91**					**0.00**	OK
Allocation of Indirects - Labour		(0.01)	(0.05)	(0.02)	(0.02)	(0.01)	(0.12)	(0.00)		-	**(0.71)**				-	0.71	-	**0.71**	-	-		-	-	OK
Allocation of Indirects - Pensions		(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	0.00		-	**(0.09)**				-	0.09	-	**0.09**	-	-		-	-	OK
Allocation of Indirects - Contractors		(0.02)	(0.01)	(0.01)	(0.13)	(0.04)	(0.20)	(0.10)		-	**(0.49)**				-	0.49	-	**0.49**	-	-		-	-	OK
Allocation of Indirects - Materials		(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.06)		-	**(0.13)**				-	0.13	-	**0.13**	-	-		-	-	OK
Allocation of Indirects - Other		(0.00)	(0.02)	(0.00)	(0.00)	(0.04)	(0.06)	-		-	**(0.07)**				-	0.07	-	**0.07**	-	-		-	-	OK
Allocation of Indirects - Related Party Margins		-	-	-	(0.00)	-	(0.00)	-		-	**(0.00)**				-	0.00	-	**0.00**	-	-		-	-	OK
Indirect Activity Allocations to Non Distribution (exc Connections)		(0.03)	(0.09)	(0.04)	(0.15)	(0.09)	(0.40)	(0.16)		-	**(1.49)**				-	1.49	-	**1.49**	-	-		-	**0.00**	OK
Total Net Costs after allocation for RAV		1.60	6.72	1.90	8.00	3.95	22.16	10.60	-	-	**250.78**	(1.52)	(0.25)		(1.76)	4.24	-	**2.48**	34.13	28.13		62.26	**315.51**	
Check: Total allocated to worksheets											-													
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour		(0.02)	(0.06)	(0.03)	(0.02)	(0.01)	(0.14)	(0.00)			**0.00**												**0.00**	OK
Allocation of Indirects - Pensions		(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	0.00			**0.00**												**0.00**	OK
Allocation of Indirects - Contractors		(0.02)	(0.02)	(0.01)	(0.15)	(0.04)	(0.24)	(0.17)			**0.00**												**0.00**	OK
Allocation of Indirects - Materials		(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.10)			**0.00**												**0.00**	OK
Allocation of Indirects - Other		(0.00)	(0.02)	(0.00)	(0.00)	(0.05)	(0.08)	-			**0.00**												**0.00**	OK
Allocation of Indirects - Related Party Margins		-	-	-	(0.00)	-	(0.00)	-			**(0.00)**												**(0.00)**	OK
Indirect Activity Allocations to Connections (RAV related)"		(0.04)	(0.11)	(0.05)	(0.18)	(0.11)	(0.48)	(0.27)			**0.00**												**0.00**	OK
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																								
Allocation of Indirects - Labour		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Pensions		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Contractors		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Materials		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Other		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Related Party Margins		-	-	-	-	-	-	-			-												-	OK
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-	-	-	-	-	-			-												-	OK
Memo: Indirect Activity Allocation to High Value Projects - ex ante																								
Allocation of Indirects - Labour											-													OK
Allocation of Indirects - Pensions											-													OK
Allocation of Indirects - Contractors											-													OK
Allocation of Indirects - Materials											-													OK
Allocation of Indirects - Other											-													OK
Allocation of Indirects - Related Party Margins											-													OK
Indirect Activity Allocations to High value projects - ex ante											-													OK
Memo: Indirect Activity Allocation to High Value Projects - reopener																								
Allocation of Indirects - Labour											-													OK
Allocation of Indirects - Pensions											-													OK
Allocation of Indirects - Contractors											-													OK
Allocation of Indirects - Materials											-													OK
Allocation of Indirects - Other											-													OK
Allocation of Indirects - Related Party Margins											-													OK
Indirect Activity Allocations to High value projects - reopener											-													OK
Memo: Statutory Non Op Depreciation																								
DNO Own		-	-	-	4.31	0.35	4.66	0.99	-	-	**6.80**	-	-		-	-	-	-	-	-		-	**6.80**	
Related Part Totals		-	-	-	-	-	-	-	-	-	**1.25**	-	-		-	-	-	-	-	-		-	**1.25**	
Networks Ltd																								
Contracting																								
EFS																								
Transport		-	-	-	-	-	-	-	-	-	**1.25**	-	-		-	-	-	-	-	-		-	**1.25**	
Corporate																								
Energy Sourcing & Customer Supply																								
Nuclear Branch																								
London Captive Insurance																								
Development																								
IT																								
- none -																								
- none -																								
- none -																								
- none -																								
- none -																								
Memo: Statutory Allocation (of Total Net costs after allocation)							-																-	
Memo: LCN Direct Benefits							-												-	-			-	
Costs after allocation of memo items		1.56	6.61	1.85	12.12	4.20	26.34	11.32	-	-	258.83	(1.52)	(0.25)		(1.76)	4.24	-	2.48	34.13	28.13		62.26	323.57	
Comparison to FBPQ/Allowance																								
Net costs after allocation for RAV		1.6	6.7	1.9	8.0	4.0	22.2	10.6	0.0	0.0	250.8	-1.5	-0.2		-1.8	4.2	0.0	2.5	34.1	28.1		62.3	315.5	
Less Pension Direct		-0.1	-0.5	-0.1	-0.2	0.0	-1.0	0.0	0.0	0.0	-13.2	-0.5	0.0		-0.5	-0.1	0.0	-0.5	0.0	0.0		0.0	-13.7	
Less Pension Allocated to excluded services		0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9	-0.7	-0.1		-0.8	-0.1	0.0	-0.9	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions		1.5	6.3	1.8	7.8	3.9	21.3	10.6	0.0	0.0	238.5	-2.7	-0.3		-3.0	4.1	0.0	1.1	34.1	28.1		62.3	301.8	
Employer DB pension scheme ongoing contributions		0.08	0.39	0.11	0.19	0.03	0.80		-	-	**10.53**	0.38	0.02		0.40	0.04	-	**0.44**	-	-		-	**10.97**	
Employer DC pension scheme ongoing contributions		0.01	0.04	0.01	0.02	0.00	0.08		-	-	**1.02**	0.03	0.00		0.03	0.01	-	**0.04**	-	-		-	**1.06**	
Pension scheme administration costs		0.01	0.02	0.01	0.01	0.00	0.05		-	-	**0.69**	0.02	0.00		0.02	0.01	-	**0.03**	-	-		-	**0.72**	
PPF Levies		0.00	0.01	0.00	0.00	0.00	0.02		-	-	**0.25**	0.01	0.00		0.01	0.00	-	**0.01**	-	-		-	**0.25**	
Employer DB pension scheme contributions to pension s									-	-	-	-	-		-	-	-	-	-	-		-	-	
Incremental deficit recovery payments		0.01	0.02	0.01	0.01	0.00	0.05		-	-	**0.67**	0.02	0.00		0.02	0.01	-	**0.02**	-	-		-	**0.70**	
Other pension costs included in the amount reported									-	-	-	-	-		-	-	-	-	-	-		-	-	
Total pension costs reported, excluding established deficit reco		0.10	0.48	0.14	0.24	0.03	0.99	-	-	-	**13.16**	0.45	0.03		0.48	0.06	-	**0.54**	-	-		-	**13.70**	
Check to Pension (row 29)		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK	OK	OK	OK			OK	OK	

C1: Summary - Cost Matrix C1 - Costs Matrix 2018
SPN
Price base (2012/13)

	Network Investment Costs (RAV)																											Network Operating Costs (RAV)							Closely associated Indirects (RAV)											Atypicals Non Sev Weather (RAV)	Smart Meters															Costs Within Price Control	Non Price Control						Costs outside Price Control	NABC				Total DNO	
	Connections			Core Costs															Non core							Stand Alone Funding (RAV)			Network Operating Costs							Closely associated Indirects											Atypicals Non Sev Weather	Smart Meters					Business Support							Non Op Capex	Atypicals Non Sev Weather	Stand Alone Funding (not RAV)	Costs Within Price Control	Connections outside of RAV				Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC				Total DNO	
	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmission Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	Total Core Costs	Flooding	BT21CN	Technical losses and ot	High impact Low Probal	Critical National Infrastn	Black Start	Rising Mains and Latera	Undergrounding Within/ Outside designated areas	Worst Served Customers	Total Network Investment Costs	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	Network Operating Costs	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy	Closely Associated Indirects	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs	Blank (inserted for consistency with ED1)	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control	Excl services Element of connection that is Sole Use funded	Excl services Connection projects; UMC; DPCR5	Blank column added to maintain consistency	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO	
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	
Cost Type																																																																												
Labour Total	-	0.22	0.20	0.24	-	1.44	-	0.13	8.45	0.28	0.87	0.34	0.45	-	0.08	0.26		12.47	0.02	0.29	0.01	-	-	0.03	0.89	-	0.03	14.16	7.65	2.15	0.25	3.80	0.10	-	13.94	4.25	3.54	15.34	0.57	3.95	1.58	0.62	3.43	0.45	0.13	33.87	-	2.04			2.04	64.01		0.77	2.57	1.35	1.25	0.27	6.22	-	-	-	70.22	3.47	0.15		3.63	0.54	-	4.16	-	-		-	74.39	
DNO Own																																																																											
Related Part Totals	-	0.22	0.20	0.24	-	1.44	-	0.13	8.45	0.28	0.87	0.34	0.45	-	0.08	0.26		12.47	0.02	0.29	0.01	-	-	0.03	0.89	-	0.03	14.16	7.65	2.15	0.25	3.80	0.10	-	13.94	4.25	3.54	15.34	0.57	3.95	1.58	0.62	3.43	0.45	0.13	33.87	-	2.04			2.04	64.01		0.77	2.57	1.35	1.25	0.27	6.22	-	-	-	70.22	3.47	0.15		3.63	0.54	-	4.16	-	-		-	74.39	
Networks Ltd	-	0.22	0.20	0.24		1.44		0.13	8.45	0.28	0.87	0.34	0.45		0.08	0.26		12.47	0.02	0.29	0.01	-	-	0.03	0.89	-	0.03	14.16	7.65	2.15	0.25	3.80	0.10		13.94	4.21	3.51	15.20	0.57	3.95	1.58	0.62	3.43	-	0.12	33.20	-	2.04			2.04	63.35		0.77	2.57	1.35	1.25	0.27	6.22	-	-	-	69.56	3.47	0.15		3.63	0.54	-	4.16	-	-		-	73.73	
Contracting																																																																											
EFS																																																																											
Transport																																			0.04	0.03	0.14						0.45	0.01	0.66						0.66											0.66												0.66	
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Pensions	-	0.03	0.03	0.04	-	0.25	-	0.02	1.82	0.05	0.15	0.06	0.08	-	0.01	0.04		2.52	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01	2.80	1.69	0.52	0.03	0.95	0.02	-	3.21	0.83	0.57	2.13	0.15	0.78	0.17	0.13	0.54	0.11	0.01	5.42	-	0.30			0.30	11.74		0.10	0.48	0.14	0.23	0.03	0.98	-	-	-	12.71	0.45	0.03		0.48	0.06	-	0.54	-	-		-	13.25	
DNO Own																																																																											
Related Part Totals	-	0.03	0.03	0.04	-	0.25	-	0.02	1.82	0.05	0.15	0.06	0.08	-	0.01	0.04		2.52	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01	2.80	1.69	0.52	0.03	0.95	0.02	-	3.21	0.83	0.57	2.13	0.15	0.78	0.17	0.13	0.54	0.11	0.01	5.42	-	0.30			0.30	11.74		0.10	0.48	0.14	0.23	0.03	0.98	-	-	-	12.71	0.45	0.03		0.48	0.06	-	0.54	-	-		-	13.25	
Networks Ltd	-	0.03	0.03	0.04		0.25		0.02	1.82	0.05	0.15	0.06	0.08		0.01	0.04		2.52	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01	2.80	1.69	0.52	0.03	0.95	0.02		3.21	0.83	0.57	2.13	0.15	0.78	0.17	0.13	0.54	-	0.01	5.31	-	0.30			0.30	11.63		0.10	0.48	0.14	0.23	0.03	0.98	-	-	-	12.61	0.45	0.03		0.48	0.06	-	0.54	-	-		-	13.14	
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Contractors	-	1.55	0.69	2.60	-	20.94	-	2.55	21.02	2.17	3.60	3.00	3.05	-	0.07	4.47		63.39	0.56	3.61	0.37	-	-	0.69	0.84	1.35	0.03	73.06	10.39	1.92	0.41	3.08	8.14	1.33	25.27	0.72	1.18	3.73	0.59	0.00	0.05	0.71	0.49	3.09	0.12	10.68	-				-	109.01		0.97	1.32	0.51	7.58	2.03	12.41	8.10	-	-	129.52	10.63	2.36		12.99	1.92	-	14.92					144.44	
Materials	-	0.85	0.35	0.80	-	6.84	-	0.80	6.57	0.38	1.28	0.91	0.55	-	0.68	1.40		19.53	0.00	0.33	0.01	-	-	0.00	0.11	0.38	0.28	21.83	2.40	0.10	0.07	1.25	0.01	-	3.82	0.02	0.06	0.38	0.01	0.00	0.06	0.25	0.18	4.02	0.01	5.00	-	0.15			0.15	30.80		0.06	0.04	0.23	0.02	0.09	0.44	1.50	-	-	32.74	5.67	0.22		5.88	0.41	-	6.29					39.03	
Wayleaves (inc Easements/Servitudes)	-	0.04	0.01	2.58	-	0.49	-	0.01	0.13	0.02	0.00	-	0.08	-	0.00	0.03		3.32	-	-	-	-	-	-	-	0.00	0.00	3.38	0.01	0.00	-	0.00	-	-	0.01	-	-	1.88	-	-	-	-	-	-	-	1.88	-	-			-	5.26		-	-	-	-	-	-	-	-	-	5.26	0.22	-		0.22	0.01	-	0.24					5.50	
Road Charges	-	0.00	0.01	0.00	-	0.05	-	0.00	0.03	0.00	0.00	-	0.00	-	0.00	0.00		0.07	-	-	-	-	-	-	0.00	-	0.00	0.10	0.11	0.07	-	0.01	0.00	-	0.19	-	-	-	-	-	-	-	-	-	-	-	-	0.10			0.10	0.39		-	-	-	-	-	-	-	-	-	0.39	0.18	0.02		0.20	0.01	-	0.21					0.60	
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	-	-	0.15	-	-			-	0.15		-	3.11	-	-	2.35	5.46	-	-	-	5.61	-	-		-	-	-	-					5.61	
Subscriptions	-	-	-	-	-	-	3.43	-	-	-	-	-	-	-	-	-		3.43	-	-	-	-	-	-	-	-	-	3.43	-	-	-	-	-	1.10	1.10	0.00	0.00	0.04	0.35	-	0.01	0.07	-	-	0.00	0.48	-	0.04			0.04	5.05		0.02	0.27	0.03	0.00	-	0.32	-	-	-	5.37	-	-		-	-	-	-	35.83	28.13		63.95	69.32	
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	-	0.00	-	-	-	-	-	-	-	-	0.25	-	0.25	-	-			-	0.26		-	-	-	-	-	-	-	-	-	0.26	-	-		-	0.00	-	0.00				-	0.26	
Networks Ltd																																																																											Disallowed
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Total Gross Costs	-	2.70	1.30	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.20		104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	118.76	22.24	4.77	0.75	9.09	8.27	2.43	47.54	5.82	5.35	23.50	1.68	4.73	1.87	1.79	4.79	7.92	0.26	57.71	-	2.63			2.63	226.65		1.92	7.78	2.26	9.09	4.77	25.83	9.60	-	-	262.08	20.63	2.78		23.41	2.95	-	26.36	35.83	28.13		63.95	352.40	
Customer Contributions	-		(1.97)	-	-	-	-	-	-	-	-	-	-	-	-	-		-										(1.97)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	(1.97)		-	-	-	-	-	-	-	-	-	(1.97)	(33.72)	(4.10)		(37.82)	-	-	(37.82)					(39.79)	
Cost Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	(3.31)	-	-	-	-	-	(3.31)	-	-	-	-	-	-	-	-	-	-	-	-	-			-	(3.31)		-	(0.25)	-	-	-	(0.25)	-	-	-	(3.56)	-	-		-	-	-	-					(3.56)	
Total Net Costs Before Allocations	-	2.70	(0.67)	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.20		104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	116.80	18.93	4.77	0.75	9.09	8.27	2.43	44.23	5.82	5.35	23.50	1.68	4.73	1.87	1.79	4.79	7.92	0.26	57.71	-	2.63			2.63	221.37		1.92	7.54	2.26	9.09	4.77	25.58	9.60	-	-	256.55	(13.09)	(1.32)		(14.41)	2.95	-	(11.46)	35.83	28.13		63.95	309.05	
Total Costs by Source:																																																																											
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	1.10	-	-	1.88	0.35	-	-	0.10	-	-	-	2.33	-	-			-	3.43		-	0.31	-	-	0.07	0.38	-	-	-	3.81	-	-		-	-	-	-	35.83	28.13		63.95	67.76	
Related Party Totals	-	2.70	(0.67)	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.20		104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	116.80	18.93	4.77	0.75	9.09	8.27	1.33	43.13	5.82	5.35	21.62	1.33	4.73	1.87	1.68	4.79	7.92	0.26	55.38	-	2.63			2.63	217.94		1.92	7.22	2.26	9.09	4.70	25.20	9.60	-	-	252.74	(13.09)	(1.32)		(14.41)	2.95	-	(11.46)	-	-		-	241.29	
Networks Ltd	-	2.70	(0.67)	6.26		30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21		0.84	6.20		104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	116.80	18.93	4.77	0.75	9.09	8.27	1.33	43.13	5.78	5.32	21.49	1.33	4.73	1.87	1.68	4.79	1.81	0.26	49.05	-	2.63			2.63	211.62		1.92	7.22	2.26	9.09	4.70	25.20	8.35	-	-	245.16	(13.09)	(1.32)		(14.41)	2.38	-	(12.03)	-	-		-	233.13	
Contracting																																																																											
EFS																																																																				0.58		0.58					0.58	
Transport																																			0.04	0.03	0.14						6.12	0.01	6.33						6.33								1.25			7.58												7.58	
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Total Net Costs Before Allocations	-	2.70	(0.67)	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.20		104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	116.80	18.93	4.77	0.75	9.09	8.27	2.43	44.23	5.82	5.35	23.50	1.68	4.73	1.87	1.79	4.79	7.92	0.26	57.71	-	2.63			2.63	221.37		1.92	7.54	2.26	9.09	4.77	25.58	9.60	-	-	256.55	(13.09)	(1.32)		(14.41)	2.95	-	(11.46)	35.83	28.13		63.95	309.05	
Check																																		(0.00)	0.00																	0.00											0.00												0.00	
Allocation of Income relating to non-op capex and Business	-		0.26	-		-	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-	0.26	-	-	-	-	-	-	-																	0.26		(0.02)	(0.06)	(0.02)	(0.10)	(0.06)	(0.26)	-			0.00												0.00	
Allocation of Income relating to closely associated indirects	-		0.37	-		-	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-	0.37	-	-	-	-	-	-	-	(0.07)	(0.05)	(0.15)	(0.02)	(0.00)	(0.01)	(0.01)	(0.03)	(0.05)	(0.00)	(0.37)						(0.00)											(0.00)												(0.00)	
Allocation of Indirects - Labour																																				(1.20)	(0.52)	(2.46)	(0.16)	(0.00)	(0.13)	(0.09)	(0.43)	-	(0.00)	(4.99)						(4.99)		(0.12)	(0.42)	(0.18)	(0.16)	(0.04)	(0.93)	(0.00)			(5.92)	5.42	0.50		5.92			5.92					(0.00)	OK
Allocation of Indirects - Pensions																																				(0.15)	(0.08)	(0.34)	(0.03)	(0.01)	(0.01)	(0.01)	(0.05)	-	(0.00)	(0.69)						(0.69)		(0.01)	(0.05)	(0.01)	(0.02)	(0.00)	(0.09)	0.00			(0.78)	0.72	0.07		0.78			0.78					0.00	OK
Allocation of Indirects - Contractors																																				(0.00)	(0.35)	(0.31)	(0.17)	-	(0.04)	(0.10)	(0.06)	(0.55)	(0.00)	(1.59)						(1.59)		(0.13)	(0.11)	(0.07)	(1.03)	(0.28)	(1.62)	(1.13)			(4.34)	3.95	0.38		4.34			4.34					-	OK
Allocation of Indirects - Materials																																				(0.00)	(0.01)	(0.05)	(0.00)	-	(0.00)	(0.03)	(0.02)	(0.42)	(0.00)	(0.54)						(0.54)		(0.01)	(0.01)	(0.05)	(0.00)	(0.02)	(0.08)	(0.69)			(1.31)	1.19	0.12		1.31			1.31					-	OK
Allocation of Indirects - Other																																				(0.00)	(0.00)	(0.01)	-	-	(0.00)	-	(0.03)	-	(0.00)	(0.03)						(0.03)		(0.00)	(0.14)	(0.00)	(0.00)	(0.36)	(0.50)	-			(0.54)	0.49	0.05		0.54			0.54					-	OK
Allocation of Indirects - Related Party Margins																																				-	-	-	-	-	-	-	-	0.00	-	0.00						0.00		-	-	-	(0.02)	-	(0.02)	-			(0.02)	0.01	0.00		0.02			0.02					0.00	OK
Indirect Activity Allocations to Connections outside of RAV																																				(1.36)	(0.97)	(3.17)	(0.36)	(0.01)	(0.18)	(0.25)	(0.58)	(0.96)	(0.00)	(7.84)						(7.84)		(0.27)	(0.72)	(0.31)	(1.23)	(0.70)	(3.24)	(1.82)			(12.90)	11.79	1.11		12.90			12.90					-	OK
Allocation of Indirects - Labour																																				(0.14)	(0.06)	(0.29)	(0.02)	(0.00)	(0.01)	(0.01)	(0.05)	-	(0.00)	(0.59)						(0.59)		(0.01)	(0.05)	(0.02)	(0.02)	(0.01)	(0.11)	(0.00)	-	-	(0.70)				-	0.70	-	0.70	-	-		-	-	OK
Allocation of Indirects - Pensions																																				(0.02)	(0.01)	(0.04)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-	(0.00)	(0.08)						(0.08)		(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	0.00	-	-	(0.09)				-	0.09	-	0.09	-	-		-	-	OK
Allocation of Indirects - Contractors																																				(0.00)	(0.04)	(0.04)	(0.02)	-	(0.00)	(0.01)	(0.01)	(0.06)	(0.00)	(0.19)						(0.19)		(0.02)	(0.01)	(0.01)	(0.12)	(0.03)	(0.19)	(0.11)	-	-	(0.50)				-	0.50	-	0.50	-	-		-	-	OK
Allocation of Indirects - Materials																																				(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.00)	(0.00)	(0.05)	(0.00)	(0.06)						(0.06)		(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.07)	-	-	(0.14)				-	0.14	-	0.14	-	-		-	-	OK
Allocation of Indirects - Other																																				(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-	(0.00)	(0.00)						(0.00)		(0.00)	(0.02)	(0.00)	(0.00)	(0.04)	(0.06)	-	-	-	(0.06)				-	0.06	-	0.06	-	-		-	-	OK
Allocation of Indirects - Related Party Margins																																				-	-	-	-	-	-	-	-	-	-	-						-		-	-	-	(0.00)	-	(0.00)	-	-	-	(0.00)				-	0.00	-	0.00	-	-		-	-	OK
Indirect Activity Allocations to Non Distribution (exc Connections)																																				(0.16)	(0.11)	(0.38)	(0.04)	(0.00)	(0.02)	(0.03)	(0.07)	(0.11)	(0.00)	(0.93)						(0.93)		(0.03)	(0.09)	(0.04)	(0.15)	(0.08)	(0.38)	(0.18)	-	-	(1.50)				-	1.50	-	1.50	-	-		-	-	OK
Total Net Costs after allocation for RAV	-	2.70	(0.04)	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.20		104.73	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	117.43	18.93	4.77	0.75	9.09	8.27	2.43	44.23	4.23	4.22	19.80	1.26	4.72	1.66	1.50	4.11	6.80	0.26	48.56	-	2.63			2.63	212.85		1.60	6.67	1.89	7.62	3.93	21.70	7.60	-	-	242.16	(1.31)	(0.21)		(1.51)	4.45	-	2.94	35.83	28.13		63.95	309.05	
Check: Total allocated to worksheets																																																															-													
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																																																																											
Allocation of Indirects - Labour	-	0.57	0.28																									0.85								(0.17)	(0.07)	(0.35)	(0.02)	(0.00)	(0.02)	(0.01)	(0.06)	-	(0.00)	(0.71)						0.13		(0.02)	(0.06)	(0.03)	(0.02)	(0.01)	(0.13)	(0.00)			0.00												0.00	OK
Allocation of Indirects - Pensions	-	0.07	0.04																									0.11								(0.02)	(0.01)	(0.05)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-	(0.00)	(0.10)						0.01		(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	0.00			(0.00)												(0.00)	OK
Allocation of Indirects - Contractors	-	0.54	0.27																									0.81								(0.00)	(0.05)	(0.04)	(0.02)	-	(0.01)	(0.01)	(0.01)	(0.08)	(0.00)	(0.23)						0.58		(0.02)	(0.02)	(0.01)	(0.15)	(0.04)	(0.23)	(0.19)			0.16												0.16	ERROR
Allocation of Indirects - Materials	-	0.17	0.09																									0.26								(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.00)	(0.00)	(0.06)	(0.00)	(0.08)						0.18		(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.12)			0.06												0.06	ERROR
Allocation of Indirects - Other	-	0.05	0.02																									0.08								(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-	(0.00)	(0.00)						0.07		(0.00)	(0.02)	(0.00)	(0.00)	(0.05)	(0.07)	-			0.00												0.00	OK
Allocation of Indirects - Related Party Margins	-	0.00	0.00																									0.00								-	-	-	-	-	-	-	-	-	-	-						0.00		-	-	-	(0.00)	-	(0.00)	-			(0.00)												(0.00)	OK
Indirect Activity Allocations to Connections (RAV related)"	-	1.40	0.70																									2.10								(0.19)	(0.14)	(0.45)	(0.05)	(0.00)	(0.03)	(0.04)	(0.08)	(0.14)	(0.00)	(1.12)						0.98		(0.04)	(0.10)	(0.04)	(0.18)	(0.10)	(0.46)	(0.31)			0.21												0.21	ERROR
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																																																																											
Allocation of Indirects - Labour		-	-																																	-	-	-	-	-	-	-	-	-	-	-						-		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Pensions		-	-																																	-	-	-	-	-	-	-	-	-	-	-						-		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Contractors		-	-																																	-	-	-	-	-	-	-	-	-	-	-						-		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Materials		-	-																																	-	-	-	-	-	-	-	-	-	-	-						-		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Other		-	-																																	-	-	-	-	-	-	-	-	-	-	-						-		-	-	-	-	-	-	-			-												-	OK
Allocation of Indirects - Related Party Margins		-	-																																	-	-	-	-	-	-	-	-	-	-	-						-		-	-	-	-	-	-	-			-												-	OK
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-																																	-	-	-	-	-	-	-	-	-	-	-						-		-	-	-	-	-	-	-			-												-	OK
Memo: Indirect Activity Allocation to High Value Projects - ex ante																																																																											
Allocation of Indirects - Labour																0.06		0.06																		-	(0.06)	-	-	-	-	-	-	-	-	(0.06)																	-													OK
Allocation of Indirects - Pensions																0.01		0.01																		-	(0.01)	-	-	-	-	-	-	-	-	(0.01)																	-													OK
Allocation of Indirects - Contractors																0.05		0.05																		-	(0.05)	-	-	-	-	-	-	-	-	(0.05)																	-													OK
Allocation of Indirects - Materials																-		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Allocation of Indirects - Other																-		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Allocation of Indirects - Related Party Margins																-		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Indirect Activity Allocations to High value projects - ex ante																0.11		0.11																		-	(0.11)	-	-	-	-	-	-	-	-	(0.11)																	-													OK
Memo: Indirect Activity Allocation to High Value Projects - reopener																																																																											
Allocation of Indirects - Labour																		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Allocation of Indirects - Pensions																		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Allocation of Indirects - Contractors																		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Allocation of Indirects - Materials																		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Allocation of Indirects - Other																		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Allocation of Indirects - Related Party Margins																		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Indirect Activity Allocations to High value projects - reopener																		-																		-	-	-	-	-	-	-	-	-	-	-																	-													OK
Memo: Statutory Non Op Depreciation																																																																											
DNO Own																																												1.22	-	1.22						1.22		-	-	-	1.89	0.35	2.24	-			3.46	-	-		-	-	-	-	-	-		-	3.46	
Related Part Totals																																												1.33	-	1.33						1.33											1.33												1.33	
Networks Ltd																																																																												
Contracting																																																																											
EFS																																																																											
Transport																																												1.33	-	1.33						1.33											1.33												1.33	
Corporate																																																																											
Energy Sourcing & Customer Supply																																																																											
Nuclear Branch																																																																											
London Captive Insurance																																																																											
Development																																																																											
IT																																																																											
- none -																																																																											
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- none -																																																																											
- none -																																																																											
- none -																																																																											
Memo: Statutory Allocation (of Total Net costs after allocation)																																																																											
Memo: LCN Direct Benefits																																																																											
Costs after allocation of memo items	-	4.10	0.66	6.26	-	30.00	3.43	3.51	38.01	2.90	5.90	4.32	4.21	-	0.84	6.31		104.84	0.58	4.28	0.39	-	-	0.72	1.99	1.73	0.35	119.64	18.93	4.77	0.75	9.09	8.27	2.43	44.23	4.04	3.97	19.35	1.21	4.72	1.63	1.47	4.02	9.22	0.26	49.89	-	2.63			2.63	216.40		1.56	6.57	1.84	9.33	4.18	23.48	7.29	-	-	247.17	(1.31)	(0.21)		(1.51)	4.45	-	2.94	35.83	28.13		63.95	314.06	
Comparison to FBPQ/Allowance																																				Some Columns will be linked to memo																																								
Net costs after allocation for RAV	0.0	2.7	0.0	6.3	0.0	30.0	3.4	3.5	38.0	2.9	5.9	4.3	4.2	0.0	0.8	6.2		104.7	0.6	4.3	0.4	0.0	0.0	0.7	2.0	1.7	0.3	117.4	18.9	4.8	0.8	9.1	8.3	2.4	44.2	4.2	4.2	19.8	1.3	4.7	1.7	1.5	4.1	6.8	0.3	48.6	0.0	2.6			2.6	212.9		1.6	6.7	1.9	7.6	3.9	21.7	7.6	0.0	0.0	242.2	-1.3	-0.2		-1.5	4.5	0.0	2.9	35.8	28.1		64.0	309.1	
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-1.8	0.0	-0.2	-0.1	-0.1	0.0	0.0	0.0		-2.5	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-2.8	-1.7	-0.5	0.0	-0.9	0.0	0.0	-3.2	-0.8	-0.6	-2.1	-0.1	-0.8	-0.2	-0.1	-0.5	-0.1	0.0	-5.4	0.0	-0.3			-0.3	-11.7		-0.1	-0.5	-0.1	-0.2	0.0	-1.0	0.0	0.0	0.0	-12.7	-0.5	0.0		-0.5	-0.1	0.0	-0.5	0.0	0.0		0.0	-13.3	
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.8	0.0	0.0			0.0	0.8		0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9	-0.7	-0.1		-0.8	-0.1	0.0	-0.9	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions	0.0	2.7	-0.1	6.2	0.0	29.7	3.4	3.5	36.2	2.9	5.7	4.3	4.1	0.0	0.8	6.2		102.2	0.6	4.2	0.4	0.0	0.0	0.7	1.8	1.7	0.3	114.6	17.2	4.2	0.7	8.1	8.3	2.4	41.0	3.6	3.7	18.0	1.1	4.0	1.5	1.4	3.6	6.7	0.3	43.9	0.0	2.3			2.3	201.9		1.5	6.3	1.8	7.4	3.9	20.8	7.6	0.0	0.0	230.3	-2.5	-0.3		-2.8	4.3	0.0	1.5	35.8	28.1		64.0	295.8	
																																			Some Columns will be linked to memo																																								
Employer DB pension scheme ongoing contributions	-	0.03	0.01	0.03		0.21	-	0.01	1.60	0.03	0.11	0.04	0.07		0.01	0.01		2.12	0.00	0.02	0.00	-	-	0.00	0.12	-	0.00	2.32	1.50	0.43	0.03	0.77	0.01	-	2.74	0.66	0.43	1.54	0.12	0.63	0.14	0.11	0.43	0.09	(0.01)	4.13	-	0.21			0.21	9.39		0.08	0.39	0.11	0.18	0.03	0.78	-	-	-	10.18	0.38	0.02		0.41	0.04	-	0.44	-	-		-	10.62	
Employer DC pension scheme ongoing contributions	-	0.00	0.01	0.00		0.01	-	0.00	0.08	0.01	0.02	0.01	0.01		0.00	0.01		0.15	-	0.01	0.00	-	-	0.00	0.01	-	0.00	0.19	0.04	0.04	-	0.07	0.00	-	0.15	0.07	0.05	0.22	0.01	0.06	0.01	0.01	0.04	0.01	0.00	0.49	-	0.04			0.04	0.86		0.01	0.03	0.01	0.02	0.00	0.07	-	-	-	0.93	0.03	0.00		0.03	0.01	-	0.04	-	-		-	0.96	
Pension scheme administration costs	-	0.00	0.01	0.00		0.01	-	0.00	0.06	0.00	0.01	0.00	0.00		0.00	0.00		0.11	-	0.01	0.00	-	-	0.00	0.01	-	0.00	0.14	0.04	0.03	-	0.05	0.00	-	0.11	0.05	0.04	0.16	0.01	0.04	0.01	0.01	0.03	0.01	0.00	0.36	-	0.03			0.03	0.63		0.01	0.02	0.01	0.01	0.00	0.05	-	-	-	0.69	0.02	0.00		0.02	0.01	-	0.03	-	-		-	0.71	
PPF Levies	-	0.00	0.00	0.00		0.00	-	0.00	0.02	0.00	0.00	0.00	0.00		0.00	0.00		0.03	-	0.00	0.00	-	-	0.00	0.00	-	0.00	0.04	0.05	0.01	-	0.02	0.00	-	0.07	0.01	0.01	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.11	-	0.01			0.01	0.23		0.00	0.01	0.00	0.00	0.00	0.02	-	-	-	0.25	0.01	0.00		0.01	0.00	-	0.01	-	-		-	0.25	
Employer DB pension scheme contributions to pension s																																																																											
Incremental deficit recovery payments	-	0.00	0.01	0.00		0.01	-	0.00	0.06	0.00	0.01	0.00	0.00		0.00	0.01		0.11	-	0.00	0.00	-	-	0.00	0.01	-	0.00	0.13	0.06	0.02	-	0.05	0.00	-	0.13	0.05	0.04	0.15	0.01	0.04	0.01	0.01	0.03	0.01	0.00	0.34	-	0.02			0.02	0.62		0.01	0.02	0.01	0.01	0.00	0.05	-	-	-	0.67	0.02	0.00		0.02	0.01	-	0.02	-	-		-	0.70	
Other pension costs included in the amount reported																																																																										
Total pension costs reported, excluding established deficit reco	-	0.03	0.03	0.04	-	0.25	-	0.02	1.82	0.05	0.15	0.06	0.08	-	0.01	0.04		2.52	0.00	0.05	0.00	-	-	0.00	0.15	-	0.01	2.80	1.69	0.52	0.03	0.95	0.02	-	3.21	0.83	0.57	2.13	0.15	0.78	0.17	0.13	0.54	0.11	0.01	5.42	-	0.30			0.30	11.74		0.10	0.48	0.14	0.23	0.03	0.98	-	-	-	12.71	0.45	0.03		0.48	0.06	-	0.54	-	-		-	13.25	
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK	OK	OK	OK			OK	OK	

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2019

Network Investment Costs (RAV) — Connections / Core Costs (£'m)

Cost Type	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Exclusing Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmission Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	Total Core Costs
Labour Total		0.22	0.20	0.24		0.98		0.13	8.38	0.27	0.99	0.33	0.41		0.03	0.24		11.96
Related Part Totals		0.22	0.20	0.24		0.98		0.13	8.38	0.27	0.99	0.33	0.41		0.03	0.24		11.96
Networks Ltd		0.22	0.20	0.24		0.98		0.13	8.38	0.27	0.99	0.33	0.41		0.03	0.24		11.96
Pensions		0.03	0.03	0.04		0.17		0.02	1.81	0.05	0.17	0.06	0.07		0.01	0.04		2.43
Related Part Totals		0.03	0.03	0.04		0.17		0.02	1.81	0.05	0.17	0.06	0.07		0.01	0.04		2.43
Networks Ltd		0.03	0.03	0.04		0.17		0.02	1.81	0.05	0.17	0.06	0.07		0.01	0.04		2.43
Contractors		1.56	0.70	2.58		14.23		2.47	20.86	2.04	4.08	2.84	2.74		0.03	4.15		55.98
Materials		0.86	0.35	0.79		4.64		0.78	6.52	0.35	1.45	0.87	0.49		0.29	1.30		17.20
Wayleaves (inc Easements/Servitudes)		0.04	0.01	2.55		0.33		0.01	0.12	0.02	0.00		0.07		0.00	0.02		3.13
Road Charges		0.00	0.01	0.00		0.03		0.00	0.03	0.00	0.00		0.00		0.00	0.00		0.06
Subscriptions							3.43											3.43
Total Gross Costs		**2.72**	**1.31**	**6.20**		**20.38**	**3.43**	**3.41**	**37.73**	**2.73**	**6.69**	**4.09**	**3.78**		**0.36**	**5.75**		**94.19**
Customer Contributions			(1.97)															
Total Net Costs Before Allocations		**2.72**	**(0.67)**	**6.20**		**20.38**	**3.43**	**3.41**	**37.73**	**2.73**	**6.69**	**4.09**	**3.78**		**0.36**	**5.75**		**94.19**
Related Party Totals		2.72	(0.67)	6.20		20.38	3.43	3.41	37.73	2.73	6.69	4.09	3.78		0.36	5.75		94.19
Networks Ltd		2.72	(0.67)	6.20		20.38	3.43	3.41	37.73	2.73	6.69	4.09	3.78		0.36	5.75		94.19
Total Net Costs Before Allocations		2.72	(0.67)	6.20		20.38	3.43	3.41	37.73	2.73	6.69	4.09	3.78		0.36	5.75		94.19
Allocation of Income relating to non-op capex and Business			0.26															
Allocation of Income relating to closely associated indirects			0.38															
Total Net Costs after allocation for RAV		2.72	(0.03)	6.20		20.38	3.43	3.41	37.73	2.73	6.69	4.09	3.78		0.36	5.75		94.19
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour		0.57	0.27															
Allocation of Indirects - Pensions		0.07	0.04															
Allocation of Indirects - Contractors		0.44	0.22															
Allocation of Indirects - Materials		0.14	0.08															
Allocation of Indirects - Other		0.05	0.02															
Allocation of Indirects - Related Party Margins		0.00	0.00															
Indirect Activity Allocations to Connections (RAV related)"		1.27	0.63															
Memo: Indirect Activity Allocation to High Value Projects - ex ante																		
Allocation of Indirects - Labour																0.05		0.05
Allocation of Indirects - Pensions																0.01		0.01
Allocation of Indirects - Contractors																0.05		0.05
Indirect Activity Allocations to High value projects - ex ante																0.10		0.10
Costs after allocation of memo items		3.99	0.60	6.20		20.38	3.43	3.41	37.73	2.73	6.69	4.09	3.78		0.36	5.86		94.29
Comparison to FBPQ/Allowance																		
Net costs after allocation for RAV	0.0	2.7	0.0	6.2	0.0	20.4	3.4	3.4	37.7	2.7	6.7	4.1	3.8	0.0	0.4	5.8		94.2
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-1.8	0.0	-0.2	-0.1	-0.1	0.0	0.0	0.0		-2.4
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Net costs after allocation for RAV excluding pensions	0.0	2.7	-0.1	6.2	0.0	20.2	3.4	3.4	35.9	2.7	6.5	4.0	3.7	0.0	0.3	5.7		91.8
Employer DB pension scheme ongoing contributions		0.03	0.01	0.03		0.14		0.01	1.59	0.03	0.14	0.04	0.06		0.00	0.00		2.04
Employer DC pension scheme ongoing contributions		0.00	0.01	0.00		0.01		0.00	0.08	0.01	0.01	0.01	0.01		0.00	0.01		0.13
Pension scheme administration costs		0.00	0.01	0.00		0.01		0.00	0.06	0.00	0.01	0.00	0.00		0.00	0.01		0.11
PPF Levies		0.00	0.00	0.00		0.00		0.00	0.02	0.00	0.00	0.00	0.00		0.00	0.00		0.03
Employer DB pension scheme contributions to pension s																		
Incremental deficit recovery payments		0.00	0.01	0.00		0.01		0.00	0.06	0.00	0.01	0.00	0.00		0.00	0.01		0.11
Other pension costs included in the amount reported																		
Total pension costs reported, excluding established deficit reco		0.03	0.03	0.04		0.17		0.02	1.81	0.05	0.17	0.06	0.07		0.01	0.04		2.43
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK

Non core / Stand Alone Funding (RAV) / Network Operating Costs (RAV) (£'m)

Cost Type	Flooding	BT21CN	Technical losses and ot	High impact Low Probal	Critical National Infrastn	Black Start	Rising Mains and Latera	Undergrounding Within/ Outside designated areas	Worst Served Customers	Total Network Investment Costs	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	Network Operating Costs
Labour Total	0.02	0.08	0.01			0.03	0.89		0.03	13.45	7.60	2.09	0.25	3.69	0.10		13.73
Related Part Totals	0.02	0.08	0.01			0.03	0.89		0.03	13.45	7.60	2.09	0.25	3.69	0.10		13.73
Networks Ltd	0.02	0.08	0.01			0.03	0.89		0.03	13.45	7.60	2.09	0.25	3.69	0.10		13.73
Pensions	0.00	0.01	0.00			0.00	0.15		0.01	2.68	1.60	0.48	0.03	0.88	0.02		3.00
Related Part Totals	0.00	0.01	0.00			0.00	0.15		0.01	2.68	1.60	0.48	0.03	0.88	0.02		3.00
Networks Ltd	0.00	0.01	0.00			0.00	0.15		0.01	2.68	1.60	0.48	0.03	0.88	0.02		3.00
Contractors	0.56	1.03	0.34		2.50	0.69	0.84	1.35	0.03	65.56	10.41	1.89	0.41	3.04	8.14	1.33	25.22
Materials	0.00	0.09	0.01			0.00	0.11	0.38	0.28	19.28	2.39	0.09	0.07	1.21	0.01		3.77
Wayleaves (inc Easements/Servitudes)								0.00	0.00	3.18	0.01	0.00		0.00			0.01
Road Charges							0.00		0.00	0.08	0.11	0.07		0.01	0.00		0.19
Subscriptions										3.43						1.10	1.10
Related Party Margins														0.00			0.00
EFS														0.00			0.00
Check														0.00			
Total Gross Costs	**0.58**	**1.22**	**0.36**		**2.50**	**0.72**	**1.99**	**1.73**	**0.35**	107.66	**22.12**	**4.62**	**0.75**	**8.84**	**8.26**	**2.43**	**47.01**
Customer Contributions										(1.97)							
Cost Recoveries											(3.31)						(3.31)
Total Net Costs Before Allocations	**0.58**	**1.22**	**0.36**		**2.50**	**0.72**	**1.99**	**1.73**	**0.35**	105.69	**18.80**	**4.62**	**0.75**	**8.84**	**8.26**	**2.43**	**43.70**
DNO Own																1.10	1.10
Related Party Totals	0.58	1.22	0.36		2.50	0.72	1.99	1.73	0.35	105.69	18.80	4.62	0.75	8.84	8.26	1.33	42.60
Networks Ltd	0.58	1.22	0.36		2.50	0.72	1.99	1.73	0.35	105.69	18.80	4.62	0.75	8.84	8.26	1.33	42.60
Total Net Costs Before Allocations	0.58	1.22	0.36		2.50	0.72	1.99	1.73	0.35	105.69	18.80	4.62	0.75	8.84	8.26	2.43	43.70
Check																(0.00)	0.00
Allocation of Income relating to non-op capex and Business										0.26							
Allocation of Income relating to closely associated indirects										0.38							
Total Net Costs after allocation for RAV	0.58	1.22	0.36		2.50	0.72	1.99	1.73	0.35	106.32	18.80	4.62	0.75	8.84	8.26	2.43	43.70
Memo (Connections excl. 3rd Party) - Allocation of Indirects - Labour										0.84							
Allocation of Indirects - Pensions										0.11							
Allocation of Indirects - Contractors										0.66							
Allocation of Indirects - Materials										0.22							
Allocation of Indirects - Other										0.07							
Allocation of Indirects - Related Party Margins										0.00							
Indirect Activity Allocations to Connections (RAV related)"										1.91							
Costs after allocation of memo items	0.58	1.22	0.36		2.50	0.72	1.99	1.73	0.35	108.33	18.80	4.62	0.75	8.84	8.26	2.43	43.70
Net costs after allocation for RAV	0.6	1.2	0.4	0.0	2.5	0.7	2.0	1.7	0.3	106.3	18.8	4.6	0.8	8.8	8.3	2.4	43.7
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-2.7	-1.6	-0.5	0.0	-0.9	0.0	0.0	-3.0
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	0.6	1.2	0.4	0.0	2.5	0.7	1.8	1.7	0.3	103.6	17.2	4.1	0.7	8.0	8.2	2.4	40.7
Employer DB pension scheme ongoing contributions	0.00	0.01	0.00			0.00	0.11		0.00	2.22	1.41	0.39	0.03	0.70	0.01		2.54
Employer DC pension scheme ongoing contributions		0.00	0.00			0.00	0.02		0.00	0.17	0.04	0.03		0.06	0.00		0.13
Pension scheme administration costs		0.00	0.00			0.00	0.01		0.00	0.13	0.04	0.03		0.05	0.00		0.12
PPF Levies		0.00	0.00			0.00	0.00		0.00	0.04	0.05	0.01		0.02	0.00		0.07
Incremental deficit recovery payments		0.00	0.00			0.00	0.01		0.00	0.12	0.06	0.02		0.05	0.00		0.14
Total pension costs reported, excluding established deficit reco	0.00	0.01	0.00			0.00	0.15		0.01	2.68	1.60	0.48	0.03	0.88	0.02		3.00
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Closely associated Indirects (RAV) / Atypicals / Smart Meters (£'m)

Cost Type	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy	Closely Associated Indirects	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs
Labour Total	4.26	3.55	15.36	0.57	3.95	1.58	0.62	3.57	0.45	0.15	34.05		2.22			2.22	63.45
Related Part Totals	4.26	3.55	15.36	0.57	3.95	1.58	0.62	3.57	0.45	0.15	34.05		2.22			2.22	63.45
Networks Ltd	4.12	3.43	14.87	0.57	3.95	1.58	0.62	3.57		0.12	32.84		2.22			2.22	62.24
Transport	0.14	0.11	0.49						0.45	0.02	1.21						1.21
Pensions	0.74	0.57	2.05	0.14	0.78	0.16	0.13	0.55	0.11	0.01	5.22		0.33			0.33	11.23
Related Part Totals	0.74	0.57	2.05	0.14	0.78	0.16	0.13	0.55	0.11	0.01	5.22		0.33			0.33	11.23
Networks Ltd	0.74	0.57	2.05	0.14	0.78	0.16	0.13	0.55		0.01	5.12		0.33			0.33	11.13
Transport									0.11		0.11						0.11
Contractors	0.52	1.01	3.24	0.57	0.00	0.05	0.71	0.51	3.09	0.12	9.81						100.60
Materials	0.02	0.06	0.38	0.01	0.00	0.06	0.25	0.18	4.02	0.01	4.99		0.17			0.17	28.21
Wayleaves (inc Easements/Servitudes)			1.83								1.83						5.03
Road Charges													0.11			0.11	0.38
Rent								0.15			0.15						0.15
Subscriptions	0.00	0.00	0.04	0.35		0.01	0.07			0.00	0.47		0.06			0.06	5.07
Related Party Margins									0.25		0.25						0.25
EFS																	0.00
Transport									0.25		0.25						0.25
Total Gross Costs	**5.53**	**5.18**	**22.89**	**1.65**	**4.73**	**1.86**	**1.78**	**4.97**	**7.92**	**0.28**	**56.80**		**2.90**			**2.90**	214.37
Customer Contributions																	(1.97)
Cost Recoveries																	(3.31)
Total Net Costs Before Allocations	**5.53**	**5.18**	**22.89**	**1.65**	**4.73**	**1.86**	**1.78**	**4.97**	**7.92**	**0.28**	**56.80**		**2.90**			**2.90**	209.08
DNO Own			1.83	0.35			0.10				2.29						3.39
Related Party Totals	5.53	5.18	21.06	1.30	4.73	1.86	1.68	4.97	7.92	0.28	54.51		2.90			2.90	205.70
Networks Ltd	5.40	5.07	20.57	1.30	4.73	1.86	1.68	4.97	1.81	0.26	47.64		2.90			2.90	198.82
Transport	0.14	0.11	0.49						6.11	0.02	6.87						6.87
Total Net Costs Before Allocations	5.53	5.18	22.89	1.65	4.73	1.86	1.78	4.97	7.92	0.28	56.80		2.90			2.90	209.08
Check																	0.00
Allocation of Income relating to non-op capex and Business																	0.26
Allocation of Income relating to closely associated indirects	(0.06)	(0.05)	(0.15)	(0.02)	(0.00)	(0.01)	(0.01)	(0.03)	(0.05)	(0.00)	(0.38)						
Allocation of Indirects - Labour	(1.19)	(0.51)	(2.42)	(0.16)	(0.00)	(0.13)	(0.09)	(0.43)		(0.00)	(4.94)						(4.94)
Allocation of Indirects - Pensions	(0.15)	(0.08)	(0.34)	(0.03)	(0.01)	(0.01)	(0.01)	(0.05)		(0.00)	(0.68)						(0.68)
Allocation of Indirects - Contractors	(0.00)	(0.35)	(0.31)	(0.17)		(0.04)	(0.10)	(0.06)	(0.55)	(0.00)	(1.59)						(1.59)
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.05)	(0.00)		(0.00)	(0.04)	(0.02)	(0.42)	(0.00)	(0.54)						(0.54)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.01)			(0.00)		(0.03)		(0.00)	(0.04)						(0.04)
Allocation of Indirects - Related Party Margins									0.00		0.00						0.00
Indirect Activity Allocations to Connections outside of RAV	(1.34)	(0.95)	(3.13)	(0.36)	(0.01)	(0.18)	(0.25)	(0.59)	(0.97)	(0.00)	(7.78)						(7.78)
Allocation of Indirects - Labour	(0.14)	(0.06)	(0.29)	(0.02)	(0.00)	(0.02)	(0.01)	(0.05)		(0.00)	(0.59)						(0.59)
Allocation of Indirects - Pensions	(0.02)	(0.01)	(0.04)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)		(0.00)	(0.08)						(0.08)
Allocation of Indirects - Contractors	(0.00)	(0.04)	(0.04)	(0.02)		(0.00)	(0.01)	(0.01)	(0.07)	(0.00)	(0.19)						(0.19)
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)		(0.00)	(0.00)	(0.00)	(0.05)	(0.00)	(0.06)						(0.06)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)			(0.00)		(0.00)		(0.00)	(0.00)						(0.00)
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.16)	(0.11)	(0.37)	(0.04)	(0.00)	(0.02)	(0.03)	(0.07)	(0.12)	(0.00)	(0.93)						(0.93)
Total Net Costs after allocation for RAV	3.96	4.07	19.24	1.23	4.72	1.65	1.49	4.28	6.79	0.28	47.71		2.90			2.90	200.63
Memo (Connections excl. 3rd Party) - Allocation of Indirects - Labour	(0.17)	(0.07)	(0.35)	(0.02)	(0.00)	(0.02)	(0.01)	(0.06)		(0.00)	(0.71)						0.13
Allocation of Indirects - Pensions	(0.02)	(0.01)	(0.05)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)		(0.00)	(0.10)						0.01
Allocation of Indirects - Contractors	(0.00)	(0.05)	(0.04)	(0.03)		(0.01)	(0.01)	(0.01)	(0.08)	(0.00)	(0.23)						0.43
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)		(0.00)	(0.01)	(0.00)	(0.06)	(0.00)	(0.08)						0.14
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)			(0.00)		(0.00)		(0.00)	(0.01)						0.07
Allocation of Indirects - Related Party Margins																	0.00
Indirect Activity Allocations to Connections (RAV related)"	(0.19)	(0.14)	(0.45)	(0.05)	(0.00)	(0.03)	(0.04)	(0.09)	(0.14)	(0.00)	(1.12)						0.78
Memo (HVP ex ante) - Allocation of Indirects - Labour		(0.05)									(0.05)						
Allocation of Indirects - Pensions		(0.01)									(0.01)						
Allocation of Indirects - Contractors		(0.05)									(0.05)						
Indirect Activity Allocations to High value projects - ex ante		(0.10)									(0.10)						
Statutory Non Op Depreciation - DNO Own									1.33		1.33						1.33
Related Part Totals									**1.45**		**1.45**						1.45
Transport									1.45		1.45						1.45
Costs after allocation of memo items	3.77	3.83	18.79	1.18	4.72	1.62	1.46	4.19	9.42	0.28	49.26		2.90			2.90	204.19
Some Columns will be linked to memo																	
Net costs after allocation for RAV	4.0	4.1	19.2	1.2	4.7	1.6	1.5	4.3	6.8	0.3	47.7	0.0	2.9			2.9	200.6
Less Pension Direct	-0.7	-0.6	-2.0	-0.1	-0.8	-0.2	-0.1	-0.5	-0.1	0.0	-5.2	0.0	-0.3			-0.3	-11.2
Less Pension Allocated to excluded services	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.8	0.0	0.0			0.0	0.8
Net costs after allocation for RAV excluding pensions	3.4	3.6	17.6	1.1	4.0	1.5	1.4	3.8	6.7	0.3	43.2	0.0	2.6			2.6	190.2
Some Columns will be linked to memo																	
Employer DB pension scheme ongoing contributions	0.57	0.43	1.47	0.12	0.63	0.13	0.10	0.44	0.08	(0.01)	3.96		0.23			0.23	8.95
Employer DC pension scheme ongoing contributions	0.06	0.05	0.21	0.01	0.05	0.01	0.01	0.04	0.01	0.00	0.45		0.04			0.04	0.79
Pension scheme administration costs	0.05	0.04	0.16	0.01	0.04	0.01	0.01	0.03	0.01	0.00	0.36		0.03			0.03	0.64
PPF Levies	0.01	0.01	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.11		0.01			0.01	0.23
Incremental deficit recovery payments	0.05	0.04	0.15	0.01	0.04	0.01	0.01	0.03	0.01	0.00	0.34		0.03			0.03	0.63
Total pension costs reported, excluding established deficit reco	0.74	0.57	2.05	0.14	0.78	0.16	0.13	0.55	0.11	0.01	5.22		0.33			0.33	11.23
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	OK

Business Support / Non Op Capex / Non Price Control / NABC / Total DNO (£'m)

Cost Type	Blank (inserted for consistency with ED1)	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Blank column added to maintain consistency	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO	
Labour Total		0.76	2.53	1.33	1.24	0.27	6.13				69.58	3.47	0.15		3.62	0.54		4.16					73.74	
Related Part Totals		0.76	2.53	1.33	1.24	0.27	6.13				69.58	3.47	0.15		3.62	0.54		4.16					73.74	
Networks Ltd		0.76	2.53	1.33	1.24	0.27	6.13				68.37	3.47	0.15		3.62	0.54		4.16					72.53	
Transport											1.21												1.21	
Pensions		0.09	0.48	0.13	0.22	0.03	0.95				12.19	0.45	0.03		0.48	0.06		0.54					12.72	
Related Part Totals		0.09	0.48	0.13	0.22	0.03	0.95				12.19	0.45	0.03		0.48	0.06		0.54					12.72	
Networks Ltd		0.09	0.48	0.13	0.22	0.03	0.95				12.08	0.45	0.03		0.48	0.06		0.54					12.62	
Transport											0.11												0.11	
Contractors		0.96	1.30	0.51	7.58	2.00	12.34	10.29			123.23	10.61	2.36		12.97	1.93		14.90					138.14	
Materials		0.06	0.04	0.23	0.02	0.09	0.43	1.55			30.19	5.65	0.22		5.87	0.41		6.27					36.46	
Wayleaves (inc Easements/Servitudes)											5.03	0.22			0.22	0.01		0.24					5.27	
Road Charges											0.38	0.18	0.02		0.20	0.01		0.21					0.59	
Rent			3.07			2.31	5.39				5.54												5.54	
Subscriptions		0.02	0.26	0.03	0.00		0.32				5.39								36.16	28.13		64.29	69.67	
Related Party Margins											0.25					0.00		0.00					0.26	
Networks Ltd																								Disallowed
EFS											0.00					0.00		0.00					0.00	Disallowed
Transport											0.25												0.25	Disallowed
Total Gross Costs		**1.90**	**7.69**	**2.23**	**9.06**	**4.71**	**25.57**	**11.84**			**251.79**	**20.58**	**2.78**		**23.36**	**2.96**		**26.33**	**36.16**	**28.13**		**64.29**	**342.40**	
Customer Contributions											(1.97)	(33.47)	(4.08)		(37.56)			(37.56)					(39.53)	
Cost Recoveries			(0.24)				(0.24)				(3.56)												(3.56)	
Total Net Costs Before Allocations		**1.90**	**7.44**	**2.23**	**9.06**	**4.71**	**25.33**	**11.84**			**246.25**	**(12.89)**	**(1.30)**		(14.19)	**2.96**		**(11.23)**	**36.16**	**28.13**		**64.29**	**299.31**	
DNO Own			0.31			0.07	0.38				3.76								36.16	28.13		64.29	68.05	
Related Party Totals		1.90	7.13	2.23	9.06	4.64	24.95	11.84			242.49	(12.89)	(1.30)		(14.19)	2.96		(11.23)					231.26	
Networks Ltd		1.90	7.13	2.23	9.06	4.64	24.95	10.08			233.85	(12.89)	(1.30)		(14.19)	2.39		(11.81)					222.05	
EFS																0.58		0.58					0.58	
Transport								1.76			8.63												8.63	
Total Net Costs Before Allocations		1.90	7.44	2.23	9.06	4.71	25.33	11.84			246.25	(12.89)	(1.30)		(14.19)	2.96		(11.23)	36.16	28.13		64.29	299.31	
Check											0.00												0.00	
Allocation of Income relating to non-op capex and Business		(0.02)	(0.06)	(0.02)	(0.10)	(0.06)	(0.26)																	
Allocation of Indirects - Labour		(0.11)	(0.40)	(0.17)	(0.16)	(0.04)	(0.89)	(0.00)			(5.83)	5.33	0.50		5.83			5.83						OK
Allocation of Indirects - Pensions		(0.01)	(0.05)	(0.01)	(0.02)	(0.00)	(0.09)	0.00			(0.77)	0.71	0.07		0.77			0.77					(0.00)	OK
Allocation of Indirects - Contractors		(0.13)	(0.10)	(0.06)	(0.99)	(0.27)	(1.56)	(1.20)			(4.34)	3.96	0.38		4.34			4.34						OK
Allocation of Indirects - Materials		(0.01)	(0.01)	(0.04)	(0.00)	(0.02)	(0.08)	(0.73)			(1.35)	1.23	0.12		1.35			1.35						OK
Allocation of Indirects - Other		(0.00)	(0.13)	(0.00)	(0.00)	(0.35)	(0.48)				(0.52)	0.47	0.05		0.52			0.52						OK
Allocation of Indirects - Related Party Margins					(0.02)		(0.02)				(0.02)	0.01	0.00		0.02			0.02						OK
Indirect Activity Allocations to Connections outside of RAV		(0.26)	(0.69)	(0.30)	(1.18)	(0.68)	(3.11)	(1.94)			(12.83)	11.72	1.11		12.83			12.83						OK
Allocation of Indirects - Labour		(0.01)	(0.05)	(0.02)	(0.02)	(0.00)	(0.11)	(0.00)			(0.70)					0.70		0.70						OK
Allocation of Indirects - Pensions		(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	0.00			(0.09)					0.09		0.09						OK
Allocation of Indirects - Contractors		(0.02)	(0.01)	(0.01)	(0.12)	(0.03)	(0.19)	(0.12)			(0.50)					0.50		0.50						OK
Allocation of Indirects - Materials		(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.07)			(0.15)					0.15		0.15						OK
Allocation of Indirects - Other		(0.00)	(0.02)	(0.00)	(0.00)	(0.04)	(0.06)				(0.06)					0.06		0.06						OK
Allocation of Indirects - Related Party Margins					(0.00)		(0.00)				(0.00)					0.00		0.00						OK
Indirect Activity Allocations to Non Distribution (exc Connections)		(0.03)	(0.08)	(0.04)	(0.14)	(0.08)	(0.37)	(0.20)			(1.50)					1.50		1.50					0.00	OK
Total Net Costs after allocation for RAV		1.58	6.61	1.87	7.63	3.89	21.59	9.71			231.92	(1.18)	(0.19)		(1.36)	4.46		3.10	36.16	28.13		64.29	299.31	
Check: Total allocated to worksheets											-													
Memo (Connections excl. 3rd Party) - Allocation of Indirects - Labour		(0.02)	(0.06)	(0.03)	(0.02)	(0.01)	(0.13)	(0.00)			(0.00)												(0.00)	OK
Allocation of Indirects - Pensions		(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	0.00			0.00												0.00	OK
Allocation of Indirects - Contractors		(0.02)	(0.02)	(0.01)	(0.14)	(0.04)	(0.22)	(0.21)			(0.00)												(0.00)	OK
Allocation of Indirects - Materials		(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.13)			(0.00)												(0.00)	OK
Allocation of Indirects - Other		(0.00)	(0.02)	(0.00)	(0.00)	(0.05)	(0.07)				0.00												0.00	OK
Allocation of Indirects - Related Party Margins					(0.00)		(0.00)				(0.00)												(0.00)	OK
Indirect Activity Allocations to Connections (RAV related)"		(0.04)	(0.10)	(0.04)	(0.17)	(0.10)	(0.45)	(0.33)			(0.00)												(0.00)	OK
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work) (Labour; Pensions; Contractors; Materials; Other; Related Party Margins; Indirect Activity Allocations to Part Funded Connections (RAV related))																								OK (×7)
Memo: Indirect Activity Allocation to High Value Projects - ex ante (7 rows)																								OK (×7)
Memo: Indirect Activity Allocation to High Value Projects - reopener (7 rows)																								OK (×7)
Statutory Non Op Depreciation - DNO Own					2.92	0.35	3.26	1.16			5.76												5.76	
Related Part Totals											1.45												1.45	
Transport											1.45												1.45	
Costs after allocation of memo items		1.54	6.51	1.82	10.38	4.15	24.40	10.54			239.13	(1.18)	(0.19)		(1.36)	4.46		3.10	36.16	28.13		64.29	306.52	
Net costs after allocation for RAV		1.6	6.6	1.9	7.6	3.9	21.6	9.7	0.0	0.0	231.9	-1.2	-0.2		-1.4	4.5	0.0	3.1	36.2	28.1		64.3	299.3	
Less Pension Direct		-0.1	-0.5	-0.1	-0.2	0.0	-1.0	0.0	0.0	0.0	-12.2	-0.5	0.0		-0.5	-0.1	0.0	-0.5	0.0	0.0		0.0	-12.7	
Less Pension Allocated to excluded services		0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9	-0.7	-0.1		-0.8	-0.1	0.0	-0.9	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions		1.5	6.2	1.7	7.4	3.9	20.7	9.7	0.0	0.0	220.6	-2.3	-0.3		-2.6	4.3	0.0	1.7	36.2	28.1		64.3	286.6	
Employer DB pension scheme ongoing contributions		0.07	0.39	0.10	0.18	0.03	0.77				9.72	0.39	0.02		0.41	0.04		0.44					10.16	
Employer DC pension scheme ongoing contributions		0.01	0.03	0.01	0.02	0.00	0.07				0.86	0.02	0.00		0.03	0.01		0.03					0.89	
Pension scheme administration costs		0.01	0.02	0.01	0.01	0.00	0.05				0.69	0.02	0.00		0.02	0.01		0.03					0.72	
PPF Levies		0.00	0.01	0.00	0.00	0.00	0.02				0.25	0.01	0.00		0.01	0.00		0.01					0.26	
Incremental deficit recovery payments		0.01	0.02	0.01	0.01	0.00	0.05				0.68	0.02	0.00		0.02	0.01		0.02					0.70	
Total pension costs reported, excluding established deficit reco		0.09	0.48	0.13	0.22	0.03	0.95				12.19	0.45	0.03		0.48	0.06		0.54					12.72	
Check to Pension (row 29)		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK	OK	OK	OK			OK	OK	

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2020

Network Investment Costs (RAV) — Connections and Core Costs (£'m)

	Connection projects; DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmission Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	High Value Projects - reopener	**Total Core Costs**
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	**£'m**
Cost Type																		
Labour Total	-	0.23	0.20	0.25	-	0.74	-	0.13	8.07	0.34	0.91	0.35	0.37	-	0.03	0.20		11.36
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Related Part Totals	-	0.23	0.20	0.25	-	0.74	-	0.13	8.07	0.34	0.91	0.35	0.37	-	0.03	0.20		11.36
Networks Ltd	-	0.23	0.20	0.25		0.74		0.13	8.07	0.34	0.91	0.35	0.37		0.03	0.20		11.36
Contracting																		
EFS																		
Transport																		
Corporate																		
Energy Sourcing & Customer Supply																		
Nuclear Branch																		
London Captive Insurance																		
Development																		
IT																		
- none -																		
- none -																		
- none -																		
- none -																		
- none -																		
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Pensions	-	0.03	0.03	0.04	-	0.13	-	0.02	1.74	0.06	0.16	0.06	0.06	-	0.01	0.03		2.31
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Related Part Totals	-	0.03	0.03	0.04	-	0.13	-	0.02	1.74	0.06	0.16	0.06	0.06	-	0.01	0.03		2.31
Networks Ltd	-	0.03	0.03	0.04		0.13		0.02	1.74	0.06	0.16	0.06	0.06		0.01	0.03		2.31
Contracting																		
EFS																		
Transport																		
Corporate																		
Energy Sourcing & Customer Supply																		
Nuclear Branch																		
London Captive Insurance																		
Development																		
IT																		
- none -																		
- none -																		
- none -																		
- none -																		
- none -																		
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Contractors	-	1.57	0.70	2.73	-	10.79	-	2.40	20.08	2.56	3.77	3.05	2.50	-	0.03	3.42		51.31
Materials	-	0.86	0.35	0.84	-	3.52	-	0.75	6.27	0.44	1.34	0.93	0.45	-	0.29	1.08		15.63
Wayleaves (inc Easements/Servitudes)	-	0.04	0.01	2.70	-	0.25	-	0.00	0.12	0.03	0.00	-	0.06	-	0.00	0.02		3.19
Road Charges	-	0.00	0.01	0.00	-	0.02	-	0.00	0.03	0.00	0.00	-	0.00	-	0.00	0.00		0.05
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Subscriptions	-	-	-	-	-	-	3.43	-	-	-	-	-	-	-	-	-		3.43
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Networks Ltd																		
Contracting																		
EFS																		
Transport																		
Corporate																		
Energy Sourcing & Customer Supply																		
Nuclear Branch																		
London Captive Insurance																		
Development																		
IT																		
- none -																		
- none -																		
- none -																		
- none -																		
- none -																		
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Total Gross Costs	-	2.74	1.32	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.75		87.29
Customer Contributions	-		(1.98)	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Cost Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Total Net Costs Before Allocations	-	2.74	(0.66)	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.75		87.29
Total Costs by Source:																		
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Related Party Totals	-	2.74	(0.66)	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.75		87.29
Networks Ltd	-	2.74	(0.66)	6.57		15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46		0.36	4.75		87.29
Contracting																		
EFS																		
Transport																		
Corporate																		
Energy Sourcing & Customer Supply																		
Nuclear Branch																		
London Captive Insurance																		
Development																		
IT																		
- none -																		
- none -																		
- none -																		
- none -																		
- none -																		
Total Net Costs Before Allocations	-	2.74	(0.66)	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.75		87.29
Check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Allocation of Income relating to non-op capex and Business	-	-	0.26	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Allocation of Income relating to closely associated indirects	-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Allocation of Indirects - Labour																		
Allocation of Indirects - Pensions																		
Allocation of Indirects - Contractors																		
Allocation of Indirects - Materials																		
Allocation of Indirects - Other																		
Allocation of Indirects - Related Party Margins																		
Indirect Activity Allocations to Connections outside of RAV																		
Allocation of Indirects - Labour																		
Allocation of Indirects - Pensions																		
Allocation of Indirects - Contractors																		
Allocation of Indirects - Materials																		
Allocation of Indirects - Other																		
Allocation of Indirects - Related Party Margins																		
Indirect Activity Allocations to Non Distribution (exc Connections)																		
Total Net Costs after allocation for RAV	-	2.74	(0.02)	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.75		87.29
Check: Total allocated to worksheets																		
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluding where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour	-	0.57	0.27															
Allocation of Indirects - Pensions	-	0.08	0.04															
Allocation of Indirects - Contractors	-	0.44	0.23															
Allocation of Indirects - Materials	-	0.14	0.09															
Allocation of Indirects - Other	-	0.05	0.02															
Allocation of Indirects - Related Party Margins	-	0.00	0.00															
Indirect Activity Allocations to Connections (RAV related)"	-	1.28	0.64															
Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)																		
Allocation of Indirects - Labour		-	-															
Allocation of Indirects - Pensions		-	-															
Allocation of Indirects - Contractors		-	-															
Allocation of Indirects - Materials		-	-															
Allocation of Indirects - Other		-	-															
Allocation of Indirects - Related Party Margins		-	-															
Indirect Activity Allocations to Part Funded Connections (RAV related)		-	-															
Memo: Indirect Activity Allocation to High Value Projects - ex ante																		
Allocation of Indirects - Labour																0.04		0.04
Allocation of Indirects - Pensions																0.00		0.00
Allocation of Indirects - Contractors																0.04		0.04
Allocation of Indirects - Materials																-		-
Allocation of Indirects - Other																-		-
Allocation of Indirects - Related Party Margins																-		-
Indirect Activity Allocations to High value projects - ex ante																0.09		0.09
Memo: Indirect Activity Allocation to High Value Projects - reopener																		
Allocation of Indirects - Labour																		-
Allocation of Indirects - Pensions																		-
Allocation of Indirects - Contractors																		-
Allocation of Indirects - Materials																		-
Allocation of Indirects - Other																		-
Allocation of Indirects - Related Party Margins																		-
Indirect Activity Allocations to High value projects - reopener																		-
Memo: Statutory Non Op Depreciation																		
DNO Own	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Related Part Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Networks Ltd																		
Contracting																		
EFS																		
Transport																		
Corporate																		
Energy Sourcing & Customer Supply																		
Nuclear Branch																		
London Captive Insurance																		
Development																		
IT																		
- none -																		
- none -																		
- none -																		
- none -																		
- none -																		
Memo: Statutory Allocation (of Total Net costs after allocation)																		
Memo: LCN Direct Benefits																		
Costs after allocation of memo items	-	4.01	0.62	6.57	-	15.46	3.43	3.31	36.31	3.42	6.18	4.40	3.46	-	0.36	4.84		87.37
Comparison to FBPQ/Allowance																		
Net costs after allocation for RAV	0.0	2.7	0.0	6.6	0.0	15.5	3.4	3.3	36.3	3.4	6.2	4.4	3.5	0.0	0.4	4.8		87.3
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-1.7	-0.1	-0.2	-0.1	-0.1	0.0	0.0	0.0		-2.3
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Net costs after allocation for RAV excluding pensions	0.0	2.7	-0.1	6.5	0.0	15.3	3.4	3.3	34.6	3.4	6.0	4.3	3.4	0.0	0.3	4.7		85.0
Employer DB pension scheme ongoing contributions	-	0.03	0.01	0.03		0.10	-	0.01	1.53	0.04	0.13	0.04	0.05		0.00	0.01		1.94
Employer DC pension scheme ongoing contributions	-	0.00	0.01	0.00		0.01	-	0.00	0.07	0.01	0.01	0.01	0.00		0.00	0.00		0.12
Pension scheme administration costs	-	0.00	0.01	0.00		0.01	-	0.00	0.06	0.01	0.01	0.01	0.00		0.00	0.01		0.11
PPF Levies	-	0.00	0.00	0.00		0.00	-	0.00	0.02	0.00	0.00	0.00	0.00		0.00	0.00		0.03
Employer DB pension scheme contributions to pension s	-	-	-	-		-	-	-	-	-	-	-	-		-	-		-
Incremental deficit recovery payments	-	0.00	0.01	0.00		0.01	-	0.00	0.06	0.01	0.01	0.00	0.00		0.00	0.01		0.11
Other pension costs included in the amount reported	-	-	-	-		-	-	-	-	-	-	-	-		-	-		-
Total pension costs reported, excluding established deficit reco	-	0.03	0.03	0.04	-	0.13	-	0.02	1.74	0.06	0.16	0.06	0.06	-	0.01	0.03		2.31
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK

Network Investment Costs (RAV) — Non core and Stand Alone Funding (RAV) (£'m)

	Flooding	BT21CN	Technical losses and ot	High impact Low Probal	Critical National Infrastn	Black Start	Rising Mains and Latera	Undergrounding Within/ Outside designated areas	Worst Served Customers	**Total Network Investment Costs**
Labour Total	0.02	0.08	0.00	-	-	0.02	0.89	-	0.03	12.84
DNO Own	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.02	0.08	0.00	-	-	0.02	0.89	-	0.03	12.84
Networks Ltd	0.02	0.08	0.00	-	-	0.02	0.89	-	0.03	12.84
Contracting to - none -										
Check	-	-	-	-	-	-	-	-	-	-
Pensions	0.00	0.01	0.00	-	-	0.00	0.15	-	0.01	2.56
DNO Own	-	-	-	-	-	-	-	-	-	-
Related Part Totals	0.00	0.01	0.00	-	-	0.00	0.15	-	0.01	2.56
Networks Ltd	0.00	0.01	0.00	-	-	0.00	0.15	-	0.01	2.56
Contracting to - none -										
Check	-	-	-	-	-	-	-	-	-	-
Contractors	0.43	1.03	0.29	-	3.00	0.44	0.84	1.35	0.03	60.99
Materials	0.00	0.09	0.01	-	-	0.00	0.11	0.38	0.28	17.72
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	0.00	0.00	3.25
Road Charges	-	-	-	-	-	-	0.00	-	0.00	0.07
Rent	-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-	3.43
Related Party Margins	-	-	-	-	-	-	-	-	-	-
Networks Ltd to - none -										
Check	-	-	-	-	-	-	-	-	-	-
Total Gross Costs	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	100.85
Customer Contributions										(1.98)
Cost Recoveries	-	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	98.87
DNO Own	-	-	-	-	-	-	-	-	-	-
Related Party Totals	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	98.87
Networks Ltd	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	98.87
Contracting to - none -										
Total Net Costs Before Allocations	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	98.87
Check	-	-	-	-	-	-	-	-	-	-
Allocation of Income relating to non-op capex and Business	-	-	-	-	-	-	-	-	-	0.26
Allocation of Income relating to closely associated indirects	-	-	-	-	-	-	-	-	-	0.38
Total Net Costs after allocation for RAV	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	99.51
Memo (Connections, excl. 3rd Party) - Labour										0.83
Memo (Connections, excl. 3rd Party) - Pensions										0.11
Memo (Connections, excl. 3rd Party) - Contractors										0.67
Memo (Connections, excl. 3rd Party) - Materials										0.23
Memo (Connections, excl. 3rd Party) - Other										0.07
Memo (Connections, excl. 3rd Party) - Related Party Margins										0.00
Indirect Activity Allocations to Connections (RAV related)"										1.92
Memo: Statutory Non Op Depreciation - DNO Own	-	-	-	-	-	-	-	-	-	-
Memo: Statutory Non Op Depreciation - Related Part Totals	-	-	-	-	-	-	-	-	-	-
Costs after allocation of memo items	0.45	1.22	0.30	-	3.00	0.46	1.99	1.73	0.35	101.51
Net costs after allocation for RAV	0.5	1.2	0.3	0.0	3.0	0.5	2.0	1.7	0.3	99.5
Less Pension Direct	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-2.6
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	0.4	1.2	0.3	0.0	3.0	0.5	1.8	1.7	0.3	97.0
Employer DB pension scheme ongoing contributions	0.00	0.01	0.00		-	0.00	0.11	-	0.00	2.11
Employer DC pension scheme ongoing contributions	-	0.00	0.00		-	0.00	0.02	-	0.00	0.15
Pension scheme administration costs	-	0.00	0.00		-	0.00	0.01	-	0.00	0.13
PPF Levies	-	0.00	0.00		-	0.00	0.00	-	0.00	0.04
Employer DB pension scheme contributions to pension s	-	-	-		-	-	-	-	-	-
Incremental deficit recovery payments	-	0.00	0.00		-	0.00	0.01	-	0.00	0.12
Other pension costs included in the amount reported	-	-	-		-	-	-	-	-	-
Total pension costs reported, excluding established deficit reco	0.00	0.01	0.00	-	-	0.00	0.15	-	0.01	2.56
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Network Operating Costs (RAV) (£'m)

	Trouble Call (CV15a)	ONIs (CV15b)	Severe Weather-Atypical	Inspections & Maintenance	Tree Cutting	NOC's other	**Network Operating Costs**
Labour Total	7.57	2.03	0.25	3.61	0.10	-	13.55
Related Part Totals	7.57	2.03	0.25	3.61	0.10	-	13.55
Networks Ltd	7.57	2.03	0.25	3.61	0.10	-	13.55
Pensions	1.51	0.44	0.03	0.82	0.02	-	2.81
Related Part Totals	1.51	0.44	0.03	0.82	0.02	-	2.81
Networks Ltd	1.51	0.44	0.03	0.82	0.02	-	2.81
Contractors	10.44	1.86	0.41	3.02	8.19	1.33	25.25
Materials	2.38	0.09	0.07	1.18	0.01	-	3.73
Wayleaves (inc Easements/Servitudes)	0.01	0.00	-	0.00	-	-	0.01
Road Charges	0.11	0.07	-	0.01	0.00	-	0.19
Rent	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	1.10	1.10
Related Party Margins	-	-	-	0.00	-	-	0.00
EFS	-	-	-	0.00	-	-	0.00
Check	-	-	-	0.00	-	-	-
Total Gross Costs	22.01	4.49	0.75	8.64	8.31	2.43	46.63
Customer Contributions	-	-	-	-	-	-	-
Cost Recoveries	(3.31)	-	-	-	-	-	(3.31)
Total Net Costs Before Allocations	18.69	4.49	0.75	8.64	8.31	2.43	43.32
DNO Own	-	-	-	-	-	1.10	1.10
Related Party Totals	18.69	4.49	0.75	8.64	8.31	1.33	42.22
Networks Ltd	18.69	4.49	0.75	8.64	8.31	1.33	42.22
Total Net Costs Before Allocations	18.69	4.49	0.75	8.64	8.31	2.43	43.32
Check	-	-	-	-	-	(0.00)	0.00
Total Net Costs after allocation for RAV	18.69	4.49	0.75	8.64	8.31	2.43	43.32
Costs after allocation of memo items	18.69	4.49	0.75	8.64	8.31	2.43	43.32
Net costs after allocation for RAV	18.7	4.5	0.8	8.6	8.3	2.4	43.3
Less Pension Direct	-1.5	-0.4	0.0	-0.8	0.0	0.0	-2.8
Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net costs after allocation for RAV excluding pensions	17.2	4.1	0.7	7.8	8.3	2.4	40.5
Employer DB pension scheme ongoing contributions	1.33	0.36	0.03	0.64	0.01	-	2.37
Employer DC pension scheme ongoing contributions	0.02	0.03		0.06	0.00	-	0.11
Pension scheme administration costs	0.04	0.03		0.05	0.00	-	0.12
PPF Levies	0.05	0.01		0.02	0.00	-	0.08
Employer DB pension scheme contributions to pension s	-	-		-	-	-	-
Incremental deficit recovery payments	0.07	0.02		0.05	0.00	-	0.14
Other pension costs included in the amount reported	-	-		-	-	-	-
Total pension costs reported, excluding established deficit reco	1.51	0.44	0.03	0.82	0.02	-	2.81
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK

Closely associated Indirects (RAV) (£'m)

	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy	**Closely Associated Indirects**
Labour Total	4.10	3.42	14.81	0.57	3.95	1.58	0.62	3.44	0.45	0.14	33.09
Related Part Totals	4.10	3.42	14.81	0.57	3.95	1.58	0.62	3.44	0.45	0.14	33.09
Networks Ltd	4.03	3.36	14.55	0.57	3.95	1.58	0.62	3.44	-	0.12	32.23
Transport	0.07	0.06	0.26	-	-	-	-	-	0.45	0.01	0.86
Pensions	0.73	0.56	1.85	0.14	0.78	0.16	0.12	0.50	0.10	0.01	4.95
Related Part Totals	0.73	0.56	1.85	0.14	0.78	0.16	0.12	0.50	0.10	0.01	4.95
Networks Ltd	0.73	0.56	1.85	0.14	0.78	0.16	0.12	0.50	-	0.01	4.85
Transport	-	-	-	-	-	-	-	-	0.10	-	0.10
Contractors	0.43	0.92	3.00	0.56	0.00	0.05	0.71	0.49	3.09	0.12	9.37
Materials	0.02	0.06	0.37	0.01	0.00	0.06	0.25	0.18	4.02	0.01	4.98
Wayleaves (inc Easements/Servitudes)	-	-	1.80	-	-	-	-	-	-	-	1.80
Road Charges											
Rent								0.15			0.15
Subscriptions	0.00	0.00	0.04	0.35	-	0.01	0.07	-	-	0.00	0.47
Related Party Margins	-	-	-	-	-	-	-	-	0.25	-	0.25
Transport	-	-	-	-	-	-	-	-	0.25	-	0.25
Total Gross Costs	5.29	4.97	21.87	1.63	4.73	1.85	1.78	4.75	7.91	0.27	55.05
Cost Recoveries	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs Before Allocations	5.29	4.97	21.87	1.63	4.73	1.85	1.78	4.75	7.91	0.27	55.05
DNO Own	-	-	1.80	0.35	-	-	0.10	-	-	-	2.25
Related Party Totals	5.29	4.97	20.07	1.28	4.73	1.85	1.67	4.75	7.91	0.27	52.80
Networks Ltd	5.21	4.91	19.81	1.28	4.73	1.85	1.67	4.75	1.81	0.26	46.28
Transport	0.07	0.06	0.26	-	-	-	-	-	6.11	0.01	6.52
Total Net Costs Before Allocations	5.29	4.97	21.87	1.63	4.73	1.85	1.78	4.75	7.91	0.27	55.05
Allocation of Income relating to closely associated indirects	(0.06)	(0.05)	(0.15)	(0.02)	(0.00)	(0.01)	(0.01)	(0.03)	(0.05)	(0.00)	(0.38)
Allocation of Indirects - Labour	(1.18)	(0.51)	(2.42)	(0.16)	(0.00)	(0.13)	(0.10)	(0.44)	-	(0.00)	(4.94)
Allocation of Indirects - Pensions	(0.15)	(0.08)	(0.34)	(0.03)	(0.01)	(0.01)	(0.01)	(0.05)	-	(0.00)	(0.68)
Allocation of Indirects - Contractors	(0.00)	(0.35)	(0.30)	(0.18)	-	(0.04)	(0.11)	(0.06)	(0.56)	(0.00)	(1.60)
Allocation of Indirects - Materials	(0.00)	(0.01)	(0.05)	(0.00)	-	(0.00)	(0.04)	(0.02)	(0.43)	(0.00)	(0.55)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.01)	-	-	(0.00)	-	(0.03)	-	(0.00)	(0.04)
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	0.00	-	0.00
Indirect Activity Allocations to Connections outside of RAV	(1.34)	(0.95)	(3.11)	(0.37)	(0.01)	(0.19)	(0.25)	(0.60)	(0.99)	(0.00)	(7.81)
Allocation of Indirects - Labour	(0.14)	(0.06)	(0.29)	(0.02)	(0.00)	(0.02)	(0.01)	(0.05)	-	(0.00)	(0.59)
Allocation of Indirects - Pensions	(0.02)	(0.01)	(0.04)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-	(0.00)	(0.08)
Allocation of Indirects - Contractors	(0.00)	(0.04)	(0.04)	(0.02)	-	(0.00)	(0.01)	(0.01)	(0.07)	(0.00)	(0.19)
Allocation of Indirects - Materials	(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.00)	(0.00)	(0.05)	(0.00)	(0.07)
Allocation of Indirects - Other	(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-	(0.00)	(0.00)
Allocation of Indirects - Related Party Margins	-	-	-	-	-	-	-	-	-	-	-
Indirect Activity Allocations to Non Distribution (exc Connections)	(0.16)	(0.11)	(0.37)	(0.04)	(0.00)	(0.02)	(0.03)	(0.07)	(0.12)	(0.00)	(0.93)
Total Net Costs after allocation for RAV	3.72	3.86	18.23	1.20	4.72	1.64	1.48	4.05	6.76	0.27	45.94
Memo (Connections, excl. 3rd Party) - Labour	(0.17)	(0.07)	(0.35)	(0.02)	(0.00)	(0.02)	(0.01)	(0.06)	-	(0.00)	(0.71)
Memo (Connections, excl. 3rd Party) - Pensions	(0.02)	(0.01)	(0.05)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	-	(0.00)	(0.10)
Memo (Connections, excl. 3rd Party) - Contractors	(0.00)	(0.05)	(0.04)	(0.03)	-	(0.01)	(0.02)	(0.01)	(0.08)	(0.00)	(0.23)
Memo (Connections, excl. 3rd Party) - Materials	(0.00)	(0.00)	(0.01)	(0.00)	-	(0.00)	(0.01)	(0.00)	(0.06)	(0.00)	(0.08)
Memo (Connections, excl. 3rd Party) - Other	(0.00)	(0.00)	(0.00)	-	-	(0.00)	-	(0.00)	-	(0.00)	(0.01)
Memo (Connections, excl. 3rd Party) - Related Party Margins	-	-	-	-	-	-	-	-	-	-	-
Indirect Activity Allocations to Connections (RAV related)"	(0.19)	(0.14)	(0.45)	(0.05)	(0.00)	(0.03)	(0.04)	(0.09)	(0.14)	(0.00)	(1.12)
Memo (Part Funded Connections) - all rows	-	-	-	-	-	-	-	-	-	-	-
Memo (High Value Projects - ex ante) - Labour	-	(0.04)	-	-	-	-	-	-	-	-	(0.04)
Memo (High Value Projects - ex ante) - Pensions	-	(0.00)	-	-	-	-	-	-	-	-	(0.00)
Memo (High Value Projects - ex ante) - Contractors	-	(0.04)	-	-	-	-	-	-	-	-	(0.04)
Memo (High Value Projects - ex ante) - Materials / Other / Related Party Margins	-	-	-	-	-	-	-	-	-	-	-
Indirect Activity Allocations to High value projects - ex ante	-	(0.09)	-	-	-	-	-	-	-	-	(0.09)
Memo (High Value Projects - reopener) - all rows	-	-	-	-	-	-	-	-	-	-	-
Memo: Statutory Non Op Depreciation - DNO Own	-	-	-	-	-	-	-	-	1.33	-	1.33
Memo: Statutory Non Op Depreciation - Related Part Totals	-	-	-	-	-	-	-	-	1.45	-	1.45
Memo: Statutory Non Op Depreciation - Transport	-	-	-	-	-	-	-	-	1.45	-	1.45
Costs after allocation of memo items	3.53	3.64	17.79	1.15	4.72	1.61	1.45	3.96	9.40	0.27	47.51
Some Columns will be linked to memo											
Net costs after allocation for RAV	3.7	3.9	18.2	1.2	4.7	1.6	1.5	4.1	6.8	0.3	45.9
Less Pension Direct	-0.7	-0.6	-1.9	-0.1	-0.8	-0.2	-0.1	-0.5	-0.1	0.0	-4.9
Less Pension Allocated to excluded services	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.8
Net costs after allocation for RAV excluding pensions	3.2	3.4	16.8	1.1	4.0	1.5	1.4	3.6	6.7	0.3	41.8
Some Columns will be linked to memo											
Employer DB pension scheme ongoing contributions	0.57	0.43	1.30	0.11	0.64	0.13	0.10	0.40	0.08	(0.00)	3.75
Employer DC pension scheme ongoing contributions	0.05	0.04	0.19	0.01	0.05	0.01	0.01	0.03	0.01	0.00	0.40
Pension scheme administration costs	0.05	0.04	0.16	0.01	0.04	0.01	0.01	0.03	0.01	0.00	0.35
PPF Levies	0.01	0.01	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.11
Employer DB pension scheme contributions to pension s	-	-	-	-	-	-	-	-	-	-	-
Incremental deficit recovery payments	0.05	0.04	0.15	0.01	0.04	0.01	0.01	0.03	0.01	0.00	0.33
Other pension costs included in the amount reported	-	-	-	-	-	-	-	-	-	-	-
Total pension costs reported, excluding established deficit reco	0.73	0.56	1.85	0.14	0.78	0.16	0.12	0.50	0.10	0.01	4.95
Check to Pension (row 29)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Atypicals Non Sev Weather (RAV), Smart Meters and Total RAV related Costs (£'m)

	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	**Total Smart Meters**	**TOTAL RAV related Costs**
Labour Total	-	2.20			2.20	61.67
Related Part Totals	-	2.20			2.20	61.67
Networks Ltd	-	2.20			2.20	60.81
Transport	-				-	0.86
Pensions	-	0.33			0.33	10.65
Related Part Totals	-	0.33			0.33	10.65
Networks Ltd	-	0.33			0.33	10.55
Transport	-				-	0.10
Contractors	-	-			-	95.60
Materials	-	0.17			0.17	26.59
Wayleaves (inc Easements/Servitudes)	-				-	5.05
Road Charges	-	0.11			0.11	0.37
Rent	-				-	0.15
Subscriptions	-	0.09			0.09	5.09
Related Party Margins	-				-	0.25
EFS	-				-	0.00
Transport	-				-	0.25
Total Gross Costs	-	2.89			2.89	205.43
Customer Contributions	-				-	(1.98)
Cost Recoveries	-				-	(3.31)
Total Net Costs Before Allocations	-	2.89			2.89	200.14
DNO Own	-				-	3.35
Related Party Totals	-	2.89			2.89	196.79
Networks Ltd	-	2.89			2.89	190.27
Transport	-				-	6.52
Total Net Costs Before Allocations	-	2.89			2.89	200.14
Check						0.00
Allocation of Income relating to non-op capex and Business						0.26
Allocation of Indirects - Labour (Connections outside of RAV)						(4.94)
Allocation of Indirects - Pensions						(0.68)
Allocation of Indirects - Contractors						(1.60)
Allocation of Indirects - Materials						(0.55)
Allocation of Indirects - Other						(0.04)
Allocation of Indirects - Related Party Margins						0.00
Indirect Activity Allocations to Connections outside of RAV						(7.81)
Allocation of Indirects - Labour (Non Distribution)						(0.59)
Allocation of Indirects - Pensions						(0.08)
Allocation of Indirects - Contractors						(0.19)
Allocation of Indirects - Materials						(0.07)
Allocation of Indirects - Other						(0.00)
Allocation of Indirects - Related Party Margins						-
Indirect Activity Allocations to Non Distribution (exc Connections)						(0.93)
Total Net Costs after allocation for RAV	-	2.89			2.89	191.66
Memo (Connections, excl. 3rd Party) - Labour						0.12
Memo (Connections, excl. 3rd Party) - Pensions						0.01
Memo (Connections, excl. 3rd Party) - Contractors						0.44
Memo (Connections, excl. 3rd Party) - Materials						0.15
Memo (Connections, excl. 3rd Party) - Other						0.07
Memo (Connections, excl. 3rd Party) - Related Party Margins						0.00
Indirect Activity Allocations to Connections (RAV related)"						0.79
Memo: Statutory Non Op Depreciation - DNO Own	-				-	1.33
Memo: Statutory Non Op Depreciation - Related Part Totals	-				-	1.45
Memo: Statutory Non Op Depreciation - Transport	-				-	1.45
Costs after allocation of memo items	-	2.89			2.89	195.23
Net costs after allocation for RAV	0.0	2.9			2.9	191.7
Less Pension Direct	0.0	-0.3			-0.3	-10.6
Less Pension Allocated to excluded services	0.0	0.0			0.0	0.8
Net costs after allocation for RAV excluding pensions	0.0	2.6			2.6	181.8
Employer DB pension scheme ongoing contributions	-	0.23			0.23	8.46
Employer DC pension scheme ongoing contributions	-	0.03			0.03	0.70
Pension scheme administration costs	-	0.03			0.03	0.64
PPF Levies	-	0.01			0.01	0.23
Employer DB pension scheme contributions to pension s	-	-			-	-
Incremental deficit recovery payments	-	0.03			0.03	0.63
Other pension costs included in the amount reported	-	-			-	-
Total pension costs reported, excluding established deficit reco	-	0.33			0.33	10.65
Check to Pension (row 29)	OK	OK			OK	OK

Business Support, Non Op Capex and Costs Within Price Control (£'m)

	Blank (inserted for consistency with ED1)	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	**Total Business Support Costs**	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	**Total Costs within Price Control**
Labour Total		0.75	2.50	1.32	1.22	0.27	6.06	-	-	-	67.73
Related Part Totals		0.75	2.50	1.32	1.22	0.27	6.06	-	-	-	67.73
Networks Ltd		0.75	2.50	1.32	1.22	0.27	6.06	-	-	-	66.87
Transport		-	-	-	-	-	-	-	-	-	0.86
Pensions		0.09	0.47	0.12	0.21	0.03	0.93	-	-	-	11.58
Related Part Totals		0.09	0.47	0.12	0.21	0.03	0.93	-	-	-	11.58
Networks Ltd		0.09	0.47	0.12	0.21	0.03	0.93	-	-	-	11.48
Transport		-	-	-	-	-	-	-	-	-	0.10
Contractors		0.94	1.28	0.50	7.50	1.98	12.21	10.57	-	-	118.39
Materials		0.06	0.04	0.22	0.02	0.09	0.43	1.31	-	-	28.32
Wayleaves (inc Easements/Servitudes)											5.05
Road Charges											0.37
Rent		-	3.04	-	-	2.29	5.32				5.47
Subscriptions		0.02	0.26	0.03	0.00	-	0.32				5.40
Related Party Margins											0.25
EFS											0.00
Transport											0.25
Total Gross Costs		1.87	7.59	2.19	8.96	4.65	25.26	11.88	-	-	242.56
Customer Contributions											(1.98)
Cost Recoveries		-	(0.24)	-	-	-	(0.24)	-			(3.55)
Total Net Costs Before Allocations		1.87	7.35	2.19	8.96	4.65	25.02	11.88	-	-	237.03
DNO Own		-	0.30	-	-	0.07	0.37	-			3.72
Related Party Totals		1.87	7.05	2.19	8.96	4.58	24.64	11.88	-	-	233.31
Networks Ltd		1.87	7.05	2.19	8.96	4.58	24.64	9.89	-	-	224.80
Transport								1.99			8.51
Total Net Costs Before Allocations		1.87	7.35	2.19	8.96	4.65	25.02	11.88	-	-	237.03
Check											0.00
Allocation of Income relating to non-op capex and Business		(0.02)	(0.06)	(0.03)	(0.10)	(0.06)	(0.26)	-			-
Allocation of Income relating to closely associated indirects											-
Allocation of Indirects - Labour (Connections outside of RAV)		(0.11)	(0.39)	(0.17)	(0.15)	(0.04)	(0.85)	(0.00)			(5.79)
Allocation of Indirects - Pensions		(0.01)	(0.05)	(0.01)	(0.01)	(0.00)	(0.09)	0.00			(0.77)
Allocation of Indirects - Contractors		(0.12)	(0.10)	(0.06)	(0.95)	(0.26)	(1.49)	(1.31)			(4.40)
Allocation of Indirects - Materials		(0.01)	(0.01)	(0.04)	(0.00)	(0.01)	(0.07)	(0.80)			(1.42)
Allocation of Indirects - Other		(0.00)	(0.12)	(0.00)	(0.00)	(0.33)	(0.46)	-			(0.50)
Allocation of Indirects - Related Party Margins		-	-	-	(0.01)	-	(0.01)	-			(0.01)
Indirect Activity Allocations to Connections outside of RAV		(0.25)	(0.66)	(0.29)	(1.13)	(0.65)	(2.97)	(2.11)			(12.89)
Allocation of Indirects - Labour (Non Distribution)		(0.01)	(0.05)	(0.02)	(0.02)	(0.00)	(0.10)	(0.00)	-	-	(0.69)
Allocation of Indirects - Pensions		(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	0.00	-	-	(0.09)
Allocation of Indirects - Contractors		(0.01)	(0.01)	(0.01)	(0.11)	(0.03)	(0.18)	(0.13)	-	-	(0.50)
Allocation of Indirects - Materials		(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.08)	-	-	(0.16)
Allocation of Indirects - Other		(0.00)	(0.01)	(0.00)	(0.00)	(0.04)	(0.06)	-	-	-	(0.06)
Allocation of Indirects - Related Party Margins		-	-	-	(0.00)	-	(0.00)	-	-	-	(0.00)
Indirect Activity Allocations to Non Distribution (exc Connections)		(0.03)	(0.08)	(0.03)	(0.13)	(0.08)	(0.35)	(0.21)	-	-	(1.50)
Total Net Costs after allocation for RAV		1.57	6.55	1.85	7.59	3.87	21.43	9.56	-	-	222.65
Check: Total allocated to worksheets											-
Memo (Connections, excl. 3rd Party) - Labour		(0.02)	(0.06)	(0.02)	(0.02)	(0.01)	(0.12)	(0.00)			(0.00)
Memo (Connections, excl. 3rd Party) - Pensions		(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.00)	0.00			(0.00)
Memo (Connections, excl. 3rd Party) - Contractors		(0.02)	(0.01)	(0.01)	(0.14)	(0.04)	(0.21)	(0.22)			0.00
Memo (Connections, excl. 3rd Party) - Materials		(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.14)			0.00
Memo (Connections, excl. 3rd Party) - Other		(0.00)	(0.02)	(0.00)	(0.00)	(0.05)	(0.07)	-			-
Memo (Connections, excl. 3rd Party) - Related Party Margins		-	-	-	(0.00)	-	(0.00)	-			(0.00)
Indirect Activity Allocations to Connections (RAV related)"		(0.04)	(0.10)	(0.04)	(0.16)	(0.09)	(0.43)	(0.36)			(0.00)
Memo (Part Funded Connections) - all rows		-	-	-	-	-	-	-			-
Memo (High Value Projects - ex ante / reopener) - all rows											-
Memo: Statutory Non Op Depreciation - DNO Own		-	-	-	2.92	0.35	3.26	1.16	-	-	5.76
Memo: Statutory Non Op Depreciation - Related Part Totals		-	-	-	-	-	-	-	-	-	1.45
Memo: Statutory Non Op Depreciation - Transport		-	-	-	-	-	-	-	-	-	1.45
Costs after allocation of memo items		1.53	6.46	1.80	10.35	4.13	24.26	10.36	-	-	229.85
Net costs after allocation for RAV		1.6	6.6	1.8	7.6	3.9	21.4	9.6	0.0	0.0	222.6
Less Pension Direct		-0.1	-0.5	-0.1	-0.2	0.0	-0.9	0.0	0.0	0.0	-11.6
Less Pension Allocated to excluded services		0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9
Net costs after allocation for RAV excluding pensions		1.5	6.1	1.7	7.4	3.8	20.6	9.6	0.0	0.0	211.9
Employer DB pension scheme ongoing contributions		0.07	0.39	0.10	0.17	0.03	0.75	-	-	-	9.20
Employer DC pension scheme ongoing contributions		0.01	0.03	0.01	0.01	0.00	0.06	-	-	-	0.76
Pension scheme administration costs		0.01	0.02	0.01	0.01	0.00	0.05	-	-	-	0.69
PPF Levies		0.00	0.01	0.00	0.00	0.00	0.02	-	-	-	0.25
Employer DB pension scheme contributions to pension s		-	-	-	-	-	-	-	-	-	-
Incremental deficit recovery payments		0.01	0.02	0.01	0.01	0.00	0.05	-	-	-	0.68
Other pension costs included in the amount reported		-	-	-	-	-	-	-	-	-	-
Total pension costs reported, excluding established deficit reco		0.09	0.47	0.12	0.21	0.03	0.93	-	-	-	11.58
Check to Pension (row 29)		OK	OK	OK	OK	OK	OK	OK	OK		OK

Non Price Control, NABC and Total DNO (£'m)

	Element of connection that is Sole Use funded (Excl services)	Connection projects UMC; DPCR5 (Excl services)	Blank column added to maintain consistency	**Connections (Non Price Control)**	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	**Total Costs outside Price Control**	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	**Total Non Activity Based costs**	**Total DNO**	
Labour Total	3.51	0.15		3.66	0.54	-	4.20	-	-		-	71.93	
Related Part Totals	3.51	0.15		3.66	0.54	-	4.20	-	-		-	71.93	
Networks Ltd	3.51	0.15		3.66	0.54	-	4.20	-	-		-	71.07	
Transport	-	-		-	-	-	-	-	-		-	0.86	
Pensions	0.46	0.03		0.48	0.06	-	0.54	-	-		-	12.12	
Related Part Totals	0.46	0.03		0.48	0.06	-	0.54	-	-		-	12.12	
Networks Ltd	0.46	0.03		0.48	0.06	-	0.54	-	-		-	12.02	
Transport	-	-		-	-	-	-	-	-		-	0.10	
Contractors	10.72	2.36		13.08	1.94	-	15.02					133.41	
Materials	5.71	0.22		5.92	0.41	-	6.33					34.66	
Wayleaves (inc Easements/Servitudes)	0.23	-		0.23	0.01	-	0.24					5.29	
Road Charges	0.18	0.02		0.20	0.01	-	0.21					0.58	
Rent	-	-										5.47	
Subscriptions	-	-						36.03	28.13		64.16	69.56	
Related Party Margins	-	-		-	0.00	-	0.00					0.26	
Networks Ltd												-	Disallowed
EFS					0.00		0.00					0.00	Disallowed
Transport												0.25	Disallowed
Total Gross Costs	20.80	2.78		23.58	2.97	-	26.55	36.03	28.13		64.16	333.28	
Customer Contributions	(33.58)	(4.06)		(37.63)	-	-	(37.63)					(39.61)	
Cost Recoveries	-	-		-	-	-	-					(3.55)	
Total Net Costs Before Allocations	(12.78)	(1.27)		(14.05)	2.97	-	(11.08)	36.03	28.13		64.16	290.12	
DNO Own	-	-		-	-	-	-	36.03	28.13		64.16	67.88	
Related Party Totals	(12.78)	(1.27)		(14.05)	2.97	-	(11.08)	-	-		-	222.23	
Networks Ltd	(12.78)	(1.27)		(14.05)	2.40	-	(11.66)	-	-		-	213.15	
EFS	-	-		-	0.58	-	0.58	-	-		-	0.58	
Transport	-	-		-	-	-	-	-	-		-	8.51	
Total Net Costs Before Allocations	(12.78)	(1.27)		(14.05)	2.97	-	(11.08)	36.03	28.13		64.16	290.12	
Check	-	-		-	-	-	-	-	-		-	0.00	
Allocation of Indirects - Labour (Connections outside of RAV)	5.30	0.49		5.79			5.79					-	OK
Allocation of Indirects - Pensions	0.70	0.07		0.77			0.77					0.00	OK
Allocation of Indirects - Contractors	4.01	0.38		4.40			4.40					-	OK
Allocation of Indirects - Materials	1.30	0.12		1.42			1.42					-	OK
Allocation of Indirects - Other	0.45	0.05		0.50			0.50					0.00	OK
Allocation of Indirects - Related Party Margins	0.01	0.00		0.01			0.01					-	OK
Indirect Activity Allocations to Connections outside of RAV	11.78	1.11		12.89			12.89					0.00	OK
Allocation of Indirects - Labour (Non Distribution)				-	0.69	-	0.69	-	-		-	-	OK
Allocation of Indirects - Pensions				-	0.09	-	0.09	-	-		-	-	OK
Allocation of Indirects - Contractors				-	0.50	-	0.50	-	-		-	-	OK
Allocation of Indirects - Materials				-	0.16	-	0.16	-	-		-	-	OK
Allocation of Indirects - Other				-	0.06	-	0.06	-	-		-	-	OK
Allocation of Indirects - Related Party Margins				-	0.00	-	0.00	-	-		-	-	OK
Indirect Activity Allocations to Non Distribution (exc Connections)				-	1.50	-	1.50	-	-		-	0.00	OK
Total Net Costs after allocation for RAV	(1.00)	(0.16)		(1.17)	4.47	-	3.31	36.03	28.13		64.16	290.12	
Memo (Connections, excl. 3rd Party) - Labour												(0.00)	OK
Memo (Connections, excl. 3rd Party) - Pensions												(0.00)	OK
Memo (Connections, excl. 3rd Party) - Contractors												0.00	OK
Memo (Connections, excl. 3rd Party) - Materials												0.00	OK
Memo (Connections, excl. 3rd Party) - Other												-	OK
Memo (Connections, excl. 3rd Party) - Related Party Margins												(0.00)	OK
Indirect Activity Allocations to Connections (RAV related)"												(0.00)	OK
Memo (Part Funded Connections) - each of 7 rows												-	OK
Memo (High Value Projects - ex ante) - each of 7 rows													OK
Memo (High Value Projects - reopener) - each of 7 rows													OK
Memo: Statutory Non Op Depreciation - DNO Own	-	-		-	-	-	-	-	-		-	5.76	
Memo: Statutory Non Op Depreciation - Related Part Totals	-	-		-	-	-	-	-	-		-	1.45	
Memo: Statutory Non Op Depreciation - Transport	-	-		-	-	-	-	-	-		-	1.45	
Costs after allocation of memo items	(1.00)	(0.16)		(1.17)	4.47	-	3.31	36.03	28.13		64.16	297.32	
Net costs after allocation for RAV	-1.0	-0.2		-1.2	4.5	0.0	3.3	36.0	28.1		64.2	290.1	
Less Pension Direct	-0.5	0.0		-0.5	-0.1	0.0	-0.5	0.0	0.0		0.0	-12.1	
Less Pension Allocated to excluded services	-0.7	-0.1		-0.8	-0.1	0.0	-0.9	0.0	0.0		0.0	0.0	
Net costs after allocation for RAV excluding pensions	-2.2	-0.3		-2.4	4.3	0.0	1.9	36.0	28.1		64.2	278.0	
Employer DB pension scheme ongoing contributions	0.39	0.02		0.41	0.04	-	0.45	-	-		-	9.65	
Employer DC pension scheme ongoing contributions	0.02	0.00		0.02	0.01	-	0.03	-	-		-	0.79	
Pension scheme administration costs	0.02	0.00		0.02	0.01	-	0.03	-	-		-	0.72	
PPF Levies	0.01	0.00		0.01	0.00	-	0.01	-	-		-	0.26	
Employer DB pension scheme contributions to pension s	-	-		-	-	-	-	-	-		-	-	
Incremental deficit recovery payments	0.02	0.00		0.02	0.01	-	0.03	-	-		-	0.70	
Other pension costs included in the amount reported	-	-		-	-	-	-	-	-		-	-	
Total pension costs reported, excluding established deficit reco	0.46	0.03		0.48	0.06	-	0.54	-	-		-	12.12	
Check to Pension (row 29)	OK	OK		OK	OK	OK	OK	OK			OK	OK	

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2021

| | Connections: Connection projects: Pole | Diversion of connection that is subject to the Connection Charging Policy (DUoS funded) | Diversion of connection that is subject to the Connection Charging Policy (customer funded) | Core Costs: Rural Expansion (Rural classification) | Core Costs: Rural Expansion (Non rural classification) | Core Costs: Reinforcement | Core Costs: Necessary Connection/Fences | Core Costs: PSDCPS | Core Costs: Asset Replacement | Core Costs: Refurbishment | Core Costs: Civil Works | Core Costs: Operational IT & Telecoms | Core Costs: Legal & Safety | Core Costs: Pole - re-arm funded | Core Costs: Pole - DNO funded | Core Costs: High Value Projects - Opener | Core Costs: High Value Projects - Reopener | Core Costs: Total Core Costs | Non core: Flooding | Non core: EHV12A | Non core: Technical losses and ce | Non core: High impact low-frequ | Non core: Critical National Infrastr | Non core: Black Start | Non core: Rising Mains and Sales | Non core: Unregulated activities - Non-prospect area | Non core: Access Forward Planning Costs | Stand Alone Funding (RAV): Non Network Costs | Network Operating Costs (RAV): Faults Call (CVX16) | Faults Cable (CVX18) | Faults Overhead Line (CVX19) | Network Maintenance & Refurbishment | Tree Cutting | SDC's Lump | Network Operating Costs | Network Design & Engineering | Project Management | Engineering Mgt & Engineering Support | Regional Mapping - Cartographical | Control Centre | Call Centre | Stores | Operational Training | Vehicles & Transport | Network Policy | Closely Associated Indirects | Atypicals Non Sev Weather (RAV) | Atypicals Non Sev Weather | Smart Meters: Smart Meters - Costs subject to price control | Smart Meters: Smart Meters - Costs subject to pass through | Total Smart Meters | TOTAL RAV related Costs | Business Support: Rates (incurred for Business Support) | HR & Non-operational Training | Finance & Regulation | IMD | IT & Telecoms | Property Mgt | Business Support Costs | Non Op Capex | Atypicals Non Sev Weather (non RAV) | Stand Alone Funding (not RAV) | Costs Within Price Control: Total Costs within Price Control | Non Price Control: Connections outside of RAV: Rail to Seat (tax funded) | Connections outside of RAV: Connection projects (LMZ, DPCR5) | Connections outside of RAV: Black colours added to maintain consistency | Connections (Non Price Control) | Non Price Control | Atypicals Non Sev Weather (Non Price Control) | Costs outside Price Control: Total Costs outside Price Control | NABC: Pass through | NABC: Stakeholder/Pressures Deficit Repair | NABC: Network Innovation | NABC: Total New Activity Based costs | Total DNO: Total DNO | |
|---|---|---

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2022

| | Connections: Connections: Non-Core Connections: Total Connections | Diversion of connection that is subject to the Connection Charging Methodology (DUoS funded) | Diversion of connection that is subject to the Connection Charging Methodology (customer funded) | Core Costs: Refurbishment (Asset Replacement) | Core Costs: Refurbishment (Asset Enhancement) | Core Costs: Refurbishment (Asset Risk Classification) | Core Costs: Refurbishment | Core Costs: Pressure Vessels | Core Costs: Pressure Connections/Fences | Core Costs: PSDCPS | Core Costs: Asset Replacement | Core Costs: Refurbishment | Core Costs: Civil Works | Core Costs: Operational IT & Telecoms | Core Costs: Legal & Safety | Core Costs: Civil - re-arms funded | Core Costs: Civil - DNO funded | Core Costs: High Value Projects - Opener | Core Costs: High Value Projects - Reopener | Core Costs: Total Core Costs | Non core: Flooding | Non core: EHV12A | Non core: Technical losses and c | Non core: High impact low-frequ | Non core: Critical National Infrastr | Non core: Black Start | Non core: Rising Mains and Sales | Non core: Unregulated activitie | Stand Alone Funding (RAV) | Non Network Investment Costs | Network Operating Costs: Trouble Call (CV10a) | Network Operating Costs: Dfes (CV10b) | Network Operating Costs: Severe Weather - Storms | Network Operating Costs: Repairs & Maintenance | Network Operating Costs: Tree Cutting | Network Operating Costs: NOC's Lo | Network Operating Costs: Network Operating Costs | Closely associated Indirects: Network Design & Engineering | Closely associated Indirects: Project Management | Closely associated Indirects: Engineering Mgt & Engineering Support | Closely associated Indirects: Regional Mapping - Cartographical | Closely associated Indirects: Control Centre | Closely associated Indirects: Call Centre | Closely associated Indirects: Stores | Closely associated Indirects: Operational Training | Closely associated Indirects: Vehicles & Transport | Closely associated Indirects: Network Policy | Closely Associated Indirects: Total Indirects | Atypicals Non Sev Weather (RAV) | Atypicals Non Sev Weather | Smart Meters: Smart Meters - Costs subject to price control | Smart Meters: Smart Meters - Costs subject to pass through | Smart Meters: Total Smart Meters | TOTAL RAV related Costs | Business Support: Business Support (Non Direct) | Business Support: HR & Non-operational Training | Business Support: Finance & Regulation | Business Support: IMD | Business Support: IT & Telecoms | Business Support: Property Mgt | Business Support: Total Business Support Costs | Non Op Capex | Atypicals Non Sev Weather (non RAV) | Stand Alone Funding (not RAV) | Costs Within Price Control: Total Costs within Price Control | Non Price Control: Connections outside of RAV: Connection Charges (Asset Rate) | Non Price Control: Connections outside of RAV: Connection Charges (Non Asset Rate) | Non Price Control: Connections outside of RAV: Connection Charges (Non Asset Rate) | Non Price Control: Connections outside of RAV: Connection Charges (Non Asset Rate) | Non Price Control: Connections (Non Price Control) | Non Price Control | Atypicals Non Sev Weather (Non Price Control) | Costs outside Price Control: Total Costs outside Price Control | NABC: Pass through | NABC: Stakeholder/Consumer Deficit Repaid | NABC: Incentives | NABC: Innovation activity allowed costs | NABC: Total New Activity Based costs | Total DNO: Total DNO |
|---|---|---

C1: Summary - Cost Matrix
SPN
Price base (2012/13)

C1 - Costs Matrix 2023

Row	Cost Type	Connections: Connection projects (SPC/F4) £'m	Connections: Element of connection that is subject to the competitive market - DUoS funded £'m	Connections: Element of connection that is subject to the competitive market - Customer funded £'m	Network Investment Costs (RAV): Connections (Excluding where 3rd Party carries out DUoS funded work): Diversions (Rail/ Road/Waterway) £'m	Reinforcement £'m	Disconnection/ Modification of Assets £'m	IT&T £'m	EPQ&R £'m	Asset Replacement £'m	Refurbishment £'m	Civil Works £'m	Operational IT & Telecoms £'m	Legal & Safety £'m	QoS - ex ante funded £'m	QoS - DNO funded £'m	High Value Projects - ex ante £'m	High Value Projects - reopener £'m	Total Core Costs £'m	Rounding £'m	IBPT&CN £'m	Additional Market and Ind £'m	High Impact Low Probab £'m	Critical Additional Infrastr £'m	Black Start £'m	Rising Mains and Laterals £'m	Stand Alone Funding (Not Distrib designated) £'m	Asset Spread Solutions £'m	Total Network Investment Costs £'m
1	**Cost Type**																												
2	Labour Total		0.23	0.21	0.29	-	0.95	-	0.12	7.08	0.26	0.63	0.42	0.33	-	0.03			10.07	0.01	0.06	0.01	-	-	-	0.89	-	0.03	11.51
3	DNO Own																												
4	Related Part Totals		0.23	0.21	0.29	-	0.95	-	0.12	7.08	0.26	0.63	0.42	0.33	-	0.03			10.07	0.01	0.06	0.01	-	-	-	0.89	-	0.03	11.51
5	Networks Ltd		0.23	0.21	0.29	-	0.95	-	0.12	7.08	0.26	0.63	0.42	0.33	-	0.03			10.07	0.01	0.06	0.01	-	-	-	0.89	-	0.03	11.51
6	Contracting																												
7	EFS																												
8	Transport																												
9	Corporate																												
10	Energy Sourcing & Customer Supply																												
11	Nuclear Branch																												
12	London Captive Insurance																												
13	Development																												
14	IT																												
15	- none -																												
16	- none -																												
17	- none -																												
18	- none -																												
19	Check																												
20	Pensions		0.03	0.03	0.05	-	0.16	-	0.02	1.43	0.05	0.11	0.07	0.06	-	0.01			1.95	0.00	0.01	0.00	-	-	-	0.15	-	0.01	2.19
21	DNO Own																												
22	Related Part Totals		0.03	0.03	0.05	-	0.16	-	0.02	1.43	0.05	0.11	0.07	0.06	-	0.01			1.95	0.00	0.01	0.00	-	-	-	0.15	-	0.01	2.19
23	Networks Ltd		0.03	0.03	0.05	-	0.16	-	0.02	1.43	0.05	0.11	0.07	0.06	-	0.01			1.95	0.00	0.01	0.00	-	-	-	0.15	-	0.01	2.19
24	Contracting																												
25	EFS																												
26	Transport																												
27	Corporate																												
28	Energy Sourcing & Customer Supply																												
29	Nuclear Branch																												
30	London Captive Insurance																												
31	Development																												
32	IT																												
33	- none -																												
34	- none -																												
35	- none -																												
36	- none -																												
37	Check																												
38	Contractors		1.61	0.72	3.11	-	13.88	-	2.21	17.71	2.00	2.59	3.62	2.20	-	0.03			47.32	0.28	0.79	0.37	-	-	-	0.84	1.35	0.03	53.30
39	Materials		0.88	0.36	0.96	-	4.53	-	0.69	5.50	0.35	0.92	1.10	0.40	-	0.29			14.46	0.00	0.07	0.01	-	-	-	0.11	0.38	0.28	16.54
40	Wayleaves (inc. Easements/Servitudes)		0.04	0.01	3.08	-	0.32	-	0.00	0.11	0.02	0.00	-	0.06	-	0.00			3.59				-	-	-	-	0.00	0.00	3.65
41	Road Charges		0.00	0.01	0.00	-	0.03	-	0.00	0.02	0.00	0.00	-	0.00	-	0.00			0.05				-	-	-	0.00	-	0.00	0.08
42	Rent																												
43	Subscriptions							3.43											3.43										3.43
44	Related Party Margins																												
45	Networks Ltd																												
46	Contracting																												
47	EFS																												
48	Transport																												
49	Corporate																												
50	Energy Sourcing & Customer Supply																												
51	Nuclear Branch																												
52	London Captive Insurance																												
53	Development																												
54	IT																												
55	- none -																												
56	- none -																												
57	- none -																												
58	- none -																												
59	Check																												
60	**Total Gross Costs**		**2.80**	**1.35**	**7.49**	-	**19.88**	**3.43**	**3.05**	**31.84**	**2.68**	**4.24**	**5.21**	**3.04**	-	**0.36**			**80.86**	**0.29**	**0.94**	**0.39**	-	-	-	**1.99**	**1.73**	**0.35**	**90.70**
61	Customer Contributions			(1.90)																									(1.90)
62	Cost Recoveries																												
63	**Total Net Costs Before Allocations**		**2.80**	**(0.63)**	**7.49**	-	**19.88**	**3.43**	**3.05**	**31.84**	**2.68**	**4.24**	**5.21**	**3.04**	-	**0.36**			**80.86**	**0.29**	**0.94**	**0.39**	-	-	-	**1.99**	**1.73**	**0.35**	**88.72**
64	**Total Costs by Source:**																												
65	DNO Own																												
66	Related Party Totals		**2.80**	**(0.63)**	**7.49**	-	**19.88**	**3.43**	**3.05**	**31.84**	**2.68**	**4.24**	**5.21**	**3.04**	-	**0.36**			**80.86**	**0.29**	**0.94**	**0.39**	-	-	-	**1.99**	**1.73**	**0.35**	**88.72**
67	Networks Ltd		2.80	(0.63)	7.49	-	19.88	3.43	3.05	31.84	2.68	4.24	5.21	3.04	-	0.36			80.86	0.29	0.94	0.39	-	-	-	1.99	1.73	0.35	88.72
68	Contracting																												
69	EFS																												
70	Transport																												
71	Corporate																												
72	Energy Sourcing & Customer Supply																												
73	Nuclear Branch																												
74	London Captive Insurance																												
75	Development																												
76	IT																												
77	- none -																												
78	- none -																												
79	- none -																												
80	- none -																												
81	**Total Net Costs Before Allocations**		2.80	(0.63)	7.49	-	19.88	3.43	3.05	31.84	2.68	4.24	5.21	3.04	-	0.36			80.86	0.29	0.94	0.39	-	-	-	1.99	1.73	0.35	88.72
82	Check																												
83																													
84	**Allocation of income relatino to non-oo capex and Business**			0.27																									0.27
85	**Allocation of income relatino to closely associated indirects**			0.36																									0.36
86																													
87	Allocation of Indirects - Labour																												
88	Allocation of Indirects - Pensions																												
89	Allocation of Indirects - Contractors																												
90	Allocation of Indirects - Materials																												
91	Allocation of Indirects - Other																												
92	Allocation of Indirects - Related Party Margins																												
93	**Indirect Activity Allocations to Connections outside of RAV**																												
94																													
95	Allocation of Indirects - Labour																												
96	Allocation of Indirects - Pensions																												
97	Allocation of Indirects - Contractors																												
98	Allocation of Indirects - Materials																												
99	Allocation of Indirects - Other																												
100	Allocation of Indirects - Related Party Margins																												
101	**Indirect Activity Allocations to Non Distribution (exc Connections)**																												
102																													
103	**Total Net Costs after allocation for RAV**		2.80	(0.00)	7.49	-	19.88	3.43	3.05	31.84	2.68	4.24	5.21	3.04	-	0.36			80.86	0.29	0.94	0.39	-	-	-	1.99	1.73	0.35	89.35
104	**Check: Total allocated to worksheets**																												
105																													
106	**Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Excluting where 3rd Party carries out DUoS funded work)**																												
107	Allocation of Indirects - Labour			0.56	0.24																								0.79
108	Allocation of Indirects - Pensions			0.07	0.03																								0.10
109	Allocation of Indirects - Contractors			0.44	0.24																								0.68
110	Allocation of Indirects - Materials			0.14	0.10																								0.24
111	Allocation of Indirects - Other			0.05	0.02																								0.07
112	Allocation of Indirects - Related Party Margins			0.00	0.00																								0.00
113	**Indirect Activity Allocations to Connections (RAV related)***			1.26	0.63																								1.88
114																													
115	**Memo: Indirect Activity Allocation to Network Investment Costs (RAV) - Connections (Where 3rd Party carries out DUoS funded work)**																												
116	Allocation of Indirects - Labour																												
117	Allocation of Indirects - Pensions																												
118	Allocation of Indirects - Contractors																												
119	Allocation of Indirects - Materials																												
120	Allocation of Indirects - Other																												
121	Allocation of Indirects - Related Party Margins																												
122	**Indirect Activity Allocations to Part Funded Connections (RAV related)**																												
123																													
124	**Memo: Indirect Activity Allocation to High Value Projects - ex ante**																												
125	Allocation of Indirects - Labour																												
126	Allocation of Indirects - Pensions																												
127	Allocation of Indirects - Contractors																												
128	Allocation of Indirects - Materials																												
129	Allocation of Indirects - Other																												
130	Allocation of Indirects - Related Party Margins																												
131	**Indirect Activity Allocations to High value projects - ex ante**																												
132																													
133	**Memo: Indirect Activity Allocation to High Value Projects - reopener**																												
134	Allocation of Indirects - Labour																												
135	Allocation of Indirects - Pensions																												
136	Allocation of Indirects - Contractors																												
137	Allocation of Indirects - Materials																												
138	Allocation of Indirects - Other																												
139	Allocation of Indirects - Related Party Margins																												
140	**Indirect Activity Allocations to High value projects - reopener**																												
141																													
142	**Memo: Statutory Non Op Depreciation**																												
143	DNO Own																												
144	Related Part Totals		-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-
145	Networks Ltd																												
146	Contracting																												
147	EFS																												
148	Transport																												
149	Corporate																												
150	Energy Sourcing & Customer Supply																												
151	Nuclear Branch																												
152	London Captive Insurance																												
153	Development																												
154	IT																												
155	- none -																												
156	- none -																												
157	- none -																												
158	- none -																												
159	**Memo: Statutory Allocation (of Total Net costs after allocation)**																												
160																													
161	**Memo: LCN Direct Benefits**																												
162																													
163	**Costs after allocation of memo items**		4.06	0.63	7.49	-	19.88	3.43	3.05	31.84	2.68	4.24	5.21	3.04	-	0.36			80.86	0.29	0.94	0.39	-	-	-	1.99	1.73	0.35	91.25
164																													
165	Comparison to FBPQ/Allowance																												
166	Net costs after allocation for RAV	0.0	2.8	0.0	7.5	0.0	19.9	3.4	3.0	31.8	2.7	4.2	5.2	3.0	0.0	0.4	0.0		80.9	0.3	0.9	0.4	0.0	0.0	0.0	2.0	1.7	0.3	89.4
167	Less Pension Direct	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-1.4	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0		-2.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-2.2
168	Less Pension Allocated to excluded services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169	Net costs after allocation for RAV excluding pensions	0.0	2.8	0.0	7.4	0.0	19.7	3.4	3.0	30.4	2.6	4.1	5.1	3.0	0.0	0.4	0.0		78.9	0.3	0.9	0.4	0.0	0.0	0.0	1.8	1.7	0.3	87.2
170																													
171	Employer DB pension scheme ongoing contributions		0.03	0.01	0.04		0.12		0.01	1.22	0.03	0.08	0.05	0.04		0.00			1.59	0.00	0.01	0.00				0.12		0.00	1.76
172	Employer DC pension scheme ongoing contributions		0.00	0.00	0.00		0.01		0.00	0.06	0.01	0.01	0.01	0.00		0.00			0.10		0.00	0.00				0.01		0.00	0.12
173	Pension scheme administration costs		0.00	0.01	0.00		0.01		0.00	0.07	0.01	0.01	0.01	0.00		0.00			0.11		0.00	0.00				0.01		0.00	0.14
174	PPF Levies		0.00	0.00	0.00		0.00		0.00	0.02	0.00	0.00	0.00	0.00		0.00			0.03		0.00	0.00				0.00		0.00	0.04
175	Employer DB pension scheme contributions to pension s																												
176	Deficit/Surplus		0.00	0.01	0.00		0.01		0.00	0.06	0.01	0.01	0.01	0.00		0.00			0.11		0.00	0.00				0.01		0.00	0.13
177	Other pension costs included in the deficit/ reported																												
178	**Total pension costs reported, excluding established deficit recov**	-	0.03	0.03	0.05	-	0.16	-	0.02	1.43	0.05	0.11	0.07	0.06	-	0.01			1.95	0.00	0.01	0.00	-	-	-	0.15	-	0.01	2.19
179	Check to Pension row (9)																												

Row	Cost Type	Network Operating Costs (RAV): Network Operating Costs: Trouble Call (CV:5a) £'m	Fault (CV:13b) £'m	Service Repairs - Keyside £'m	Inspections & Maintenance £'m	Tree Cutting £'m	NOCs other £'m	Network Operating Costs £'m	Closely associated Indirects (RAV): Closely associated Indirects: Network Design & Engineering £'m	Project Management £'m	Engineering Mgt & Clerical Support £'m	System Mapping - Records Keeping £'m	Control Centre £'m	Call Centre £'m	Stores £'m	Operational Training £'m	Vehicles & Transport £'m	Network Policy £'m	Closely Associated Indirects £'m	Atypicals Non Serv Weather (RAV): Atypicals Non Serv Weather: Keyside Non Serv Weather £'m	Smart Meters: Smart Meters: Costs Adjusted to be wide funding £'m	Smart Meters: Costs Adjusted to volume driver £'m	Smart Meters: Costs adjusted to pass through £'m	Total Smart Meters £'m	TOTAL RAV related Costs £'m
1	**Cost Type**																								
2	Labour Total	7.62	2.12	0.25	3.48	0.10	-	13.56	3.82	3.19	13.80	0.57	3.95	1.58	0.62	3.56	0.45	0.13	31.68						56.75
3	DNO Own																								
4	Related Part Totals	7.62	2.12	0.25	3.48	0.10	-	13.56	3.82	3.19	13.80	0.57	3.95	1.58	0.62	3.56	0.45	0.13	31.68						56.75
5	Networks Ltd	7.62	2.12	0.25	3.48	0.10	-	13.56	3.78	3.15	13.64	0.57	3.95	1.58	0.62	3.56	-	0.12	30.98						56.00
6	Contracting																								
7	EFS																								
8	Transport								0.04	0.04	0.16						0.45	0.01	0.69						0.69
9	Corporate																								
10	Energy Sourcing & Customer Supply																								
11	Nuclear Branch																								
12	London Captive Insurance																								
13	Development																								
14	IT																								
15	- none -																								
16	- none -																								
17	- none -																								
18	- none -																								
19	Check																								
20	Pensions	1.37	0.40	0.03	0.67	0.02	-	2.49	0.53	0.45	1.35	0.11	0.68	0.12	0.09	0.40	0.08	0.01	3.81						8.49
21	DNO Own																								
22	Related Part Totals	1.37	0.40	0.03	0.67	0.02	-	2.49	0.53	0.45	1.35	0.11	0.68	0.12	0.09	0.40	0.08	0.01	3.81						8.49
23	Networks Ltd	1.37	0.40	0.03	0.67	0.02	-	2.49	0.53	0.45	1.35	0.11	0.68	0.12	0.09	0.40	-	0.01	3.74						8.41
24	Contracting																								
25	EFS																								
26	Transport																0.08		0.08						0.08
27	Corporate																								
28	Energy Sourcing & Customer Supply																								
29	Nuclear Branch																								
30	London Captive Insurance																								
31	Development																								
32	IT																								
33	- none -																								
34	- none -																								
35	- none -																								
36	- none -																								
37	Check																								
38	Contractors	10.66	2.00	0.41	3.02	7.89	1.33	25.32	0.42	0.88	2.87	0.56	0.00	0.05	0.71	0.51	3.09	0.12	9.21						87.83
39	Materials	2.39	0.10	0.07	1.14	0.01	-	3.71	0.02	0.06	0.35	0.01	0.00	0.06	0.25	0.18	4.02	0.01	4.95						25.20
40	Wayleaves (inc. Easements/Servitudes)	0.01	0.00	-	0.00	-	-	0.01	-	1.68	-	-	-	-	-	-	-	-	1.68						5.34
41	Road Charges	0.08	0.11	0.07	-	0.01	0.00	0.19																	0.27
42	Rent															0.15	-	0.15							0.15
43	Subscriptions						1.10	1.10	0.00	0.00	0.04	0.35	-	0.01	0.07	-	0.00	0.47		0.53			0.53	0.53	5.52
44	Related Party Margins				0.00	-	-	0.00								0.25	-	0.25							0.25
45	Networks Ltd																								
46	Contracting				0.00		-	0.00								0.00									0.00
47	EFS															0.25	-	0.25							0.25
48	Transport																								
49	Corporate																								
50	Energy Sourcing & Customer Supply																								
51	Nuclear Branch																								
52	London Captive Insurance																								
53	Development																								
54	IT																								
55	- none -																								
56	- none -																								
57	- none -																								
58	- none -																								
59	Check				0.00																				
60	**Total Gross Costs**	**22.16**	**4.68**	**0.75**	**8.33**	**8.01**	**2.43**	**46.37**	**4.79**	**4.58**	**20.07**	**1.60**	**4.63**	**1.82**	**1.75**	**4.81**	**7.89**	**0.27**	**52.22**		**0.53**			**0.53**	189.81
61	Customer Contributions																								(1.90)
62	Cost Recoveries	(3.31)						(3.31)																	(3.31)
63	**Total Net Costs Before Allocations**	**18.85**	**4.68**	**0.75**	**8.33**	**8.01**	**2.43**	**43.05**	**4.79**	**4.58**	**20.07**	**1.60**	**4.63**	**1.82**	**1.75**	**4.81**	**7.89**	**0.27**	**52.22**		**0.53**			**0.53**	184.52
64	**Total Costs by Source:**																								
65	DNO Own					1.10	1.10				1.68	0.35			0.10		-		2.14						3.24
66	Related Party Totals	**18.85**	**4.68**	**0.75**	**8.33**	**8.01**	**1.33**	**41.96**	**4.79**	**4.58**	**18.39**	**1.25**	**4.63**	**1.82**	**1.65**	**4.81**	**7.89**	**0.27**	**50.08**		**0.53**			**0.53**	181.28
67	Networks Ltd	18.85	4.68	0.75	8.33	8.01	1.33	41.96	4.75	4.54	18.24	1.25	4.63	1.82	1.65	4.81	1.81	0.26	43.75		0.53			0.53	174.86
68	Contracting																-		-						
69	EFS																-		-						
70	Transport								0.04	0.04	0.16						6.08	0.01	6.33						6.33
71	Corpor

CS1: Check Sheet
SPN
Price base (2012/13)

All checks ok ERROR

Yellow fill = source removed from BP pack

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	ED1
C5	Check to cost matrix		0	0	0	0	0	0	0	0	0	0	0	0	0	
C5	Check: Total Pensions is equal to reported costs on the Cost Matrix		0	0	0	0	0	0	0	0	0	0	0	0	0	
C8	Allowed Margin check - RP 1	Disallowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	
C8	Allowed Margin check - RP 2	Allowed	-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 3	Disallowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	
C8	Allowed Margin check - RP 4	Disallowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	allowed	
C8	Allowed Margin check - RP 5	Disallowed	allowed	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 6		-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 7		-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 8		-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 9		-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 10	Disallowed	allowed	allowed	allowed	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 11		-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 12		-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 13		-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 14		-	-	-	-	-	-	-	-	-	-	-	-	-	
C8	Allowed Margin check - RP 15		-	-	-	-	-	-	-	-	-	-	-	-	-	
C10	Check - Core		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C10	Check - Non Core		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C10	Check - Stand Alone Funding (RAV)		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C22	Check - Cost type split to total LCN project costs less external funding		OK	OK	OK	OK	OK									
C22	Check - Set-up expenditure limits		OK	OK	OK	OK	OK									
C25	Check - Cost Type to Total Directs		OK	OK	OK											OK
C25	Check - Gross Costs to Cost Matrix		OK	OK	OK											OK
C25	Check - Net Costs to Cost Matrix		OK	OK	OK											OK
C26	Check - Gross Costs to Cost Matrix		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C26	Check - Net Costs to Cost Matrix		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C27	Check - Gross Costs to Cost Matrix		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C27	Check - Net Costs to Cost Matrix		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C28	Check - Cost Type to Total Directs		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C29	Check - Cost Type to Totals Category		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C30	Check - Cost Type to Totals Category		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C31	Check - Cost Type to Totals Category		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
C32	Check - Cost Type to Totals Category		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	

| | | | | | | | | | | |

CS2: Cross check of C1 matrix to C and CV sheets (gross costs)
SPN
Price base (2012/13)

	Model input categories	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR5					RIIO-ED1								#	#
C1 Values																
Network Investment Costs (RAV)																
Connection projects; DPCR4	Load related capex														37.84	-
Element of connection that is subject to the apportionr	Load related capex														17.64	21.80
Element of connection that is subject to the apportionr	Load related capex														9.06	10.50
Diversions	Non-load related capex - asset replacement	5.31	9.66	6.63	3.64	7.36	6.35	6.36	6.26	6.20	6.57	8.72	10.44	7.49		
Diversions -rail electrification	Non-load related capex - asset replacement						-	-	-	-	-	-	-	-		
Reinforcement	Load related capex	25.45	12.51	10.92	14.41	27.60	24.25	30.68	30.00	20.38	15.46	15.20	21.89	19.88		
Transmission Connection Points	Load related capex						-	1.72	3.43	3.43	3.43	3.43	3.43	3.43		
ESQCR	Non-load related capex - asset replacement	9.36	6.48	3.05	8.73	9.01	3.73	3.62	3.51	3.41	3.31	3.22	3.13	3.05		
Asset Replacement	Non-load related capex - asset replacement	32.07	30.06	31.58	26.57	28.04	33.06	39.89	38.01	37.73	36.31	34.10	29.99	31.84		
Refurbishment	Non-load related capex - asset replacement	6.15	1.16	1.54	5.68	4.29	2.29	2.43	2.90	2.73	3.42	3.73	3.88	2.68		
Civil Works	Non-load related capex - asset replacement	5.87	6.30	3.79	4.36	6.45	4.20	6.08	5.90	6.69	6.18	5.80	4.22	4.24		
Operational IT & Telecoms	Non-load related capex - other	0.37	0.61	2.08	4.68	4.38	3.74	3.80	4.32	4.09	4.40	4.72	5.08	5.21		
Legal & Safety	Non-load related capex - asset replacement	0.88	1.62	3.91	4.66	5.73	6.82	6.99	4.21	3.78	3.46	3.20	3.00	3.04		
QoS	Non-load related capex - asset replacement	5.03	2.04	4.73	1.71	0.58	-	-	-	-	-	-	-	-		
High Value Projects (ex ante)	Non-variant mix	2.97	6.79	11.76	7.68	10.02	5.17	6.27	6.20	5.75	4.75	2.83	-	-		
High Value Projects (re-opener)	Variant - mix															
Total Core Costs																
Flooding	Non-load related capex - asset replacement	0.02	0.02	0.65	0.34	1.54	0.58	0.58	0.58	0.58	0.45	0.45	0.29	0.29		
BT21CN	Non-load related capex - other	0.00	0.00	0.04	0.11	0.16	4.21	4.35	4.28	1.22	1.22	0.86	0.74	0.94		
Technical losses and other environmental	Non-load related capex - asset replacement	1.20	0.47	0.48	0.49	0.49	0.39	0.39	0.39	0.36	0.30	0.30	0.30	0.39		
High impact Low Probability (HILP)	Non-load related capex - asset replacement	-	-	-	-	-	-	-	-	-	-	-	-	-		
Critical National Infrastructure	Non-load related capex - asset replacement	-	-	-	-	-	2.50	-	-	2.50	3.00	1.00	-	-		
Black Start	Non-load related capex - asset replacement	-	-	0.01	0.61	0.73	0.73	0.72	0.72	0.72	0.46	-	-	-		
Rising Mains and Laterals	Non-load related capex - asset replacement	0.27	0.32	1.46	1.34	1.92	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99		
Undergrounding Within/ Outside designated areas	Non-load related capex - other	0.81	0.19	0.64	1.48	1.48	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73		
Worst Served Customers	Non-load related capex - other	-	-	0.07	0.83	0.71	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35		
Total Network Investment Costs																
Network Operating Costs (RAV)																
Trouble Call (CV15a)	Faults	35.75	35.88	31.88	34.25	23.24	22.49	22.41	22.24	22.12	22.01	21.95	21.96	22.16		
ONIs (CV15b)	Faults	6.03	4.76	6.63	6.28	6.60	5.38	4.92	4.77	4.62	4.49	4.44	4.74	4.68		
Severe Weather- Atypical	Faults	-	-	-	4.75	-	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75		
Inspections & Maintenance	Controllable opex	9.75	11.35	10.97	11.16	11.02	9.16	9.12	9.09	8.84	8.64	8.66	8.66	8.33		
Tree Cutting	Tree cutting	7.65	7.77	7.96	6.31	7.08	8.25	8.26	8.27	8.26	8.31	8.21	8.12	8.01		
NOC's other	Controllable opex	1.49	1.14	1.79	2.16	2.16	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43		
Total Network Operating Costs																
Closely associated Indirects (RAV)																
Network Design & Engineering	Controllable opex	7.21	5.74	4.95	5.79	6.16	6.13	5.98	5.82	5.53	5.29	5.15	5.05	4.79		
Project Management	Controllable opex	8.25	4.55	4.91	5.39	5.67	5.47	5.49	5.35	5.18	4.97	4.84	4.73	4.58		
Engineering Mgt & Clerical Support	Controllable opex	23.92	20.97	20.96	24.30	25.17	24.51	24.27	23.50	22.89	21.87	21.14	20.76	20.07		
System Mapping - Cartographical	Controllable opex	1.43	1.89	1.59	1.61	1.70	1.67	1.69	1.68	1.65	1.63	1.62	1.63	1.60		
Control Centre	Controllable opex	4.78	4.76	4.60	4.51	4.70	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.63		
Call Centre	Controllable opex	1.76	1.99	2.11	2.59	2.66	2.46	1.87	1.87	1.86	1.85	1.85	1.83	1.82		
Stores	Controllable opex	2.15	1.76	1.78	1.74	1.80	1.80	1.79	1.79	1.78	1.78	1.77	1.76	1.75		
Operational Training	Controllable opex	5.23	5.31	4.77	5.22	5.88	6.83	5.96	4.79	4.97	4.75	4.37	4.91	4.81		
Vehicles & Transport	Controllable opex	7.80	7.13	6.98	7.89	7.93	7.93	7.92	7.92	7.92	7.91	7.91	7.90	7.89		
Network Policy	Controllable opex	0.34	0.40	0.31	0.28	0.27	0.27	0.27	0.26	0.28	0.27	0.27	0.27	0.27		
Closely Associated Indirects	Controllable opex															
Atypicals Non Sev Weather (RAV)																
Atypicals Non Sev Weather	Controllable opex	7.27	8.83	1.33	0.32	0.32										
Smart meters																
Smart meters BAU (net)	Controllable opex						1.22	2.05	2.63	2.90	2.89	2.14	0.53	0.53		
Smart meters roll out (net)	Controllable opex															
TOTAL RAV related Costs																
Business support costs																
HR & Non-operational Training	Controllable opex	2.21	2.66	1.96	1.96	2.00	1.98	1.95	1.92	1.90	1.87	1.84	1.81	1.78		
Finance & Regulation	Controllable opex	9.25	8.78	6.83	7.91	8.01	7.97	7.88	7.78	7.69	7.59	7.50	7.42	7.23		
CEO	Controllable opex	2.46	2.37	2.00	2.30	2.35	2.33	2.29	2.26	2.23	2.19	2.16	2.12	2.09		
IT & Telecoms	Controllable opex	11.07	11.35	8.75	8.95	9.30	9.65	9.55	9.09	9.06	8.96	8.83	8.71	8.61		
Property Mgt	Controllable opex	8.31	6.52	5.28	5.19	5.19	5.06	4.84	4.77	4.71	4.65	4.59	4.54	4.48		
Total Business Support Costs																
Other price control costs																
Non Op Capex	Non-load related capex - other	7.04	15.05	18.49	13.72	9.64	7.65	12.38	9.60	11.84	11.88	10.64	12.44	10.74		
Atypicals Non Sev Weather (non RAV)		0.23	3.05	1.11	2.32	2.32										
Stand Alone Funding (non RAV)		1.16	0.91	1.25	1.43	1.07										
Costs Within Price Control																
Total Costs within Price Control																
Non Price Control																
Element of connection that is Sole Use funded																
Connection projects UMC; DPCR5																
Connections (Non Price Control) Total																
Non Price Control																
Atypicals Non Sev Weather (Non Price Control)		-	0.09	0.05	-	-										
Costs outside Price Control																
Total Costs outside Price Control																
NABC																
Non Activity Based costs																
Total DNO																

Total DNO															

Detailed cost table values

Network Investment Costs (RAV)															
Connection projects; DPCR4														49.52	-
Element of connection that is subject to the apportionment rules - DUoS funded														9.41	21.80
Element of connection that is subject to the apportionment rules - Customer funded														5.15	10.44
Diversions	5.31	9.66	6.63	3.64	7.36	6.35	6.36	6.26	6.20	6.57	8.72	10.44	7.49		
Diversions						-	-	-	-	-	-	-	-		
Reinforcement	25.45	12.51	10.92	14.41	27.60	24.25	30.68	30.00	20.38	15.46	15.20	21.89	19.88		
Transmission Connection Points						-	1.72	3.43	3.43	3.43	3.43	3.43	3.43		
ESQCR	9.36	6.48	3.05	8.73	9.01	3.73	3.62	3.51	3.41	3.31	3.22	3.13	3.05		
Asset Replacement	32.09	30.06	31.58	26.57	28.04	33.06	39.89	38.01	37.73	36.31	34.10	29.99	31.84		
Refurbishment	6.24	1.16	1.54	5.68	4.29	2.29	2.43	2.90	2.73	3.42	3.73	3.88	2.68		
Civil Works	5.81	6.30	3.79	4.36	6.45	4.20	6.08	5.90	6.69	6.18	5.80	4.22	4.24		
Operational IT & Telecoms	0.37	0.61	2.08	4.68	4.38	3.74	3.80	4.32	4.09	4.40	4.72	5.08	5.21		
Legal & Safety	0.88	1.62	3.91	4.66	5.73	6.82	6.99	4.21	3.78	3.46	3.20	3.00	3.04		
QoS	5.03	2.04	4.73	1.71	0.58	-	-	-	-	-	-	-	-		
High Value Projects (ex ante)	2.97	6.79	11.76	7.68	10.02	5.17	6.27	6.20	5.75	4.75	2.83	-	-		
High Value Projects (re-opener)															
Total Core Costs															
Flooding	0.02	0.02	0.65	0.34	1.54	0.58	0.58	0.58	0.58	0.45	0.45	0.29	0.29		
BT21CN	0.00	0.00	0.04	0.11	0.16	4.21	4.35	4.28	1.22	1.22	0.86	0.74	0.94		
Technical losses and other environmental	1.20	0.47	0.48	0.49	0.49	0.39	0.39	0.39	0.36	0.30	0.30	0.30	0.39		
High impact Low Probability (HILP)	-	-	-	-	-	-	-	-	-	-	-	-	-		
Critical National Infrastructure	-	-	-	-	-	2.50	-	-	2.50	3.00	1.00	-	-		
Black Start	-	-	0.01	0.61	0.73	0.73	0.72	0.72	0.72	0.46	-	-	-		
Rising Mains and Laterals	0.27	0.32	1.46	1.34	1.92	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99		
Undergrounding Within/ Outside designated areas	0.80	0.18	0.64	1.48	1.48	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73		
Worst Served Customers	-	-	0.07	0.83	0.71	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35		
Total Network Investment Costs															
Network Operating Costs (RAV)															
Trouble Call (CV15a)	35.75	35.88	31.88	34.25	23.24	22.49	22.41	22.24	22.12	22.01	21.95	21.96	22.16		
ONIs (CV15b)	6.03	4.76	6.63	6.28	6.60	5.38	4.92	4.77	4.62	4.49	4.44	4.74	4.68		
Severe Weather- Atypical	-	-	-												
Inspections & Maintenance	9.75	11.35	10.97	11.16	11.02	9.16	9.12	9.09	8.84	8.64	8.66	8.66	8.33		
Tree Cutting	7.65	7.77	7.96	6.31	7.08	8.25	8.26	8.27	8.26	8.31	8.21	8.12	8.01		
NOC's other	1.49	1.14	1.79	2.16	2.16	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43		
Total Network Operating Costs															
Closely associated Indirects (RAV)															
Network Design & Engineering	7.21	5.74	4.95	5.79	6.16	6.13	5.98	5.82	5.53	5.29	5.15	5.05	4.79		
Project Management															
Engineering Mgt & Clerical Support	23.92	20.97	20.96	24.30	25.17	24.51	24.27	23.50	22.89	21.87	21.14	20.76	20.07		
System Mapping - Cartographical															
Control Centre	4.78	4.76	4.60	4.51	4.70	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.63		
Call Centre															
Stores															
Operational Training	5.23	5.30	4.77	5.24	5.88	6.83	5.96	4.79	4.97	4.75	4.37	4.91	4.81		
Vehicles & Transport															
Network Policy															
Closely Associated Indirects															
Atypicals Non Sev Weather (RAV)															
Atypicals Non Sev Weather	7.27	8.83	1.33	0.32	0.32										
Smart meters															
Smart meters BAU (net)						1.21	2.02	2.59	2.83	2.81	2.04	-	-		
Smart meters roll out (net)															
TOTAL RAV related Costs															
Business support costs															
HR & Non-operational Training															
Finance & Regulation	9.25	8.77	6.83	7.91	8.01	7.97	7.88	7.78	7.69	7.59	7.50	7.42	7.23		
CEO	2.47	2.36	1.99	2.30	2.35	2.33	2.29	2.26	2.23	2.19	2.16	2.12	2.09		
IT & Telecoms	11.07	11.35	8.75	8.95	9.30	9.65	9.56	9.09	9.06	8.95	8.83	8.71	8.61		
Property Mgt	8.31	6.52	5.28	5.19	5.19	5.06	4.84	4.77	4.71	4.65	4.59	4.54	4.48		
Total Business Support Costs															
Other price control costs															
Non Op Capex	7.04	15.06	18.49	13.72	9.64	7.65	12.38	9.60	11.84	11.88	10.64	12.44	10.74		
Atypicals Non Sev Weather (non RAV)	0.23	3.05	1.11	2.32	2.32										
Stand Alone Funding (non RAV)	1.16	0.91	1.25	1.43	1.07										
Costs Within Price Control															
Total Costs within Price Control															
Non Price Control															
Element of connection that is Sole Use funded															
Connection projects UMC; DPCR5															
Connections (Non Price Control) Total															
Non Price Control															
Atypicals Non Sev Weather (Non Price Control)	-	0.09	0.05	-	-										
Costs outside Price Control															
Total Costs outside Price Control															
NABC															
Non Activity Based costs															
Total DNO															
Total DNO															

Check

Network Investment Costs (RAV)															
Connection projects; DPCR4														Err	OK
Element of connection that is subject to the apportionment rules - DUoS funded														Err	OK
Element of connection that is subject to the apportionment rules - Customer funded														Err	OK
Diversions	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Diversions- rail electrification	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Reinforcement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Transmission Connection Points	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
ESQCR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Asset Replacement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Refurbishment	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Civil Works	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Operational IT & Telecoms	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Legal & Safety	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
QoS	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
High Value Projects (ex ante)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
High Value Projects (re-opener)															
Total Core Costs															
Flooding	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
BT21CN	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Technical losses and other environmental	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
High impact Low Probability (HILP)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Critical National Infrastructure	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Black Start	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Rising Mains and Laterals	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Undergrounding Within/ Outside designated areas	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Worst Served Customers	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Total Network Investment Costs															
Network Operating Costs (RAV)															
Trouble Call (CV15a)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
ONIs (CV15b)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Severe Weather- Atypical	OK	OK	OK												
Inspections & Maintenance	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Tree Cutting	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
NOC's other	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Total Network Operating Costs															
Closely associated Indirects (RAV)															
Network Design & Engineering	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Project Management															
Engineering Mgt & Clerical Support	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
System Mapping - Cartographical															
Control Centre	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Call Centre															
Stores															
Operational Training	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Vehicles & Transport															
Network Policy															
Closely Associated Indirects															
Atypicals Non Sev Weather (RAV)															
Atypicals Non Sev Weather	OK	OK	OK	OK	OK										
Smart meters															
Smart meters BAU						OK	OK	OK	OK	OK	OK	Err	Err		
Smart meters roll out															
TOTAL RAV related Costs															
Business support costs															
HR & Non-operational Training															
Finance & Regulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
CEO	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
IT & Telecoms	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Property Mgt	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Total Business Support Costs															
Other price control costs															
Non Op Capex	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Atypicals Non Sev Weather (non RAV)	OK	OK	OK	OK	OK										
Stand Alone Funding (non RAV)	OK	OK	OK	OK	OK										
Costs Within Price Control															
Total Costs within Price Control															
Non Price Control															
Element of connection that is Sole Use funded														OK	OK
Connection projects UMC; DPCR5														OK	OK
Connections (Non Price Control) Total															
Non Price Control															
Atypicals Non Sev Weather (Non Price Control)	OK	OK	OK	OK	OK										
Costs outside Price Control															
Total Costs outside Price Control															
NABC															
Non Activity Based costs															
Total DNO															
Total DNO															

C4: RAV
SPN
Price base (2012/13)

	2010	2011	2012	2013	2014	2015	DPCR5
	DPCR4	DPCR5					(£m)
RAV additions		181.68	157.63	154.37	169.15	177.94	840.77

2011

	Equalised Incentive Expenditure					Fast Pot					
	Network Investment	Network Operating Costs	Closely associated Indirects	Atypical costs (non sev weather)	**Total equalised**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	Atypical costs (non sev weather)	**Total Fast Pot**
Gross Costs	130.96	60.66	62.53	7.27	261.42		33.65	7.04		0.23	40.92
Less Indirects allocated to non distribution activities (Incl. Pension Costs)			(2.09)		(2.09)		(1.26)	(0.13)			(1.39)
Less Ongoing Pension costs (Distribution Activity)	(1.43)	(2.38)	(3.97)	(0.24)	(8.01)		(1.03)	(0.03)		(0.00)	(1.06)
Less Income / cost recoveries	(37.01)	(4.17)	-	-	(41.18)		(3.64)				(3.64)
Less Road Charges to fast pot	(0.36)	(0.33)			(0.68)				0.68		0.68
Base Costs excl. Pension Costs	92.17	53.79	56.47	7.03	**209.46**		27.71	6.88	0.68	0.23	35.50
Adjustments:											
Disallowed Related Party Margin	0.21		(0.59)	-	(0.38)		-0.51	-		-	-0.51
Rebranding										-	-
ERDCs					-					-	-
Other disallowed atypicals					-					-	-
Disallowed Fines & Penalties (other than in Streetworks)							-				-
Cash proceeds of sale of operational assets					-			-0.11			-0.11
Cash proceeds of sale of scrap					(1.16)						
Adjustment to ES7 miscellaneous Excluded Services Costs					(0.09)						
Adjustment to Remove ES4 Costs					(2.10)						
Ofgem post submission manual adjustments	-	-	-	-	-	-	-	-	-	-	-
Total Costs (Excl. Pension costs)					**205.73**						34.88
Transfer 15% to Fast Pot					(30.86)	30.86					30.86
SLOW POT (85% RAV Related Costs Excl. Pension Costs)					**174.87**						
Add back ongoing pension costs (Direct & Indirect on Distribution Activity)	1.43	2.38	3.97	0.24	8.01		1.03	0.03		0.00	1.06
Transfer 15% to Fast Pot					(1.20)	1.20					1.20
SLOW POT (85% RAV Related Cost Ongoing Pension Costs)					**6.81**						
SLOW POT (85% RAV Related Costs)					**181.68**						
Fast Pot						32.06	28.23	6.80	0.68	0.23	**68.01**
Allowance											
Difference to allowance					**181.68**						**68.01**
Allowance excluding Pension											
Actuals excluding Pensions					**174.87**						**65.74**
Difference to allowance					**174.87**						**65.74**
Pension Allowance											
Pension Actuals					**6.81**						2.27
Difference to allowance					**6.81**						2.27

Cross reference to Final Proposals Financial methodologies	Explanation of formulae
1.12 / 1.16	Payments for distribution cash typical and atypical costs from Table X (excluding non distribution directs) and plus indirects associated with non-distribution activities
1.13	Removes indirect costs associated with non distribution activities
1.12	Excludes all normal pension costs reported in Table 2.2 under distribution activities
1.12	Deducts customer contributions and cost recoveries
1.16	Removes road charges from RAV additions
1.16 / 1.25	disallows related party margins for the distribution business reported in Table X where external related party turnover does not exceed 75% threshold
1.16	removes rebranding costs as not allowable
1.16	removes ERDCs as not allowable
1.16	removes all other fines and penalties (other that Streetworks)
1.15	deducts all the cash proceeds of sale of operational assets
1.15	deducts all the cash proceeds of sale of scrap
1.15	adjustment to deduct from cost for the difference between actual and projected (at DPCR5) ES7 revenue as proxy for costs

Memo Note
Ofgem post submission manual adjustments

Explanation	Network Investment	Network Operating Costs	Closely associated Indirects	A-typical costs (non sev weather)	**Total equalised**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	A-typical costs (non sev weather)	**Total Fast Pot**
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
Total Adjustment	-	-	-	-	-	-	-	-	-	-	-

2012

	Equalised Incentive Expenditure					Fast Pot					
	Network Investment	Network Operating Costs	Closely associated Indirects	Atypical costs (non sev weather)	**Total equalised**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	Atypical costs (non sev weather)	**Total Fast Pot**
Gross Costs	91.35	60.89	54.12	8.83	215.19		32.07	15.05		3.05	50.18
Less Indirects allocated to non distribution activities (Incl. Pension Costs)			(7.64)		(7.64)		(3.73)	(0.91)			(4.65)
Less Ongoing Pension costs (Distribution Activity)	(1.57)	(3.22)	(4.12)	(2.74)	(11.65)		(0.64)	-		(0.58)	(1.22)
Less Income / cost recoveries	(11.81)	(4.66)	-	-	(16.46)		(2.17)				(2.17)
Less Road Charges to fast pot	(0.06)	(0.26)			(0.32)				0.32		0.32
Base Costs excl. Pension Costs	77.91	52.76	42.36	6.09	**179.12**		25.52	14.14	0.32	2.48	42.46
Adjustments:											
Disallowed Related Party Margin	0.66		(0.68)	-	(0.02)		-0.80	-0.08		-	-0.87
Rebranding										-	-
ERDCs					(2.71)					-0.58	-0.58
Other disallowed atypicals					-					-	-
Disallowed Fines & Penalties (other than in Streetworks)							-				-
Cash proceeds of sale of operational assets					0.05			-0.10			-0.10
Cash proceeds of sale of scrap					(0.72)						
Adjustment to ES7 miscellaneous Excluded Services Costs					(0.01)						
Adjustment to Remove ES4 Costs					(1.92)						
Ofgem post submission manual adjustments	-	-	-	-	-	-	-	-	-	-	-
Total Costs (Excl. Pension costs)					**173.79**						40.91
Transfer 15% to Fast Pot					(26.07)	26.07					26.07
SLOW POT (85% RAV Related Costs Excl. Pension Costs)					**147.72**						
Add back ongoing pension costs (Direct & Indirect on Distribution Activity)	1.57	3.22	4.12	2.74	11.65		0.64	-		0.58	1.22
Transfer 15% to Fast Pot					(1.75)	1.75					1.75
SLOW POT (85% RAV Related Cost Ongoing Pension Costs)					**9.90**						
SLOW POT (85% RAV Related Costs)					**157.63**						
Fast Pot						27.82	25.37	13.97	0.32	2.47	**69.95**
Allowance											
Difference to allowance					**157.63**						**69.95**
Allowance excluding Pension											
Actuals excluding Pensions					**147.72**						**66.98**
Difference to allowance					**147.72**						**66.98**
Pension Allowance											
Pension Actuals					**9.90**						2.97
Difference to allowance					**9.90**						2.97

Cross reference to Final Proposals Financial methodologies	Explanation of formulae
1.12 / 1.16	Payments for distribution cash typical and atypical costs from Table X (excluding non distribution directs) and plus indirects associated with non-distribution activities
1.13	Removes indirect costs associated with non distribution activities
1.12	Excludes all normal pension costs reported in Table 2.2 under distribution activities
1.12	Deducts customer contributions and cost recoveries
1.16	Removes road charges from RAV additions
1.16 / 1.25	disallows related party margins for the distribution business reported in Table X where external related party turnover does not exceed 75% threshold
1.16	removes rebranding costs as not allowable
1.16	removes ERDCs as not allowable
1.16	removes all other fines and penalties (other that Streetworks)
1.15	deducts all the cash proceeds of sale of operational assets
1.15	deducts all the cash proceeds of sale of scrap
1.15	adjustment to deduct from cost for the difference between actual and projected (at DPCR5) ES7 revenue as proxy for costs

Memo Note
Ofgem post submission manual adjustments

Explanation	Network Investment	Network Operating Costs	Closely associated Indirects	A-typical costs (non sev weather)	**Total equalised**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	A-typical costs (non sev weather)	**Total Fast Pot**
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
Total Adjustment	-	-	-	-	-	-	-	-	-	-	-

2013

	Equalised Incentive Expenditure					Fast Pot					
	Network Investment	Network Operating Costs	Closely associated Indirects	Atypical costs (non sev weather)	**Total equalised**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	Atypical costs (non sev weather)	**Total Fast Pot**
Gross Costs	89.94	59.23	52.65	1.33	203.16		25.13	18.49		1.11	44.74
Less Indirects allocated to non distribution activities (Incl. Pension Costs)			(9.56)		(9.56)		(4.21)	(2.47)			(6.68)
Less Ongoing Pension costs (Distribution Activity)	(1.55)	(2.83)	(3.34)	(0.25)	(7.98)		(0.57)	0.00		(0.01)	(0.58)
Less Income / cost recoveries	(5.26)	(3.45)	-	-	(8.72)		(0.46)				(0.46)
Less Road Charges to fast pot	(0.10)	(0.27)			(0.37)				0.37		0.37
Base Costs excl. Pension Costs	83.04	52.67	39.75	1.08	**176.53**		19.90	16.02	0.37	1.10	37.39
Adjustments:											
Disallowed Related Party Margin	(0.00)		(0.20)	-	(0.20)		-0.12	-		-	-0.12
Rebranding										-	-
ERDCs					(0.25)					-0.01	-0.01
Other disallowed atypicals					-					-	-
Disallowed Fines & Penalties (other than in Streetworks)							-				-
Cash proceeds of sale of operational assets					0.00			-0.29			-0.29
Cash proceeds of sale of scrap					(0.59)						
Adjustment to ES7 miscellaneous Excluded Services Costs					0.06						
Adjustment to Remove ES4 Costs					(1.91)						
Ofgem post submission manual adjustments	-	-	-	-	-	-	-	-	-	-	-
Total Costs (Excl. Pension costs)					**173.64**						36.97
Transfer 15% to Fast Pot					(26.05)	26.05					26.05
SLOW POT (85% RAV Related Costs Excl. Pension Costs)					**147.59**						
Add back ongoing pension costs (Direct & Indirect on Distribution Activity)	1.55	2.83	3.34	0.25	7.98		0.57	(0.00)		0.01	0.58
Transfer 15% to Fast Pot					(1.20)	1.20					1.20

Cross reference to Final Proposals Financial methodologies	Explanation of formulae
1.12 / 1.16	Payments for distribution cash typical and atypical costs from Table X (excluding non distribution directs) and plus indirects associated with non-distribution activities
1.13	Removes indirect costs associated with non distribution activities
1.12	Excludes all normal pension costs reported in Table 2.2 under distribution activities
1.12	Deducts customer contributions and cost recoveries
1.16	Removes road charges from RAV additions
1.16 / 1.25	disallows related party margins for the distribution business reported in Table X where external related party turnover does not exceed 75% threshold
1.16	removes rebranding costs as not allowable
1.16	removes ERDCs as not allowable
1.16	removes all other fines and penalties (other that Streetworks)
1.15	deducts all the cash proceeds of sale of operational assets
1.15	deducts all the cash proceeds of sale of scrap
1.15	adjustment to deduct from cost for the difference between actual and projected (at DPCR5) ES7 revenue as proxy for costs

SLOW POT (85% RAV Related Cost Ongoing Pension Costs)					**6.78**						
SLOW POT (85% RAV Related Costs)					**154.37**						
Fast Pot						27.24	20.35	15.73	0.37	1.10	**64.79**
Allowance											
Difference to allowance					**154.37**						**64.79**
Allowance excluding Pension											
Actuals excluding Pensions					**147.59**						**63.02**
Difference to allowance					**147.59**						**63.02**
Pension Allowance											
Pension Actuals					**6.78**						1.78
Difference to allowance					**6.78**						1.78

Memo Note
Ofgem post submission manual adjustments

Explanation	Network Investment	Network Operating Costs	Closely associated Indirects	A-typical costs (non sev weather)	**Total equalised**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	A-typical costs (non sev weather)	**Total Fast Pot**
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
Total Adjustment	-	-	-	-	-	-	-	-	-	-	-

2014

	Equalised Incentive Expenditure					Fast Pot					
	Network Investment	Network Operating Costs	Closely associated Indirects	Atypical costs (non sev weather)	**Total equalised (including RPEs)**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	Atypical costs (non sev weather)	**Total Fast Pot (including RPEs)**
Gross Costs	92.61	65.05	59.04	0.32	217.02		26.52	13.70		2.32	42.53
Less Indirects allocated to non distribution activities (Incl. Pension Costs)			(8.24)		(8.24)		(4.65)	(3.66)			(8.31)
Less Ongoing Pension costs (Distribution Activity)	(1.86)	(2.99)	(3.18)	-	(8.03)		(0.58)	(0.00)		(0.31)	(0.88)
Less Income / cost recoveries	(3.36)	(3.31)	-	-	(6.68)		(1.02)				(1.02)
Less Road Charges to fast pot	(0.07)	(0.28)			(0.35)				0.35		0.35
Base Costs excl. Pension Costs	87.32	58.46	47.63	0.32	**193.73**		20.27	10.04	0.35	2.01	32.66
Adjustments:											
Disallowed Related Party Margin	(0.00)		(0.25)	-	(0.25)		-	-		-	-
Rebranding										-	-
ERDCs					-					-0.31	-0.31
Other disallowed atypicals					-					-	-
Disallowed Fines & Penalties (other than in Streetworks)							-				-
Cash proceeds of sale of operational assets					-			-			-
Cash proceeds of sale of scrap					-						
Adjustment to ES7 miscellaneous Excluded Services Costs					0.05						
Adjustment to Remove ES4 Costs					(2.00)						
Ofgem post submission manual adjustments	-	-	-	-	-	-	-	-	-	-	-
Total Costs (Excl. Pension costs)					**191.52**						32.35
Transfer 15% to Fast Pot					(28.73)	28.73					28.73
SLOW POT (85% RAV Related Costs Excl. Pension Costs)					**162.79**						
Add back ongoing pension costs (Direct & Indirect on Distribution Activity)	1.86	2.99	3.18	-	8.03		0.58	0.00		0.31	0.88
Transfer 15% to Fast Pot					(1.21)	1.21					1.21
SLOW POT (85% RAV Related Cost Ongoing Pension Costs)					**6.83**						
SLOW POT (85% RAV Related Costs)					**169.15**						
Fast Pot						29.93	20.84	10.04	0.35	2.01	**63.17**
Allowance											
Difference to allowance					**169.15**						**63.17**
Allowance excluding Pension											
Actuals excluding Pensions					**162.79**						**61.08**
Difference to allowance					**162.79**						**61.08**
Pension Allowance											
Pension Actuals					**6.83**						2.09
Difference to allowance					**6.83**						2.09

Cross reference to Final Proposals Financial methodologies	Explanation of formulae
1.12 / 1.16	Payments for distribution cash typical and atypical costs from Table X (excluding non distribution directs) and plus indirects associated with non-distribution activities
1.13	Removes indirect costs associated with non distribution activities
1.12	Excludes all normal pension costs reported in Table 2.2 under distribution activities
1.12	Deducts customer contributions and cost recoveries
1.16	Removes road charges from RAV additions
1.16 / 1.25	disallows related party margins for the distribution business reported in Table X where external related party turnover does not exceed 75% threshold
1.16	removes rebranding costs as not allowable
1.16	removes ERDCs as not allowable
1.16	removes all other fines and penalties (other that Streetworks)
1.15	deducts all the cash proceeds of sale of operational assets
1.15	deducts all the cash proceeds of sale of scrap
1.15	adjustment to deduct from cost for the difference between actual and projected (at DPCR5) ES7 revenue as proxy for costs

Memo Note
Ofgem post submission manual adjustments

Explanation	Network Investment	Network Operating Costs	Closely associated Indirects	A-typical costs (non sev weather)	**Total equalised**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	A-typical costs (non sev weather)	**Total Fast Pot**
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
Total Adjustment	-	-	-	-	-	-	-	-	-	-	-

2015

	Equalised Incentive Expenditure					Fast Pot					
	Network Investment	Network Operating Costs	Closely associated Indirects	Atypical costs (non sev weather)	**Total equalised (inlcuding RPEs)**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	Atypical costs (non sev weather)	**Total Fast Pot (including RPEs)**
Gross Costs	114.79	50.62	61.66	0.32	227.38		27.01	9.62		2.32	38.95
Less Indirects allocated to non distribution activities (Incl. Pension Costs)			(8.99)		(8.99)		(4.15)	(2.84)			(6.99)
Less Ongoing Pension costs (Distribution Activity)	(2.52)	(3.64)	(4.64)	-	(10.80)		(0.88)	(0.00)		(0.31)	(1.18)
Less Income / cost recoveries	(2.24)	(3.31)	-	-	(5.56)		(0.67)				(0.67)
Less Road Charges to fast pot	(0.08)	(0.25)			(0.32)				0.32		0.32
Base Costs excl. Pension Costs	109.95	43.42	48.03	0.32	**201.72**		21.32	6.78	0.32	2.01	30.43
Adjustments:											
Disallowed Related Party Margin	(0.00)		(0.25)	-	(0.26)		-	-		-	-
Rebranding										-	-
ERDCs					-					-0.31	-0.31
Other disallowed atypicals					-					-	-
Disallowed Fines & Penalties (other than in Streetworks)							-				-
Cash proceeds of sale of operational assets					-			-			-
Cash proceeds of sale of scrap					-						
Adjustment to ES7 miscellaneous Excluded Services Costs					0.05						
Adjustment to Remove ES4 Costs					(2.10)						
Ofgem post submission manual adjustments	-	-	-	-	-	-	-	-	-	-	-
Total Costs (Excl. Pension costs)					**199.41**						30.12
Transfer 15% to Fast Pot					(29.91)	29.91					29.91
SLOW POT (85% RAV Related Costs Excl. Pension Costs)					**169.50**						
Add back ongoing pension costs (Direct & Indirect on Distribution Activity)	2.52	3.64	4.64	-	10.80		0.88	0.00		0.31	1.18
Transfer 15% to Fast Pot					(1.62)	1.62					1.62
SLOW POT (85% RAV Related Cost Ongoing Pension Costs)					**9.18**						
SLOW POT (85% RAV Related Costs)					**177.94**						
Fast Pot						31.53	22.19	6.78	0.32	2.01	**62.84**
Allowance											
Difference to allowance					**177.94**						**62.84**
Allowance excluding Pension											
Actuals excluding Pensions					**169.50**						**60.04**
Difference to allowance					**169.50**						**60.04**
Pension Allowance											
Pension Actuals					**9.18**						2.80
Difference to allowance					**9.18**						2.80

Cross reference to Final Proposals Financial methodologies	Explanation of formulae
1.12 / 1.16	Payments for distribution cash typical and atypical costs from Table X (excluding non distribution directs) and plus indirects associated with non-distribution activities
1.13	Removes indirect costs associated with non distribution activities
1.12	Excludes all normal pension costs reported in Table 2.2 under distribution activities
1.12	Deducts customer contributions and cost recoveries
1.16	Removes road charges from RAV additions
1.16 / 1.25	disallows related party margins for the distribution business reported in Table X where external related party turnover does not exceed 75% threshold
1.16	removes rebranding costs as not allowable
1.16	removes ERDCs as not allowable
1.16	removes all other fines and penalties (other that Streetworks)
1.15	deducts all the cash proceeds of sale of operational assets
1.15	deducts all the cash proceeds of sale of scrap
1.15	adjustment to deduct from cost for the difference between actual and projected (at DPCR5) ES7 revenue as proxy for costs

Memo Note
Ofgem post submission manual adjustments

Explanation	Network Investment	Network Operating Costs	Closely associated Indirects	A-typical costs (non sev weather)	**Total equalised**	15% RAV related costs	Business Support Costs	Non-op Capex	Road Charges to fast pot	A-typical costs (non sev weather)	**Total Fast Pot**
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
					-						-
Total Adjustment	-	-	-	-	-	-	-	-	-	-	-

	A	B	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**F12 - Allocation to tax pools**																	
2	**SPN**																	
3	**Price base (2012/13)**		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
4	£m nominal for 2010-11 and 2011-12; and 2012/13 price base for all other year		DPCR4			DPCR5					RIIO-ED1						(£m)	(£m)
5	**Load related investment (gross of contributions & net of related pension costs)**																	
6	Load related investment	General pool		-	-	0.1	0.4	0.7	0.5	0.3	0.3	0.1	0.0	0.1	0.2	0.3		1.81
7	Load related investment	Special rate		61.1	28.2	23.4	19.0	29.0	26.9	35.5	37.1	28.2	23.8	23.5	30.4	28.6		233.93
8	Load related investment	IBA		-														
9	Load related investment	Deferred Revenue		1.0	1.0	0.4	2.1	2.2	1.1	1.1	1.0	0.7	0.5	0.6	0.8	0.8		6.64
10	Load related investment	Revenue excl. pensions		-	-	-	-	-	-	-	-	-	-	-	-	-		-
11	Load related investment	Non Qualifying		0.7	0.2	0.2	0.3	0.5	0.4	0.5	0.5	0.4	0.3	0.3	0.4	0.4		3.25
12	Load related investment	Total		62.8	29.5	24.1	21.8	32.4	28.9	37.5	38.9	29.4	24.6	24.5	31.9	30.0		245.64
13	Check total					24.1	21.8	32.4	28.9	37.5	38.9	29.4	24.6	24.5	31.9	30.0		
14						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
15	**Asset replacement (gross of contributions & net of related pension costs)**																	
16	Asset replacement	General pool		0.6	0.6	0.7	1.3	2.2	1.0	1.6	1.3	0.9	1.3	1.5	0.9	0.9		9.33
17	Asset replacement	Special rate		29.4	34.4	27.2	19.2	21.2	21.3	30.2	27.8	29.5	27.5	25.3	28.3	24.6		214.56
18	Asset replacement	IBA		1.5														
19	Asset replacement	Deferred Revenue		29.5	22.2	28.7	33.5	39.9	41.1	39.6	38.4	39.3	39.2	36.1	25.5	28.5		287.56
20	Asset replacement	Revenue excl. pensions		-0.0	0.0	-0.0	-	-	-	-	-	-	-	-	-	-		-
21	Asset replacement	Non Qualifying		2.2	2.6	5.0	4.0	4.8	2.7	2.6	2.5	2.8	3.0	3.7	4.3	3.2		24.76
22	Asset replacement	Total		63.2	59.9	61.6	57.9	68.2	66.0	74.0	70.1	72.5	71.0	66.6	58.9	57.1		536.21
23	Check total					61.6	57.9	68.2	66.0	74.0	70.1	72.5	71.0	66.6	58.9	57.1		
24						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
25	**Other Non-Load (gross of contributions, net of related pension costs & excluding non-op capex)**																	
26	Other Non-Load	General pool		-	-	0.3	2.4	2.2	1.2	1.4	1.9	2.1	2.2	2.5	3.2	3.1		17.64
27	Other Non-Load	Special rate		-	-	1.1	4.2	4.0	3.6	3.7	3.7	3.1	3.3	3.4	3.2	3.4		27.35
28	Other Non-Load	IBA		-														
29	Other Non-Load	Deferred Revenue		1.2	0.8	2.7	5.5	5.9	5.1	5.2	5.2	2.4	2.5	2.1	1.9	2.2		26.64
30	Other Non-Load	Revenue excl. pensions		-	-	-	-	-	-	-	-	-	-	-	-	-		-
31	Other Non-Load	Non Qualifying		-	-	-	-	-	-	-	-	-	-	-	-	-		-
32	Other Non-Load	Total		1.2	0.8	4.2	12.1	12.0	10.0	10.3	10.8	7.6	8.0	8.0	8.3	8.7		71.62
33	Check total					4.2	12.1	12.0	10.0	10.3	10.8	7.6	8.0	8.0	8.3	8.7		
34						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
35																		
36	**Total Non Load (gross of contributions & net of related pension costs)**			64.4	60.8	65.8	70.1	80.2	76.0	84.3	80.9	80.1	78.9	74.6	67.2	65.9		
37																		
38	**Contributions (-ve)**																	
39	Load related contributions	General pool		-	-	-	-	-	-	-	-	-	-	-	-	-		-
40	Load related contributions	Special rate		-37.4	-13.0	-5.7	-3.9	-2.5	-1.9	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0		-15.73
41	Load related contributions	IBA		-														
42	Load related contributions	Deferred Revenue		-	-	-	-	-	-	-	-	-	-	-	-	-		-
43	Load related contributions	Revenue excl. pensions		-	-	-	-	-	-	-	-	-	-	-	-	-		-
44	Load related contributions	Non Qualifying		-	-	-	-	-	-	-	-	-	-	-	-	-		-
45	Load related contributions	Total		-37.4	-13.0	-5.7	-3.9	-2.5	-1.9	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0		-15.73
46																		
47	Non-Load contributions - Asset replacement	General pool		-	-	-	-	-	-	-	-	-	-	-	-	-		-
48	Non-Load contributions - Asset replacement	Special rate		-	-	-	-	-	-	-	-	-	-	-	-	-		-
49	Non-Load contributions - Asset replacement	IBA		-														
50	Non-Load contributions - Asset replacement	Deferred Revenue		-	-	-	-	-	-	-	-	-	-	-	-	-		-
51	Non-Load contributions - Asset replacement	Revenue excl. pensions		-	-	-	-	-	-	-	-	-	-	-	-	-		-
52	Non-Load contributions - Asset replacement	Non Qualifying		-	-	-	-	-	-	-	-	-	-	-	-	-		-
53	Non-Load contributions - Asset replacement	Total		-	-	-	-	-	-	-	-	-	-	-	-	-		-
54																		
55	Non-Load contributions - Other	General pool		-	-	-	-	-	-	-	-	-	-	-	-	-		-
56	Non-Load contributions - Other	Special rate		-	-	-	-	-	-	-	-	-	-	-	-	-		-
57	Non-Load contributions - Other	IBA		-														
58	Non-Load contributions - Other	Deferred Revenue		-	-	-	-	-	-	-	-	-	-	-	-	-		-
59	Non-Load contributions - Other	Revenue excl. pensions		-	-	-	-	-	-	-	-	-	-	-	-	-		-
60	Non-Load contributions - Other	Non Qualifying		-	-	-	-	-	-	-	-	-	-	-	-	-		
61	Non-Load contributions - Other	Total		-	-	-	-	-	-	-	-	-	-	-	-	-		-
62																		
63	**Fault repairs and restoration (net of related pension costs)**																	
64	Fault repairs and restoration	General pool		-	-	-	-	-	-	-	-	-	-	-	-	-		-
65	Fault repairs and restoration	Special rate		-	-	-	-	-	-	-	-	-	-	-	-	-		-
66	Fault repairs and restoration	IBA		-														
67	Fault repairs and restoration	Deferred Revenue		23.8	27.6	21.7	24.4	14.6	14.4	14.3	14.3	14.4	14.4	14.6	15.0	15.3		116.59
68	Fault repairs and restoration	Revenue excl. pensions		9.3	5.0	11.3	15.3	9.4	8.8	8.7	8.7	8.8	8.8	8.9	9.2	9.4		71.28
69	Fault repairs and restoration	Non Qualifying		-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.06
70	Fault repairs and restoration	Total		33.2	32.6	33.0	39.7	23.9	23.2	23.0	23.0	23.1	23.3	23.5	24.1	24.7		187.93
71	Check total					33.0	39.7	23.9	23.2	23.0	23.0	23.1	23.3	23.5	24.1	24.7		
72						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
73	**Tree cutting (net of related pension costs)**																	
74	Tree cutting	General pool		-	-	-	-	-	-	-	-	-	-	-	-	-		-
75	Tree cutting	Special rate		-	-	-	-	-	-	-	-	-	-	-	-	-		-
76	Tree cutting	IBA		-														
77	Tree cutting	Deferred Revenue		-	-	-	-	-	-	-	-	-	-	-	-	-		-
78	Tree cutting	Revenue excl. pensions		7.1	7.5	7.9	6.3	7.0	8.3	8.4	8.5	8.6	8.7	8.7	8.7	8.7		68.64
79	Tree cutting	Non Qualifying		-	-	-	-	-	-	-	-	-	-	-	-	-		-
80	Tree cutting	Total		7.1	7.5	7.9	6.3	7.0	8.3	8.4	8.5	8.6	8.7	8.7	8.7	8.7		68.64
81	Check total					7.9	6.3	7.0	8.3	8.4	8.5	8.6	8.7	8.7	8.7	8.7		
82						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
83	**Controllable opex (net of related pension costs)**																	
84	Controllable opex	General pool		0.2	1.0	0.3	-	-	-	-	-	-	-	-	-	-		-
85	Controllable opex	Special rate		25.8	16.1	15.1	17.2	20.3	20.9	21.8	22.8	21.8	22.9	21.6	22.2	18.7		172.79
86	Controllable opex	IBA		0.5														
87	Controllable opex	Deferred Revenue		27.6	27.5	19.6	16.1	15.1	22.1	20.9	19.8	21.9	19.6	20.4	18.0	20.5		163.26
88	Controllable opex	Revenue excl. pensions		31.6	35.0	35.6	46.5	45.6	37.8	38.2	37.2	36.3	36.5	35.9	36.9	37.3		296.22
89	Controllable opex	Non Qualifying		1.8	1.2	1.0	-	-	-	-	-	-	-	-	-	-		-
90	Controllable opex	Total		87.5	80.8	71.64	79.8	81.0	80.8	80.9	79.9	80.0	79.1	77.9	77.1	76.5		632.27
91	Check total					71.64	79.8	81.0	80.8	80.9	79.9	80.0	79.1	77.9	77.1	76.5		
92						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
93	**Total Network Operating Costs (net of related pension costs)**			**127.7**	**120.9**	**112.6**	**125.8**	**112.0**	**112.3**	**112.4**	**111.4**	**111.7**	**111.1**	**110.2**	**110.0**	**109.9**		
94																		
95	**Non-operational capex (net of related pension costs)**																	
96	Non-operational capex	General pool		5.6	12.9	12.9	9.0	6.1	5.0	9.5	6.8	7.1	7.0	7.7	7.3	6.8		57.36
97	Non-operational capex	Special rate		-	-	-	-	-	-	-	-	-	-	-	-	-		-
98	Non-operational capex	IBA		-														
99	Non-operational capex	Deferred Revenue		-	-	-	-	-	-	-	-	-	-	-	-	-		-
100	Non-operational capex	Revenue excl. pensions		0.0	-	2.4	-	-	-	-	-	-	-	-	-	-		-
101	Non-operational capex	Non Qualifying		0.8	0.8	0.6	0.9	0.5	1.1	1.2	1.0	2.9	2.9	1.0	3.3	1.9		15.39
102	Non-operational capex	Total		6.4	13.7	15.8	9.9	6.6	6.1	10.8	7.8	10.0	10.0	8.7	10.6	8.8		72.75
103	Check total					15.8	9.9	6.6	6.1	10.8	7.8	10.0	10.0	8.7	10.6	8.8		
104						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
105																		
106	**All pension costs (excluding funding of established deficit)**			8.6	12.1	8.5	8.6	11.6	12.9	13.0	12.7	12.3	11.8	11.2	10.2	9.6		93.62
107	Check total					8.5	8.6	11.6	12.9	13.0	12.7	12.3	11.8	11.2	10.2	9.6		
108						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
109	**Addition profiles (net of contributions and all related pension costs)**																	
110	**Load related investment (net of contributions & related pension costs)**																	
111	Load related investment	General pool		0.0%	0.0%	0.7%	2.2%	2.3%	1.8%	0.9%	0.7%	0.3%	0.2%	0.6%	0.8%	0.9%		
112	Load related investment	Special rate		93.3%	92.5%	95.9%	84.5%	88.7%	92.7%	94.4%	95.2%	95.7%	96.4%	95.3%	95.0%	94.9%		
113	Load related investment	IBA		0.0%														
114	Load related investment	Deferred Revenue		3.9%	6.1%	2.1%	11.7%	7.4%	4.0%	3.2%	2.7%	2.6%	2.1%	2.7%	2.8%	2.8%		
115	Load related investment	Revenue excl. pensions		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
116	Load related investment	Non Qualifying		2.7%	1.4%	1.3%	1.7%	1.7%	1.6%	1.5%	1.4%	1.4%	1.3%	1.4%	1.4%	1.4%		
117	Load related investment	Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
118																		
119	**Asset replacement (net of contributions & net of related pension costs)**																	
120	Asset replacement	General pool		1.0%	1.0%	1.2%	2.3%	3.3%	1.5%	2.1%	1.8%	1.3%	1.9%	2.3%	1.5%	1.6%		
121	Asset replacement	Special rate		46.6%	57.4%	44.2%	33.1%	31.1%	32.3%	40.8%	39.7%	40.7%	38.7%	38.0%	48.0%	43.0%		
122	Asset replacement	IBA		2.4%														
123	Asset replacement	Deferred Revenue		46.6%	37.1%	46.6%	57.8%	58.6%	62.2%	53.5%	54.9%	54.1%	55.2%	54.1%	43.2%	49.8%		
124	Asset replacement	Revenue excl. pensions		-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
125	Asset replacement	Non Qualifying		3.4%	4.4%	8.1%	6.8%	7.1%	4.0%	3.5%	3.6%	3.9%	4.2%	5.6%	7.3%	5.5%		
126	Asset replacement	Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
127																		
128	**Other Non-Load (net of contributions, net of related pension costs & excluding non-op capex)**																	
129	Other Non-Load	General pool		0.0%	0.0%	7.9%	19.7%	18.1%	12.1%	13.2%	17.6%	27.9%	28.1%	31.3%	38.6%	35.7%		
130	Other Non-Load	Special rate		0.0%	0.0%	27.3%	34.7%	33.2%	36.6%	35.8%	34.1%	41.0%	40.9%	42.0%	38.7%	39.0%		
131	Other Non-Load	IBA		0.0%														
132	Other Non-Load	Deferred Revenue		100.0%	100.0%	64.8%	45.6%	48.7%	51.3%	51.0%	48.3%	31.1%	30.9%	26.7%	22.7%	25.4%		
133	Other Non-Load	Revenue excl. pensions		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
134	Other Non-Load	Non Qualifying		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
135	Other Non-Load	Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
136																		
137	**Fault repairs and restoration (net of related pension costs)**																	
138	Fault repairs and restoration	General pool		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
139	Fault repairs and restoration	Special rate		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
140	Fault repairs and restoration	IBA		0.0%														
141	Fault repairs and restoration	Deferred Revenue		71.9%	84.8%	65.7%	61.5%	60.9%	62.0%	62.1%	62.1%	62.1%	62.1%	62.1%	62.0%	62.0%		
142	Fault repairs and restoration	Revenue excl. pensions		28.1%	15.2%	34.3%	38.5%	39.1%	37.9%	37.9%	37.9%	37.9%	37.9%	37.9%	38.0%	38.0%		
143	Fault repairs and restoration	Non Qualifying		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		

	A	B	G	H	I	J	K	L	M	N	O	P	Q	R	S
144	Fault repairs and restoration	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
145															
146	**Tree cutting (net of related pension costs)**														
147	Tree cutting	General pool	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
148	Tree cutting	Special rate	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
149	Tree cutting	IBA	0.0%												
150	Tree cutting	Deferred Revenue	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
151	Tree cutting	Revenue excl. pensions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
152	Tree cutting	Non Qualifying	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
153	Tree cutting	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
154															
155	**Controllable opex (net of related pension costs)**														
156	Controllable opex	General pool	0.2%	1.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
157	Controllable opex	Special rate	29.5%	19.9%	21.1%	21.5%	25.1%	25.9%	27.0%	28.6%	27.2%	29.0%	27.7%	28.8%	24.4%
158	Controllable opex	IBA	0.6%												
159	Controllable opex	Deferred Revenue	31.6%	34.1%	27.4%	20.2%	18.6%	27.3%	25.8%	24.8%	27.4%	24.9%	26.2%	23.3%	26.8%
160	Controllable opex	Revenue excl. pensions	36.1%	43.3%	49.7%	58.3%	56.3%	46.8%	47.2%	46.6%	45.4%	46.2%	46.1%	47.9%	48.8%
161	Controllable opex	Non Qualifying	2.1%	1.5%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
162	Controllable opex	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
163															
164	**Non-operational capex (net of related pension costs)**														
165	Non-operational capex	General pool	87.2%	94.0%	81.3%	90.8%	92.4%	82.5%	88.6%	87.4%	70.7%	70.6%	88.8%	68.8%	77.8%
166	Non-operational capex	Special rate	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
167	Non-operational capex	IBA	0.0%												
168	Non-operational capex	Deferred Revenue	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
169	Non-operational capex	Revenue	0.5%	0.0%	15.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
170	Non-operational capex	Non Qualifying	12.3%	6.0%	3.6%	9.2%	7.6%	17.5%	11.4%	12.6%	29.3%	29.4%	11.2%	31.2%	22.2%
171	Non-operational capex	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
172															
173	**Total DUoS additions to tax pools (gross of contributions & net of related pension costs)**														
174	Total additions to tax pools	General pool	6.4	14.5	14.4	13.1	11.2	7.7	12.8	10.2	10.2	10.6	11.9	11.6	11.1
175	Total additions to tax pools	Special rate	116.3	78.7	66.8	59.6	74.6	72.8	91.2	91.4	82.6	77.4	73.8	84.1	75.3
176	Total additions to tax pools	IBA	2.1												
177	Total additions to tax pools	Deferred Revenue	83.1	79.2	73.1	81.6	77.6	83.7	81.1	78.8	78.6	76.2	73.8	61.1	67.3
178	Total additions to tax pools	Revenue excl. pensions	47.9	47.5	57.2	68.0	62.0	54.9	55.3	54.5	53.7	54.1	53.5	54.8	55.4
179	Total additions to tax pools	Non Qualifying	5.4	4.9	6.8	5.2	5.8	4.2	4.4	4.0	6.1	6.2	5.0	8.0	5.5
180	Total additions to tax pools	Total	261.3	224.8	218.3	227.5	231.2	223.3	244.9	238.9	231.2	224.5	218.0	219.7	214.5
181															
182	**Total DUoS contributions to tax pools**														
183	Total additions to tax pools	General pool	-	-	-	-	-	-	-	-	-	-	-	-	-
184	Total additions to tax pools	Special rate	-37.4	-13.0	-5.7	-3.9	-2.5	-1.9	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0
185	Total additions to tax pools	IBA	-												
186	Total additions to tax pools	Deferred Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-
187	Total additions to tax pools	Revenue excl. pensions	-	-	-	-	-	-	-	-	-	-	-	-	-
188	Total additions to tax pools	Non Qualifying	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Total additions to tax pools	Total	-37.4	-13.0	-5.7	-3.9	-2.5	-1.9	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0
190															
191	**Total DUoS net additions to tax pools (net of related pension costs)**														
192	Total additions to tax pools	General pool	6.4	14.5	14.4	13.1	11.2	7.7	12.8	10.2	10.2	10.6	11.9	11.6	11.1
193	Total additions to tax pools	Special rate	78.9	65.7	61.1	55.6	72.1	70.9	89.3	89.4	80.6	75.4	71.8	82.1	73.3
194	Total additions to tax pools	IBA	2.1												
195	Total additions to tax pools	Deferred Revenue	83.1	79.2	73.1	81.6	77.6	83.7	81.1	78.8	78.6	76.2	73.8	61.1	67.3
196	Total additions to tax pools	Revenue excl. pensions	47.9	47.5	57.2	68.0	62.0	54.9	55.3	54.5	53.7	54.1	53.5	54.8	55.4
197	Total additions to tax pools	Non Qualifying	5.4	4.9	6.8	5.2	5.8	4.2	4.4	4.0	6.1	6.2	5.0	8.0	5.5
198	Total additions to tax pools	Total	223.9	211.8	212.6	223.5	228.7	221.3	242.9	236.9	229.3	222.6	216.1	217.7	212.6
199	Check total				212.6	223.5	228.7	221.3	242.9	236.9	229.3	222.6	216.1	217.7	212.6
200					OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
201															

202	**Attributions to be used in ED1 Financial Model for forecasting purposes**		General pool	Special rate	Deferred Revenue	Revenue inc pensions	Non Qualifying		General pool	Special rate	Deferred Revenue	Revenue inc pensions	Non Qualifying
203	Load related capex (net of related pension costs)	£m	1.81	218.20	6.64	-	3.25	%	0.8%	94.9%	2.9%	0.0%	1.4%
204	Non load related capex - asset replacement (net of related pension costs)	£m	9.33	214.56	287.56	-	24.76	%	1.7%	40.0%	53.6%	0.0%	4.6%
205	Non load related capex - other + non-operational capex (net of related pens	£m	75.00	27.35	26.64	-	15.39	%	51.9%	18.9%	18.4%	0.0%	10.7%
206	Faults (net of related pension costs)	£m	-	-	116.59	71.28	0.06	%	0.0%	0.0%	62.0%	37.9%	0.0%
207	Tree cutting (net of related pension costs)	£m	-	-	-	68.64	-	%	0.0%	0.0%	0.0%	100.0%	0.0%
208	Controllable opex (including capitalised indirects)(net of related pension cos	£m	-	172.79	163.26	296.22	-	%	0.0%	27.3%	25.8%	46.8%	0.0%
209	Pension costs	£m				93.62		%	0.0%	0.0%	0.0%	100.0%	0.0%

C8: Related Party Cross Subsidy Analysis

SPN

Price base (2012/13)

		F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
4		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
5		DPCR4			DPCR5						RIIO-ED1					(£m)	(£m)
6	Networks Ltd																
7	DNO	Turnover	223.62	224.10	225.70	222.56	233.58	222.19	241.08	233.13	222.05	213.15	203.22	201.55	194.04	1,129.6	1,730.4
8	DNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	DNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Related Party Margin charged to Related Party (in cell A5) by additional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin															-
11	EPN	Turnover	335.72	328.21	328.25	371.85	360.87	343.84	345.90	329.98	324.34	323.99	312.23	307.44	293.69	1,724.9	2,581.4
12	EPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	EPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	LPN	Turnover	183.20	205.44	239.88	264.36	285.60	270.24	263.68	254.57	243.85	248.58	236.24	219.62	210.66	1,178.5	1,947.4
15	LPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	LPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	IDNO	Turnover	3.50	0.41	0.48	-	-	-	-	-	-	-	-	-	-	4.4	-
18	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	UKPN Unreg	Turnover	4.10	7.11	6.43	-	-	-	-	-	-	-	-	-	-	17.7	-
21	UKPN Unreg	Margin	-0.22	-0.21	0.20	-	-	-	-	-	-	-	-	-	-	-0.2	-
22	UKPN Unreg	Margin %	-5%	-3%	3%	-	-	-	-	-	-	-	-	-	-	-1%	-
23	EDF Energy	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	EDF Energy	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	EDF Energy	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	External Parties	Turnover	2.80	10.00	3.54	-	-	-	-	-	-	-	-	-	-	16.3	-
30	External Parties	Margin	-7.46	-1.12	-8.20	-	-	-	-	-	-	-	-	-	-	-20.0	-
31	External Parties	Margin %	-273%	-11%	-231%	-	-	-	-	-	-	-	-	-	-	-5.5	-
32	Allowed Margin check		Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed		
33	Contracting																
34	DNO	Turnover	6.69	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-
35	DNO	Margin	0.94	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-
36	DNO	Margin %	14%	-	-	-	-	-	-	-	-	-	-	-	-	14%	-
37	Related Party Margin charged to Related Party (in cell A5) by additional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	EPN	Turnover	1.60	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-
39	EPN	Margin	0.22	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-
40	EPN	Margin %	14%	-	-	-	-	-	-	-	-	-	-	-	-	14%	-
41	LPN	Turnover	3.19	-	-	-	-	-	-	-	-	-	-	-	-	3.2	-
42	LPN	Margin	0.45	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-
43	LPN	Margin %	14%	-	-	-	-	-	-	-	-	-	-	-	-	14%	-
44	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	UKPN Unreg	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	UKPN Unreg	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	UKPN Unreg	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	EDF Energy	Turnover	0.96	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-
51	EDF Energy	Margin	-0.04	-	-	-	-	-	-	-	-	-	-	-	-	-0.0	-
52	EDF Energy	Margin %	-4%	-	-	-	-	-	-	-	-	-	-	-	-	-4%	-
53	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	External Parties	Turnover	48.14	-	-	-	-	-	-	-	-	-	-	-	-	48.1	-
57	External Parties	Margin	9.57	-	-	-	-	-	-	-	-	-	-	-	-	9.6	-
58	External Parties	Margin %	20%	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-
59	Allowed Margin check		Allowed	-	-	-	-	-	-	-	-	-	-	-	-		
60																	
61	EFS	Turnover	4.03	2.01	1.07	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	8.3	4.6
62	DNO	Margin	-1.72	-1.19	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.9	0.0
63	DNO	Margin %	-43%	-59%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	-35%	1%
64	Related Party Margin charged to Related Party (in cell A5) by additional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin															
65	EPN	Turnover	3.19	2.41	1.40	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	9.1	8.4
66	EPN	Margin	0.34	0.74	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.1	0.1
67	EPN	Margin %	11%	31%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	12%	1%
68	LPN	Turnover	7.44	4.13	2.45	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	16.1	8.4
69	LPN	Margin	-2.59	-0.24	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-2.8	0.1
70	LPN	Margin %	-35%	-6%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	-17%	1%
71	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74	UKPN Unreg	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	UKPN Unreg	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	UKPN Unreg	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77	EDF Energy	Turnover	168.66	157.22	-	-	-	-	-	-	-	-	-	-	-	325.9	-
78	EDF Energy	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	EDF Energy	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83	External Parties	Turnover	11.84	8.35	-	-	-	-	-	-	-	-	-	-	-	20.2	-
84	External Parties	Margin	-3.99	-1.04	-	-	-	-	-	-	-	-	-	-	-	-5.0	-
85	External Parties	Margin %	-34%	-13%	-	-	-	-	-	-	-	-	-	-	-	-0.5	-
86	Allowed Margin check		Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed		
87																	
88																	
89	Transport																
90	DNO	Turnover	7.35	8.03	12.02	15.14	12.44	8.90	8.99	8.91	10.08	9.96	11.32	11.88	11.57	55.0	81.6
91	DNO	Margin	0.59	0.68	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.5	0.0
92	DNO	Margin %	8%	8%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
93	Related Party Margin charged to Related Party (in cell A5) by additional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94	EPN	Turnover	10.41	10.07	11.79	14.21	15.95	12.22	14.42	13.27	15.64	14.02	11.27	12.55	11.26	62.4	104.6
95	EPN	Margin	0.87	0.89	0.26	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2.0	0.1
96	EPN	Margin %	8%	9%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
97	LPN	Turnover	5.79	5.37	6.99	8.60	6.99	6.26	7.12	6.74	6.99	7.04	7.35	7.80	6.07	33.7	55.4
98	LPN	Margin	0.44	0.42	0.13	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.0	0.1
99	LPN	Margin %	8%	8%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
100	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
103	UKPN Unreg	Turnover	1.08	1.44	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	6.1	9.5
104	UKPN Unreg	Margin	0.10	0.14	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.4	0.3
105	UKPN Unreg	Margin %	9%	10%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	6%	3%
106	EDF Energy	Turnover	4.90	-	-	-	-	-	-	-	-	-	-	-	-	4.9	-
107	EDF Energy	Margin	0.46	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-
108	EDF Energy	Margin %	9%	-	-	-	-	-	-	-	-	-	-	-	-	9%	-
109	Other Related Party f	Turnover	-	-	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	4.7	12.6
110	Other Related Party f	Margin	-	-	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.4
111	Other Related Party f	Margin %			3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
112	External Parties	Turnover	0.38	0.52	-	-	-	-	-	-	-	-	-	-	-	0.9	-
113	External Parties	Margin	0.04	0.05	-	-	-	-	-	-	-	-	-	-	-	0.1	-
114	External Parties	Margin %	9%	10%												0.2	
115	Allowed Margin check		Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed	Disallowed		
116																	
117	Corporate																
118	DNO	Turnover	9.94	0.42	-	-	-	-	-	-	-	-	-	-	-	10.4	-
119	DNO	Margin	0.14	0.13	-	-	-	-	-	-	-	-	-	-	-	0.3	-
120	DNO	Margin %	1%	31%	-	-	-	-	-	-	-	-	-	-	-	3%	-
121	Related Party Margin charged to Related Party (in cell A5) by additional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122	EPN	Turnover	14.37	0.65	-	-	-	-	-	-	-	-	-	-	-	15.0	-
123	EPN	Margin	0.22	0.20	-	-	-	-	-	-	-	-	-	-	-	0.4	-
124	EPN	Margin %	2%	30%	-	-	-	-	-	-	-	-	-	-	-	3%	-
125	LPN	Turnover	11.13	0.52	-	-	-	-	-	-	-	-	-	-	-	11.6	-
126	LPN	Margin	0.14	0.14	-	-	-	-	-	-	-	-	-	-	-	0.3	-
127	LPN	Margin %	1%	27%	-	-	-	-	-	-	-	-	-	-	-	2%	-
128	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131	UKPN Unreg	Turnover	6.17	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-
132	UKPN Unreg	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133	UKPN Unreg	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134	EDF Energy	Turnover	107.15	-	-	-	-	-	-	-	-	-	-	-	-	107.1	-
135	EDF Energy	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136	EDF Energy	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	External Parties	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	External Parties	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142	External Parties	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143	Allowed Margin check		Disallowed	Disallowed	-	-	-	-	-	-	-	-	-	-	-		
144																	
145	Energy Sourcing & Customer Supply																
146	DNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147	DNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148	DNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149	Related Party Margin charged to Related Party (in cell A5) by additional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	EPN	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151	EPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152	EPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153	LPN	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	LPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
155	LPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
158	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159	UKPN Unreg	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	UKPN Unreg	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161	UKPN Unreg	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162	EDF Energy	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
163	EDF Energy	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164	EDF Energy	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
167	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168	External Parties	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169	External Parties	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	W	AO	BG	BY	CQ	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK
1	2011	2012	2013	2014	2015		2016																		2017										
4								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR			
5								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
7								0	0	0	0			-	-	-		Related Party Margin within Price Control:	-	-	-	-	Disallowed			0	0	0	0			-	-	-
10																																			
14																																			
30																																			
32								-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-			-	-	-
33								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR			
35								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
37								0	0	0	0			-	-	-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0			-	-	-
40																																			
44																																			
59								-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-			-	-	-
60								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR			
63								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
65								0.00118922	0	0	0			-	-	-		Related Party Margin within Price Control:	0.00	-	-	-	Disallowed			0.00119987	0	0	0			-	-	-
68																																			
86								-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-			-	-	-
87								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR			
90								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
92								0	0	0.254058	0			-	-	-		Related Party Margin within Price Control:	-	-	0.25	-	Disallowed			0	0	0.254184	0			-	-	-
95																																			
115								-	-	0.25	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	0.25	-			-	-	-
116								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR			
119								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
121								0	0	0	0			-	-	-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0			-	-	-
144																																			
146								-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-			-	-	-
147								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR			
150								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
152								0	0	0	0			-	-	-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0			-	-	-

	A	B	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
470	External Parties	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
471	Allowed Margin check		-	-	-	-	-	-	-	-	-	-	-	-	-		
472	Nuclear Branch																
473	DNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
474	DNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
475	DNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
476	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
477	EPN	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
478	EPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
479	EPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
480	LPN	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
481	LPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
482	LPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
483	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
484	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
485	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
486	UKPN Unreg	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
487	UKPN Unreg	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
488	UKPN Unreg	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
489	EDF Energy	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
490	EDF Energy	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
491	EDF Energy	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
492	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
493	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
494	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
495	External Parties	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
496	External Parties	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
497	External Parties	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
498	Allowed Margin check		-	-	-	-	-	-	-	-	-	-	-	-	-		
499	London Captive Insurance																
500	DNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
501	DNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
502	DNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
503	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
504	EPN	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
505	EPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
506	EPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
507	LPN	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
508	LPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
509	LPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
510	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
511	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
512	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
513	UKPN Unreg	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
514	UKPN Unreg	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
515	UKPN Unreg	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
516	EDF Energy	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
517	EDF Energy	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
518	EDF Energy	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
519	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
520	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
521	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
522	External Parties	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
523	External Parties	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
524	External Parties	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
525	Allowed Margin check		-	-	-	-	-	-	-	-	-	-	-	-	-		
526	Development																
527	DNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
528	DNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
529	DNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
530	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
531	EPN	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
532	EPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
533	EPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
534	LPN	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535	LPN	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
536	LPN	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
537	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
538	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
539	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
540	UKPN Unreg	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
541	UKPN Unreg	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
542	UKPN Unreg	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
543	EDF Energy	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
544	EDF Energy	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
545	EDF Energy	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
546	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
547	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
548	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
549	External Parties	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
550	External Parties	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551	External Parties	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
552	Allowed Margin check		-	-	-	-	-	-	-	-	-	-	-	-	-		
553	IT																
554	DNO	Turnover	17.18	10.95	0.87	-	-	-	-	-	-	-	-	-	-	29.0	-
555	DNO	Margin	0.65	1.37	0.11	-	-	-	-	-	-	-	-	-	-	2.1	-
556	DNO	Margin %	4%	13%	13%	-	-	-	-	-	-	-	-	-	-	7%	-
557	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
558	EPN	Turnover	27.55	17.48	1.37	-	-	-	-	-	-	-	-	-	-	46.4	-
559	EPN	Margin	1.03	2.17	0.18	-	-	-	-	-	-	-	-	-	-	3.4	-
560	EPN	Margin %	4%	12%	13%	-	-	-	-	-	-	-	-	-	-	7%	-
561	LPN	Turnover	20.09	10.95	0.87	-	-	-	-	-	-	-	-	-	-	31.9	-
562	LPN	Margin	0.65	1.38	0.11	-	-	-	-	-	-	-	-	-	-	2.1	-
563	LPN	Margin %	3%	13%	13%	-	-	-	-	-	-	-	-	-	-	7%	-
564	IDNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
565	IDNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
566	IDNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
567	UKPN Unreg	Turnover	1.11	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-
568	UKPN Unreg	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
569	UKPN Unreg	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
570	EDF Energy	Turnover	107.69	-	-	-	-	-	-	-	-	-	-	-	-	107.7	-
571	EDF Energy	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
572	EDF Energy	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
573	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
574	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
575	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
576	External Parties	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
577	External Parties	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
578	External Parties	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
579	Allowed Margin check		Disallowed	Disallowed	Disallowed	-	-	-	-	-	-	-	-	-	-		
580	- none -																
581	DNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
582	DNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
583	DNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
584	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
585	Other Related Party a	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
586	Other Related Party a	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587	Other Related Party a	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588	Other Related Party b	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
589	Other Related Party b	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
590	Other Related Party b	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
591	Other Related Party c	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
592	Other Related Party c	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
593	Other Related Party c	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
594	Other Related Party d	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
595	Other Related Party d	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
596	Other Related Party d	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
597	Other Related Party e	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
598	Other Related Party e	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
599	Other Related Party e	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
600	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
601	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
602	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
603	External Parties	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
604	External Parties	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605	External Parties	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
606	Allowed Margin check		-	-	-	-	-	-	-	-	-	-	-	-	-		
607	- none -																
608	DNO	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
609	DNO	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610	DNO	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
611	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
612	Other Related Party a	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
613	Other Related Party a	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614	Other Related Party a	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
615	Other Related Party b	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
616	Other Related Party b	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
617	Other Related Party b	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
618	Other Related Party c	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
619	Other Related Party c	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
620	Other Related Party c	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
621	Other Related Party d	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
622	Other Related Party d	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
623	Other Related Party d	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
624	Other Related Party e	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
625	Other Related Party e	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
626	Other Related Party e	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627	Other Related Party f	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
628	Other Related Party f	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
629	Other Related Party f	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
630	External Parties	Turnover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
631	External Parties	Margin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
632	External Parties	Margin %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
633	Allowed Margin check		-	-	-	-	-	-	-	-	-	-	-	-	-		

	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK
	-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-						
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR				
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs	
	0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0		-	-	-	-	
	-	-	-	-															-	-	-	-						
	-	-	-	-			-	-	-			-	-	-	-				-	-	-	-			-	-	-	
	-	-	-	-	

	A	B	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
339	Allowed Margin check			-	-	-	-	-	-	-	-	-	-	-	-	-		
340																		
341	- none -																	
342	DNO	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
343	DNO	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
344	DNO	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
345	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
346	Other Related Party a	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
347	Other Related Party a	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
348	Other Related Party a	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
349	Other Related Party b	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	Other Related Party b	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
351	Other Related Party b	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
352	Other Related Party c	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
353	Other Related Party c	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
354	Other Related Party c	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
355	Other Related Party d	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
356	Other Related Party d	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
357	Other Related Party d	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
358	Other Related Party e	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
359	Other Related Party e	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
360	Other Related Party e	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
361	Other Related Party f	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
362	Other Related Party f	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
363	Other Related Party f	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
364	External Parties	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
365	External Parties	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
366	External Parties	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
367	Allowed Margin check			-	-	-	-	-	-	-	-	-	-	-	-	-		
368																		
369	- none -																	
370	DNO	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
371	DNO	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
372	DNO	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
373	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374	Other Related Party a	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
375	Other Related Party a	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
376	Other Related Party a	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377	Other Related Party b	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
378	Other Related Party b	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
379	Other Related Party b	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
380	Other Related Party c	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
381	Other Related Party c	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
382	Other Related Party c	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
383	Other Related Party d	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
384	Other Related Party d	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
385	Other Related Party d	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
386	Other Related Party e	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
387	Other Related Party e	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
388	Other Related Party e	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
389	Other Related Party f	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
390	Other Related Party f	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391	Other Related Party f	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
392	External Parties	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
393	External Parties	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
394	External Parties	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
395	Allowed Margin check			-	-	-	-	-	-	-	-	-	-	-	-	-		
396																		
397	- none -																	
398	DNO	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
399	DNO	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
400	DNO	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
401	Related Party Margin charged to Related Party (in cell A5) by aditional DNO Affiliates or Related Undertakings that do not directly trade/ transact with the DNO directly	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
402	Other Related Party a	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
403	Other Related Party a	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
404	Other Related Party a	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
405	Other Related Party b	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
406	Other Related Party b	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
407	Other Related Party b	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
408	Other Related Party c	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
409	Other Related Party c	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
410	Other Related Party c	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
411	Other Related Party d	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
412	Other Related Party d	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
413	Other Related Party d	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
414	Other Related Party e	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
415	Other Related Party e	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
416	Other Related Party e	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
417	Other Related Party f	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
418	Other Related Party f	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
419	Other Related Party f	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
420	External Parties	Turnover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
421	External Parties	Margin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
422	External Parties	Margin %		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
423	Allowed Margin check			-	-	-	-	-	-	-	-	-	-	-	-	-		
424																		
425																		
426																		
427																		
428																		

	W	AO	BG	BY	CQ	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK
339								-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-		-	-	-	-	
340								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR				
341								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs	
342								0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-	
343								-	-	-	-					-			-	-	-	-				-	-	-	-					-	
344																																			
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363																																			
364																																			
365																																			
366																																			
367								-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-		-	-	-	-	
368								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR				
369								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs	
370								0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-	
371								-	-	-	-					-			-	-	-	-				-	-	-	-					-	
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395								-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-		-	-	-	-	
396								Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR				
397								NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs	
398								0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-	
399								-	-	-	-					-			-	-	-	-				-	-	-	-					-	
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420																																			
421																																			
422																																			
423								-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total Al	-	-	-	-				-	-	-	-		-	-	-	-	
424																		Related Party Margins Total within Price Control:	0.00	-	0.25	-													
425																		Related Party Margin within Price Control Total Al	-	-	-	-													
426																		Related Party Margin Total Disallowed:	0.00	-	0.25	-													
427																																			
428																																			

	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ
1																									
2								2018																	
3																									
4		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
5		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
6																									
7	Related Party Margin within Price Control:	-	-	-	-	Disallowed			0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	Disallowed	
8		-	-	-	-				-	-	-	-		-	-	-	-			-	-	-	-		
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30	Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-		
31		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
32		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
33																									
34	Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	-	
35																									
36		-	-	-	-				-	-	-	-		-	-	-	-			-	-	-	-		
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59	Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-		
60		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
61		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
62																									
63	Related Party Margin within Price Control:	0.00	-	-	-	Disallowed			0.00121044	0	0	0		-	-	-	-		Related Party Margin within Price Control:	0.00	-	-	-	Disallowed	
64																									
65		-	-	-	-				-	-	-	-		-	-	-	-			-	-	-	-		
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87	Related Party Margin within Price Control Total A	-	-	-	-				0.00	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-		
88		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
89		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
90																									
91	Related Party Margin within Price Control:	-	-	0.25	-	Disallowed			0	0	0.254089	0		-	-	-	-		Related Party Margin within Price Control:	-	-	0.25	-	Disallowed	
92																									
93		-	-	-	-				-	-	-	-		-	-	-	-			-	-	-	-		
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115	Related Party Margin within Price Control Total A	-	-	-	-				-	-	0.25	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-		
116		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
117		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
118																									
119	Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	-	
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121		-	-	-	-				-	-	-	-		-	-	-	-			-	-	-	-		
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145		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
146		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
147																									
148	Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	-	
149																									
150		-	-	-	-				-	-	-	-		-	-	-	-			-	-	-	-		
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2	2019																	
3																		
4		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
5		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
6																		
7		0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	Disallowed	
8		-	-	-	-		-	-	-	-			-	-	-	-		
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30		-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-		
31		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
32		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
33																		
34		0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	-	
35																		
36		-	-	-	-		-	-	-	-			-	-	-	-		
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59		-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-		
60		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
61		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
62																		
63		0.0011924	0	0	0		-	-	-	-		Related Party Margin within Price Control:	0.00	-	-	-	Disallowed	
64																		
65		-	-	-	-		-	-	-	-			-	-	-	-		
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87		0.00	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-		
88		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
89		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
90																		
91		0	0	0.253432	0		-	-	-	-		Related Party Margin within Price Control:	-	-	0.25	-	Disallowed	
92																		
93		-	-	-	-		-	-	-	-			-	-	-	-		
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114																		
115		-	-	0.25	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-		
116		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
117		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
118																		
119		0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	-	
120																		
121		-	-	-	-		-	-	-	-			-	-	-	-		
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145		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
146		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
147																		
148		0	0	0	0		-	-	-	-		Related Party Margin within Price Control:	-	-	-	-	-	
149																		
150		-	-	-	-		-	-	-	-			-	-	-	-		
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4		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Pric		
5		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects
6															
7		0	0	0	0							Related Party Margin within Price Control:	-	-	-
8		-	-	-	-								-	-	-
9															
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30		-	-	-	-							Related Party Margin within Price Control Total A	-	-	-
31		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Pric		
32		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects
33															
34		0	0	0	0							Related Party Margin within Price Control:	-	-	-
35															
36		-	-	-	-								-	-	-
37															
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58															
59		-	-	-	-							Related Party Margin within Price Control Total A	-	-	-
60		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Pric		
61		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects
62															
63		0.00118134	0	0	0							Related Party Margin within Price Control:	0.00	-	-
64															
65		-	-	-	-								-	-	-
66															
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86															
87		0.00	-	-	-							Related Party Margin within Price Control Total A	-	-	-
88		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Pric		
89		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects
90															
91		0	0	0.252971	0							Related Party Margin within Price Control:	-	-	-
92															
93		-	-	-	-								-	-	-
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114															
115		-	-	0.25	-							Related Party Margin within Price Control Total A	-	-	-
116		Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Pric		
117		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects
118															
119		0	0	0	0							Related Party Margin within Price Control:	-	-

	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ
1170																																																												
1171	Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	
1172		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR							Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control				
1173		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs

	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ
339	Related Party Margin within Price Control Total A	-	-	-	-	-			-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-			-	-	-	-		Related Party Margin within Price Control Total A	-	-	-	-	-			-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A	-	-	-
340		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR							Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Pri			
341		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
342																																																												
343	Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-
344																																																												
345		-	-	-	-				-	-	-	-					-			-	-	-	-				-	-	-	-					-			-	-	-	-				-	-	-	-					-			-	-	-	
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358	Related Party Margin within Price Control Total A	-	-	-	-	-			-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-	-			-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-
359		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR							Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Pri			
360		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
361																																																												
362	Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-
363																																																												
364		-	-	-	-				-	-	-	-					-			-	-	-	-				-	-	-	-					-			-	-	-	-				-	-	-	-					-			-	-	-	
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371	Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-
372																																																												
373		-	-	-	-				-	-	-	-					-			-	-	-	-				-	-	-	-					-			-	-	-	-				-	-	-	-					-			-	-	-	
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383	Related Party Margin within Price Control Total A	-	-	-	-	-			-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-	-			-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-
384		Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR							Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Pri			
385		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs
386																																																												
387	Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-
388																																																												
389		-	-	-	-				-	-	-	-					-			-	-	-	-				-	-	-	-					-			-	-	-	-				-	-	-	-					-			-	-	-	
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399	Related Party Margin within Price Control Total A	-	-	-	-	-			-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-				-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-	-			-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-
400																																																												
401	Related Party Margins Total within Price Control:	0.00	-	0.25	-														Related Party Margins Total within Price Control:	0.00	-	0.25	-														Related Party Margins Total within Price Control:	0.00	-	0.25	-														Related Party Margins Total within Price Control:	0.00	-	0.25
402	Related Party Margin within Price Control Total A	-	-	-	-														Related Party Margin within Price Control Total A	-	-	-	-														Related Party Margin within Price Control Total A	-	-	-	-														Related Party Margin within Price Control Total A	-	-	-
403	Related Party Margin Total Disallowed:	0.00	-	0.25	-														Related Party Margin Total Disallowed:	0.00	-	0.25	-														Related Party Margin Total Disallowed:	0.00	-	0.25	-														Related Party Margin Total Disallowed:	0.00	-	0.25

2021

GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL
				Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
-	Disallowed			0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	Disallowed	
-				-	-	-	-								-	-	-	-		
				-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
-	-			0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	-	
-				-	-	-	-								-	-	-	-		
				-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
-	Disallowed			0.00119853	0	0	0							Related Party Margin within Price Control:	0.00	-	-	-	Disallowed	
-				-	-	-	-								-	-	-	-		
				0.00	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
-	Disallowed			0	0	0.253191	0							Related Party Margin within Price Control:	-	-	0.25	-	Disallowed	
-				-	-	-	-								-	-	-	-		
				-	-	0.25	-							Related Party Margin within Price Control Total A	-	-	-	-		
Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
-	-			0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	-	
-				-	-	-	-								-	-	-	-		
				-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
-	-			0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	-	
-				-	-	-	-								-	-	-	-		
				-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		

2022

HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	Disallowed	
	-	-	-	-								-	-	-	-		
	-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	-	
	-	-	-	-								-	-	-	-		
	-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0.00121226	0	0	0							Related Party Margin within Price Control:	0.00	-	-	-	Disallowed	
	-	-	-	-								-	-	-	-		
	0.00	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0.253218	0							Related Party Margin within Price Control:	-	-	0.25	-	Disallowed	
	-	-	-	-								-	-	-	-		
	-	-	0.25	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	-	
	-	-	-	-								-	-	-	-		
	-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	-	
	-	-	-	-								-	-	-	-		
	-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		

2023

IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	Disallowed	
	-	-	-	-								-	-	-	-		
	-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	-	
	-	-	-	-								-	-	-	-		
	-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0.00118218	0	0	0							Related Party Margin within Price Control:	0.00	-	-	-	Disallowed	
	-	-	-	-								-	-	-	-		
	0.00	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0.252424	0							Related Party Margin within Price Control:	-	-	0.25	-	Disallowed	
	-	-	-	-								-	-	-	-		
	-	-	0.25	-							Related Party Margin within Price Control Total A	-	-	-	-		
	Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
	0	0	0	0							Related Party Margin within Price Control:	-	-	-	-	-	
	-	-	-	-								-	-	-	-		
	-	-	-	-							Related Party Margin within Price Control Total A	-	-	-	-		

	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL
1470					-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-		
1471					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1472	y Control																				
1473		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1474																					
1475	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
1476																					
1477	-				-	-	-	-					-			-	-	-	-		
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1490																					
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1492																					
1493					-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-		
1494					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1495	y Control																				
1496		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1497																					
1498	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
1499																					
1500	-				-	-	-	-					-			-	-	-	-		
1501																					
1502																					
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1510																					
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1512																					
1513					-	-	-	-					-		Related Party Margin within Price Control Total A	-	-	-	-		
1514					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1515	y Control																				
1516		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1517																					
1518	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1534					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1535	y Control																				
1536		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1537																					
1538	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1554					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1555	y Control																				
1556		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1557																					
1558	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1574					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1575	y Control																				
1576		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1577																					
1578	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1594					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1595	y Control																				
1596		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1597																					
1598	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1615	y Control																				
1616		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1617																					
1618	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1635	y Control																				
1636		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
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1638	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1655	y Control																				
1656		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
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1658	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1675	y Control																				
1676		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
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1678	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1698	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1714					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1715	y Control																				
1716		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
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1735	y Control																				
1736		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
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1738	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1756		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1757																					
1758	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1774					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1775	y Control																				
1776		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
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1778	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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1814					Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR						Related Party Margin within Price Control					
1815	y Control																				
1816		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
1817																					
1818	-	-			0	0	0	0					-		Related Party Margin within Price Control:	-	-	-	-	-	
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3939					-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3940	e Control				Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3941		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3942															
3943		-	-		0	0	0	0					-		Related Party Margin within Price Control:
3944															
3945		-			-	-	-	-			-	-	-		
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3966															
3967					-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3968	e Control				Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3969		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3970															
3971		-	-		0	0	0	0					-		Related Party Margin within Price Control:
3972															
3973		-			-	-	-	-			-	-	-		
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3993															
3994					-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3995	e Control				Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3996		Business Support Costs			NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3997															
3998		-	-		0	0	0	0					-		Related Party Margin within Price Control:
3999															
4000		-			-	-	-	-			-	-	-		
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4024					-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
4025															Related Party Margins Total within Price Control:
4026															Related Party Margin within Price Control Total A
4027															Related Party Margin Total Disallowed:

	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX
3939	-	-	-	-	-			-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3940	Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3941	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3942																		
3943	-	-	-	-	-			0	0	0	0		-	-	-	-		Related Party Margin within Price Control:
3944																		
3945	-	-	-	-				-	-	-	-		-	-	-	-		
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3967	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3968	Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3969	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3970																		
3971	-	-	-	-	-			0	0	0	0		-	-	-	-		Related Party Margin within Price Control:
3972																		
3973	-	-	-	-				-	-	-	-		-	-	-	-		
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3994	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3995	Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3996	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3997																		
3998	-	-	-	-	-			0	0	0	0		-	-	-	-		Related Party Margin within Price Control:
3999																		
4000	-	-	-	-				-	-	-	-		-	-	-	-		
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4024	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
4025	0.00	-	0.25	-														Related Party Margins Total within Price Control:
4026	-	-	-	-														Related Party Margin within Price Control Total A
4027	0.00	-	0.25	-														Related Party Margin Total Disallowed:

	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP
3939	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3940	Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3941	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3942																		
3943	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:
3944																		
3945	-	-	-	-				-	-	-	-			-	-	-		
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3967	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3968	Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3969	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3970																		
3971	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:
3972																		
3973	-	-	-	-				-	-	-	-			-	-	-		
3974																		
3975																		
3976																		
3977																		
3978																		
3979																		
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3983																		
3984																		
3985																		
3986																		
3987																		
3988																		
3989																		
3990																		
3991																		
3992																		
3993																		
3994	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
3995	Related Party Margin within Price Control							Related Party Margin: where it is reported in this DNO					Related Party Margin included in indirects funded through connections contributions or NTR					
3996	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs				NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3997																		
3998	-	-	-	-	-			0	0	0	0					-		Related Party Margin within Price Control:
3999																		
4000	-	-	-	-				-	-	-	-			-	-	-		
4001																		
4002																		
4003																		
4004																		
4005																		
4006																		
4007																		
4008																		
4009																		
4010																		
4011																		
4012																		
4013																		
4014																		
4015																		
4016																		
4017																		
4018																		
4019																		
4020																		
4021																		
4022																		
4023																		
4024	-	-	-	-				-	-	-	-		-	-	-	-		Related Party Margin within Price Control Total A
4025	0.00	-	0.25	-														Related Party Margins Total within Price Control:
4026	-	-	-	-														Related Party Margin within Price Control Total A
4027	0.00	-	0.25	-														Related Party Margin Total Disallowed:

	IQ	IR	IS	IT	IU	IV
3939	-	-	-	-		
3940	Related Party Margin within Price Control					
3941	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3942						
3943	-	-	-	-	-	
3944						
3945	-	-	-	-		
3946						
3947						
3948						
3949						
3950						
3951						
3952						
3953						
3954						
3955						
3956						
3957						
3958						
3959						
3960						
3961						
3962						
3963						
3964						
3965						
3966						
3967	-	-	-	-		
3968	Related Party Margin within Price Control					
3969	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3970						
3971	-	-	-	-	-	
3972						
3973	-	-	-	-		
3974						
3975						
3976						
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3984						
3985						
3986						
3987						
3988						
3989						
3990						
3991						
3992						
3993						
3994	-	-	-	-		
3995	Related Party Margin within Price Control					
3996	NI & NOCs	Non-Operational Capex	Closely Associated Indirects	Business Support Costs		
3997						
3998	-	-	-	-	-	
3999						
4000	-	-	-	-		
4001						
4002						
4003						
4004						
4005						
4006						
4007						
4008						
4009						
4010						
4011						
4012						
4013						
4014						
4015						
4016						
4017						
4018						
4019						
4020						
4021						
4022						
4023						
4024	-	-	-	-		
4025	0.00	-	0.25	-		
4026	-	-	-	-		
4027	0.00	-	0.25	-		

C10: Summary - Network Investment by Category
SPN
Price base (2012/13)

Gross Costs

		Costs														
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Connection projects	Within Price Control		35.21	13.11	6.58	5.30	4.33	3.93	3.96	3.99	4.02	4.06	4.06	4.12	4.15	64.5	32.3
Core	Diversions		5.31	9.66	6.63	3.64	7.36	6.35	6.36	6.26	6.20	6.57	8.72	10.44	7.49	32.6	58.4
Core	Diversions-Rail electrification							-	-	-	-	-	-	-	-	-	-
Core	Reinforcement - General		23.57	11.03	10.55	14.07	27.13	23.04	29.69	28.68	20.04	15.39	15.06	21.75	19.75	86.3	173.4
Core	Reinforcement - DSM Payments to avoid Reinforcement		-	-	-	-	-	0.01	0.03	0.03	0.04	0.07	0.13	0.13	0.13	-	0.6
Core	Fault Level Reinforcement		1.88	1.48	0.37	0.34	0.47	1.20	0.96	1.28	0.30	-	-	-	-	4.5	3.7
Core	Transmission Connection Points		-	-	-	-	-	-	1.72	3.43	3.43	3.43	3.43	3.43	3.43	-	22.3
Core	ESQCR		9.36	6.48	3.05	8.73	9.01	3.73	3.62	3.51	3.41	3.31	3.22	3.13	3.05	36.6	27.0
Core	Asset Replacement		32.09	30.06	31.58	26.57	28.04	33.06	39.89	38.01	37.73	36.31	34.10	29.99	31.84	148.3	281.0
Core	Refurbishment		6.24	1.16	1.54	5.68	4.29	2.29	2.43	2.90	2.73	3.42	3.73	3.88	2.68	18.9	24.1
Core	Civil Works		5.81	6.30	3.79	4.36	6.45	4.20	6.08	5.90	6.69	6.18	5.80	4.22	4.24	26.7	43.3
Core	Operational IT & Telecoms		0.37	0.61	2.08	4.68	4.38	3.74	3.80	4.32	4.09	4.40	4.72	5.08	5.21	12.1	35.3
Core	Legal and Safety		0.88	1.62	3.91	4.66	5.73	6.82	6.99	4.21	3.78	3.46	3.20	3.00	3.04	16.8	34.5
Core	QoS		5.03	2.04	4.73	1.71	0.58	-	-	-	-	-	-	-	-	14.1	-
Core	High Value Projects (ex ante)		2.97	6.79	11.76	7.68	10.02	5.17	6.27	6.20	5.75	4.75	2.83	-	-	39.2	31.0
Core	High Value Projects (re-openers)							-	-	-	-	-	-	-	-	-	-
Non Core	Flooding		0.02	0.02	0.65	0.34	1.54	0.58	0.58	0.58	0.58	0.45	0.45	0.29	0.29	2.6	3.8
Non Core	BT21CN		0.00	0.00	0.04	0.11	0.16	4.21	4.35	4.28	1.22	1.22	0.86	0.74	0.94	0.3	17.8
Non Core	Technical losses							-	-	-	-	-	-	-	-	-	-
Non Core	Environmental		1.20	0.47	0.48	0.49	0.49	0.39	0.39	0.39	0.36	0.30	0.30	0.30	0.39	3.1	2.8
Non Core	High Impact Low Probability (HILP)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non Core	CNI		-	-	-	-	-	2.50	-	-	2.50	3.00	1.00	-	-	-	9.0
Non Core	Black Start		-	-	0.01	0.61	0.73	0.73	0.72	0.72	0.72	0.46	-	-	-	1.3	3.3
Non Core	Rising mains and laterals		0.27	0.32	1.46	1.34	1.92	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	5.3	16.0
Stand Alone Funding (RAV)	Undergrounding Within/ Outside designated areas		0.80	0.18	0.64	1.48	1.48	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	4.6	13.8
Stand Alone Funding (RAV)	Worst Served Customers		-	-	0.07	0.83	0.71	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	1.6	2.8
Total			**131.0**	**91.3**	**89.9**	**92.6**	**114.8**	**106.0**	**121.9**	**118.8**	**107.7**	**100.9**	**95.7**	**94.6**	**90.7**	519.7	836.2

By Category

Demand and Pre 2005 DG Connections	35.2	13.1	6.6	5.3	4.3	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1	64.5	32.3
Core	93.5	77.2	80.0	82.1	103.4	89.6	107.8	104.7	94.2	87.3	84.9	85.1	80.9	436.3	734.5
Non Core	1.5	0.8	2.7	2.9	4.8	10.4	8.0	8.0	7.4	7.4	4.6	3.3	3.6	12.7	52.7
Stand Alone Funding (RAV)	0.8	0.2	0.7	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	6.2	16.6
Total	**131.0**	**91.3**	**89.9**	**92.6**	**114.8**	**106.0**	**121.9**	**118.8**	**107.7**	**100.9**	**95.7**	**94.6**	**90.7**	519.7	836.2

Check - Core	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Non Core ex ante	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Stand Alone Funding (RAV)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

C21: IFI by Cost Type
SPN
Price base (2012/13)

	Costs						
	2010	2011	2012	2013	2014	2015	DPCR5
	DPCR4			DPCR5			(£m)
Eligible IFI Expenditure by Cost Type (including Indirects)							
Labour		0.09	0.07	0.08	0.09	0.09	**0.4**
Pensions		0.01	-	-	-	-	**0.0**
Contractors		0.84	0.67	0.49	0.52	0.56	**3.1**
Materials		0.02	0.01	0.11	0.12	0.13	**0.4**
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	**-**
Road Charges		-	-	-	-	-	**-**
Rent		-	-	-	-	-	**-**
Subscriptions		-	-	-	-	-	**-**
Related Party Margins		-	-	-	-	-	**-**
Total Gross Costs		**0.9**	**0.7**	**0.7**	**0.7**	**0.8**	**3.9**
Customer Contributions		-	-	-	-	-	**-**
Cost recoveries		-0.02	-	-	-	-	**-0.0**
Total Net Costs		**0.9**	**0.7**	**0.7**	**0.7**	**0.8**	**3.9**
IFI Carry Forward		0.40	0.71	0.08	-	-	1.2
IFI - Eligible Internal Expenditure		0.08	0.07	0.08	0.09	0.09	0.4
LCN Fund First Tier Expenditure by Cost Type							
Labour		-	0.07	0.11	0.20	0.05	**0.4**
Pensions		-	-	0.02	-	-	**0.0**
Contractors		0.21	0.10	0.44	0.39	0.20	**1.3**
Materials		-	0.00	-	0.12	0.04	**0.2**
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	**-**
Road Charges		-	-	-	-	-	**-**
Rent		-	-	-	-	-	**-**
Subscriptions		-	-	-	-	-	**-**
Related Party Margins		-	-	-	-	-	**-**
Total Gross Costs		**0.2**	**0.2**	**0.6**	**0.7**	**0.3**	**2.0**
Customer Contributions		-	-	-	-	-	**-**
Cost recoveries		-	-	-	-	-	**-**
Total Net Costs		**0.2**	**0.2**	**0.6**	**0.7**	**0.3**	**2.0**
Check - Cost type split to total LCN project costs less external funding		OK	OK	OK	OK	OK	
LCN Fund Allowable First Tier Expenditure		**0.21**	**0.16**	**0.53**	**0.66**	**0.22**	1.8
LCN Fund First Tier Expenditure		**0.21**	**0.16**	**0.57**	**0.71**	**0.30**	2.0
Set Up Expenditure							
LCN Fund First Tier resourcing & project preparation		-	0.00	0.00	0.00	0.00	0.0
LCN Fund Second Tier bid preparation		0.17	0.09	0.18	0.19	0.19	0.8
LCN Fund Allowable Set-up Expenditure		**0.17**	**0.10**	**0.18**	**0.19**	**0.19**	0.8
LCN Fund First Tier Allowance		1.30	1.24	1.20	1.20	1.20	6.1
Check - Set-up expenditure limits		OK	OK	OK	OK	OK	
Project Expenditure							
Total LCN Fund Allowable First Tier Project Expenditure		**0.05**	**0.06**	**0.35**	**0.47**	**0.03**	**0.95**
Total LCN Fund Eligible First Tier DNO Expenditure		**0.05**	**0.07**	**0.39**	**0.52**	**0.10**	**1.12**
Distribution Network Visibility	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	0.05	0.06	0.10	0.17	-	0.4
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	**0.05**	**0.06**	**0.10**	**0.17**	**-**	0.4
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	**0.05**	**0.06**	**0.10**	**0.17**	**-**	0.4
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	0.01	0.01	0.02	-	0.0
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	**0.05**	**0.05**	**0.09**	**0.15**	**-**	0.3
the benefits of short-term discharge energy storage on an 11kV distribution network	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	0.03	0.01	0.03	0.03	-	0.1
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	**0.03**	**0.01**	**0.03**	**0.03**	**-**	0.1
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	0.03	-	-	-	-	0.0
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	**-**	**0.01**	**0.03**	**0.03**	**-**	0.1
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	0.00	0.00	0.00	-	0.0
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	**-**	**0.01**	**0.02**	**0.03**	**-**	0.1
Validation of Photovoltaic (PV) connection assessment tool	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	-	-	0.06	0.08	0.02	0.2

LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	-	-	0.06	0.08	0.02	0.2
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	-	-	0.06	0.08	0.02	0.2
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	-	0.01	0.01	0.00	0.0
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	-	-	0.05	0.07	0.02	0.1

Smart Urban Low Voltage Network	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	-	-	0.21	0.24	0.08	0.5
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	-	-	0.21	0.24	0.08	0.5
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	-	-	0.21	0.24	0.08	0.5
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	-	0.02	0.02	0.01	0.1
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	-	-	0.19	0.21	0.07	0.5

New Tier 1 project - to be registered	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	-	-	-	-	-	-
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	-	-	-	-	-	-
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	-	-	-	0.06	0.1
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	-	-	-	-	-0.06	-0.1

[Project name 6]	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	-	-	-	-	-	-
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	-	-	-	-	-	-
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	-	-	-	-	-
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	-	-	-	-	-	-

	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	-	-	-	-	-	-
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	-	-	-	-	-	-

LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	-	-	-	-	-
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	-	-	-	-	-	-

	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	-	-	-	-	-	-
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	-	-	-	-	-	-
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	-	-	-	-	-
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	-	-	-	-	-	-

	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	-	-	-	-	-	-
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	-	-	-	-	-	-
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	-	-	-	-	-
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	-	-	-	-	-	-

	Term as in Licence						
Total LCN Fund First Tier Project Costs	Total LCN Project Costs	-	-	-	-	-	-
LCN Fund Non-eligible First Tier Project Expenditure	Total funding from External Collaborators, third parties and other funding sources	-	-	-	-	-	-
LCN Fund Eligible First Tier Project Expenditure	Eligible First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund Unrecoverable First Tier Project Expenditure	Unrecoverable First Tier Project Expenditure	-	-	-	-	-	-
LCN Fund External First Tier Funding	External First Tier Funding	-	-	-	-	-	-
LCN Fund Eligible First Tier DNO Expenditure	Eligible First Tier DNO Expenditure	-	-	-	-	-	-
LCN Fund First Tier Savings In Revenue Allowed	Revenue allowed for within DPCR5 settlement	-	-	-	-	-	-
LCN Fund First Tier DNO Project Contribution		-	-	-	-	-	-
LCN Fund Allowable First Tier Project Expenditure	Allowable First Tier Project Expenditure	-	-	-	-	-	-

LCN Fund Second Tier Expenditure

	Total Direct Costs															
	DPCR4	DPCR5					RIIO-ED1								Total	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
LCN Fund Expenditure		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LCN Fund Second Tier Expenditure by Cost Type

	Costs															
	DPCR4	DPCR5					RIIO-ED1								Total	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

C26: Network Operating Costs - Other
SPN
Price base (2012/13)

		Costs															
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Dismantlement by Cost Type		DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Labour			-	-	0.30	-	-	-	-	-	-	-	-	-	-	0.30	-
Pensions			-	-	0.04	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Contractors			-	-	0.34	1.06	1.06	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	**2.5**	10.63
Materials			-	-	0.01	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Wayleaves (inc Easements/Servitudes)			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges			-	-	0.00	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Rent			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs			**-**	**-**	**0.7**	**1.1**	**1.1**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**2.8**	10.63
Customer Contributions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries			-	-	-0.01	-	-	-	-	-	-	-	-	-	-	**-0.0**	-
Total Net Costs			**-**	**-**	**0.7**	**1.1**	**1.1**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**2.8**	10.63
Remote Location Generation Operating Costs: Fuel by Cost Type																	
Labour			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Pensions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Contractors			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Materials			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Wayleaves (inc Easements/Servitudes)			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Customer Contributions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Remote Location Generation Operating Costs: O&M by Cost Type																	
Labour			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Pensions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Contractors																**-**	-
Materials																**-**	-
Wayleaves (inc Easements/Servitudes)																**-**	-
Road Charges																**-**	-
Rent																**-**	-
Subscriptions																**-**	-
Related Party Margins																**-**	-
Total Gross Costs			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Customer Contributions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Substation Electricity																	
Units Consumed	#MWh		10,205.72	10,683.00	9,653.50	9,653.50	9,653.50	9,653.50	9,653.50	9,653.50	9,653.50	9,653.50	9,653.50	9,653.50	9,653.50	**49,849.2**	77,227.99
Cost per unit	p/MWh		146.00	107.16	113.61	113.61	113.61	113.61	113.61	113.61	113.61	113.61	113.61	113.61	113.61	**594.0**	908.89
Substation Electricity Costs	£m		1.49	1.14	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	**5.9**	8.77
Substation Electricity Cost Type Split																	
Labour			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Pensions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Contractors			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Materials			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Wayleaves (inc Easements/Servitudes)			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions			1.49	1.14	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	**5.9**	8.77
Related Party Margins			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs			**1.5**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**5.9**	8.77
Customer Contributions			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs			**1.5**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**5.9**	8.77
Check - Gross Costs to Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Net Costs to Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

C27: Summary - Non Price Control Costs (excluding customer funded connections)
SPN
Price base (2012/13)

			Costs															
			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
			DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Total Direct Costs (Gross)																		
Excluded Services (exc connections)	ES2: Diversionary works under an obligation			3.46	2.24	2.07	1.31	1.31	1.30	1.30	1.31	1.31	1.32	1.32	1.33	1.34	10.38	10.53
Excluded Services (exc connections)	ES3: Works required by any alteration of premises			1.70	2.27	1.86	1.07	1.07	1.07	1.07	1.07	1.07	1.08	1.08	1.09	1.09	7.97	8.62
Excluded Services (exc connections)	ES4: Top-up, standby and enhanced system security			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excluded Services (exc connections)	ES5: Revenue protection services			1.29	0.78	0.54	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	3.76	4.61
Excluded Services (exc connections)	ES6: Metering services (other than legacy meter equipment provision)			1.26	0.70	0.20	-	-	-	-	-	-	-	-	-	-	2.16	-
Metering services associated with SM roll out				-	-	-	0.00	0.02	0.06	0.11	0.14	0.16	0.15	0.11	-	-	0.03	0.73
Excluded Services (exc connections)	ES7: Miscellaneous			0.19	-	-	0.05	0.05	0.05	-	-	-	-	-	-	-	0.29	0.05
Excluded Services (exc connections)	**Total - Excluded Services (exc. Connections)**			**7.89**	**5.99**	**4.67**	**3.02**	**3.02**	**3.05**	**3.05**	**3.09**	**3.12**	**3.13**	**3.10**	**3.00**	**3.01**	24.59	24.54
Legacy Metering	Basic meter asset provision			1.77	0.01	0.04	-	-	-	-	-	-	-	-	-	-	1.82	-
Legacy Metering	Data Services (MPAS and data transfer)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legacy Metering	**Total**			**1.77**	**0.01**	**0.04**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	1.82	-
Items outside the price control	Out of Area Networks	Network Investment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Items outside the price control	Out of Area Networks	Network Operating Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Items outside the price control	Out of Area Networks	Use of System		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Items outside the price control	**Out of Area Networks - Total**			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-	-
De Minimis Activities	De Minimis Activities			3.55	2.39	5.87	2.74	2.23	1.22	0.23	-	-	-	-	-	-	16.78	1.45
Other (Consented) Activities				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**Total**			**13.21**	**8.38**	**10.58**	**5.76**	**5.26**	**4.27**	**3.28**	**3.09**	**3.12**	**3.13**	**3.10**	**3.00**	**3.01**	43.19	25.98
By Cost Type																		
Labour				5.57	1.65	0.89	0.66	0.65	0.62	0.54	0.54	0.54	0.54	0.54	0.54	0.55	9.43	4.40
Pensions				0.36	0.13	0.12	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.75	0.48
Contractors				7.01	4.35	7.16	3.98	3.59	2.83	2.09	1.92	1.93	1.94	1.95	1.95	1.96	26.09	16.58
Materials				2.93	2.31	2.35	0.99	0.88	0.66	0.45	0.41	0.41	0.41	0.41	0.41	0.41	9.47	3.57
Wayleaves (inc Easements/Servitudes)				0.04	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.12	0.12
Road Charges				0.00	0.08	0.02	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.17	0.11
Rent				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins				-2.71	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.87	0.02
Total Gross Costs				**13.21**	**8.38**	**10.58**	**5.76**	**5.24**	**4.21**	**3.18**	**2.95**	**2.96**	**2.97**	**2.99**	**3.00**	**3.01**	43.17	25.28
Customer Contributions				-	-	-3.93	-5.09	-4.16	-2.28	-0.43	-	-	-	-	-	-	-13.18	-2.71
Cost recoveries				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs				**13.21**	**8.38**	**6.65**	**0.67**	**1.07**	**1.94**	**2.75**	**2.95**	**2.96**	**2.97**	**2.99**	**3.00**	**3.01**	29.99	22.57
Indirect Allocations																		
Labour				1.15	1.95	1.37	1.71	1.64	1.17	0.71	0.70	0.70	0.69	0.68	0.67	0.66	7.82	5.98
Pensions				0.19	0.15	0.17	0.22	0.22	0.15	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.96	0.79
Contractors				0.93	0.58	1.03	1.46	1.23	0.79	0.49	0.50	0.50	0.50	0.50	0.50	0.51	5.23	4.27
Materials				0.26	0.26	0.28	0.44	0.36	0.20	0.13	0.14	0.15	0.16	0.16	0.16	0.16	1.59	1.26
Wayleaves (inc Easements/Servitudes)				-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00	-
Road Charges				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent				0.12	0.05	0.16	0.20	0.16	0.12	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.69	0.54
Subscriptions				-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	0.01	-
Related Party Margins				0.02	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.02
Total Gross Costs				**2.68**	**3.05**	**3.02**	**4.03**	**3.61**	**2.43**	**1.49**	**1.50**	**1.50**	**1.50**	**1.49**	**1.48**	**1.47**	16.38	12.86
Customer Contributions				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs				**2.68**	**3.05**	**3.02**	**4.03**	**3.61**	**2.43**	**1.49**	**1.50**	**1.50**	**1.50**	**1.49**	**1.48**	**1.47**	16.38	12.86
Total Including Allocations																		
Labour				6.72	3.60	2.26	2.37	2.29	1.79	1.25	1.24	1.24	1.23	1.22	1.21	1.20	17.25	10.38
Pensions				0.56	0.28	0.29	0.29	0.28	0.22	0.15	0.15	0.15	0.15	0.15	0.15	0.15	1.71	1.27
Contractors				7.94	4.93	8.19	5.44	4.82	3.61	2.58	2.42	2.43	2.44	2.45	2.46	2.47	31.32	20.85
Materials				3.19	2.57	2.63	1.43	1.24	0.86	0.59	0.55	0.56	0.56	0.57	0.57	0.58	11.06	4.83
Wayleaves (inc Easements/Servitudes)				0.04	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.12	0.12
Road Charges				0.00	0.08	0.02	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.17	0.11
Rent				0.12	0.05	0.16	0.20	0.16	0.12	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.69	0.54
Subscriptions				-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	0.01	-
Related Party Margins				-2.69	-0.12	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.78	0.04
Total Gross Costs				**15.89**	**11.43**	**13.60**	**9.79**	**8.84**	**6.64**	**4.67**	**4.45**	**4.46**	**4.47**	**4.47**	**4.48**	**4.48**	59.55	38.14
Customer Contributions				-	-	-3.93	-5.09	-4.16	-2.28	-0.43	-	-	-	-	-	-	-13.18	-2.71
Cost recoveries				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs				**15.89**	**11.43**	**9.67**	**4.70**	**4.68**	**4.37**	**4.24**	**4.45**	**4.46**	**4.47**	**4.47**	**4.48**	**4.48**	46.37	35.43
Check - Gross Costs to Cost Matrix				OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Net Costs to Cost Matrix				OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check -																		
Check -																		

	Revenue														
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Excluded Services (exc connections)		-5.64	-3.73	-2.88	-2.15	-2.15	-2.16	-2.19	-2.20	-2.21	-2.22	-2.23	-2.23	-2.24	-16.55	-17.69
Excluded Services (exc connections)		-2.07	-3.14	-2.62	-1.76	-1.76	-1.77	-1.79	-1.80	-1.81	-1.82	-1.82	-1.83	-1.83	-11.35	-14.47
Excluded Services (exc connections)		-2.10	-1.92	-1.91	-2.00	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-10.03	-16.80
Excluded Services (exc connections)		-0.20	-0.33	-0.47	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-2.15	-4.61
Excluded Services (exc connections)		-3.61	-2.59	-2.39	-2.06	-1.91	-1.39	-1.01	-0.70	-0.38	-0.11	-0.01	-	-	-12.56	-3.62
Metering services associated with SM roll out		-	-	-	-0.00	-0.02	-0.06	-0.11	-0.14	-0.16	-0.15	-0.11	-	-	-0.03	-0.73
Excluded Services (exc connections)		-0.19	-0.11	-0.04	-0.05	-0.05	-	-	-	-	-	-	-	-	-0.44	-

C28: Remunerated and excluded Services
SPN
Price base (2012/13)

Costs

By Category	2010 DPCR4	2011	2012	2013 DPCR5	2014	2015	2016 RIIO-ED1	2017	2018	2019	2020	2021	2022	2023	DPCR5 (£m)	RIIO-ED1 (£m)
Diversionary works under an obligation (ES2)		3.46	2.24	2.07	1.31	1.31	1.30	1.30	1.31	1.31	1.32	1.32	1.33	1.34	10.4	10.5
Works required by any alteration of premises (ES3)		1.70	2.27	1.86	1.07	1.07	1.07	1.07	1.07	1.07	1.08	1.08	1.09	1.09	8.0	8.6
Top-up, standby and enhanced system security (ES4)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Revenue protection services (ES5)		1.29	0.78	0.54	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	3.8	4.6
Metering services (other than legacy meter equipment provision) (ES6)		1.26	0.70	0.20	-	-	-	-	-	-	-	-	-	-	2.2	-
Miscellaneous (ES7)		0.19	-	-	0.05	0.05	0.05	-	-	-	-	-	-	-	0.3	0.1
Metering services associated with SM roll out		-	-	-	0.00	0.02	0.06	0.11	0.14	0.16	0.15	0.11	-	-	0.0	0.7
Total		**7.89**	**5.99**	**4.67**	**3.02**	**3.02**	**3.05**	**3.05**	**3.09**	**3.12**	**3.13**	**3.10**	**3.00**	**3.01**	24.6	24.5
ES2, ES3 and ES5 Direct Costs by Cost Type																
Labour		2.76	1.44	0.82	0.54	0.54	0.53	0.53	0.54	0.54	0.54	0.54	0.54	0.55	**6.1**	4.3
Pensions		0.13	0.11	0.12	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	**0.5**	0.5
Contractors		3.33	3.13	2.84	1.93	1.93	1.92	1.92	1.92	1.93	1.94	1.95	1.95	1.96	**13.2**	15.5
Materials		1.17	0.79	0.64	0.41	0.41	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.41	**3.4**	3.3
Wayleaves (inc Easements/Servitudes)		0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	**0.1**	0.1
Road Charges		-	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.1**	0.1
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-0.98	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**-1.2**	0.0
Total Gross Costs		**6.4**	**5.3**	**4.5**	**3.0**	**3.0**	**2.9**	**2.9**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**22.1**	23.8
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**6.4**	**5.3**	**4.5**	**3.0**	**3.0**	**2.9**	**2.9**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**22.1**	23.8
ES4 Direct Costs by Cost Type																
Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
ES6 Direct Costs by Cost Type																
Labour		1.69	0.10	-	-	-	-	-	-	-	-	-	-	-	**1.8**	-
Pensions		0.15	-	-	-	-	-	-	-	-	-	-	-	-	**0.2**	-
Contractors		0.21	0.54	0.20	-	-	-	-	-	-	-	-	-	-	**1.0**	-
Materials		0.21	-	-	-	-	-	-	-	-	-	-	-	-	**0.2**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-1.00	0.07	-	-	-	-	-	-	-	-	-	-	-	**-0.9**	-
Total Gross Costs		**1.3**	**0.7**	**0.2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.2**	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**1.3**	**0.7**	**0.2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.2**	-
ES7 direct Costs by Cost Type																
Labour		0.19	-	-	0.05	0.05	0.05	-	-	-	-	-	-	-	**0.3**	0.1
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs		**0.2**	**-**	**-**	**0.1**	**0.1**	**0.1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.3**	0.1
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**0.2**	**-**	**-**	**0.1**	**0.1**	**0.1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.3**	0.1
Total Excluded Services direct Costs by Cost Type																
Labour		4.63	1.54	0.82	0.59	0.59	0.58	0.53	0.54	0.54	0.54	0.54	0.54	0.55	8.2	4.4
Pensions		0.28	0.11	0.12	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.6	0.5
Contractors		3.54	3.67	3.04	1.93	1.93	1.92	1.92	1.92	1.93	1.94	1.95	1.95	1.96	14.1	15.5
Materials		1.38	0.79	0.64	0.41	0.41	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.41	3.6	3.3
Wayleaves (inc Easements/Servitudes)		0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.1	0.1
Road Charges		-	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.1	0.1
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		-1.98	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.1	0.0
Total Gross Costs		**7.89**	**5.99**	**4.67**	**3.02**	**3.00**	**3.00**	**2.95**	**2.95**	**2.96**	**2.97**	**2.99**	**3.00**	**3.01**	24.6	23.8
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		7.89	5.99	4.67	3.02	3.00	3.00	2.95	2.95	2.96	2.97	2.99	3.00	3.01	24.6	23.8
Indirect Allocations for ES2, ES3 and ES5																
Labour		1.15	1.25	0.30	0.36	0.46	0.36	0.50	0.70	0.70	0.69	0.68	0.67	0.66	**3.5**	5.0
Pensions		0.19	0.15	0.07	0.22	0.22	0.15	0.09	0.09	0.09	0.09	0.09	0.09	0.09	**0.9**	0.8
Contractors		0.93	0.58	0.73	0.46	0.48	0.54	0.49	0.50	0.50	0.50	0.50	0.50	0.51	**3.2**	4.0
Materials		0.26	0.26	0.28	0.44	0.36	0.20	0.13	0.14	0.15	0.16	0.16	0.16	0.16	**1.6**	1.3
Wayleaves (inc Easements/Servitudes)		-	-	0.00	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		0.12	0.05	0.16	0.20	0.16	0.12	0.07	0.06	0.06	0.06	0.06	0.06	0.06	**0.7**	0.5
Subscriptions		-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Related Party Margins		0.02	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.1**	0.0
Total Gross Costs		**2.7**	**2.3**	**1.5**	**1.7**	**1.7**	**1.4**	**1.3**	**1.5**	**1.5**	**1.5**	**1.5**	**1.5**	**1.5**	**9.9**	11.6
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**2.7**	**2.3**	**1.5**	**1.7**	**1.7**	**1.4**	**1.3**	**1.5**	**1.5**	**1.5**	**1.5**	**1.5**	**1.5**	**9.9**	11.6
Indirect Allocations for ES4																
Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Indirect Allocations for ES6																
Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-

Revenue

	2010 DPCR4	2011	2012	2013 DPCR5	2014	2015	2016 RIIO-ED1	2017	2018	2019	2020	2021	2022	2023	DPCR5 (£m)	RIIO-ED1 (£m)
		-5.64	-3.73	-2.88	-2.15	-2.15	-2.16	-2.19	-2.20	-2.21	-2.22	-2.23	-2.23	-2.24	-16.6	-17.7
		-2.07	-3.14	-2.62	-1.76	-1.76	-1.77	-1.79	-1.80	-1.81	-1.82	-1.82	-1.83	-1.83	-11.3	-14.5
		-2.10	-1.92	-1.91	-2.00	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-10.0	-16.8
		-0.20	-0.33	-0.47	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-2.2	-4.6
		-3.61	-2.59	-2.39	-2.06	-1.91	-1.39	-1.01	-0.70	-0.38	-0.11	-0.01	-	-	-12.6	-3.6
		-0.19	-0.11	-0.04	-0.05	-0.05	-	-	-	-	-	-	-	-	-0.4	-
		-	-	-	-0.00	-0.02	-0.06	-0.11	-0.14	-0.16	-0.15	-0.11	-	-	-0.0	-0.7
		-13.81	**-11.83**	**-10.31**	**-8.60**	**-8.57**	**-8.05**	**-7.78**	**-7.52**	**-7.24**	**-6.98**	**-6.85**	**-6.74**	**-6.75**	-53.1	-57.9

Total Net Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Indirect Allocations for ES7

Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Indirect Allocations for metering services associated with SM roll out

Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ES2, ES3 and ES5 Total Including Allocations by Cost Type

Labour		3.9	2.7	1.1	0.9	1.0	0.9	1.0	1.2	1.2	1.2	1.2	1.2	1.2	9.6	9.3
Pensions		0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	1.3	1.3
Contractors		4.3	3.7	3.6	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.5	16.3	19.5
Materials		1.4	1.1	0.9	0.8	0.8	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	5.0	4.5
Wayleaves (inc Easements/Servitudes)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Road Charges		-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Rent		0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.5
Subscriptions		-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	0.0	-
Related Party Margins		-1.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.0
Total Gross Costs		9.1	7.6	6.0	4.7	4.6	4.3	4.2	4.5	4.5	4.5	4.5	4.5	4.5	32.0	35.4
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		9.1	7.6	6.0	4.7	4.6	4.3	4.2	4.5	4.5	4.5	4.5	4.5	4.5	32.0	35.4

ES4 Total Including Allocations by Cost Type

Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ES6 Total Including Allocations by Cost Type

Labour		1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	1.8	-
Pensions		0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-
Contractors		0.2	0.5	0.2	-	-	-	-	-	-	-	-	-	-	1.0	-
Materials		0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		-1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-0.9	-
Total Gross Costs		1.3	0.7	0.2	-	-	-	-	-	-	-	-	-	-	2.2	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		1.3	0.7	0.2	-	-	-	-	-	-	-	-	-	-	2.2	-

ES7 Total Including Allocations by Cost Type

Labour		0.2	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-	0.3	0.1
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs		0.2	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-	0.3	0.1
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		0.2	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-	0.3	0.1

Total Excluded Services including Allocations by Cost Type

Labour		5.8	2.8	1.1	1.0	1.0	0.9	1.0	1.2	1.2	1.2	1.2	1.2	1.2	11.7	9.3
Pensions		0.5	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	1.5	1.3
Contractors		4.5	4.3	3.8	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.5	17.3	19.5
Materials		1.6	1.1	0.9	0.8	0.8	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	5.2	4.5
Wayleaves (inc Easements/Servitudes)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Road Charges		-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Rent		0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.5
Subscriptions		-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	0.0	-
Related Party Margins		-2.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.1	0.0
Total Gross Costs		10.6	8.3	6.2	4.7	4.7	4.4	4.2	4.5	4.5	4.5	4.5	4.5	4.5	34.5	35.4
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		10.6	8.3	6.2	4.7	4.7	4.4	4.2	4.5	4.5	4.5	4.5	4.5	4.5	34.5	35.4
Check - Cost Type to Total Directs		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Adjustments for RAV

Memo: Total ES4 Excluded Services Revenue inc Allocations		-2.10	-1.92	-1.91	-2.00	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-10.0	-16.8
DPCR5 ES7 Allowed Revenue		-0.10	-0.10	-0.10	-0.10	-0.10									-0.5	
Actuals ES7 Excluded Services Revenue		-0.19	-0.11	-0.04											-0.3	
Forecast ES7 Excluded Sevices Revenue					-0.05	-0.05	-	-	-	-	-	-	-	-	-0.1	-
Adjustment to ES7 miscellaneous Excluded Services Revenue		-0.1	-0.0	0.1	0.1	0.1	-	-	-	-	-	-	-	-	0.1	-

C28: Customer funded connections work
SPN
Price base (2012/13)

Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4			DPCR5			RIIO-ED1								(£m)	(£m)
Gross Costs By Category																
Element of connection that is sole-use funded - no margin allowed		27.85	13.04	9.58	8.28	8.25	9.17	9.18	9.20	9.24	9.34	9.44	9.54	9.64	67.0	74.7
Element of connection that is sole-use funded - regulated margin allowed		0.50	10.94	11.08	14.28	13.76	13.28	13.04	12.80	12.67	12.75	12.83	12.92	13.00	50.5	103.3
Element of connection that is sole-use funded - unregulated margin allowed		-	-	-	0.38	0.39	1.37	1.38	1.42	1.45	1.49	1.53	1.58	1.62	0.8	11.8
Element of the connection that is subject to the apportionment rules - customer funded		2.69	2.01	1.83	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	9.1	10.5
Total		**31.03**	**25.98**	**22.49**	**24.19**	**23.66**	**25.10**	**24.89**	**24.71**	**24.67**	**24.90**	**25.13**	**25.37**	**25.61**	**127.37**	**200.38**
Direct Costs by Cost Type																
Labour		4.38	3.87	3.44	3.70	3.62	3.84	3.81	3.78	3.77	3.81	3.84	3.88	3.92	**19.0**	30.6
Pensions		0.58	0.53	0.45	0.49	0.48	0.51	0.50	0.50	0.50	0.50	0.51	0.51	0.52	**2.5**	4.0
Contractors		16.37	13.48	12.52	13.47	13.17	13.97	13.85	13.75	13.73	13.86	13.99	14.12	14.25	**69.0**	111.5
Materials		8.95	7.74	5.66	6.08	5.95	6.31	6.26	6.21	6.20	6.26	6.32	6.38	6.44	**34.4**	50.4
Wayleaves (inc Easements/Servitudes)		0.33	0.18	0.22	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	**1.2**	1.9
Road Charges		0.23	0.30	0.21	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.24	**1.2**	1.8
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		0.19	-0.12	0.00	-	-	-	-	-	-	-	-	-	-	**0.1**	-
Total Gross Costs		**31.0**	**26.0**	**22.5**	**24.2**	**23.7**	**25.1**	**24.9**	**24.7**	**24.7**	**24.9**	**25.1**	**25.4**	**25.6**	**127.4**	200.4
Customer Contributions		-42.35	-39.21	-31.54	-36.12	-37.07	-39.99	-40.23	-39.79	-39.53	-39.61	-39.71	-39.82	-39.91	**-186.3**	-318.6
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**-11.3**	**-13.2**	**-9.0**	**-11.9**	**-13.4**	**-14.9**	**-15.3**	**-15.1**	**-14.9**	**-14.7**	**-14.6**	**-14.5**	**-14.3**	**-58.9**	-118.2
Indirect Allocations for Customer funded connections work																
Labour		8.38	6.81	7.07	5.98	6.20	6.58	6.84	6.77	6.68	6.63	6.55	6.47	6.36	**34.4**	52.9
Pensions		0.94	0.89	0.93	0.78	0.82	0.87	0.90	0.89	0.88	0.88	0.87	0.86	0.84	**4.4**	7.0
Contractors		6.25	3.43	5.33	5.85	5.18	4.67	4.94	5.14	5.00	5.06	5.07	5.11	5.19	**26.0**	40.2
Materials		1.08	1.64	1.63	1.98	1.68	1.27	1.42	1.57	1.57	1.65	1.67	1.70	1.75	**8.0**	12.6
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		0.57	0.63	0.65	0.69	0.61	0.65	0.65	0.61	0.59	0.57	0.56	0.56	0.56	**3.1**	4.8
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		0.13	0.25	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**0.4**	0.1
Total Gross Costs		**17.4**	**13.6**	**15.6**	**15.3**	**14.5**	**14.1**	**14.8**	**15.0**	**14.7**	**14.8**	**14.7**	**14.7**	**14.7**	**76.4**	117.6
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**17.4**	**13.6**	**15.6**	**15.3**	**14.5**	**14.1**	**14.8**	**15.0**	**14.7**	**14.8**	**14.7**	**14.7**	**14.7**	**76.4**	117.6
Check																
Labour		12.76	10.67	10.51	9.68	9.82	10.42	10.65	10.54	10.45	10.44	10.40	10.35	10.28	**53.4**	83.5
Pensions		1.52	1.42	1.39	1.27	1.29	1.37	1.40	1.39	1.38	1.38	1.38	1.37	1.36	**6.9**	11.0
Contractors		22.62	16.92	17.85	19.32	18.35	18.64	18.79	18.90	18.74	18.92	19.06	19.23	19.44	**95.1**	151.7
Materials		10.03	9.38	7.29	8.07	7.63	7.59	7.68	7.78	7.77	7.91	7.99	8.08	8.19	**42.4**	63.0
Wayleaves (inc Easements/Servitudes)		0.33	0.18	0.22	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	**1.2**	1.9
Road Charges		0.23	0.30	0.21	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.24	**1.2**	1.8
Rent		0.57	0.63	0.65	0.69	0.61	0.65	0.65	0.61	0.59	0.57	0.56	0.56	0.56	**3.1**	4.8
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		0.32	0.13	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**0.5**	0.1
Total Gross Costs		**48.4**	**39.6**	**38.1**	**39.5**	**38.2**	**39.2**	**39.7**	**39.7**	**39.4**	**39.7**	**39.9**	**40.1**	**40.3**	**203.8**	317.9
Customer Contributions		-42.35	-39.21	-31.54	-36.12	-37.07	-39.99	-40.23	-39.79	-39.53	-39.61	-39.71	-39.82	-39.91	**-186.3**	-318.6
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**6.0**	**0.4**	**6.6**	**3.4**	**1.1**	**-0.8**	**-0.6**	**-0.1**	**-0.1**	**0.1**	**0.2**	**0.3**	**0.4**	**17.5**	-0.6
		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Revenue

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4			DPCR5			RIIO-ED1								(£m)	(£m)
Labour		-41.87	-22.33	-13.67	-12.85	-13.44	-15.27	-15.47	-15.44	-15.44	-15.49	-15.55	-15.62	-15.68	-104.2	-123.9
Pensions		-0.44	-15.51	-15.63	-20.89	-21.18	-20.84	-20.77	-20.31	-20.01	-20.00	-19.99	-19.98	-19.96	-73.7	-161.9
Contractors		-	-	-	-0.51	-0.55	-1.97	-2.03	-2.07	-2.11	-2.15	-2.20	-2.25	-2.29	-1.1	-17.1
Materials		-0.04	-1.37	-2.24	-1.87	-1.90	-1.91	-1.96	-1.97	-1.97	-1.98	-1.98	-1.98	-1.98	-7.4	-15.7
Total		**-42.35**	**-39.21**	**-31.54**	**-36.12**	**-37.07**	**-39.99**	**-40.23**	**-39.79**	**-39.53**	**-39.61**	**-39.71**	**-39.82**	**-39.91**	**-186.28**	**-318.59**

C29: Legacy Meter Asset Provision and Data Services
SPN
Price base (2012/13)

Costs

By Category	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Basic meter asset provision		1.77	0.01	0.04	-	-	-	-	-	-	-	-	-	-	1.8	-
Data Services (MPAS and data transfer)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		**1.77**	**0.01**	**0.04**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	1.8	-
Total Direct Costs by Cost Type																
Labour		0.85	-	-	-	-	-	-	-	-	-	-	-	-	**0.9**	-
Pensions		0.07	-	-	-	-	-	-	-	-	-	-	-	-	**0.1**	-
Contractors		0.02	-	-	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Materials		1.55	0.01	0.04	-	-	-	-	-	-	-	-	-	-	**1.6**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-0.73	-	-	-	-	-	-	-	-	-	-	-	-	**-0.7**	-
Total Gross Costs		**1.8**	**0.0**	**0.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.8**	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**1.8**	**0.0**	**0.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.8**	-
Indirect Allocations																
Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-
Total Including Allocations by Cost Type																
Labour		0.85	-	-	-	-	-	-	-	-	-	-	-	-	**0.9**	-
Pensions		0.07	-	-	-	-	-	-	-	-	-	-	-	-	**0.1**	-
Contractors		0.02	-	-	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Materials		1.55	0.01	0.04	-	-	-	-	-	-	-	-	-	-	**1.6**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-0.73	-	-	-	-	-	-	-	-	-	-	-	-	**-0.7**	-
Total Gross Costs		**1.8**	**0.0**	**0.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.8**	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**1.8**	**0.0**	**0.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.8**	-
Check - Cost Type to Totals Category		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Revenue

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
		-4.87	-4.94	-4.63	-3.82	-3.28	-2.60	-2.07	-1.59	-1.04	-0.56	-0.12	-	-	-21.5	-8.0
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-4.87	**-4.94**	**-4.63**	**-3.82**	**-3.28**	**-2.60**	**-2.07**	**-1.59**	**-1.04**	**-0.56**	**-0.12**	**-**	**-**	-21.5	-8.0

C20: Out Of Area Networks
SPN
Price base (2012/13)

Costs

By Category		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Out of Area Networks	Network Investment															-	-
Out of Area Networks	Network Operating Costs															-	-
Out of Area Networks	Use of System															-	-
Total Direct Costs (Gross)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Direct Costs by Cost Type																	
Labour																-	-
Pensions																-	-
Contractors																-	-
Materials																-	-
Wayleaves (inc Easements/Servitudes)																-	-
Road Charges																-	-
Rent																-	-
Subscriptions																-	-
Related Party Margins																-	-
Total Gross Costs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions																-	-
Cost recoveries																-	-
Total Net Costs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indirect Allocations by Cost Type																	
Labour																-	-
Pensions																-	-
Contractors																-	-
Materials																-	-
Wayleaves (inc Easements/Servitudes)																-	-
Road Charges																-	-
Rent																-	-
Subscriptions																-	-
Related Party Margins																-	-
Total Gross Costs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions																-	-
Cost recoveries																-	-
Total Net Costs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Including Allocations by Cost Type																	
Labour			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Materials			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check - Cost Type to Totals Category			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Revenue

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
														-	-
														-	-
														-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

C31: De Minimis
SPN
Price base (2012/13)

Costs

By Category	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Work for NGT & out of hours shutdowns		3.55	1.09	3.42	-	-	-	-	-	-	-	-	-	-	8.1	-
Rent a Jointer etc		-	1.30	2.45	2.74	2.23	1.22	0.23	-	-	-	-	-	-	8.73	1.4
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		**3.55**	**2.39**	**5.87**	**2.74**	**2.23**	**1.22**	**0.23**	**-**	**-**	**-**	**-**	**-**	**-**	**16.78**	1.4

Direct Costs by Cost Type																
Labour		0.09	0.11	0.08	0.08	0.06	0.03	0.01	-	-	-	-	-	-	**0.4**	0.0
Pensions		0.01	0.02	-	0.01	0.01	0.00	0.00	-	-	-	-	-	-	**0.0**	0.0
Contractors		3.46	0.68	4.12	2.04	1.67	0.91	0.17	-	-	-	-	-	-	**12.0**	1.1
Materials		0.00	1.51	1.67	0.58	0.47	0.26	0.05	-	-	-	-	-	-	**4.2**	0.3
Wayleaves (inc Easements/Servitudes)		-	-	0.01	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Road Charges		0.00	0.07	0.00	0.03	0.02	0.01	0.00	-	-	-	-	-	-	**0.1**	0.0
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs		**3.6**	**2.4**	**5.9**	**2.7**	**2.2**	**1.2**	**0.2**	**-**	**-**	**-**	**-**	**-**	**-**	**16.8**	1.4
Customer Contributions		-	-	-3.93	-5.09	-4.16	-2.28	-0.43	-	-	-	-	-	-	**-13.2**	-2.7
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**3.6**	**2.4**	**1.9**	**-2.3**	**-1.9**	**-1.1**	**-0.2**	**-**	**-**	**-**	**-**	**-**	**-**	**3.6**	-1.3

Indirect Allocations by Cost Type																
Labour		-	0.70	1.08	1.35	1.18	0.81	0.20	-	-	-	-	-	-	**4.3**	1.0
Pensions		-	-	0.10	-	-	-	-	-	-	-	-	-	-	**0.1**	-
Contractors		-	-	0.30	1.00	0.75	0.25	-	-	-	-	-	-	-	**2.1**	0.3
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs		**-**	**0.7**	**1.5**	**2.3**	**1.9**	**1.1**	**0.2**	**-**	**-**	**-**	**-**	**-**	**-**	**6.5**	1.3
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**-**	**0.7**	**1.5**	**2.3**	**1.9**	**1.1**	**0.2**	**-**	**-**	**-**	**-**	**-**	**-**	**6.5**	1.3

Total Including Allocations by Cost Type																
Labour		0.09	0.81	1.15	1.42	1.24	0.84	0.21	-	-	-	-	-	-	**4.7**	1.1
Pensions		0.01	0.02	0.10	0.01	0.01	0.00	0.00	-	-	-	-	-	-	**0.1**	0.0
Contractors		3.46	0.68	4.42	3.04	2.42	1.16	0.17	-	-	-	-	-	-	**14.0**	1.3
Materials		0.00	1.51	1.67	0.58	0.47	0.26	0.05	-	-	-	-	-	-	**4.2**	0.3
Wayleaves (inc Easements/Servitudes)		-	-	0.01	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Road Charges		0.00	0.07	0.00	0.03	0.02	0.01	0.00	-	-	-	-	-	-	**0.1**	0.0
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Gross Costs		**3.6**	**3.1**	**7.3**	**5.1**	**4.2**	**2.3**	**0.4**	**-**	**-**	**-**	**-**	**-**	**-**	**23.2**	2.7
Customer Contributions		-	-	-3.93	-5.09	-4.16	-2.28	-0.43	-	-	-	-	-	-	**-13.2**	-2.7
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs		**3.6**	**3.1**	**3.4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10.1**	-

Check - Cost Type to Totals Category		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Revenue

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-3.93	-5.09	-4.16	-2.28	-0.43	-	-	-	-	-	-	-13.18	-2.7
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	**-**	**-3.93**	**-5.09**	**-4.16**	**-2.28**	**-0.43**	**-**	**-**	**-**	**-**	**-**	**-**	**-13.18**	-2.7

C31: Other (consented) Activities
SPN
Price base (2012/13)

Costs

By Category	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
															-	-
															-	-
															-	-
															-	-
															-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct Costs by Cost Type																
Labour															-	-
Pensions															-	-
Contractors															-	-
Materials															-	-
Wayleaves (inc Easements/Servitudes)															-	-
Road Charges															-	-
Rent															-	-
Subscriptions															-	-
Related Party Margins															-	-
Total Gross Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions															-	-
Cost recoveries															-	-
Total Net Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indirect Allocations by Cost Type																
Labour															-	-
Pensions															-	-
Contractors															-	-
Materials															-	-
Wayleaves (inc Easements/Servitudes)															-	-
Road Charges															-	-
Rent															-	-
Subscriptions															-	-
Related Party Margins															-	-
Total Gross Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions															-	-
Cost recoveries															-	-
Total Net Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Including Allocations by Cost Type																
Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check - Cost Type to Totals Category		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Revenue

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
															-	-
															-	-
															-	-
															-	-
															-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

C33: Atypicals 2011
SPN

Price base (2012/13)	Connection projects: DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Blank (inserted for consistency with ED1)	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	Total Core Costs	Flooding	BT21CN	Technical losses and other environmental	High Impact Low Probability (HILP)	Critical National Infrastructure	Black Start	Rising Mains and Laterals	Underground Wiring Outside designated areas	Worst Served Customers	Total Network Investment Costs
	Network Investment Costs (RAV)																										
	Connections			Core Costs														Non core							Stand Alone Funding (RAV)		
	Connection projects: DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Incentivisation - Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	Total Core Costs	Flooding	BT21CN	Technical losses and oth	High Impact Low Probab	Critical National Infrastru	Black Start	Rising Mains and Lateral	Underground Wiring Outside designated areas	Worst Served Customers	Total Network Investment Costs
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m

Price base (2012/13)	Trouble Call (CV15a)	DNOs (CV15b)	Severe Weather: Asset Repair	Inspections & Maintenance	Tree Cutting	NOCs other	Network Operating Costs	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	Closely Associated Indirects	Atypicals Non Sev Weather
	Network Operating Costs (RAV)							Closely associated Indirects (RAV)											
	Network Operating Costs							Closely Associated Indirects											Atypicals Non Sev Weather
	Trouble Call (CV15a)	DNOs (CV15b)	Severe Weather: Asset Repair	Inspections & Maintenance	Tree Cutting	NOCs other	Network Operating Costs	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	Total Associated Indirects	Atypicals Non Sev Weather
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m

Price base (2012/13)	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control
	Smart Meters					Business Support										
	Smart Meters					Business Support							Non Op Capex	Atypicals Non Sev Weather	Stand Alone Funding (not RAV)	Costs Within Price Control
	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m

Price base (2012/13)	Connection projects: DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Connection projects: DG	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO
	Non Price Control							Costs outside Price Control	NABC				Total DNO
	Connections outside of RAV					Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC				Total DNO
	Extra services	Extra services	Extra services										
	Connection projects: DPCR4	Connection projects: ESQCR	Connection projects: DG	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m

TABLE A: Summary of provisions (excluding deferred tax)

	Price base (2012/13)	Connection projects: DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Incentivisation - Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	Total Core Costs	Flooding	BT21CN	Technical losses and other	High Impact Low Probability	Critical National Infrastructure	Black Start	Rising Mains and Lateral	Underground Wiring Outside designated areas	Worst Served Customers	Total Network Investment Costs
Opening balances on provisions (-ve) at 1 April																												
- Severance (excl. ERDCs)																												
- ERDCs																												
- Non severance related restructuring/merger costs																												
- Bad Debts																												
- Insurance																												
- LC12 Breach																												
- Wayleaves																												
Charged to P&L (-ve)																												
- Severance (excl. ERDCs)																												
- ERDCs																												
- Non severance related restructuring/merger costs																												
- Bad Debts																												
- Insurance																												
- LC12 Breach																												
- Wayleaves																												
Released to P&L (+ve)																												
- Severance (excl. ERDCs)																												
- ERDCs																												
- Non severance related restructuring/merger costs																												
- Bad Debts																												
- Insurance																												
- LC12 Breach																												
- Wayleaves																												
Utilised (+ve) - analysed below																												
- Severance (excl. ERDCs)																												
- ERDCs																												
- Non severance related restructuring/merger costs																												
- Bad Debts																												
- Insurance																												
- LC12 Breach																												
- Wayleaves																												
Closing balances on provisions (-ve) at 31 March																												
- Severance (excl. ERDCs)																												
- ERDCs																												
- Non severance related restructuring/merger costs																												
- Bad Debts																												
- Insurance																												
- LC12 Breach																												
- Wayleaves																												
Cash payments on utilisation of provisions (+ve)																												
- DNO's own																												
- Related Parties Total																												
Analysed into cost type reported within Total Cost Matrix																												
Labour (excluding employer pension costs)																												
Pension costs (employer only)																												
Contractor Costs																												
Materials																												
Wayleaves/servitudes/easements																												
Road charges																												
Rent, etc (excluding software licences)																												
Subscriptions																												
Related Party Margin Charged																												
Cost recoveries																												
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

	Price base (2012/13)	Trouble Call (CV15a)	DNOs (CV15b)	Severe Weather: Asset Repair	Inspections & Maintenance	Tree Cutting	NOCs other	Network Operating Costs	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	Total Associated Indirects	Atypicals Non Sev Weather
Opening balances on provisions (-ve) at 1 April																				
- Severance (excl. ERDCs)																				
- ERDCs																				
- Non severance related restructuring/merger costs																				
- Bad Debts																				
- Insurance																				
- LC12 Breach												0.03							0.03	
- Wayleaves																				
Charged to P&L (-ve)																				
- Severance (excl. ERDCs)																				
- ERDCs																				
- Non severance related restructuring/merger costs																				
- Bad Debts																				
- Insurance																				
- LC12 Breach																				
- Wayleaves																				
Released to P&L (+ve)																				
- Severance (excl. ERDCs)																				
- ERDCs																				
- Non severance related restructuring/merger costs																				
- Bad Debts																				
- Insurance																				
- LC12 Breach																				
- Wayleaves																				
Utilised (+ve) - analysed below																				
- Severance (excl. ERDCs)																				
- ERDCs																				
- Non severance related restructuring/merger costs																				
- Bad Debts																				
- Insurance																				
- LC12 Breach																				
- Wayleaves																				
Closing balances on provisions (-ve) at 31 March																				
- Severance (excl. ERDCs)																				
- ERDCs																				
- Non severance related restructuring/merger costs																				
- Bad Debts																				
- Insurance																				
- LC12 Breach												0.03							0.03	
- Wayleaves																				
Cash payments on utilisation of provisions (+ve)																				
- DNO's own																				
- Related Parties Total																				
Analysed into cost type reported within Total Cost Matrix																				
Labour (excluding employer pension costs)																				
Pension costs (employer only)																				
Contractor Costs																				
Materials																				
Wayleaves/servitudes/easements																				
Road charges																				
Rent, etc (excluding software licences)																				
Subscriptions																				
Related Party Margin Charged																				
Cost recoveries																				
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

	Price base (2012/13)	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control
Opening balances on provisions (-ve) at 1 April																	
- Severance (excl. ERDCs)																	
- ERDCs									(0.96)				(0.96)				(0.96)
- Non severance related restructuring/merger costs																	
- Bad Debts									(0.84)				(0.84)				(0.84)
- Insurance									(2.85)				(2.85)				(2.85)
- LC12 Breach						0.03											0.03
- Wayleaves																	
Charged to P&L (-ve)																	
- Severance (excl. ERDCs)																	
- ERDCs																	
- Non severance related restructuring/merger costs																	
- Bad Debts									(0.12)				(0.12)				(0.12)
- Insurance									(2.35)				(2.35)				(2.35)
- Wayleaves																	
Released to P&L (+ve)																	
- Severance (excl. ERDCs)																	
- ERDCs																	
- Non severance related restructuring/merger costs																	
- Bad Debts									0.02				0.02				0.02
- Insurance									1.49				1.49				1.49
- LC12 Breach																	
- Wayleaves																	
Utilised (+ve) - analysed below																	
- Severance (excl. ERDCs)																	
- ERDCs																	
- Non severance related restructuring/merger costs																	
- Bad Debts																	
- Insurance																	
- LC12 Breach																	
- Wayleaves																	
Closing balances on provisions (-ve) at 31 March																	
- Severance (excl. ERDCs)																	
- ERDCs									(0.96)				(0.96)				(0.96)
- Non severance related restructuring/merger costs																	
- Bad Debts									(0.93)				(0.93)				(0.93)
- Insurance									(3.71)				(3.71)				(3.71)
- LC12 Breach						0.03											0.03
- Wayleaves																	
Cash payments on utilisation of provisions (+ve)																	
- DNO's own																	
- Related Parties Total																	
Analysed into cost type reported within Total Cost Matrix																	
Labour (excluding employer pension costs)																	
Pension costs (employer only)																	
Contractor Costs																	
Materials																	
Wayleaves/servitudes/easements																	
Road charges																	
Rent, etc (excluding software licences)																	
Subscriptions																	
Related Party Margin Charged																	
Cost recoveries																	
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

	Price base (2012/13)	Connection projects: DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Connection projects: DG	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO
	Non Price Control								Costs outside Price Control	NABC				Total DNO
	Connections outside of RAV					Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC					Total DNO
	Extra services	Extra services	Extra services											
	Connection projects: DPCR4	Connection projects: ESQCR	Connection projects: DG	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Established Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO
	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m

TABLE B: Summary of accruals and prepayments (non ordinary level of business)

	Price base (2012/13)	Connection projects: DPCR4	Element of connection that is subject to the apportionment rules - DUoS funded	Element of connection that is subject to the apportionment rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Incentivisation - Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS - ex ante funded	QoS - DNO funded	High Value Projects - ex ante	Total Core Costs	Flooding	BT21CN	Technical losses and other	High Impact Low Probability	Critical National Infrastructure	Black Start	Rising Mains and Lateral	Underground Wiring Outside designated areas	Worst Served Customers	Total Network Investment Costs
Opening balances on accruals and prepayments (non ordinary level of business) (-ve) at 1 April																												
- self insured risks																												
- severance																												
- ERDCs																												
- Duos Revenue Assurance																												
- other (less than £500k)																												
Charged to P&L (-ve)																												
- self insured risks																												
- severance																												
- ERDCs																												
- Duos Revenue Assurance																												
- other (less than £500k)																												
Released to P&L (+ve)																												
- self insured risks																												
- severance																												
- ERDCs																												
- Duos Revenue Assurance																												
- other (less than £500k)																												
Utilised (+ve) - analysed below																												
- self insured risks																												
- severance																												
- ERDCs																												
- Duos Revenue Assurance																												
- other (less than £500k)																												
Closing balances on accruals and prepayments (non ordinary level of business) (-ve) at 1 April																												
- self insured risks																												
- severance																												
- ERDCs																												
- Duos Revenue Assurance																												
- other (less than £500k)																												
Cash payments on utilisation of accruals and prepayments (non ordinary level of business) (+ve)																												
- DNO's own																												
- Related Parties Total																												
Analysed into cost type reported within Total Cost Matrix																												
Labour (excluding employer pension costs)																												
Pension costs (employer only)																												
Contractor Costs																												
Materials																												
Wayleaves/servitudes/easements																												
Road charges																												
Rent, etc (excluding software licences)																												
Subscriptions																												
Related Party Margin Charged																												
Cost recoveries																												
		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

	Price base (2012/13)	Trouble Call (CV15a)	DNOs (CV15b)	Severe Weather: Asset Repair	Inspections & Maintenance	Tree Cutting	NOCs other	Network Operating Costs	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Blank (inserted for consistency with ED1)	Total Associated Indirects	Atypicals Non Sev Weather
Opening balances on accruals and prepayments (non ordinary level of business) (-ve) at 1 April																				
- self insured risks																				
- severance																				
- ERDCs																				
- Duos Revenue Assurance																				
- other (less than £500k)																				
Charged to P&L (-ve)																				
- self insured risks																				
- severance																				
- ERDCs																				
- Duos Revenue Assurance																				
- other (less than £500k)																				
Released to P&L (+ve)																				
- self insured risks																				
- severance																				
- ERDCs																				
- Duos Revenue Assurance																				
- other (less than £500k)																				
Utilised (+ve) - analysed below																				
- self insured risks																				
- severance																				
- ERDCs																				
- Duos Revenue Assurance																				
- other (less than £500k)																				
Closing balances on accruals and prepayments (non ordinary level of business) (-ve) at 1 April																				
- self insured risks																				
- severance																				
- ERDCs																				
- Duos Revenue Assurance																				
- other (less than £500k)																				
Cash payments on utilisation of accruals and prepayments (non ordinary level of business) (+ve)																				
- DNO's own																				
- Related Parties Total																				
Analysed into cost type reported within Total Cost Matrix																				
Labour (excluding employer pension costs)																				
Pension costs (employer only)																				
Contractor Costs																				
Materials																				
Wayleaves/servitudes/easements																				
Road charges																				
Rent, etc (excluding software licences)																				
Subscriptions																				
Related Party Margin Charged																				
Cost recoveries																				
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

	Price base (2012/13)	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs	Network Policy	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control
Opening balances on accruals and prepayments (non ordinary level of business) (-ve) at 1 April																	
- self insured risks									(0.96)				(0.96)				(0.96)
- severance																	
- ERDCs																	
- Duos Revenue Assurance									(0.84)				(0.84)				(0.84)
- other (less than £500k)									(2.85)				(2.85)				(2.85)
Charged to P&L (-ve)																	
- self insured risks																	
- severance																	
- ERDCs																	
- Duos Revenue Assurance									(0.12)				(0.12)				(0.12)
- other (less than £500k)									(2.35)				(2.35)				(2.35)
Released to P&L (+ve)																	
- self insured risks																	
- severance																	
- ERDCs																	
- Duos Revenue Assurance									0.02				0.02				0.02
- other (less than £500k)									1.49				1.49				1.49
Utilised (+ve) - analysed below																	
- self insured risks																	
- severance																	
- ERDCs																	
- Duos Revenue Assurance																	
- other (less than £500k)																	
Closing balances on accruals and prepayments (non ordinary level of business) (-ve) at 1 April																	
- self insured risks									(0.96)				(0.96)				(0.96)
- severance																	
- ERDCs																	
- Duos Revenue Assurance									(0.93)				(0.93)				(0.93)
- other (less than £500k)									(3.71)				(3.71)				(3.71)
Cash payments on utilisation of accruals and prepayments (non ordinary level of business) (+ve)																	
- DNO's own																	
- Related Parties Total																	
Analysed into cost type reported within Total Cost Matrix																	
Labour (excluding employer pension costs)																	
Pension costs (employer only)																	
Contractor Costs																	
Materials																	
Wayleaves/servitudes/easements																	
Road charges																	
Rent, etc (excluding software licences)																	
Subscriptions																	
Related Party Margin Charged																	
Cost recoveries																	
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

| | Price base (2012/13) | Connection projects: DPCR4 | Element of connection that is subject to the apportionment rules - DUoS funded | Element of connection that is subject to the apportionment

| | | |

C33: Atypicals 2012
SPN
Price base (2012/13)

| Network Investment Costs (RAV) | | |

| | | |

C33: Atypicals 2013
SPN
Price base (2012/13)

| | Network Investment Costs (RAV) | | |

| | | |

C33: Atypicals 2014
SPN
Price base (2012/13)

| | Network Investment Costs (RAV) | | |

| | | |

C33: Atypicals 2015
SPN
Price base (2012/13)

| | Network Investment Costs (RAV) | | |

| | | |

C34: Non Activity Based Costs
SPN
Price base (2012/13)

	Costs														
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Pass Through																
Wheeled Units Imported		-	-	1.43	1.45	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	4.4	11.9
Business Rates		9.23	10.52	12.60	15.34	15.87	15.87	15.87	15.87	15.87	15.87	15.87	15.87	15.87	63.5	127.0
Ofgem Licence Fee		0.97	1.14	1.29	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	5.9	10.1
Shetland Balancing Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental Ring Fence Compliance Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT costs (associated with SM roll out)		-	-	-	0.67	1.43	1.30	0.45	0.78	1.17	0.60	1.27			2.1	5.6
DCC Licence Fee		-	-	-	0.26	0.26	0.43	0.43	0.43	0.43	0.43	0.43			0.5	2.6
Smart Meter data transaction - fixed		-	-	-	-	-	-	-	-	-	-	-			-	-
Transmission Connection Point Pre 1st April 2015 Charges		10.25	10.28	11.17	12.51	13.37	12.60	12.44	12.29	12.07	11.87	11.70	11.57	11.43	57.6	96.0
Transmission Connection Point Charges Not Resulting From DNO Requirements During RIIO-ED1		-	-	-	-	-	0.66	2.20	3.71	3.88	4.52	4.99	5.35	5.70	-	31.0
Total		**20.4**	**21.9**	**26.5**	**31.5**	**33.7**	**33.6**	**34.1**	**35.8**	**36.2**	**36.0**	**37.0**	**35.5**	**35.7**	134.0	284.0
Other Non Activity Based Costs																
GS Compensation Payments (SI 698 of 2010)		0.02	0.00	0.01	0.09	0.09									0.2	-
Ex-Gratia Compensation Payments (SI 698 of 2010)		0.15	0.08	0.07	0.12	0.12									0.5	
Connections Guaranteed Standards of Performance Compensation Payments (SI 2088 of 2010)		0.01	0.00	0.01	0.01	0.01									0.0	
Ex-Gratia Compensation Payments (SI 2088 of 2010)		-	-	-	-	-									-	
Distributed Generation Standards Direction issued under paragraph 15A.16 of Standard Condition		-	-	-	-	-									-	
Ex-Gratia Compensation Payments (Distributed Generation Standards Direction issued under		-	-	-	-	-									-	
Any Other Ex-Gratia/Goodwill Compensation Payments		-	-	-	-	-									-	
DG Network Unavailability Rebate Payments		-	-	-	-	-									-	
GS Compensation Payments (excluding connections)							0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09		0.7
All other related compensation payments							0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		1.1
Bad Debt Expense (net of recoveries)		-0.00	0.61	-0.00	-	-	-	-	-	-	-	-	-	-	0.6	-
Sale of fixed assets and scrap		-1.27	-0.76	-0.88	-	-	-	-	-	-	-	-	-	-	-2.9	-
Pensions Deficit Repair Payments		79.19	21.70	20.58	28.95	28.95	28.13	28.13	28.13	28.13	28.13	28.13	28.13	28.13	179.4	225.0
Contingent Pension Asset Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Reduction Commitment Scheme			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		**78.1**	**21.6**	**19.8**	**29.2**	**29.2**	**28.3**	**28.3**	**28.3**	**28.3**	**28.3**	**28.3**	**28.3**	**28.3**	177.9	226.8
Profit/Loss on sale of Fixed Assets and Scrap																
Cost of Items Sold — Network Assets		12.86	13.82	13.37	-	-									40.0	
Cost of Items Sold — Vehicles		0.06	0.17	-	-	-									0.2	
Cost of Items Sold — Other		0.08	-	-	-	-									0.1	
Depreciation — Network Assets		12.85	13.81	13.34	-	-									40.0	
Depreciation — Vehicles		0.05	0.12	-	-	-									0.2	
Depreciation — Other		0.08	-	-	-	-									0.1	
Net Book Value — Network Assets		0.0	0.0	0.0	-	-									0.0	
Net Book Value — Vehicles		0.0	0.0	-	-	-									0.1	
Net Book Value — Other		0.0	-	-	-	-									0.0	
Net Sale Proceeds — Network Assets		-	0.05	0.00	-	-									0.0	
Net Sale Proceeds — Vehicles		-0.11	-0.10	-0.29	-	-									-0.5	
Net Sale Proceeds — Other		-	-	-	-	-									-	
Profit/Loss on Disposal — Network Assets		0.0	0.1	0.0	-	-									0.1	
Profit/Loss on Disposal — Vehicles		-0.1	-0.0	-0.3	-	-									-0.4	
Profit/Loss on Disposal — Other		0.0	-	-	-	-									0.0	
Profit/Loss on Disposal of Fixed Assets — Total		**-0.1**	**0.0**	**-0.3**	**-**	**-**									-0.3	
Procedes from Sale of Scrap		-1.16	-0.72	-0.59	-	-									-2.5	
Profit/Loss on sale of fixed Assets and Scrap		**-1.2**	**-0.7**	**-0.8**	**-**	**-**									-2.8	
Proceeds of sale of Non-Operational Assets		**-0.1**	**-0.1**	**-0.3**	**-**	**-**									-0.5	
Proceeds of sale of Operational Assets		**-**	**0.0**	**0.0**	**-**	**-**									0.0	
Total		**98.5**	**43.6**	**46.3**	**60.7**	**62.8**	**62.0**	**62.5**	**64.2**	**64.5**	**64.4**	**65.3**	**63.9**	**64.1**	**311.9**	**510.8**
Check - Total to C1 Cost Matrix		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

C36: Indirects
SPN
Price base (2012/13)

		Costs															
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-
		DPCR4			DPCR5						RIIO-ED1					(£m)	(£m)
Gross Total																	
Closely Associated Indirects	Network Design & Engineering		7.21	5.74	4.95	5.79	6.16	6.13	5.98	5.82	5.53	5.29	5.15	5.05	4.79	**29.85**	**43.75**
Closely Associated Indirects	Project Management		8.25	4.55	4.91	5.39	5.67	5.47	5.49	5.35	5.18	4.97	4.84	4.73	4.58	**28.77**	**40.62**
Closely Associated Indirects	Engineering Management & Clerical Support		23.92	20.97	20.96	24.30	25.17	24.51	24.27	23.50	22.89	21.87	21.14	20.76	20.07	**115.32**	**179.01**
Closely Associated Indirects	System Mapping Cartographical		1.43	1.89	1.59	1.61	1.70	1.67	1.69	1.68	1.65	1.63	1.62	1.63	1.60	**8.22**	**13.17**
Closely Associated Indirects	Control Centre		4.78	4.76	4.60	4.51	4.70	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.63	**23.35**	**37.65**
Closely Associated Indirects	Call Centre		1.76	1.99	2.11	2.59	2.66	2.46	1.87	1.87	1.86	1.85	1.85	1.83	1.82	**11.11**	**15.41**
Closely Associated Indirects	Stores		2.15	1.76	1.78	1.74	1.80	1.80	1.79	1.79	1.78	1.78	1.77	1.76	1.75	**9.23**	**14.21**
Closely Associated Indirects	Operational Training		5.23	5.31	4.77	5.22	5.88	6.83	5.96	4.79	4.97	4.75	4.37	4.91	4.81	**26.41**	**41.39**
Closely Associated Indirects	Vehicles & Transport		7.80	7.13	6.98	7.89	7.93	7.93	7.92	7.92	7.92	7.91	7.91	7.90	7.89	**37.73**	**63.30**
Closely Associated Indirects	Network Policy		0.34	0.40	0.31	0.28	0.27	0.27	0.27	0.26	0.28	0.27	0.27	0.27	0.27	**1.60**	**2.15**
Business Support Costs	HR and Non-Op Training		2.21	2.66	1.96	1.96	2.00	1.98	1.95	1.92	1.90	1.87	1.84	1.81	1.78	**10.79**	**15.06**
Business Support Costs	Finance & Regulation		9.25	8.78	6.83	7.91	8.01	7.97	7.88	7.78	7.69	7.59	7.50	7.42	7.23	**40.78**	**61.07**
Business Support Costs	CEO etc.		2.46	2.37	2.00	2.30	2.35	2.33	2.29	2.26	2.23	2.19	2.16	2.12	2.09	**11.48**	**17.66**
Business Support Costs	IT & Telecoms		11.07	11.35	8.75	8.95	9.30	9.65	9.55	9.09	9.06	8.96	8.83	8.71	8.61	**49.43**	**72.45**
Business Support Costs	Property Mgt		8.31	6.52	5.28	5.19	5.19	5.06	4.84	4.77	4.71	4.65	4.59	4.54	4.48	**30.49**	**37.64**
Total			**96.18**	**86.19**	**77.78**	**85.64**	**88.79**	**88.80**	**86.48**	**83.54**	**82.37**	**80.31**	**78.57**	**78.08**	**76.40**	**434.57**	**654.55**
Net Total																	
Closely Associated Indirects	Network Design & Engineering		7.21	5.74	4.95	5.79	6.16	6.13	5.98	5.82	5.53	5.29	5.15	5.05	4.79	**29.85**	**43.75**
Closely Associated Indirects	Project Management		8.25	4.55	4.91	5.39	5.67	5.47	5.49	5.35	5.18	4.97	4.84	4.73	4.58	**28.77**	**40.62**
Closely Associated Indirects	Engineering Management & Clerical Support		23.92	20.97	20.96	24.30	25.17	24.51	24.27	23.50	22.89	21.87	21.14	20.76	20.07	**115.32**	**179.01**
Closely Associated Indirects	System Mapping Cartographical		1.43	1.89	1.59	1.61	1.70	1.67	1.69	1.68	1.65	1.63	1.62	1.63	1.60	**8.22**	**13.17**
Closely Associated Indirects	Control Centre		4.78	4.76	4.60	4.51	4.70	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.63	**23.35**	**37.65**
Closely Associated Indirects	Call Centre		1.76	1.99	2.11	2.59	2.66	2.46	1.87	1.87	1.86	1.85	1.85	1.83	1.82	**11.11**	**15.41**
Closely Associated Indirects	Stores		2.15	1.76	1.78	1.74	1.80	1.80	1.79	1.79	1.78	1.78	1.77	1.76	1.75	**9.23**	**14.21**
Closely Associated Indirects	Operational Training		5.23	5.31	4.77	5.22	5.88	6.83	5.96	4.79	4.97	4.75	4.37	4.91	4.81	**26.41**	**41.39**
Closely Associated Indirects	Vehicles & Transport		7.80	7.13	6.98	7.89	7.93	7.93	7.92	7.92	7.92	7.91	7.91	7.90	7.89	**37.73**	**63.30**
Closely Associated Indirects	Network Policy		0.34	0.40	0.31	0.28	0.27	0.27	0.27	0.26	0.28	0.27	0.27	0.27	0.27	**1.60**	**2.15**
Business Support Costs	HR and Non-Op Training		2.21	2.66	1.96	1.96	2.00	1.98	1.95	1.92	1.90	1.87	1.84	1.81	1.78	**10.79**	**15.06**
Business Support Costs	Finance & Regulation		9.05	8.38	6.66	7.66	7.75	7.72	7.63	7.54	7.44	7.35	7.26	7.18	7.00	**39.50**	**59.12**
Business Support Costs	CEO etc.		2.46	2.37	2.00	2.30	2.35	2.33	2.29	2.26	2.23	2.19	2.16	2.12	2.09	**11.48**	**17.66**
Business Support Costs	IT & Telecoms		11.07	11.35	8.75	8.95	9.30	9.65	9.55	9.09	9.06	8.96	8.83	8.71	8.61	**49.43**	**72.45**
Business Support Costs	Property Mgt		8.31	6.52	5.28	5.19	5.19	5.06	4.84	4.77	4.71	4.65	4.59	4.54	4.48	**30.49**	**37.64**
Total			**95.97**	**85.79**	**77.61**	**85.38**	**88.53**	**88.55**	**86.23**	**83.29**	**82.13**	**80.07**	**78.33**	**77.84**	**76.17**	**433.29**	**652.60**
Total Net Costs after allocation for RAV																	
Closely Associated Indirects	Network Design & Engineering		5.72	3.87	3.09	4.20	4.49	4.49	4.38	4.23	3.96	3.72	3.61	3.54	3.32	**21.36**	**31.25**
Closely Associated Indirects	Project Management		7.25	3.59	3.51	4.27	4.48	4.31	4.36	4.22	4.07	3.86	3.75	3.66	3.53	**23.10**	**31.76**
Closely Associated Indirects	Engineering Management & Clerical Support		19.50	16.60	16.65	20.62	21.28	20.68	20.55	19.80	19.24	18.23	17.56	17.24	16.65	**94.65**	**149.95**
Closely Associated Indirects	System Mapping Cartographical		1.25	1.48	1.10	1.22	1.29	1.26	1.28	1.26	1.23	1.20	1.19	1.19	1.17	**6.33**	**9.78**
Closely Associated Indirects	Control Centre		4.78	4.74	4.59	4.50	4.69	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.62	**23.30**	**37.56**
Closely Associated Indirects	Call Centre		1.56	1.85	1.86	2.39	2.45	2.25	1.66	1.66	1.65	1.64	1.63	1.62	1.60	**10.12**	**13.70**
Closely Associated Indirects	Stores		1.74	1.45	1.45	1.48	1.51	1.51	1.51	1.50	1.49	1.48	1.47	1.46	1.46	**7.63**	**11.89**
Closely Associated Indirects	Operational Training		4.59	4.57	4.00	4.58	5.20	6.16	5.29	4.11	4.28	4.05	3.66	4.21	4.11	**22.94**	**35.85**
Closely Associated Indirects	Vehicles & Transport		6.71	5.99	5.75	6.83	6.82	6.82	6.82	6.80	6.79	6.76	6.75	6.74	6.73	**32.09**	**54.19**
Closely Associated Indirects	Network Policy		0.34	0.39	0.31	0.27	0.27	0.27	0.26	0.26	0.28	0.27	0.26	0.26	0.26	**1.58**	**2.13**
Business Support Costs	HR and Non-Op Training		1.83	2.15	1.59	1.51	1.62	1.61	1.60	1.60	1.58	1.57	1.54	1.52	1.48	**8.69**	**12.50**
Business Support Costs	Finance & Regulation		8.27	7.55	5.69	6.45	6.74	6.74	6.72	6.67	6.61	6.55	6.48	6.40	6.20	**34.71**	**52.38**
Business Support Costs	CEO etc.		2.01	1.81	1.57	1.77	1.91	1.90	1.90	1.89	1.87	1.85	1.82	1.78	1.74	**9.07**	**14.74**
Business Support Costs	IT & Telecoms		9.41	9.15	7.10	6.89	7.57	7.98	8.00	7.62	7.63	7.59	7.49	7.37	7.25	**40.13**	**60.93**
Business Support Costs	Property Mgt		6.88	5.11	4.20	4.02	4.20	4.11	3.95	3.93	3.89	3.87	3.82	3.77	3.70	**24.41**	**31.05**
Total			**81.83**	**70.31**	**62.46**	**71.01**	**74.52**	**74.79**	**72.99**	**70.26**	**69.30**	**67.37**	**65.76**	**65.38**	**63.84**	**360.12**	**549.68**
Check - Total Gross Costs to C1 Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total Net Costs to C1 Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total Net after reallocations for RAV purposes Costs to C1 Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Network Design and Engineering																	
Strategic planning of the distribution network			1.20	1.18	1.03	1.03	1.08	1.07	1.04	1.02	1.00	0.98	0.96	0.94	0.92	**6**	**8**
General and Fault level reinforcement			1.02	0.73	0.61	0.74	0.79	0.79	0.77	0.75	0.71	0.67	0.66	0.64	0.61	**4**	**6**
Connections Projects			1.90	1.86	1.83	2.22	2.37	2.36	2.30	2.24	2.11	2.01	1.96	1.92	1.81	**10**	**17**
Other Network Investment			3.09	1.97	1.48	1.79	1.91	1.91	1.86	1.81	1.71	1.63	1.58	1.55	1.46	**10**	**14**
Gross Total			7.2	5.7	5.0	5.8	6.2	6.1	6.0	5.8	5.5	5.3	5.1	5.1	4.8	**30**	**44**
Check to C1 Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Engineering Management & Clerical Support Activity																	
Identification and Implementation of Improvement Initiatives			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Strategic Network Business Plan Development and Implementation			0.76	0.76	0.69	0.69	0.69	0.68	0.67	0.65	0.64	0.62	0.61	0.60	0.58	**4**	**5**
Work Planning, Budgeting, Allocation and Control			15.51	13.62	14.47	17.19	18.06	17.52	17.43	16.80	16.34	15.46	14.87	14.60	14.06	**79**	**127**
Health & Safety			2.14	1.39	0.94	0.94	0.94	0.93	0.91	0.89	0.87	0.85	0.83	0.82	0.80	**6**	**7**
Streetworks Admin			1.12	0.78	0.86	1.47	1.47	1.44	1.41	1.38	1.35	1.32	1.30	1.27	1.24	**6**	**11**
Wayleaves Payments			2.20	2.30	1.88	1.88	1.88	1.85	1.81	1.77	1.73	1.70	1.66	1.63	1.59	**10**	**14**
Wayleaves and Easements/Servitudes: Admin Costs			0.72	0.73	1.14	1.14	1.14	1.12	1.10	1.08	1.05	1.03	1.01	0.99	0.97	**5**	**8**
Clerical Support			1.48	1.38	0.98	0.98	0.98	0.97	0.95	0.93	0.91	0.89	0.87	0.85	0.83	**6**	**7**
Gross Total			23.9	21.0	21.0	24.3	25.2	24.5	24.3	23.5	22.9	21.9	21.1	20.8	20.1	**115**	**179**
Customer Contributions: Streetworks			-0.06	-0.19	-0.13	-0.31	-0.29	-0.28	-0.27	-0.26	-0.26	-0.26	-0.26	-0.26	-0.27	**-1**	**-2**
Check to C1 Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Control Centre																	
Outage Planning and Management			0.34	0.34	0.33	0.32	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.33	0.33	**2**	**3**
Real Time Control and Monitoring			2.79	2.72	2.67	2.62	2.73	2.75	2.75	2.75	2.75	2.75	2.75	2.69	2.69	**14**	**22**
Dispatch			1.31	1.35	1.28	1.25	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.29	1.29	**6**	**10**
Major Incidents & Emergency Planning			0.34	0.34	0.33	0.32	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.33	0.33	**2**	**3**
Gross Total			4.8	4.8	4.6	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	**23**	**38**
Check			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Operational Training																	
Workforce Renewal			4.13	4.80	3.90	4.22	5.38	5.96	4.94	4.29	4.09	3.74	3.87	4.04	3.80	**22**	**35**
Non WFR operational training			1.10	0.51	0.87	1.01	0.49	0.87	1.01	0.49	0.87	1.01	0.49	0.87	1.01	**4**	**7**
Operational Training			5.2	5.3	4.8	5.2	5.9	6.8	6.0	4.8	5.0	4.8	4.4	4.9	4.8	**26**	**41**
Check to C1 Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Finance and Regulation																	
Insurance totals			3.69	3.30	2.61	5.64	5.64	5.58	5.51	5.44	5.37	5.30	5.24	5.18	5.11	20.9	42.7
Fines & Penalties (other than in Streetworks)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance			4.37	4.38	3.06	0.93	1.01	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.89	13.8	7.9
Network Regulation			0.28	0.48	0.68	0.78	0.79	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	3.0	6.0
Procurement			0.91	0.61	0.49	0.56	0.57	0.57	0.56	0.56	0.55	0.54	0.54	0.53	0.52	3.1	4.4
Gross Total			9.3	8.8	6.8	7.9	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.2	40.8	61.1
Insurance - Claims paid out to DNO			-0.20	-0.40	-0.17	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-1.5	-2.8
Other Income			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Total			9.1	8.4	6.7	7.6	7.7	7.6	7.5	7.4	7.3	7.2	7.2	7.1	6.9	39.3	58.3
Check - Disaggregated Gross Costs to Summary Costs			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
CEO etc																	
Non-executive & group directors labour costs & Board meeting costs			0.76	1.22	0.92	1.06	1.08	1.07	1.06	1.04	1.03	1.01	0.99	0.98	0.96	**5**	**8**
Management charges from Affiliates of a general non-specific nature			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Provision of corporate communications/Community Awareness			0.45	0.18	0.29	0.33	0.34	0.34	0.33	0.33	0.32	0.32	0.31	0.31	0.30	**2**	**3**
Provision of legal services			1.18	0.74	0.49	0.57	0.58	0.58	0.57	0.56	0.55	0.54	0.53	0.53	0.52	**4**	**4**
Provision of company secretarial services			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
CEO etc - Other			0.07	0.22	0.29	0.33	0.34	0.34	0.33	0.33	0.32	0.32	0.31	0.31	0.30	**1**	**3**
Gross Total			2.5	2.4	2.0	2.3	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	**11**	**18**

Check - Disaggregated Gross Costs to Summary Costs			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	

Total IT & Telecoms Gross Costs

Infrastructure & Management Costs	New Assets Operational	Telecoms - Telecontrol	-	-	0.31	2.85	2.58	3.02	3.20	3.31	3.37	3.75	4.01	4.14	4.27	5.7	29.1
Infrastructure & Management Costs	New Assets Operational	Telecoms - Network	0.37	0.60	0.53	0.03	0.01	0.01	0.05	0.05	0.04	0.04	0.04	0.04	0.04	1.5	0.3
Infrastructure & Management Costs	New Assets Operational	Telecoms Management	-	-	-	0.31	0.34	0.36	0.36	0.38	0.35	0.34	0.35	0.34	0.34	0.6	2.8
Infrastructure & Management Costs	New Assets Operational	IT Servers Support/ Services	-	-	0.20	0.15	0.29	0.14	0.06	0.31	0.06	0.05	0.07	0.29	0.11	0.6	1.1
Infrastructure & Management Costs	New Assets Operational	IT Lan Support / Services	-	-	-	-	-	-	-	-	0.08	-	-	-	-	-	0.1
Infrastructure & Management Costs	New Assets Operational	IT Environmental Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	New Assets Operational	IT Clients Support/ services	-	-	0.05	0.27	0.27	0.14	0.05	0.17	0.05	0.05	0.06	0.05	0.21	0.6	0.8
Infrastructure & Management Costs	New Assets Operational	IT Management	-	-	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.5	1.3
Infrastructure & Management Costs	**Total**		**0.4**	**0.6**	**1.2**	**3.8**	**3.6**	**3.8**	**3.9**	**4.4**	**4.1**	**4.4**	**4.7**	**5.0**	**5.1**	**9.6**	35.4
Infrastructure & Management Costs	New Assets Non Operational	Telecoms - Telecontrol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	New Assets Non Operational	Telecoms - Network	-	-	0.00	0.14	-	0.50	0.56	-	-	-	-	-	-	0.1	1.1
Infrastructure & Management Costs	New Assets Non Operational	Telecoms Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	New Assets Non Operational	IT Servers Support/ Services	-	-	2.51	0.60	0.01	0.22	1.82	0.91	1.37	1.12	0.74	0.61	0.11	3.1	6.9
Infrastructure & Management Costs	New Assets Non Operational	IT Lan Support / Services	-	-	-	0.41	0.38	0.09	0.25	0.05	0.05	0.24	0.12	0.23	0.51	0.8	1.5
Infrastructure & Management Costs	New Assets Non Operational	IT Environmental Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	New Assets Non Operational	IT Clients Support/ services	0.66	8.89	1.20	0.96	0.66	0.43	0.71	0.38	0.97	0.82	0.27	0.40	1.33	12.4	5.3
Infrastructure & Management Costs	New Assets Non Operational	IT Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	**Total**		**0.7**	**8.9**	**3.7**	**2.1**	**1.0**	**1.2**	**3.3**	**1.3**	**2.4**	**2.2**	**1.1**	**1.2**	**1.9**	**16.4**	14.8
Infrastructure & Management Costs	IT Maintenance and Running Costs Operationa	Telecoms - Telecontrol	1.35	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.9	0.0
Infrastructure & Management Costs	IT Maintenance and Running Costs Operationa	Telecoms - Network	-	-	0.18	0.29	0.30	0.31	0.31	0.30	0.29	0.29	0.29	0.28	0.28	0.8	2.3
Infrastructure & Management Costs	IT Maintenance and Running Costs Operationa	Telecoms Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operationa	IT Servers Support/ Services	-	-	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.1	0.0
Infrastructure & Management Costs	IT Maintenance and Running Costs Operationa	IT Lan Support / Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operationa	IT Environmental Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operationa	IT Clients Support/ services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operationa	IT Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	**Total**		**1.3**	**1.5**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**3.7**	2.4
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-operat	Telecoms - Telecontrol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-operat	Telecoms - Network	0.99	1.00	1.76	1.68	1.78	1.79	1.80	1.70	1.69	1.66	1.63	1.61	1.58	7.2	13.5
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-operat	Telecoms Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-operat	IT Servers Support/ Services	1.16	1.17	0.92	1.03	1.06	1.36	1.40	1.32	1.31	1.29	1.27	1.25	1.23	5.3	10.4
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-operat	IT Lan Support / Services	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-operat	IT Environmental Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-operat	IT Clients Support/ services	1.32	1.32	0.95	1.00	1.05	1.07	1.10	1.04	1.03	1.02	1.00	0.98	0.96	5.6	8.2
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-operat	IT Management	0.66	0.67	1.19	1.19	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.26	4.9	9.9
Infrastructure & Management Costs	**Total**		**4.1**	**4.2**	**4.8**	**4.9**	**5.1**	**5.4**	**5.5**	**5.3**	**5.3**	**5.2**	**5.1**	**5.1**	**5.0**	**23.1**	42.0
Total Infrastructure & Management Costs			**6.5**	**15.1**	**10.0**	**11.1**	**10.1**	**10.8**	**13.0**	**11.3**	**12.1**	**12.1**	**11.3**	**11.6**	**12.4**	**52.8**	94.6
IT Applications Costs	New Assets Operational	IT Applications maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT Applications Costs	New Assets Operational	IT New Application software	-	-	0.85	0.92	0.73	-	-	-	-	-	-	-	-	2.5	-
IT Applications Costs	**Total**		**-**	**-**	**0.8**	**0.9**	**0.7**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	-
IT Applications Costs	New Assets Non Operational	IT Applications maintenance															
IT Applications Costs	New Assets Non Operational	IT New Application software	1.38	3.35	6.35	2.59	2.26	2.60	5.04	4.64	3.44	3.50	4.00	2.86	1.62	15.9	27.7
IT Applications Costs	**Total**		**1.4**	**3.4**	**6.3**	**2.6**	**2.3**	**2.6**	**5.0**	**4.6**	**3.4**	**3.5**	**4.0**	**2.9**	**1.6**	**15.9**	27.7
IT Applications Costs	IT Maintenance and Running Costs Operationa	IT Applications maintenance	-	-	0.27	0.34	0.38	0.39	0.40	0.39	0.39	0.38	0.38	0.37	0.37	1.0	3.1
IT Applications Costs	IT Maintenance and Running Costs Operationa	IT New Application software															
IT Applications Costs	IT Maintenance and Running Costs Non-operat	IT Applications maintenance	5.58	5.69	3.46	3.38	3.53	3.52	3.31	3.12	3.11	3.06	3.01	2.97	2.92	21.6	25.0
IT Applications Costs	IT Maintenance and Running Costs Non-operat	IT New Application software															
IT Applications Costs	**Total**		**5.6**	**5.7**	**3.7**	**3.7**	**3.9**	**3.9**	**3.7**	**3.5**	**3.5**	**3.4**	**3.4**	**3.3**	**3.3**	**22.6**	28.1
Total IT Applications Costs			**7.0**	**9.0**	**10.9**	**7.2**	**6.9**	**6.5**	**8.8**	**8.1**	**6.9**	**6.9**	**7.4**	**6.2**	**4.9**	**41.1**	55.8
Total IT costs			**10.8**	**21.1**	**18.1**	**13.0**	**12.0**	**11.3**	**15.5**	**13.7**	**13.2**	**12.9**	**12.3**	**11.4**	**10.8**	**75.0**	101.3
Total Telecoms costs			**2.7**	**3.1**	**2.8**	**5.3**	**5.0**	**6.0**	**6.3**	**5.7**	**5.8**	**6.1**	**6.3**	**6.4**	**6.5**	**18.9**	49.1
Total IT & Telecoms Costs			**13.5**	**24.2**	**20.9**	**18.3**	**17.0**	**17.3**	**21.8**	**19.4**	**19.0**	**19.0**	**18.7**	**17.8**	**17.3**	**93.9**	150.4
Check			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total 'New Assets Operational' to C1 Cost Matrix (Core Capex Operational IT&T column)			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total 'New Assets Non Operational' to C35 Non-Op Capex (IT & Telecoms row)			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total 'IT Maintenance & Running Costs' to C1 Cost Matrix (Indirects IT&T column)			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
IT End User			1,344.56	1,387.96	1,402.24	1,445.92	1,437.80	1,581.00	1,617.89	1,594.95	1,595.88	1,568.60	1,570.15	1,566.43	1,530.78		

Property Management

Buildings	3.29	1.44	2.45	2.41	2.41	2.35	2.25	2.21	2.19	2.16	2.13	2.11	2.08	**12**	**17**
Grounds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maintenance	2.48	2.67	0.99	0.97	0.97	0.95	0.91	0.90	0.88	0.87	0.86	0.85	0.84	**8**	**7**
Front of House (inc security, reception, porters)	1.17	1.32	0.88	0.86	0.86	0.84	0.80	0.79	0.78	0.77	0.76	0.75	0.74	**5**	**6**
Catering	0.04	0.05	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	**0**	**1**
Cleaning	0.26	0.30	0.42	0.42	0.42	0.41	0.39	0.38	0.38	0.37	0.37	0.36	0.36	**2**	**3**
Property Mgt - Other (inc postage, reprographics)	1.06	0.73	0.46	0.45	0.45	0.44	0.42	0.41	0.41	0.40	0.40	0.39	0.39	**3**	**3**
Total	8.3	6.5	5.3	5.2	5.2	5.1	4.8	4.8	4.7	4.6	4.6	4.5	4.5	**30**	**38**
Check to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Non-Operational Capex by Category

Vehicles	1.33	1.17	5.29	6.86	4.42	1.29	1.35	1.25	1.76	1.99	3.20	3.86	4.02	19.1	18.7
Small Tools, Equipment, Plant & Machinery	1.07	0.79	2.58	1.48	1.48	1.46	1.44	1.42	1.40	1.39	1.38	1.36	1.34	7.4	11.2
Non-Operational Property (inc. Office Equipment)	2.60	0.85	0.56	0.70	0.44	1.06	1.21	0.95	2.84	2.81	0.93	3.12	1.81	5.1	14.7
IT & Telecoms	2.04	12.24	10.06	4.68	3.31	3.84	8.38	5.98	5.83	5.68	5.13	4.10	3.57	32.3	42.5
Total	**7.0**	**15.1**	**18.5**	**13.7**	**9.6**	**7.6**	**12.4**	**9.6**	**11.8**	**11.9**	**10.6**	**12.4**	**10.7**	**64.0**	87.2

By Cost Type

Labour	0.18	-	0.03	-	-	-	-	-	-	-	-	-	-	**0.2**	-
Pensions	0.03	-	-0.00	-	-	-	-	-	-	-	-	-	-	**0.0**	-
Contractors	4.42	13.01	10.59	11.96	8.30	6.63	10.80	8.10	10.29	10.57	8.96	10.99	9.46	**48.3**	75.8
Materials	2.41	1.97	7.87	1.76	1.34	1.02	1.59	1.50	1.55	1.31	1.68	1.46	1.29	**15.4**	11.4
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Road Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins	-	0.08	-	-	-	-	-	-	-	-	-	-	-	**0.1**	-
Total Gross Costs	**7.0**	**15.1**	**18.5**	**13.7**	**9.6**	**7.6**	**12.4**	**9.6**	**11.8**	**11.9**	**10.6**	**12.4**	**10.7**	**64.0**	87.2
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Total Net Costs	**7.0**	**15.1**	**18.5**	**13.7**	**9.6**	**7.6**	**12.4**	**9.6**	**11.8**	**11.9**	**10.6**	**12.4**	**10.7**	**64.0**	87.2
Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total Gross Costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total Net Costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Costs breakdown by variable, semi-variable and fixed for the RIIO-ED1 period (%)

	Variable	Group-variable	Fixed	
Network Design & Engineering	87%	13%	0%	OK
Project Management	73%	27%	0%	OK
Engineering Mgt & Clerical Support	72%	28%	0%	OK
System Mapping - Cartographical	42%	58%	0%	OK
Control Centre	0%	100%	0%	OK
Call Centre	0%	100%	0%	OK
Stores	0%	100%	0%	OK
Operational Training	87%	13%	0%	OK
Vehicles & Transport	0%	100%	0%	OK
Network Policy	0%	100%	0%	OK
Total Closely Associated Indirects	53%	47%	0%	OK
HR & Non-operational Training	0%	100%	0%	OK
Finance & Regulation	0%	100%	0%	OK
CEO	0%	100%	0%	OK
IT & Telecoms	0%	100%	0%	OK
Property Mgt	0%	100%	0%	OK
Total Business Support Costs	0%	100%	0%	OK

CV1: Diversions (non-rechargeable)
SPN
Price base (2012/13)

Activity Volumes

Diversions (non-fully rechargeable)	Voltage	Units	2010 DPCR4	2011 DPCR5	2012 DPCR5	2013 DPCR5	2014 DPCR5	2015 DPCR5	2016 RIIO-ED1	2017 RIIO-ED1	2018 RIIO-ED1	2019 RIIO-ED1	2020 RIIO-ED1	2021 RIIO-ED1	2022 RIIO-ED1	2023 RIIO-ED1	Total DPCR5	Total RIIO-ED1
			#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Conversion of wayleaves to easements, easements, injurious affection	LV	Claims settled		10	4	4	4	4	10	10	10	10	10	10	10	10	**26**	**80**
Conversion of wayleaves to easements, easements, injurious affection	HV	Claims settled		13	9	10	10	10	27	27	27	27	27	27	27	27	**52**	**216**
Conversion of wayleaves to easements, easements, injurious affection	EHV	Claims settled		8	20	10	10	10	15	17	19	21	23	25	27	29	**58**	**176**
Conversion of wayleaves to easements, easements, injurious affection	132kV	Claims settled		69	116	75	75	75	70	70	70	70	60	60	60	60	**410**	**520**
Conversion of wayleaves to easements, easements, injurious	**Total**			**100**	**149**	**99**	**99**	**99**	**122**	**124**	**126**	**128**	**120**	**122**	**124**	**126**	**546**	**992**
Diversions due to wayleave terminations	LV	Diversions completed		63	29	35	134	100	78	78	78	78	78	78	78	78	**362**	**624**
Diversions due to wayleave terminations	HV	Diversions completed		571	263	318	167	79	60	60	60	60	60	60	60	60	**1,397**	**480**
Diversions due to wayleave terminations	EHV	Diversions completed		6	2	1	1	1	1	1	1	1	1	1	1	1	**11**	**8**
Diversions due to wayleave terminations	132kV	Diversions completed		5	2	-	-	1	-	-	-	-	1	2	2	1	**8**	**6**
Diversions due to wayleave terminations	**Total**			**645**	**296**	**354**	**302**	**181**	**139**	**139**	**139**	**139**	**140**	**141**	**141**	**140**	**1,778**	**1,118**
Diversions for highways (funded as detailed in NRSWA)	LV	Diversions completed		-	1	-	-	1	1	1	1	1	1	1	1	1	**3**	**8**
Diversions for highways (funded as detailed in NRSWA)	HV	Diversions completed		-	2	-	1	1	1	1	1	1	1	1	1	1	**4**	**8**
Diversions for highways (funded as detailed in NRSWA)	EHV	Diversions completed		-	1	-	-	-	-	-	-	-	-	-	-	-	**1**	**-**
Diversions for highways (funded as detailed in NRSWA)	132kV	Diversions completed		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Diversions for highways (funded as detailed in NRSWA)	**Total**			**-**	**4**	**-**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**8**	**16**
Total																		

Total Direct Costs

	2010 DPCR4 £m	2011 DPCR5 £m	2012 DPCR5 £m	2013 DPCR5 £m	2014 DPCR5 £m	2015 DPCR5 £m	2016 RIIO-ED1 £m	2017 RIIO-ED1 £m	2018 RIIO-ED1 £m	2019 RIIO-ED1 £m	2020 RIIO-ED1 £m	2021 RIIO-ED1 £m	2022 RIIO-ED1 £m	2023 RIIO-ED1 £m	Total DPCR5 £m	Total RIIO-ED1 £m
	-	-	0.00	0.00	0.01	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	**0.02**	**0.27**
	0.11	0.06	0.38	0.05	0.18	0.44	0.51	0.50	0.49	0.49	0.48	0.48	0.40	0.40	**0.79**	**3.79**
	-	-	0.11	0.07	0.16	0.21	0.22	0.22	0.21	0.21	0.21	0.21	0.19	0.19	**0.35**	**1.67**
	2.12	2.63	2.07	1.59	3.24	3.24	3.20	3.15	3.12	3.09	3.07	3.03	2.97	2.97	**###**	**###**
	2.23	**2.69**	**2.56**	**1.72**	**3.60**	**3.92**	**3.96**	**3.90**	**3.86**	**3.83**	**3.79**	**3.74**	**3.60**	**3.60**	**###**	**###**
	0.72	0.82	1.24	0.53	1.07	1.05	1.04	1.02	1.01	1.00	0.99	0.98	0.97	**4.38**	**8.08**	
	1.36	1.98	2.69	0.48	0.99	0.51	0.51	0.50	0.49	0.49	0.48	0.48	0.47	**7.50**	**3.93**	
	0.47	0.22	0.05	0.47	0.83	0.86	0.85	0.83	0.82	0.82	0.92	1.14	0.79	**2.04**	**7.03**	
	0.52	1.38	0.10	0.43	0.87	-	-	-	-	0.43	2.52	4.10	1.66	**3.09**	**8.70**	
	3.08	**4.39**	**3.87**	**1.91**	**3.76**	**2.42**	**2.39**	**2.35**	**2.33**	**2.74**	**4.92**	**6.69**	**3.89**	**###**	**###**	
	-	0.26	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.46**	**0.02**	
	-	1.80	-	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.81**	**0.04**	
	-	0.52	-	-	-	-	-	-	-	-	-	-	-	**0.52**	**-**	
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
	-	**2.58**	**0.19**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**2.79**	**0.06**	
	5.31	**9.66**	**6.63**	**3.64**	**7.36**	**6.35**	**6.36**	**6.26**	**6.20**	**6.57**	**8.72**	**###**	**7.49**	**###**	**###**	

2010 DPCR4 £m	2011 DPCR5 £m	2012 DPCR5 £m	2013 DPCR5 £m	2014 DPCR5 £m	2015 DPCR5 £m	2016 RIIO-ED1 £m	2017 RIIO-ED1 £m	2018 RIIO-ED1 £m	2019 RIIO-ED1 £m	2020 RIIO-ED1 £m	2021 RIIO-ED1 £m	2022 RIIO-ED1 £m	2023 RIIO-ED1 £m	DPCR5 £m	RIIO-ED1 £m
	0.27	0.28	0.26	0.14	0.28	0.24	0.24	0.24	0.24	0.25	0.34	0.40	0.29	1.24	2.25
	0.04	0.05	0.04	0.02	0.05	0.04	0.04	0.04	0.04	0.04	0.06	0.07	0.05	0.20	0.39
	1.87	5.34	2.75	1.51	3.06	2.64	2.64	2.60	2.58	2.73	3.62	4.34	3.11	14.54	24.26
	0.77	1.33	0.85	0.46	0.94	0.81	0.81	0.80	0.79	0.84	1.11	1.34	0.96	4.35	7.47
	2.31	2.66	2.73	1.50	3.03	2.61	2.62	2.58	2.55	2.70	3.59	4.30	3.08	12.21	24.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.05	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-
	5.31	**9.66**	**6.63**	**3.64**	**7.36**	**6.35**	**6.36**	**6.26**	**6.20**	**6.57**	**8.72**	**###**	**7.49**	32.60	58.40
	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	-	-	- 0.00	- 0.19	- 0.14	-	-	-	-	-	-	-	-	- 0.33	-
	5.31	**9.66**	**6.63**	**3.45**	**7.22**	**6.35**	**6.36**	**6.26**	**6.20**	**6.57**	**8.72**	**###**	**7.49**	**###**	58.40

	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Annual Unit Costs

	2010 DPCR4 £k/unit	2011 DPCR5 £k/unit	2012 DPCR5 £k/unit	2013 DPCR5 £k/unit	2014 DPCR5 £k/unit	2015 DPCR5 £k/unit	2016 RIIO-ED1 £k/unit	2017 RIIO-ED1 £k/unit	2018 RIIO-ED1 £k/unit	2019 RIIO-ED1 £k/unit	2020 RIIO-ED1 £k/unit	2021 RIIO-ED1 £k/unit	2022 RIIO-ED1 £k/unit	2023 RIIO-ED1 £k/unit
	###	###	0.4	0.9	3.3	3.1	3.6	3.6	3.5	3.5	3.5	3.4	2.9	
	8.5	7.0	38.1	5.2	18.4	16.3	18.7	18.4	18.2	18.1	17.9	17.7	15.0	
	###	###	10.9	7.5	16.5	13.9	12.9	11.3	10.2	9.2	8.4	7.6	6.6	
	30.8	22.7	27.6	21.2	43.1	46.2	45.7	45.1	44.6	51.6	51.1	50.4	49.6	
	22.3	18.1	25.8	17.4	36.3	32.1	32.0	31.0	30.2	31.9	31.1	30.2	28.6	
	11.4	27.9	35.3	3.9	10.7	13.5	13.3	13.1	13.0	12.9	12.7	12.6	12.4	
	2.4	7.5	8.5	2.9	12.5	8.5	8.4	8.3	8.2	8.1	8.1	8.0	7.8	
	78.7	109.0	45.1	471.8	829.3	857.7	845.3	832.4	824.5	816.5	923.5	1137.8	788.2	
	104.2	687.7	###	###	869.7	0.0	0.0	0.0	0.0	429.6	1258.8	2047.6	1658.7	
	4.8	14.8	10.9	6.3	20.8	17.4	17.2	16.9	16.8	19.6	34.9	47.5	27.8	
	0.0	257.8	###	1.3	1.7	2.4	2.6	2.5	2.5	2.5	2.4	2.4	2.4	
	0.0	902.5	0.0	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.7	4.6	4.5	
	0.0	515.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	644.6	###	3.2	3.4	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	

Multi-Year Average Unit Cost

	2 year 2011-2012 £k/unit	3 year 2011-2013 £k/unit	4 year 2011-2014 £k/unit	DPCR5 2011-2015 £k/unit	2 year 2016-17 £k/unit	3 year 2016-18 £k/unit	4 year 2016-19 £k/unit	5 year 2016-20 £k/unit	6 year 2016-21 £k/unit	7 year 2016-22 £k/unit	RIIO-ED1 2016-23 £k/unit
		0.1	0.2	0.7	3.4	3.4	3.5	3.5	3.5	3.5	3.4
	7.9	17.3	14.4	15.2	17.5	17.8	17.9	17.9	17.9	17.9	17.5
		2.9	3.8	6.0	13.4	12.6	11.9	11.2	10.6	10.1	9.5
	25.7	26.2	25.1	28.4	46.0	45.7	45.4	46.5	47.2	47.6	47.8
	19.8	21.5	20.6	23.4	32.0	31.7	31.3	31.4	31.4	31.2	30.9
	16.6	21.8	12.6	12.1	13.4	13.3	13.2	13.2	13.1	13.0	12.9
	4.0	5.2	4.9	5.4	8.5	8.4	8.4	8.3	8.3	8.2	8.2
	86.3	81.7	120.7	185.1	851.5	845.1	840.0	835.3	850.0	891.1	878.2
	270.9	256.3	317.7	386.7				429.6	982.4	1408.5	1450.2
	7.9	8.8	8.3	9.6	17.3	17.2	17.1	17.6	20.5	24.4	24.8
	257.8	452.0	226.7	151.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	902.5	902.5	603.3	453.7	4.9	4.9	4.8	4.8	4.8	4.8	4.7
	515.7	515.7	515.7	515.7							0.0
				0.0							0.0
	644.6	693.2	463.2	348.2	3.7	3.7	3.7	3.6	3.6	3.6	3.6

By Cost Type

Labour
Pensions
Contractors
Materials
Wayleaves (inc Easements/Servitudes)
Road Charges
Rent
Subscriptions
Related Party Margins
Total Gross Costs
Customer Contributions
Cost recoveries
Total Net Costs

Check - Cost Type to Category
Check - Total Gross Costs to C1 Cost Matrix
Check - Total Net Costs to C1 Cost Matrix

CV1b: Diversions rail electrification
SPN
Price base (2012/13)
Table A

Diversions	Voltage	Units	2016	2017	2018	2019	2020	2021	2022	2023	RIIO-ED1
			Total Activity Volumes								
							RIIO-ED1				
			#	#	#	#	#	#	#	#	#
Diversions due to wayleave terminations	LV	No of diversions									-
Diversions due to wayleave terminations	HV	No of diversions									-
Diversions due to wayleave terminations	EHV	No of diversions									-
Diversions due to wayleave terminations	132kV	No of diversions									-
Diversions due to wayleave terminations	**Total**		-	-	-	-	-	-	-	-	-
Diversions for highways (funded as detailed in NRSWA)	LV	No of diversions									-
Diversions for highways (funded as detailed in NRSWA)	HV	No of diversions									-
Diversions for highways (funded as detailed in NRSWA)	EHV	No of diversions									-
Diversions for highways (funded as detailed in NRSWA)	132kV	No of diversions									-
Diversions for highways (funded as detailed in NRSWA)	**Total**	No of diversions	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	-	-	-	-

	2016	2017	2018	2019	2020	2021	2022	2023	RIIO-ED1
	Total Length of Lines Diverted (Km)								
					RIIO-ED1				
	Km	Km	Km	Km	Km	Km	Km	Km	Km
									-
									-
									-
									-
	-	-	-	-	-	-	-	-	-
									-
									-
									-
									-
									-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

	2016	2017	2018	2019	2020	2021	2022	2023	RIIO-ED1
	Total Costs								
				RIIO-ED1					
	£m	£m	£m	£m	£m	£m	£m	£m	£m
									-
									-
									-
									-
	-	-	-	-	-	-	-	-	-
									-
									-
									-
									-
									-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

	2016	2017	2018	2019	2020	2021	2022	2023	RIIO-ED1
				RIIO-ED1					£m
									-
									-
									-
									-
									-
									-
									-
									-
	-	-	-	-	-	-	-	-	-
									-
									-
	-	-	-	-	-	-	-	-	-

	2016	2017	2018	2019	2020	2021	2022	2023
	OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK
	OK							
	OK							
	OK							

	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	Multi-Year Average Unit Cost						
	2016-17	2016-18	2016-19	2016-20	2016-21	2016-22	2016-23
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	2016-17	2016-18	2016-19	2016-20	2016-21	2016-22	2016-23
	Annual Unit Costs						
				RIIO-ED1			
	2016	2017	2018	2019	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

By Cost Type

Labour
Pensions
Contractors
Materials
Wayleaves (inc Easements/Servitudes)
Road Charges
Rent
Subscriptions
Related Party Margins
Total Gross Costs
Customer Contributions
Cost recoveries
Total Net Costs
Check - Cost Type to Category
Check - Total Gross Costs to C1 Cost Matrix
Check - Total Net Costs to C1 Cost Matrix
Check -Total Chronological to Total Project based (Gross)
Check -Total Chronological Volumes to Total Project based Volumes
Check -Total Chronological Line Length to Total Project based Line Length

CV1b: Diversions for Rail electrification (project based)
Extend columns if nessessary
Price base (2012/13)
Table B

Diversions	Voltage	Units	Project 1	Project 2	Project 3	Project 4	Project 5	Project 6	Project 7	Project 8	Project 9	Project 10	All Projects
			Total Project Activity Volumes										
							RIIO-ED1						
			#	#	#	#	#	#	#	#	#	#	#
Diversions due to wayleave terminations	LV	No of diversion											-
Diversions due to wayleave terminations	HV	No of diversion											-
Diversions due to wayleave terminations	EHV	No of diversion											-
Diversions due to wayleave terminations	132kV	No of diversion											-
Diversions due to wayleave terminations	**Total**		-	-	-	-	-	-	-	-	-	-	-
Diversions for highways (funded as detailed in NRSWA)	LV	No of diversion											-
Diversions for highways (funded as detailed in NRSWA)	HV	No of diversion											-
Diversions for highways (funded as detailed in NRSWA)	EHV	No of diversion											-
Diversions for highways (funded as detailed in NRSWA)	132kV	No of diversion											-
Diversions for highways (funded as detailed in NRSWA)	**Total**		-	-	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	-	-	-	-	-	-

Project 1	Project 2	Project 3	Project 4	Project 5	Project 6	Project 7	Project 8	Project 9	Project 10	All Projects
Total Project Length of Lines Diverted (Km)										
RIIO-ED1										
Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km
										-
										-
										-
										-
-	-	-	-	-	-	-	-	-	-	-
										-
										-
										-
										-
										-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

Project 1	Project 2	Project 3	Project 4	Project 5	Project 6	Project 7	Project 8	Project 9	Project 10	All Projects
Total Costs by Project										
RIIO-ED1										
£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
										-
										-
										-
										-
-	-	-	-	-	-	-	-	-	-	-
										-
										-
										-
										-
										-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

CV2: Activity Volumes - ESQCR 43-8 Safety Clearance
SPN
Price base (2012/13)

ESQCR Sites Resolved	Voltage
ESQCR - Shrouding (Permanent)	LV
ESQCR - Shrouding (Permanent)	HV
ESQCR - Shrouding (Permanent)	EHV
ESQCR - Shrouding (Permanent)	132kV
ESQCR - Shrouding (Permanent)	**Total**
ESQCR - Diversions	LV
ESQCR - Diversions	HV
ESQCR - Diversions	EHV
ESQCR - Diversions	132kV
ESQCR - Diversions	**Total**
ESQCR - Reconductoring	LV
ESQCR - Reconductoring	HV
ESQCR - Reconductoring	EHV
ESQCR - Reconductoring	132kV
ESQCR - Reconductoring	**Total**
ESQCR - Rebuild	LV
ESQCR - Rebuild	HV
ESQCR - Rebuild	EHV
ESQCR - Rebuild	132kV
ESQCR - Rebuild	**Total**
ESQCR - Undergrounding	LV
ESQCR - Undergrounding	HV
ESQCR - Undergrounding	EHV
ESQCR - Undergrounding	132kV
ESQCR - Undergrounding	**Total**
ESQCR - Other	LV
ESQCR - Other	HV
ESQCR - Other	EHV
ESQCR - Other	132kV
ESQCR - Other	**Total**
ESQCR - Derogation	LV
ESQCR - Derogation	HV
ESQCR - Derogation	EHV
ESQCR - Derogation	132kV
ESQCR - Derogation	**Total**
ESQCR - Part of Other Planned Work	LV
ESQCR - Part of Other Planned Work	HV
ESQCR - Part of Other Planned Work	EHV
ESQCR - Part of Other Planned Work	132kV
ESQCR - Part of Other Planned Work	**Total**
Total	

Activity Volumes

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
DPCR4	DPCR5					RIIO-ED1									
#	#	#	#	#	#	#	#	##	#	#	#	#	#	#	#
	-	44	7	10	81	78	75	72	69	67	65	64	63	**142**	**553**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**44**	**7**	**10**	**81**	**78**	**75**	**72**	**69**	**67**	**65**	**64**	**63**	**142**	**553**
	-	-	-	-	81	78	75	72	69	67	65	64	63	**81**	**553**
	-	-	-	-	23	22	21	20	19	18	18	18	18	**23**	**154**
	-	-	-	-	3	3	3	3	3	3	3	3	3	**3**	**24**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**-**	**-**	**-**	**107**	**103**	**99**	**95**	**91**	**88**	**86**	**85**	**84**	**107**	**731**
	-	1,557	200	1,178	969	940	912	884	857	832	807	783	759	**3,904**	**6,774**
	-	-	-	-	4	4	4	4	4	4	4	4	4	**4**	**32**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**1,557**	**200**	**1,178**	**973**	**944**	**916**	**888**	**861**	**836**	**811**	**787**	**763**	**3,908**	**6,806**
	5,855	39	-	273	323	314	305	296	287	279	271	263	255	**6,490**	**2,270**
	428	-	2	86	39	39	38	37	36	35	34	33	32	**555**	**284**
	54	-	-	15	3	3	3	3	3	3	3	3	3	**72**	**24**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	6,337	**39**	**2**	**374**	**365**	**356**	**346**	**336**	**326**	**317**	**308**	**299**	**290**	**7,117**	**2,578**
	117	1	-	144	162	157	152	148	144	140	136	132	128	**424**	**1,137**
	-	-	-	250	8	8	8	8	8	8	8	8	8	**258**	**64**
	-	-	-	-	1	1	1	1	1	1	1	1	1	**1**	**8**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	117	**1**	**-**	**394**	**171**	**166**	**161**	**157**	**153**	**149**	**145**	**141**	**137**	**683**	**1,209**
	-	-	17	1,018	-	-	-	-	-	-	-	-	-	**1,035**	**-**
	-	-	2	139	-	-	-	-	-	-	-	-	-	**141**	**-**
	-	-	-	5	-	-	-	-	-	-	-	-	-	**5**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**-**	**19**	**1,162**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,181**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	-	1,430	14	57	69	107	107	107	107	107	107	107	107	**1,570**	**856**
	-	121	1	-	-	-	-	-	-	-	-	-	-	**122**	**-**
	-	9	10	-	-	-	-	-	-	-	-	-	-	**19**	**-**
	-	43	142	-	-	-	-	-	-	-	-	-	-	**185**	**-**
	-	**1,603**	**167**	**57**	**69**	**107**	**107**	**107**	**107**	**107**	**107**	**107**	**107**	**1,896**	**856**

Total Direct Costs

DPCR4	DPCR5					RIIO-ED1									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	(£m)
	-	0.00	0.02	0.02	0.02	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.06	**0.06**	**0.55**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**0.00**	**0.02**	**0.02**	**0.02**	**0.08**	**0.07**	**0.07**	**0.07**	**0.07**	**0.06**	**0.06**	**0.06**	**0.06**	**0.55**
	-	0.01	-	-	-	0.17	0.17	0.16	0.15	0.15	0.14	0.14	0.14	**0.01**	**1.22**
	-	-	-	-	-	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.06	**-**	**0.54**
	-	-	-	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**-**	**0.18**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**0.01**	**-**	**-**	**-**	**0.27**	**0.26**	**0.25**	**0.24**	**0.23**	**0.23**	**0.23**	**0.22**	**0.01**	**1.94**
	-	0.22	2.89	2.59	2.59	2.07	2.01	1.95	1.89	1.83	1.78	1.72	1.67	**8.30**	**14.91**
	-	-	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**-**	**0.11**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**0.22**	**2.89**	**2.59**	**2.59**	**2.08**	**2.02**	**1.96**	**1.90**	**1.85**	**1.79**	**1.74**	**1.68**	**8.30**	**15.02**
	8.01	4.18	0.03	0.56	0.59	0.69	0.67	0.65	0.63	0.61	0.60	0.58	0.56	**13.36**	**5.00**
	-	-	0.04	0.30	0.26	0.14	0.13	0.13	0.13	0.12	0.12	0.12	0.11	**0.60**	**0.99**
	0.00	0.00	-	0.12	0.12	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**0.24**	**0.14**
	0.05	0.00	-	-	-	-	-	-	-	-	-	-	-	**0.05**	**-**
	8.06	**4.18**	**0.07**	**0.98**	**0.97**	**0.85**	**0.82**	**0.80**	**0.78**	**0.75**	**0.73**	**0.71**	**0.69**	**14.25**	**6.13**
	0.16	0.03	0.02	0.64	0.97	0.35	0.33	0.33	0.32	0.31	0.30	0.29	0.28	**1.82**	**2.50**
	1.10	1.89	0.00	1.48	1.48	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	**5.97**	**0.64**
	-	-	-	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**-**	**0.18**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	1.26	**1.92**	**0.02**	**2.13**	**2.46**	**0.45**	**0.44**	**0.43**	**0.42**	**0.41**	**0.40**	**0.39**	**0.38**	**7.79**	**3.32**
	0.00	-	0.02	2.25	2.29	-	-	-	-	-	-	-	-	**4.55**	**-**
	0.04	-	0.04	0.73	0.65	-	-	-	-	-	-	-	-	**1.45**	**-**
	-	0.15	0.00	0.04	0.03	-	-	-	-	-	-	-	-	**0.22**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	0.04	**0.15**	**0.06**	**3.01**	**2.97**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6.22**	**-**
	9.36	**6.48**	**3.05**	**8.73**	**9.01**	**3.73**	**3.62**	**3.51**	**3.41**	**3.31**	**3.22**	**3.13**	**3.05**	**36.64**	**26.97**

Annual Unit Costs

DPCR4	DPCR5					RIIO-ED1							
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	0.0	0.1	2.3	2.2	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.1	2.3	2.2	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	0.0	Err	0.0	0.0	Err	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	0.0	0.0	0.0	0.0	Err	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	0.0	0.0	0.0	Err	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	Err	0.0	0.0	Err	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
	0.0	0.1	14.5	2.2	2.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	0.0	0.0	0.0	0.0	Err	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.1	14.5	2.2	2.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	1.4	107.1	Err	2.0	1.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Err	0.0	20.1	3.5	6.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	Err	0.0	7.7	41.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.3	107.2	33.9	2.6	2.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	1.4	29.1	Err	4.5	6.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Err	Err	Err	5.9	185.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	0.0	0.0	0.0	0.0	Err	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10.8	1923.6	Err	5.4	14.4	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8
	Err	0.0	0.9	2.2	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Err	0.0	20.1	5.2	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	Err	Err	7.7	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Err	Err	3.0	2.6	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Multi-Year Average Unit Cost

2 year	3 year	4 year	DPCR5
2011-201	2011-201	2011-201	2011-2015
£k/unit	£k/unit	£k/unit	£k/unit
0.1	0.4	0.7	0.5
			0.0
			0.0
			0.0
0.1	0.4	0.7	0.5
#DIV/0!	#DIV/0!	#DIV/0!	0.1
			Err
			Err
			0.0
#DIV/0!	#DIV/0!	#DIV/0!	0.1
0.1	1.8	1.9	2.1
			Err
			0.0
			0.0
0.1	1.8	1.9	2.1
2.1	2.1	2.1	2.1
	0.1	0.7	1.1
0.0	0.0	1.7	3.4
#DIV/0!	#DIV/0!	#DIV/0!	Err
1.9	1.9	2.0	2.0
1.6	1.7	3.2	4.3
#DIV/0!	#DIV/0!	17.9	23.1
			Err
			0.0
27.0	27.2	10.4	11.4
#DIV/0!	1.0	2.2	4.4
#DIV/0!	39.8	5.7	10.3
#DIV/0!	#DIV/0!	37.1	43.2
			0.0
#DIV/0!	12.8	2.8	5.3

By Cost Type

Labour		0.16	0.28	0.12	0.34	0.35	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.12	1.23	1.04
Pensions		0.02	0.05	0.02	0.06	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.21	0.18
Contractors		7.85	4.69	2.22	6.33	6.54	2.70	2.62	2.55	2.47	2.40	2.34	2.27	2.21	27.63	19.56
Materials		1.31	1.42	0.70	1.99	2.05	0.85	0.82	0.80	0.78	0.75	0.73	0.71	0.69	7.47	6.15
Wayleaves (inc Easements/Servitudes)		0.01	0.05	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.09	0.04
Road Charges		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-
Total Gross Costs		**9.36**	**6.48**	**3.05**	**8.73**	**9.01**	**3.73**	**3.62**	**3.51**	**3.41**	**3.31**	**3.22**	**3.13**	**3.05**	36.64	26.97
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		**9.36**	**6.48**	**3.05**	**8.73**	**9.01**	**3.73**	**3.62**	**3.51**	**3.41**	**3.31**	**3.22**	**3.13**	**3.05**	**36.64**	26.97

Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total Gross costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total Net costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

ESQCR Sites to be Resolved At End of Reporting Year

ESQCR Sites to be resolved	LV	15,191	12,828	7,694	2,679	2,937	1,674	1,626	1,579	1,533	1,492	1,451	1,413	1,375
ESQCR Sites to be resolved	HV	1,496	1,441	1,164	475	434	73	71	69	67	65	64	63	62
ESQCR Sites to be resolved	EHV	181	118	31	20	20	7	7	7	7	7	7	7	7
ESQCR Sites to be resolved	132kV	-	100	-	-	-	-	-	-	-	-	-	-	-
ESQCR Sites to be resolved	**Total**	**16,868**	**14,487**	**8,889**	**3,174**	**3,391**	**1,754**	**1,704**	**1,655**	**1,607**	**1,564**	**1,522**	**1,483**	**1,444**

CV3: Asset Replacement
SPN
Price base (2012/13)
Additions

Asset	Name	Voltage	Units
Overhead Pole Line	LV Main (OHL) Conductor	LV	km
Overhead Pole Line	LV Service (OHL)	LV	Each
Overhead Pole Line	LV Poles	LV	Each
Cable	LV Main (UG Consac)	LV	km
Cable	LV Main (UG Plastic)	LV	km
Cable	LV Main (UG Paper)	LV	km
Cable	Rising & Lateral Mains	LV	No. of Mains
Cable	LV Service (UG)	LV	Each
Cable	LV Service associated with RLM	LV	Each
Switchgear	LV Circuit Breaker	LV	Each
Switchgear	LV Pillar (ID)	LV	Each
Switchgear	LV Pillar (OD at Substation)	LV	Each
Switchgear	LV Board (WM)	LV	Each
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each
Switchgear	Cut Out (Metered)	LV	Each
Switchgear	LV Board (X-type Network) (WM)	LV	Each
Switchgear	LV Transformers/Regulators	LV	Each
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km
Overhead Pole Line	6.6/11kV Poles	HV	Each
Overhead Pole Line	20kV Poles	HV	Each
Cable	6.6/11kV UG Cable	HV	km
Cable	20kV UG Cable	HV	km
Cable	HV Sub Cable	HV	km
Switchgear	6.6/11kV CB (PM)	HV	Each
Switchgear	6.6/11kV CB (GM) Primary	HV	Each
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each
Switchgear	6.6/11kV Switch (PM)	HV	Each
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each
Switchgear	6.6/11kV Switch (GM)	HV	Each
Switchgear	6.6/11kV RMU	HV	Each
Switchgear	6.6/11kV X-type RMU	HV	Each
Switchgear	20kV CB (PM)	HV	Each
Switchgear	20kV CB (GM) Primary	HV	Each
Switchgear	20kV CB (GM) Secondary	HV	Each
Switchgear	20kV Switch (PM)	HV	Each
Switchgear	20kV Switchgear - Other (PM)	HV	Each
Switchgear	20kV Switch (GM)	HV	Each
Switchgear	20kV RMU	HV	Each
Transformer	6.6/11kV Transformer (PM)	HV	Each
Transformer	6.6/11kV Transformer (GM)	HV	Each
Transformer	20kV Transformer (PM)	HV	Each
Transformer	20kV Transformer (GM)	HV	Each
Protection	Batteries at GM HV Substations	HV	Each
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km
Overhead Pole Line	33kV Pole	EHV	Each
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km
Overhead Pole Line	66kV Pole	EHV	Each
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km
Overhead Tower Line	33kV Tower	EHV	Each
Overhead Tower Line	33kV Fittings	EHV	
Overhead Tower Line	66kV OHL Conductor	EHV	km
Overhead Tower Line	66kV Tower	EHV	Each
Overhead Tower Line	66kV Fittings	EHV	
Cable	33kV UG Cable (Non Pressurised)	EHV	km
Cable	33kV UG Cable (Oil)	EHV	km
Cable	33kV UG Cable (Gas)	EHV	km
Cable	66kV UG Cable (Non Pressurised)	EHV	km
Cable	66kV UG Cable (Oil)	EHV	km
Cable	66kV UG Cable (Gas)	EHV	km
Cable	EHV Sub Cable	EHV	km
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each
Switchgear	33kV Switch (GM)	EHV	Each
Switchgear	33kV Switchgear - Other	EHV	Each
Switchgear	33kV Switch (PM)	EHV	Each
Switchgear	33kV RMU	EHV	Each
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each
Switchgear	66kV Switchgear - Other	EHV	Each
Transformer	33kV Transformer (PM)	EHV	Each
Transformer	33kV Transformer (GM)	EHV	Each
Transformer	66kV Transformer	EHV	Each
Protection	Batteries at 33kV Substations	EHV	Each
Protection	Batteries at 66kV Substations	EHV	Each
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km
Overhead Pole Line	132kV Pole	132kV	Each
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km
Overhead Tower Line	132kV Tower	132kV	Each
Overhead Tower Line	132kV Fittings	132kV	Each
Cable	132kV UG Cable (Non Pressurised)	132kV	km
Cable	132kV UG Cable (Oil)	132kV	km
Cable	132kV UG Cable (Gas)	132kV	km
Cable	132kV Sub Cable	132kV	km
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each
Switchgear	132kV Switchgear - Other	132kV	Each
Transformer	132kV Transformer	132kV	Each
Protection	Batteries at 132kV Substations	132kV	Each
Protection	Pilot Wire Overhead	Other	km
Protection	Pilot Wire Underground	Other	km
Civil Works	Cable Tunnel (DNO owned)	Other	Each
Civil Works	Cable Bridge (DNO owned)	Other	Each
Electrical Energy Storage		Other	Each
Total			

Volumes

Asset	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
	DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Overhead Pole Line		-	-	3	1	12	100	100	100	100	100	100	100	100	**16**	**800**
Overhead Pole Line		234	468	351	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	**3,653**	**10,400**
Overhead Pole Line		1,197	1,081	1,204	1,500	1,000	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	**5,982**	**8,888**
Cable		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable		3	9	10	3	3	4	4	4	4	4	4	4	4	**28**	**32**
Cable		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable																
Cable		344	324	137	475	520	520	520	520	495	450	450	450	450	**1,800**	**3,855**
Cable																
Switchgear		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear		8	7	5	3	3	30	30	30	30	30	30	30	30	**26**	**240**
Switchgear		34	20	43	12	12	129	129	129	129	129	129	129	129	**121**	**1,032**
Switchgear		1	1	-	20	20	27	27	27	27	27	27	27	27	**42**	**216**
Switchgear		214	211	281	462	362	485	485	485	485	485	485	485	485	**1,530**	**3,880**
Switchgear		2,354	5,088	5,775	3,454	3,454	2,591	1,727	864	864	864	1,782	1,057	1,057	**20,125**	**10,806**
Switchgear		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear		-	1	-	-	-	-	-	-	-	-	-	-	-	**1**	**-**
Overhead Pole Line		1	-	-	69	69	70	70	70	70	70	70	70	70	**138**	**558**
Overhead Pole Line		-	47	15	-	-	69	69	69	69	69	69	69	69	**62**	**550**
Overhead Pole Line		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line		231	509	480	731	700	545	545	545	545	545	545	545	545	**2,651**	**4,360**
Overhead Pole Line		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable		12	6	20	4	4	29	29	29	29	29	29	29	29	**46**	**232**
Cable		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear		2	6	1	5	4	3	3	3	3	3	3	3	3	**18**	**24**
Switchgear		24	38	43	3	8	22	54	41	40	37	55	23	28	**116**	**300**
Switchgear		78	46	26	76	76	30	30	30	30	30	30	30	30	**302**	**240**
Switchgear		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear		103	52	5	45	34	15	15	15	15	15	15	15	15	**239**	**120**
Switchgear		65	39	22	48	48	35	35	35	35	35	35	35	35	**222**	**280**
Switchgear		405	224	203	282	282	295	295	295	299	295	295	295	295	**1,396**	**2,364**
Switchgear		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-

Check - Total net costs to C1 Cost Matrix

																OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Disposals				Volumes																
				2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
Asset	Name	Voltage	Units	DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor	LV	km		-	-	2	1	12	100	100	100	100	100	100	100	100	15	800
Overhead Pole Line	LV Service (OHL)	LV	Each		275	468	351	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	3,694	10,400
Overhead Pole Line	LV Poles	LV	Each		1,188	1,049	1,235	1,500	1,000	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	5,972	8,888
Cable	LV Main (UG Consac)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	LV Main (UG Plastic)	LV	km		1	-	0	2	2	3	3	3	3	3	3	3	3	6	23
Cable	LV Main (UG Paper)	LV	km		-	9	1	1	1	1	1	1	1	1	1	1	1	12	9
Cable	Rising & Lateral Mains	LV	No. of Mains		-	-	10	72	112	112	112	112	112	112	112	112	112	194	896
Cable	LV Service (UG)	LV	Each		385	89	137	475	520	520	520	520	495	450	450	450	450	1,606	3,855
Cable	LV Service associated with RLM	LV	Each		-	-	299	701	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	2,112	8,896
Switchgear	LV Circuit Breaker	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	LV Pillar (ID)	LV	Each		1	-	1	3	3	30	30	30	30	30	30	30	30	8	240
Switchgear	LV Pillar (OD at Substation)	LV	Each		6	9	35	12	12	129	129	129	129	129	129	129	129	74	1,032
Switchgear	LV Board (WM)	LV	Each		2	6	-	20	20	27	27	27	27	27	27	27	27	48	216
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each		148	211	281	462	362	485	485	485	485	485	485	485	485	1,464	3,880
Switchgear	Cut Out (Metered)	LV	Each		2,354	5,088	5,775	3,454	3,454	2,591	1,727	864	864	864	1,782	1,057	1,057	20,125	10,806
Switchgear	LV Board (X-type Network) (WM)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	LV Transformers/Regulators	LV	Each		-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km		1	53	7	69	69	163	163	163	163	163	163	163	163	199	1,308
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km		-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	6.6/11kV Poles	HV	Each		231	507	516	731	700	545	545	545	545	545	545	545	545	2,685	4,360
Overhead Pole Line	20kV Poles	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	6.6/11kV UG Cable	HV	km		12	8	16	15	15	4	4	4	4	4	4	4	4	66	32
Cable	20kV UG Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	HV Sub Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	6.6/11kV CB (PM)	HV	Each		2	5	-	5	4	3	3	3	3	3	3	3	3	16	24
Switchgear	6.6/11kV CB (GM) Primary	HV	Each		2	14	58	1	12	22	54	41	33	37	55	23	28	87	293
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each		57	36	14	21	21	32	32	33	32	32	33	32	32	149	258
Switchgear	6.6/11kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each		105	69	6	45	34	15	15	15	15	15	15	15	15	259	120
Switchgear	6.6/11kV Switch (GM)	HV	Each		911	613	599	935	935	654	655	654	654	655	654	654	654	3,993	5,234
Switchgear	6.6/11kV RMU	HV	Each		114	24	14	10	9	92	92	92	92	92	92	92	92	171	734
Switchgear	6.6/11kV X-type RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	20kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	20kV CB (GM) Primary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	20kV CB (GM) Secondary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	20kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	20kV Switchgear - Other (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	20kV Switch (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	20kV RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transformer	6.6/11kV Transformer (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transformer	6.6/11kV Transformer (GM)	HV	Each		62	45	88	96	95	94	94	94	94	94	94	94	94	386	752
Transformer	20kV Transformer (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transformer	20kV Transformer (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Protection	Batteries at GM HV Substations	HV	Each		62	26	-	1,012	776	220	229	225	241	214	229	218	226	1,876	1,802
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km		-	-	-	0	-	-	72	-	13	6	10	29	9	0	139
Overhead Pole Line	33kV Pole	EHV	Each		156	42	33	60	45	109	109	109	109	109	109	109	109	336	872
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	66kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km		-	-	-	-	1	1	1	1	1	1	1	1	1	1	8
Overhead Tower Line	33kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	33kV Fittings	EHV			79	-	-	-	-	-	-	-	-	-	-	-	-	79	-
Overhead Tower Line	66kV OHL Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	66kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	66kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	33kV UG Cable (Non Pressurised)	EHV	km		-	-	0	-	0	1	1	1	1	1	1	1	1	0	8
Cable	33kV UG Cable (Oil)	EHV	km		-	-	5	-	6	5	4	-	-	-	4	2	9	11	23
Cable	33kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	7	-	7
Cable	66kV UG Cable (Non Pressurised)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	66kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	66kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	EHV Sub Cable	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		23	34	9	-	-	-	-	17	-	-	-	-	-	66	17
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	33kV Switch (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	33kV Switchgear - Other	EHV	Each		1	-	4	10	10	10	10	10	11	10	10	10	10	25	81
Switchgear	33kV Switch (PM)	EHV	Each		-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Switchgear	33kV RMU	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	66kV Switchgear - Other	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transformer	33kV Transformer (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transformer	33kV Transformer (GM)	EHV	Each		9	6	2	3	2	2	2	6	7	5	2	8	5	22	37
Transformer	66kV Transformer	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Protection	Batteries at 33kV Substations	EHV	Each		18	-	5	35	38	37	68	57	54	45	59	89	85	96	494
Protection	Batteries at 66kV Substations	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	132kV Pole	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km		40	-	8	2	5	21	8	76	24	34	58	18	27	55	268
Overhead Tower Line	132kV Tower	132kV	Each		-	-	2	10	1	2	2	2	2	2	2	2	2	13	16
Overhead Tower Line	132kV Fittings	132kV	Each		-	64	32	-	83	222	5	284	70	229	212	52	88	179	1,162
Cable	132kV UG Cable (Non Pressurised)	132kV	km		-	-	0	-	-	0	0	0	0	0	0	0	0	0	2
Cable	132kV UG Cable (Oil)	132kV	km		-	-	2	-	3	-	-	8	-	-	-	-	3	5	11
Cable	132kV UG Cable (Gas)	132kV	km		13	11	9	9	10	-	-	-	-	-	-	1	10	52	11
Cable	132kV Sub Cable	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each		2	-	3	-	-	-	3	9	-	-	14	-	-	5	26
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	132kV Switchgear - Other	132kV	Each		2	2	7	15	-	2	11	2	18	2	22	2	2	26	61
Transformer	132kV Transformer	132kV	Each		2	3	4	2	1	1	-	-	5	2	1	-	1	12	10
Protection	Batteries at 132kV Substations	132kV	Each		13	4	1	7	6	10	28	9	5	10	20	24	26	31	132
Protection	Pilot Wire Overhead	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Protection	Pilot Wire Underground	Other	km		-	-	-	-	-	1	1	1	1	1	1	1	1	-	11
Civils	Cable Tunnel (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Civils	Cable Bridge (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical Energy Storage		Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual Unit Cost													
DPCR4	DPCR5					RIIO-ED1							
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	Err	Err	Err	13.6	13.6	13.4	13.2	13.0	12.9	12.7	12.6	12.5	12.3
	2.7	0.9	1.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
	1.0	1.3	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	169.7	0.1	115.7	104.0	104.0	102.5	101.0	99.5	98.6	97.6	96.7	95.5	94.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.4	6.7	10.5	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.5	1.3	9.6	6.8	6.8	6.7	6.6	6.5	6.4	6.3	6.3	6.2	6.1
	25.2	8.4	3.1	6.8	6.8	6.7	6.6	6.5	6.4	6.3	6.3	6.2	6.1
	Err	Err	0.0	10.6	10.6	10.4	10.3	10.1	10.0	9.9	9.8	9.7	9.6
	5.9	6.0	10.2	4.3	4.3	4.8	4.7	4.6	4.6	4.5	4.5	4.4	4.4
	1.1	0.6	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-210.8	0.0	0.0	49.8	49.8	23.5	23.2	22.8	22.6	22.4	22.2	21.9	21.6
	Err	66.8	87.3	0.0	0.0	35.2	34.7	34.2	33.8	33.5	33.2	32.8	32.3
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.7	0.6	3.3	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	44.7	78.9	145.5	112.5	161.4	81.3	93.4	85.4	86.2	84.9	80.5	74.2	73.8
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	33.6	1.6	Err	8.7	8.7	8.5	8.4	8.3	8.2	8.1	8.1	8.0	7.9
	92.4	25.8	9.4	36.7	33.2	34.2	29.8	33.4	21.9	35.8	18.3	14.2	11.4
	2.0	4.6	4.7	12.3	11.8	11.1	10.9	10.7	10.6	10.5	10.4	10.3	10.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.6	4.8	4.3	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3
	20.6	15.9	24.5	7.4	7.4	6.7	6.6	6.5	6.4	6.4	6.3	6.2	6.1
	12.0	10.6	13.2	13.7	13.8	14.0	14.1	13.7	13.3	13.6	13.3	12.9	12.8
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.5	10.0	14.9	14.4	14.5	13.4	13.4	13.4	13.8	13.2	12.8	12.7	12.3
	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.7	1.6	0.0	0.3	0.4	1.7	1.9	2.0	2.1	1.6	1.8	1.9	2.3
	Err	6.6	0.0	2034.1	Err	Err	21.6	Err	25.0	43.4	41.1	24.5	18.6
	0.1	2.5	2.8	2.1	2.1	2.5	2.9	2.1	2.2	2.1	2.2	2.3	2.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Err	Err	0.0	Err	38.2	37.7	37.1	36.6	36.2	35.9	35.5	35.1	34.6
	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.8	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Err	Err	Err	Err	36.4	195.1	187.7	452.8	369.0	726.3	348.7	645.4	188.7
	Err	Err	Err	0.0	Err	Err	Err	Err	Err	Err	Err	Err	Err
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Err	Err	Err	Err
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	22.5	0.0	0.0	0.0	0.0	0.0	Err	Err	0.0	0.0	0.0	0.0	Err
	0.0	0.0	0.0	Err	Err	0.0	0.0	Err	Err	Err	Err	Err	Err
	Err	94.2	60.1	0.0	0.0	0.0	Err	32.5	0.0	0.0	0.0	0.0	Err
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Err	Err	12.2	3.5	3.5	3.5	3.5	3.4	3.1	3.4	3.3	3.3	3.2
	0.0	Err	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	238.5	345.0	181.7	274.0	563.7	356.4	635.5	277.2	417.2	332.8	587.4	280.0	283.9
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Err	2.5	3.2	5.6	5.1	5.6	4.2	4.6	4.3	4.5	4.7	5.0	5.3
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.6	Err	68.8	195.4	177.3	35.7	142.7	32.3	54.2	52.7	32.1	46.5	33.1
	0.0	Err	13.0	8.0	130.3	128.5	126.6	124.7	123.5	122.3	121.2	119.6	118.0
	Err	19.1	10.8	4.2	4.7	3.3	10.7	3.1	18.2	5.7	1.9	2.9	1.8
	500.4	261.9	Err	144.2	74.3	6880.7	23447.5	535.2	2206.2	3166.9	4635.8	959.9	465.0
	0.0	0.0	0.0	Err	Err	Err	Err	Err	Err	Err	Err	Err	Err
	Err	Err	Err	Err	Err	0.0	0.0	0.0	0.0	Err	Err	Err	Err
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Err	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6.0	Err	Err	Err	Err	Err	103.9	Err	Err	Err	84.1	Err	Err
	Err	Err	111.4	Err	Err	Err	Err	Err	216.3	Err	224.1	0.0	0.0
	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6.7	0.1	3.7	19.8	14.8	54.8	28.7	39.3	64.7	28.5	24.6	23.8	24.6
	577.9	842.6	950.0	386.3	1763.7	Err	0.0	Err	897.8	1425.5	708.4	Err	961.4
	0.0	Err	2.6	10.3	10.3	10.2	10.0	9.9	9.9	9.7	9.6	9.5	9.4
	0.0	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Err	Err	Err	64.6	64.6	63.7	63.8	64.6	61.2	60.6	60.1	59.3	59.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Multi-Year Average Unit Cost											Price Control Unit Costs	
2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1	DPCR5	RIIO-ED1
2011-2012	2011-2013	2011-2014	2011-2015	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023	2011-2015	2016-2024
£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
#DIV/0!	25.3	22.1	15.5	13.3	13.2	13.1	13.0	13.0	12.9	12.8	15.5	12.8
1.5	1.4	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	0.8
1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
			0.0							0.0	0.0	0.0
42.5	75.7	78.7	81.5	101.8	101.0	100.4	99.9	99.3	98.8	98.2	81.5	98.2
			0.0							0.0	0.0	0.0
7.1	7.7	5.2	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	1.0
			0.0							0.0	0.0	0.0
1.4	3.5	3.9	4.2	6.6	6.6	6.5	6.5	6.5	6.4	6.4	4.2	6.4
19.0	11.9	11.4	10.9	6.6	6.6	6.5	6.5	6.5	6.4	6.4	10.9	6.4
		9.6	10.1	10.4	10.3	10.2	10.2	10.1	10.1	10.0	10.1	10.0
5.9	7.6	6.3	5.8	4.7	4.7	4.7	4.6	4.6	4.6	4.6	5.8	4.6
0.8	0.6	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.5	0.2
			0.0							0.0	0.0	0.0
			Err							0.0	Err	0.0
-210.8	-210.8	46.0	47.9	23.3	23.2	23.0	22.9	22.8	22.7	22.5	47.9	22.5
70.0	74.1	74.1	74.1	34.9	34.7	34.5	34.3	34.1	33.9	33.7	74.1	33.7
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
1.3	2.1	1.9	1.9	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.9	1.6
			0.0							0.0	0.0	0.0
56.1	102.9	103.9	108.9	87.4	86.7	86.6	86.2	85.3	83.7	82.5	108.9	82.5
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
9.6	8.6	8.6	8.6	8.5	8.4	8.4	8.3	8.3	8.2	8.2	8.6	8.2
51.6	34.3		34.3	31.1	31.9	29.3	30.6	27.9	26.7	25.3	34.3	25.3
3.0	3.3	6.3	7.7	11.0	10.9	10.8	10.8	10.7	10.7	10.6	7.7	10.6
			0.0							0.0	0.0	0.0
0.0	0.1	1.1	1.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	1.6	2.4
18.8			14.4	6.6	6.6	6.6	6.5	6.5	6.4	6.4	14.4	6.4
			12.7	14.0	13.9	13.8	13.7	13.6	13.5	13.4	12.7	13.4
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
14.4	14.6	14.6	14.6	13.4	13.4	13.5	13.4	13.3	13.2	13.1	14.6	13.1
#DIV/0!	#DIV/0!	#DIV/0!	Err							0.0	Err	0.0
			0.0							0.0	0.0	0.0
2.6	2.6	0.7	0.6	1.8	1.9	1.9	1.9	1.8	1.9	1.9	0.6	1.9
2.8	2.8	8.8	13.4	31.5	33.4	32.2	32.9	33.7	31.7	30.8	13.4	30.8
0.6	0.9	1.2	1.3	2.7	2.5	2.4	2.4	2.3	2.3	2.3	1.3	2.3
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
#DIV/0!	#DIV/0!	#DIV/0!	146.9	37.4	37.1	36.9	36.7	36.5	36.3	36.1	146.9	36.1
#DIV/0!	#DIV/0!	#DIV/0!	Err							0.0	Err	0.0
4.2	4.2	4.2	4.2							0.0	4.2	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
#DIV/0!	#DIV/0!	#DIV/0!	478.1	191.7	213.5	225.5	261.2	282.5	328.7	266.9	478.1	266.9
#DIV/0!	#DIV/0!	#DIV/0!	Err	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Err	Err	Err
			0.0				#DIV/0!	#DIV/0!	#DIV/0!	Err	0.0	Err
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
22.5	22.5	22.5	22.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Err	22.5	Err
		#DIV/0!	Err		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Err	Err	Err
157.3	103.8	103.8	103.8	#DIV/0!	44.5	44.5	44.5	44.5	44.5	49.1	103.8	49.1
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
0.1	10.2	6.0	5.1	3.5	3.5	3.4	3.4	3.4	3.3	3.3	5.1	3.3
#DIV/0!	7.2	7.2	7.2							0.0	7.2	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
287.6	273.5	273.5	304.1	495.9	364.7	386.3	374.2	391.9	364.0	353.1	304.1	353.1
			0.0							0.0	0.0	0.0
7.5	7.5	6.9	6.4	4.7	4.7	4.6	4.6	4.6	4.7	4.8	6.4	4.8
			0.0							0.0	0.0	0.0
#DIV/0!	#DIV/0!	#DIV/0!	Err							0.0	Err	0.0
			0.0							0.0	0.0	0.0
5.0	15.6	22.8	36.9	65.6	41.6	43.9	45.8	42.2	42.5	41.6	36.9	41.6
#DIV/0!	20.6	10.1	19.3	127.5	126.6	125.8	125.1	124.4	123.8	123.0	19.3	123.0
19.1	16.3	12.3	9.5	4.1	3.6	5.4	5.5	4.8	4.7	4.5	9.5	4.5
391.1	390.5	281.7	233.5	15164.1	1363.5	1386.7	1434.4	1518.7	1463.0	1256.0	233.5	1256.0
		#DIV/0!	Err	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Err	Err	Err
#DIV/0!	#DIV/0!	#DIV/0!	Err				#DIV/0!	#DIV/0!	#DIV/0!	Err	Err	Err
			0.0							0.0	0.0	0.0
#DIV/0!	#DIV/0!	#DIV/0!	Err							0.0	Err	0.0
27.7	32.6	60.4	71.5	138.2	155.4	195.7	269.6	163.6	163.7	165.9	71.5	165.9
#DIV/0!	1259.3	1274.3	1285.0	#DIV/0!	#DIV/0!	685.8	937.1	561.8	561.8	561.8	1285.0	561.8
#DIV/0!	#DIV/0!	#DIV/0!	Err							0.0	Err	0.0
6.4	5.0	8.6	8.9	34.0	34.9	40.8	36.5	32.7	32.2	31.6	8.9	31.6
754.4	803.3	719.9	814.8	#DIV/0!	#DIV/0!	1030.8	1143.6	1089.2	1095.9	1081.0	814.8	1081.0
	0.4	2.8	4.0	10.1	10.0	10.0	10.0	9.9	9.8	9.7	4.0	9.7
#DIV/0!	26.5	26.5	26.5							0.0	26.5	0.0
#DIV/0!	#DIV/0!	178.8	111.6	63.7	64.0	63.3	62.8	62.3	61.8	61.5	111.6	61.5
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0
			0.0							0.0	0.0	0.0

CV4: Asset register - Asset replacement (memo)
SPN
Price base (2012/13)

Additions

Asset	Name	Voltage	Units
Transformer	33kV Transformer (GM) (33/11 or 6kV, >20MVA CMR eq.)	EHV	Each
Transformer	33kV Transformer (GM) (33/11 or 6kV, <20MVA CMR eq.)	EHV	Each
Transformer	33kV Transformer (GM) (33/20kV, >20MVA CMR eq.)	EHV	Each
Transformer	33kV Transformer (GM) (33/20kV, <20MVA CMR eq.)	EHV	Each
Transformer	66kV Transformer (GM) (66/11 or 6kV, >20MVA CMR eq.)	EHV	Each
Transformer	66kV Transformer (GM) (66/11 or 6kV, <20MVA CMR eq.)	EHV	Each
Transformer	66kV Transformer (GM) (66/20kV, >20MVA CMR eq.)	EHV	Each
Transformer	66kV Transformer (GM) (66/20kV, <20MVA CMR eq.)	EHV	Each
Transformer	66kV Transformer (GM) (66/33kV)	EHV	Each
Total			**Total**
Transformer	132kV Transformer (GM) (132/66kV, 30 - 60MVA)	132kV	Each
Transformer	132kV Transformer (GM) (132/66kV, >60MVA)	132kV	Each
Transformer	132kV Transformer (GM) (132/33kV, <30MVA)	132kV	Each
Transformer	132kV Transformer (GM) (132/33kV, 30 - 60MVA)	132kV	Each
Transformer	132kV Transformer (GM) (132/33kV, >60MVA)	132kV	Each
Transformer	132kV Transformer (GM) (132/11/11kV)	132kV	Each
Transformer	132kV Transformer (GM) (132/11kV, <15MVA)	132kV	Each
Transformer	132kV Transformer (GM) (132/11kV, >15MVA)	132kV	Each
Transformer	132kV Transformer (GM) (132/20kV)	132kV	Each
Total			**Total**
Cable	33kV UG Cable (Non Pressurised)	EHV	single cct km
Cable	33kV UG Cable (Non Pressurised)	EHV	multiple cct km
Cable	66kV UG Cable (Non Pressurised)	EHV	single cct km
Cable	66kV UG Cable (Non Pressurised)	EHV	multiple cct km
Total			**Total**
Cable	132kV UG Cable (Non Pressurised)	132kV	single cct km
Cable	132kV UG Cable (Non Pressurised)	132kV	multiple cct km
Total			**Total**
Transformer	6.6/11kV Transformer (PM) (6.6/11kV)	HV	Each
Transformer	20kV Transformer (PM) (20 kV)	HV	Each
Transformer	HV Regulator (PM) (20/20kV or 11/11kV)	HV	Each
Transformer	6.6/11kV Transformer (GM) (11kV/LV or 6.6kV/LV, <500kVA)	HV	Each
Transformer	6.6/11kV Transformer (GM) (11kV/LV or 6.6kV/LV, ≥500kVA and <	HV	Each
Transformer	6.6/11kV Transformer (GM) (11kV/LV or 6.6kV/LV, ≥750kVA)	HV	Each
Transformer	20kV Transformer (GM) (20kV)	HV	Each
Transformer	HV Regulator (GM) (20/20kV or 11/11kV)	HV	Each
		Total	**Total**
Switchgear	6.6/11kV CB (GM) Primary Single Busbar	HV	Each
Switchgear	6.6/11kV CB (GM) Primary Double Busbar	HV	Each
Switchgear	20kV CB (GM) Primary Single Busbar	HV	Each
Switchgear	20kV CB (GM) Primary Double Busbar	HV	Each
		Total	**Total**
Switchgear	33kV CB (Gas Insulated Busbars)(ID) Single Busbar	EHV	Each
Switchgear	33kV CB (Gas Insulated Busbars)(OD) Single Busbar	EHV	Each
Switchgear	33kV CB (Gas Insulated Busbars)(ID) Double Busbar	EHV	Each
Switchgear	33kV CB (Gas Insulated Busbars)(OD) Double Busbar	EHV	Each
Switchgear	66kV CB (Gas Insulated Busbars)(ID) Single Busbar	EHV	Each
Switchgear	66kV CB (Gas Insulated Busbars)(OD) Single Busbar	EHV	Each
Switchgear	66kV CB (Gas Insulated Busbars)(ID) Double Busbar	EHV	Each
Switchgear	66kV CB (Gas Insulated Busbars)(OD) Double Busbar	EHV	Each
Total			

Volumes

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
	2	1	1	-	-	-	1	5	6	2	2	6	2	**4**	**25**
	5	5	1	2	2	1	1	1	1	3	-	2	3	**15**	**12**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	7	**6**	**2**	**2**	**2**	**2**	**2**	**6**	**7**	**5**	**2**	**8**	**5**	**19**	**37**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	**1**	-	-	-	-	-	-	-	-	-	**1**	**-**
	2	**1**	**2**	-	-	-	-	-	**2**	**2**	-	-	**1**	**5**	**6**
	-	**2**	-	-	-	-	-	-	**1**	-	-	-	-	**2**	**1**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**1**	-	**1**	**1**	-	-	-	**2**	-	-	-	-	**3**	**2**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	2	**4**	**2**	**2**	**1**	**-**	**-**	**-**	**5**	**2**	**1**	**-**	**1**	**11**	**9**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	**6**	**6**	**5**	**1**	**1**	**1**	**5**	**3**	**17**	**6**	**38**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**-**	**-**	**-**	**6**	**6**	**5**	**1**	**1**	**1**	**5**	**3**	**17**	**6**	**38**
	13	11	-	-	-	-	-	-	-	-	-	1	-	**24**	**1**
	-	-	-	19	13	0	0	8	0	0	0	0	3	**32**	**12**
	13	**11**	**-**	**19**	**13**	**0**	**0**	**8**	**0**	**0**	**0**	**1**	**3**	**56**	**13**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
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	17	14	48	38	38	37	37	37	37	37	37	37	37	**155**	**296**
	26	20	35	41	40	40	40	40	40	40	40	40	40	**162**	**320**
	16	8	8	17	17	17	17	17	17	17	17	17	17	**66**	**136**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	59	**42**	**91**	**96**	**95**	**94**	**94**	**94**	**94**	**94**	**94**	**94**	**94**	**383**	**752**
	24	38	43	3	8	22	42	41	40	37	23	23	28	**116**	**256**
	-	-	-	-	-	-	12	-	-	-	32	-	-	**-**	**44**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	24	**38**	**43**	**3**	**8**	**22**	**54**	**41**	**40**	**37**	**55**	**23**	**28**	**116**	**300**
	-	9	11	-	-	-	-	-	-	-	-	-	-	**20**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	17	-	-	-	-	-	-	**-**	**17**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	-	**9**	**11**	**-**	**-**	**-**	**17**	**-**	**-**	**-**	**-**	**-**	**-**	**20**	**17**

Total Direct Costs

DPCR4	DPCR5					RIIO-ED1								Total	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
-	0.48	0.34	0.15	-	-	0.36	0.63	1.18	1.80	2.80	0.66	1.17	1.54	**0.97**	**9.03**
-	1.19	1.72	0.22	0.55	1.13	0.36	0.64	0.29	0.43	1.00	-	-	0.70	**0.63**	**4.81**
-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-

CV5: Refurbishment
SPN
Price base (2012/13)

Asset category	Activity	Voltage	Units
LV Poles	Refurbishment - Poles	LV	#
LV Circuit Breaker	Refurbishment - Switchgear	LV	#
LV Pillar (ID)	Refurbishment - Switchgear	LV	#
LV Pillar (OD at Substation)	Refurbishment - Switchgear	LV	#
LV Board (WM)	Refurbishment - Switchgear	LV	#
LV UGB & LV Pillars (OD not at Substation)	Refurbishment - Switchgear	LV	#
Cut Out (Metered)	Refurbishment - Switchgear	LV	#
LV Board (X-type Network) (WM)	Refurbishment - Switchgear	LV	#
LV Transformers/Regulators	Refurbishment - Switchgear	LV	#
	LV Underground service transfers	LV	#
6.6/11 kV Poles	Refurbishment - Poles	HV	#
20 kV Poles	Refurbishment - Poles	HV	#
HV Transformer (GM)	Refurbishment - Transformer	HV	#
6.6/11kV CB (GM) Primary	Refurbishment - Switchgear	HV	#
6.6/11kV CB (GM) Secondary	Refurbishment - Switchgear	HV	#
6.6/11kV Switch (GM)	Refurbishment - Switchgear	HV	#
6.6/11kV RMU	Refurbishment - Switchgear	HV	#
6.6/11kV X-type RMU	Refurbishment - Switchgear	HV	#
20kV CB (GM) Primary	Refurbishment - Switchgear	HV	#
20kV CB (GM) Secondary	Refurbishment - Switchgear	HV	#
20kV Switchgear (Ex CBs)	Refurbishment - Switchgear	HV	#
	Refurbishment - Protection	HV	#
33kV Pole	Refurbishment - Poles	EHV	#
33kV Tower	Refurbishment - Tower	EHV	#
33kV Tower	Refurbishment - Tower painting	EHV	#
33kV Tower	Refurbishment - Tower Foundation	EHV	#
33kV Transformer (GM)	Refurbishment - Transformer	EHV	#
33kV CB (GM)	Refurbishment - Switchgear	EHV	#
33kV UG Cable (Non Pressurised)	Refurbishment - Underground Cable	EHV	terminations
33kV UG Cable (Oil)	Refurbishment - Underground Cable	EHV	terminations
33kV UG Cable (Gas)	Refurbishment - Underground Cable	EHV	terminations
	Refurbishment - 33kV Protection	EHV	#
66kV Pole	Refurbishment - Poles	EHV	#
66kV Tower	Refurbishment - Tower	EHV	#
66kV Tower	Refurbishment - Tower painting	EHV	#
66kV Tower	Refurbishment - Tower Foundation	EHV	#
66kV Transformer	Refurbishment - Transformer	EHV	#
66kV CB (GM)	Refurbishment - Switchgear	EHV	#
66kV UG Cable (Non Pressurised)	Refurbishment - Underground Cable	EHV	terminations
66kV UG Cable (Oil)	Refurbishment - Underground Cable	EHV	terminations
66kV UG Cable (Gas)	Refurbishment - Underground Cable	EHV	terminations
	Refurbishment - 66kV Protection	EHV	#
132kV Pole	Refurbishment - Poles	132kV	#
132kV Tower	Refurbishment - Tower	132kV	#
132kV Tower	Refurbishment - Tower painting	132kV	#
132kV Tower	Refurbishment - Tower Foundation	132kV	#
132kV Transformer	Refurbishment - Transformer	132kV	#
132kV CB (GM)	Refurbishment - Switchgear	132kV	#
132kV UG Cable (Non Pressurised)	Refurbishment - Underground Cable	132kV	terminations
132kV UG Cable (Oil)	Refurbishment - Underground Cable	132kV	terminations
132kV UG Cable (Gas)	Refurbishment - Underground Cable	132kV	terminations
	Refurbishment - Protection	132kV	#
Total			

Volumes

Asset category	2010 DPCR4	2011 DPCR5	2012 DPCR5	2013 DPCR5	2014 RIIO-ED1	2015 RIIO-ED1	2016 RIIO-ED1	2017 RIIO-ED1	2018 RIIO-ED1	2019 RIIO-ED1	2020 RIIO-ED1	2021 RIIO-ED1	2022 RIIO-ED1	2023 RIIO-ED1	Total DPCR5	Total RIIO-ED1
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
LV Poles				-	1,000	1,000	875	344	344	344	344	344	344	344	**2,000**	**3,283**
LV Circuit Breaker				-				-				-			**-**	**-**
LV Pillar (ID)				-				-				-			**-**	**-**
LV Pillar (OD at Substation)				-				-				-			**-**	**-**
LV Board (WM)				-				-				-			**-**	**-**
LV UGB & LV Pillars (OD not at Substation)				-				-				-			**-**	**-**
Cut Out (Metered)				-				-				-			**-**	**-**
LV Board (X-type Network) (WM)				-				-				-			**-**	**-**
LV Transformers/Regulators				-				-				-			**-**	**-**
				-				-				-			**-**	**-**
6.6/11 kV Poles			277	-	1,061	1,061	875	344	344	344	344	344	344	344	**2,399**	**3,283**
20 kV Poles				-				-				-			**-**	**-**
HV Transformer (GM)				-				-				-			**-**	**-**
6.6/11kV CB (GM) Primary				-	18	10	-	5	25	20	21	79	101	43	**28**	**294**
6.6/11kV CB (GM) Secondary				-	4		-	-				-			**4**	**-**
6.6/11kV Switch (GM)				-				-				-			**-**	**-**
6.6/11kV RMU				-				-				-			**-**	**-**
6.6/11kV X-type RMU				-				-				-			**-**	**-**
20kV CB (GM) Primary				-				-				-			**-**	**-**
20kV CB (GM) Secondary				-				-				-			**-**	**-**
20kV Switchgear (Ex CBs)				-				-				-			**-**	**-**
				-				-				-			**-**	**-**
33kV Pole		21	11	-	333	335	340	340	340	340	340	340	340	340	**700**	**2,720**
33kV Tower		110		-	120	120	30	30	30	30	30	30	30	30	**350**	**240**
33kV Tower				-				-				-			**-**	**-**
33kV Tower		31		-				-				-			**31**	**-**
33kV Transformer (GM)				-			3	2	5	2	4	4	6	5	**-**	**31**
33kV CB (GM)				-				-		5			3		**-**	**8**
33kV UG Cable (Non Pressurised)				-				-				-			**-**	**-**
33kV UG Cable (Oil)				-	5			-				-			**5**	**-**
33kV UG Cable (Gas)				-				-				-			**-**	**-**
				-	1	1	5	5	5	5	5	5	5	5	**2**	**40**
66kV Pole				-				-				-			**-**	**-**
66kV Tower				-				-				-			**-**	**-**
66kV Tower				-				-				-			**-**	**-**
66kV Tower				-				-				-			**-**	**-**
66kV Transformer				-				-				-			**-**	**-**
66kV CB (GM)				-				-				-			**-**	**-**
66kV UG Cable (Non Pressurised)				-				-				-			**-**	**-**
66kV UG Cable (Oil)				-				-				-			**-**	**-**
66kV UG Cable (Gas)				-				-				-			**-**	**-**
				-				-				-			**-**	**-**
132kV Pole				-				-				-			**-**	**-**
132kV Tower		633	80	143				-				-			**856**	**-**
132kV Tower		408		72	38	65	87	100	130	130	130	130	130	130	**583**	**967**
132kV Tower		27		26	10			-				-			**63**	**-**
132kV Transformer		1		3	3			-			4	1	2	2	**7**	**9**
132kV CB (GM)				3	7			-				-			**10**	**-**
132kV UG Cable (Non Pressurised)		3		-				-				-			**3**	**-**
132kV UG Cable (Oil)				-				-				-			**-**	**-**
132kV UG Cable (Gas)				-				-				-			**-**	**-**
			3	21	18	19	28	35	39	35	34	34	32	32	**61**	**269**
Total		**1,234**	**371**	**268**	**2,618**	**2,611**	**2,243**	**1,205**	**1,262**	**1,255**	**1,256**	**1,311**	**1,337**	**1,275**	**7,102**	**###**

Total Direct Costs

Asset category	2010 DPCR4	2011 DPCR5	2012 DPCR5	2013 DPCR5	2014 RIIO-ED1	2015 RIIO-ED1	2016 RIIO-ED1	2017 RIIO-ED1	2018 RIIO-ED1	2019 RIIO-ED1	2020 RIIO-ED1	2021 RIIO-ED1	2022 RIIO-ED1	2023 RIIO-ED1	Total DPCR5	Total RIIO-ED1
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
LV Poles		0	0	-	0	0	0	0	0	0	0	0	0	0	**1**	**1**
LV Circuit Breaker				-				-				-			**-**	**-**
LV Pillar (ID)				-				-				-			**-**	**-**
LV Pillar (OD at Substation)				-				-				-			**-**	**-**
LV Board (WM)				-				-				-			**-**	**-**
LV UGB & LV Pillars (OD not at Substation)				-				-				-			**-**	**-**
Cut Out (Metered)				-				-				-			**-**	**-**
LV Board (X-type Network) (WM)				-				-				-			**-**	**-**
LV Transformers/Regulators				-				-				-			**-**	**-**
				-				-				-			**-**	**-**
6.6/11 kV Poles		2	0	0	2	2	0	0	0	0	0	0	0	0	**6**	**1**
20 kV Poles				-				-				-			**-**	**-**
HV Transformer (GM)				-				-				-			**-**	**-**
6.6/11kV CB (GM) Primary				-		1	0	0	0	0	1	1	1	1	**1**	**5**
6.6/11kV CB (GM) Secondary				-		0		-				-			**0**	**-**
6.6/11kV Switch (GM)				-				-				-			**-**	**-**
6.6/11kV RMU				-				-				-			**-**	**-**
6.6/11kV X-type RMU				-				-				-			**-**	**-**
20kV CB (GM) Primary				-				-				-			**-**	**-**
20kV CB (GM) Secondary				-				-				-			**-**	**-**
20kV Switchgear (Ex CBs)				-				-				-			**-**	**-**
				-				-				-			**-**	**-**
33kV Pole		1	0	0	0	0	0	0	0	0	0	0	0	0	**1**	**0**
33kV Tower		0		-	0	0	0	0	0	0	0	0	0	0	**1**	**1**
33kV Tower				-				-				-			**-**	**-**
33kV Tower		0	0	0				-				-			**0**	**-**
33kV Transformer (GM)				-		0	0	0	1	0	1	0	1	0	**0**	**4**
33kV CB (GM)				-				-		0		-	0		**-**	**0**
33kV UG Cable (Non Pressurised)		0	0	0				-				-			**0**	**-**
33kV UG Cable (Oil)		0	0	0	0			-				-			**0**	**-**
33kV UG Cable (Gas)				-				-				-			**-**	**-**
		0		-	0	0	0	0	0	0	0	0	0	0	**1**	**1**
66kV Pole				-				-				-			**-**	**-**
66kV Tower		0		-				-				-			**0**	**-**
66kV Tower				-				-				-			**-**	**-**
66kV Tower		0		-				-				-			**0**	**-**
66kV Transformer				-				-				-			**-**	**-**
66kV CB (GM)				-				-				-			**-**	**-**
66kV UG Cable (Non Pressurised)				-				-				-			**-**	**-**
66kV UG Cable (Oil)				-				-				-			**-**	**-**
66kV UG Cable (Gas)				-				-				-			**-**	**-**
				-				-				-			**-**	**-**
132kV Pole				-				-				-			**-**	**-**
132kV Tower		1	0	1	0			-				-			**2**	**-**
132kV Tower		0		0	0	0	0	0	0	0	0	0	0	0	**1**	**3**
132kV Tower				0	1			-				-			**1**	**-**
132kV Transformer		0	0	0	0			-			1	0	0	0	**1**	**1**
132kV CB (GM)		0		-	0	0		-				-			**1**	**-**
132kV UG Cable (Non Pressurised)		1	0	-				-				-			**1**	**-**
132kV UG Cable (Oil)		0		0				-				-			**0**	**-**
132kV UG Cable (Gas)				-				-				-			**-**	**-**
		0	1	1	1	0	1	1	1	1	1	1	1	1	**3**	**6**
Total		**6.24**	**1.16**	**1.54**	**5.68**	**4.29**	**2.29**	**2.43**	**2.90**	**2.73**	**3.42**	**3.73**	**3.88**	**2.68**	**19**	**24**

2010 DPCR4	2011 DPCR5	2012 DPCR5	2013 DPCR5	2014 RIIO-ED1	2015 RIIO-ED1	2016 RIIO-ED1	2017 RIIO-ED1	2018 RIIO-ED1	2019 RIIO-ED1	2020 RIIO-ED1	2021 RIIO-ED1	2022 RIIO-ED1	2023 RIIO-ED1	DPCR5 £m	RIIO-ED1 £m
	0	0	0	1	0	0	0	0	0	0	0	0	0	1.5	2.4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.4
	5	1	1	4	3	2	2	2	2	3	3	3	2	14.6	18.0
	1	0	0	1	1	0	0	0	0	0	0	1	0	2.4	3.1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.2
		0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	0			-				-				-		0.0	-
	6.1	**1.2**	**1.5**	**5.7**	**4.3**	**2.3**	**2.4**	**2.9**	**2.7**	**3.4**	**3.7**	**3.9**	**2.7**	**18.8**	**24.1**
														-	-
	-0	-0												-0.0	-
	6.1	**1.2**	**1.5**	**5.7**	**4.3**	**2.3**	**2.4**	**2.9**	**2.7**	**3.4**	**3.7**	**3.9**	**2.7**	**18.8**	**24.1**

	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Annual Unit Cost

Asset category	2010 DPCR4	2011 DPCR5	2012 DPCR5	2013 DPCR5	2014 RIIO-ED1	2015 RIIO-ED1	2016 RIIO-ED1	2017 RIIO-ED1	2018 RIIO-ED1	2019 RIIO-ED1	2020 RIIO-ED1	2021 RIIO-ED1	2022 RIIO-ED1	2023 RIIO-ED1
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
LV Poles		Err	Err	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
LV Circuit Breaker		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV Pillar (ID)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV Pillar (OD at Substation)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV Board (WM)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV UGB & LV Pillars (OD not at Substation)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cut Out (Metered)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV Board (X-type Network) (WM)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV Transformers/Regulators		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6/11 kV Poles		Err	0.1	Err	2.2	2.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
20 kV Poles		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HV Transformer (GM)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6/11kV CB (GM) Primary		0.0	0.0	28.4	25.2	Err	47.1	16.1	15.3	33.4	16.0	10.7	13.3	
6.6/11kV CB (GM) Secondary		0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6/11kV Switch (GM)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6/11kV RMU		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6/11kV X-type RMU		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20kV CB (GM) Primary		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20kV CB (GM) Secondary		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20kV Switchgear (Ex CBs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33kV Pole		43.4	2.4	Err	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
33kV Tower		0.3	0.0	0.0	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.4
33kV Tower		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33kV Tower		0.1	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33kV Transformer (GM)		0.0	0.0	0.0	0.0	Err	136.3	232.3	101.3	196.9	132.7	123.1	163.6	84.1
33kV CB (GM)		0.0	0.0	0.0	0.0	0.0	0.0	Err	32.1	0.0	Err	39.8	0.0	
33kV UG Cable (Non Pressurised)		Err	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33kV UG Cable (Oil)		Err	Err	Err	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33kV UG Cable (Gas)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Err	0.0	0.0	41.0	97.0	35.4	35.4	34.8	34.5	34.7	36.1	33.4	26.5
66kV Pole		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66kV Tower		Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66kV Tower		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66kV Tower		Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66kV Transformer		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66kV CB (GM)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66kV UG Cable (Non Pressurised)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66kV UG Cable (Oil)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66kV UG Cable (Gas)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132kV Pole		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132kV Tower		1.7	1.4	4.3	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132kV Tower		1.1	0.0	0.0	3.5	3.4	3.0	3.1	3.4	3.3	3.3	3.3	3.2	3.2
132kV Tower		Err	0.0	4.0	63.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132kV Transformer		325.4	Err	4.8	74.2	0.0	0.0	0.0	0.0	Err	126.6	258.8	92.4	113.8
132kV CB (GM)		Err	0.0	Err	41.6	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132kV UG Cable (Non Pressurised)		217.2	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132kV UG Cable (Oil)		0.0	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132kV UG Cable (Gas)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Err	236.4	35.4	33.9	20.3	25.8	25.2	23.4	22.8	21.4	21.2	18.1	17.9

Multi-Year Average Unit Cost

Asset category	2 year 2011-2012	3 year 2011-2013	4 year 2011-2014	DPCR5 2011-2015	2 year 2016-2017	3 year 2016-2018	4 year 2016-2019	5 year 2016-2020	6 year 2016-2021	7 year 2016-2022	RIIO-ED1 2016-2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
LV Poles	#####	#####	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
LV Circuit Breaker				0.0							0.0
LV Pillar (ID)				0.0							0.0
LV Pillar (OD at Substation)				0.0							0.0
LV Board (WM)				0.0							0.0
LV UGB & LV Pillars (OD not at Substation)				0.0							0.0
Cut Out (Metered)				0.0							0.0
LV Board (X-type Network) (WM)				0.0							0.0
LV Transformers/Regulators				0.0							0.0
				0.0							0.0
6.6/11 kV Poles	5.9	5.9	2.9	2.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3
20 kV Poles				0.0							0.0
HV Transformer (GM)				0.0							0.0
6.6/11kV CB (GM) Primary			28.4	27.3	55.0	22.6	19.7	23.7	19.6	16.0	15.6
6.6/11kV CB (GM) Secondary			0.1	0.1							0.0
6.6/11kV Switch (GM)				0.0							0.0
6.6/11kV RMU				0.0							0.0
6.6/11kV X-type RMU				0.0							0.0
20kV CB (GM) Primary				0.0							0.0
20kV CB (GM) Secondary				0.0							0.0
20kV Switchgear (Ex CBs)				0.0							0.0
				0.0							0.0
33kV Pole		30.6	2.8	1.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2
33kV Tower	0.3	0.3	2.1	2.7	3.7	3.6	3.6	3.6	3.6	3.6	3.5
33kV Tower				0.0							0.0
33kV Tower	1.9	2.0	2.0	2.0							0.0
33kV Transformer (GM)				Err	174.7	139.0	148.6	144.7	140.5	145.8	135.9
33kV CB (GM)				0.0		#DIV/0!	51.5	51.5	59.6	52.2	52.2
33kV UG Cable (Non Pressurised)	#####	#####	#####	Err							0.0
33kV UG Cable (Oil)	#####	#####	83.5	83.5							0.0
33kV UG Cable (Gas)				0.0							0.0
	#####	#####	475.1	286.1	35.4	35.2	35.0	35.0	35.1	34.9	33.8
66kV Pole				0.0							0.0
66kV Tower		#####	#####	Err							0.0
66kV Tower				0.0							0.0
66kV Tower	#####	#####	#####	Err							0.0
66kV Transformer				0.0							0.0
66kV CB (GM)				0.0							0.0
66kV UG Cable (Non Pressurised)				0.0							0.0
66kV UG Cable (Oil)				0.0							0.0
66kV UG Cable (Gas)				0.0							0.0
				0.0							0.0
132kV Pole				0.0							0.0
132kV Tower	1.7	2.1	2.2	2.2							0.0
132kV Tower	1.1	1.0	1.1	1.4	3.0	3.2	3.2	3.2	3.3	3.3	3.2
132kV Tower		2.0	11.8	11.8							0.0
132kV Transformer	335.8	87.5	81.8	81.8			#DIV/0!	153.5	174.5	151.1	142.8
132kV CB (GM)	#####	111.5	64.0	68.0							0.0
132kV UG Cable (Non Pressurised)	256.9	256.9	256.9	256.9							0.0
132kV UG Cable (Oil)	#####	#####	#####	Err							0.0
132kV UG Cable (Gas)				0.0							0.0
	253.8	62.7	50.3	41.0	25.4	24.7	24.2	23.7	23.3	22.6	22.0

By Cost Type

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CV6: Civil Works
SPN
Price base (2012/13)

Civil Works Driven By Condition Of Civil Items	Voltage	Units	Activity Volumes 2010 DPCR4 #	2011 DPCR5 #	2012 RIIO-ED1 #	2013 #	2014 #	2015 #	2016 #	2017 #	2018 #	2019 #	2020 #	2021 #	2022 #	2023 #	Total DPCR5 #	RIIO-ED1 #
Substation - Indoor - Doors only	HV	#		54	31	31	45	46	50	50	50	50	50	50	49	54	**207**	**403**
Substation - Indoor - Roofs only	HV	#		107	15	17	25	27	35	35	35	35	35	35	35	35	**191**	**280**
Substation - Indoor - Civil Works Other	HV	#		-	44	628	428	368	267	267	267	267	267	267	267	267	**1,468**	**2,136**
Substation - Indoor - Enclosures and Surrounds	HV	#		-	67	-	-	-	-	-	-	-	-	-	-	-	**67**	**-**
Substation - Indoor - Plinths and Groundworks	HV	#		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation - Outdoor - Surrounds	HV	#		251	131	346	436	445	508	508	508	508	508	508	508	508	**1,609**	**4,064**
Substation - Outdoor - Plinths and Groundworks	HV	#		-	-	-	286	290	-	-	-	-	-	-	-	-	**576**	**-**
Civil Works at HV Indoor Substations	HV	Sites		-	157	527	498	441	282	281	282	281	282	281	281	285	**1,623**	**2,255**
Civil Works at HV Outdoor Substations	HV	Sites		-	131	324	722	735	508	508	508	508	508	508	508	508	**1,912**	**4,064**
Civil Works At 33kV & 66kV Substations	EHV	Sites		114	22	118	74	67	41	40	40	40	40	40	40	37	**395**	**318**
Civil Works At 132kV Substation	132kV	Sites		1	18	60	50	48	34	33	33	33	33	32	32	33	**177**	**263**
Cable Tunnel	All	#		-	-	-	-	1	-	1	-	1	-	1	-	1	**1**	**4**
Cable Bridge	All	#		-	-	-	3	1	-	1	-	1	-	1	-	1	**4**	**4**
LV Street Furniture				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total																		

Check - Civil Works at HV Substations Total Direct Costs

Civil Works Driven By Plant Asset Replacement Item	Voltage	Units																
Plinths and Groundworks	HV	#		-	108	265	-	2	203	204	203	205	209	204	204	203	**375**	**1,635**
Building	HV	#		-	2	-	-	1	1	1	2	1	1	1	1	1	**3**	**12**
Enclosures and Surrounds	HV	#		-	-	-	-	-	5	5	5	5	5	5	5	5	**-**	**40**
Plinths and Groundworks	EHV	#		-	3	2	28	73	10	26	21	39	26	21	22	16	**106**	**181**
Building	EHV	#		1	2	-	-	10	1	6	6	4	4	4	3	2	**13**	**30**
Enclosures and Surrounds	EHV	#		1	1	-	3	18	3	1	8	13	5	2	5	5	**22**	**42**
Plinths and Groundworks	132kV	#		1	2	2	6	109	-	9	-	8	40	20	-	7	**120**	**84**
Building	132kV	#		-	1	-	60	13	-	-	-	1	-	1	-	-	**74**	**2**
Enclosures and Surrounds	132kV	#		-	-	-	-	17	-	-	-	5	12	5	-	2	**17**	**24**
Cable Tunnel	All	#		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable Bridge	All	#		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total																		
Total Civil Works																		

By Cost Type

Labour
Pensions
Contractors
Materials
Wayleaves (inc Easements/Servitudes)
Road Charges
Rent
Subscriptions
Related Party Margins
Total Gross Costs
Customer Contributions
Cost recoveries
Total Net Costs

Check - Cost Type to Category
Check - Total gross costs to C1 Cost Matrix
Check - Total Net Costs to C1 Cost Matrix

Total Direct Costs

	DPCR4 2010 £m	DPCR5 2011 £m	2012 £m	2013 £m	2014 £m	2015 £m	2016 £m	2017 £m	2018 £m	2019 £m	2020 £m	2021 £m	2022 £m	2023 £m	Total DPCR5 £m	RIIO-ED1 £m
Substation - Indoor - Doors only		0.11	0.13	0.11	0.11	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.14	**0.58**	**1.01**
Substation - Indoor - Roofs only		0.12	0.15	0.13	0.11	0.12	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	**0.63**	**1.23**
Substation - Indoor - Civil Works Other		0.60	0.45	0.22	0.32	0.27	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	**1.86**	**1.50**
Substation - Indoor - Enclosures and Surrounds		-	0.31	0.23	-	-	-	-	-	-	-	-	-	-	**0.53**	**-**
Substation - Indoor - Plinths and Groundworks		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation - Outdoor - Surrounds		1.10	0.71	0.84	1.04	1.03	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	**4.72**	**9.53**
Substation - Outdoor - Plinths and Groundworks		0.00	-	-	0.20	0.23	-	-	-	-	-	-	-	-	**0.43**	**-**
Civil Works at HV Indoor Substations		0.83	1.04	1.52	0.54	0.50	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.48	**4.44**	**3.75**
Civil Works at HV Outdoor Substations		1.10	0.71	-	1.24	1.26	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	**4.31**	**9.53**
Civil Works At 33kV & 66kV Substations		1.53	0.72	0.40	0.92	0.74	0.47	0.46	0.46	0.46	0.46	0.46	0.42	0.25	**4.31**	**3.45**
Civil Works At 132kV Substation		-	0.32	0.13	0.68	0.40	0.55	0.54	0.54	0.54	0.54	0.54	0.54	0.38	**1.53**	**4.17**
Cable Tunnel		0.01	0.25	- 0.00	0.09	0.30	0.01	0.20	-	0.20	-	0.20	-	0.20	**0.64**	**0.82**
Cable Bridge		-	-	-	0.26	0.18	-	0.13	-	0.13	-	0.13	-	0.13	**0.43**	**0.53**
LV Street Furniture		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total		**3.47**	**3.04**	**2.06**	**3.73**	**3.37**	**2.69**	**3.00**	**2.66**	**3.00**	**2.66**	**3.00**	**2.61**	**2.64**	**###**	**22.25**

	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Plinths and Groundworks		0.29	1.69	1.58	-	0.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	**3.55**	**1.58**
Building		0.81	0.14	0.07	-	0.19	0.05	0.05	0.05	0.09	0.29	0.05	0.05	0.05	**1.21**	**0.70**
Enclosures and Surrounds		0.00	- 0.00	-	-	-	0.03	0.05	0.04	0.03	0.03	0.05	0.03	0.03	**0.00**	**0.29**
Plinths and Groundworks		0.27	0.13	0.00	0.06	0.46	0.10	0.17	0.22	0.37	0.18	0.14	0.23	0.13	**0.92**	**1.53**
Building		0.48	1.09	0.08	0.17	1.11	0.75	1.63	1.60	0.99	1.12	1.05	0.66	0.83	**2.93**	**8.64**
Enclosures and Surrounds		0.09	0.01	-	0.07	0.48	0.16	0.24	0.38	0.66	0.31	0.21	0.41	0.23	**0.65**	**2.59**
Plinths and Groundworks		0.39	0.17	0.00	0.19	0.30	0.03	0.09	0.07	0.43	0.36	0.21	0.00	0.09	**1.05**	**1.28**
Building		-	0.04	-	0.06	0.39	0.17	0.60	0.60	0.69	0.83	0.81	0.00	0.01	**0.49**	**3.71**
Enclosures and Surrounds		-	-	-	0.08	0.15	0.03	0.05	0.07	0.24	0.19	0.10	0.00	0.04	**0.23**	**0.73**
Cable Tunnel		-	0.00	-	-	-	-	-	-	-	-	-	-	-	**0.00**	**-**
Cable Bridge		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total		**2.33**	**3.26**	**1.73**	**0.63**	**3.08**	**1.51**	**3.08**	**3.24**	**3.69**	**3.51**	**2.80**	**1.60**	**1.60**	**###**	**21.04**
Total Civil Works		**5.81**	**6.30**	**3.79**	**4.36**	**6.45**	**4.20**	**6.08**	**5.90**	**6.69**	**6.18**	**5.80**	**4.22**	**4.24**	**###**	**43.30**

Labour	0.55	0.81	0.57	0.64	0.98	0.62	0.90	0.87	0.99	0.91	0.86	0.62	0.63	3.56	**6.40**
Pensions	0.07	0.14	0.08	0.11	0.14	0.11	0.16	0.15	0.17	0.16	0.15	0.11	0.11	0.55	**1.11**
Contractors	3.59	3.76	2.31	2.66	3.93	2.56	3.71	3.60	4.08	3.77	3.53	2.57	2.59	16.26	**26.41**
Materials	1.54	1.59	0.82	0.94	1.40	0.91	1.32	1.28	1.45	1.34	1.26	0.91	0.92	6.29	**9.38**
Wayleaves (inc Easements/Servitudes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Road Charges	0.00	- 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Related Party Margins	0.11	-	-	-	-	-	-	-	-	-	-	-	-	0.11	**-**
Total Gross Costs	**5.87**	**6.30**	**3.79**	**4.36**	**6.45**	**4.20**	**6.08**	**5.90**	**6.69**	**6.18**	**5.80**	**4.22**	**4.24**	26.77	**43.30**
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Total Net Costs	**5.87**	**6.30**	**3.79**	**4.36**	**6.45**	**4.20**	**6.08**	**5.90**	**6.69**	**6.18**	**5.80**	**4.22**	**4.24**	**###**	**43.30**

Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total gross costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total Net Costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Annual Unit Cost

	DPCR4 2010 £k/unit	DPCR5 2011 £k/unit	2012 £k/unit	2013 £k/unit	2014 £k/unit	RIIO-ED1 2015 £k/unit	2016 £k/unit	2017 £k/unit	2018 £k/unit	2019 £k/unit	2020 £k/unit	2021 £k/unit	2022 £k/unit	2023 £k/unit
Substation - Indoor - Doors only		2.1	4.1	3.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Substation - Indoor - Roofs only		1.1	10.1	7.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Substation - Indoor - Civil Works Other		Err	10.3	0.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Substation - Indoor - Enclosures and Surrounds		0.0	4.6	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Substation - Indoor - Plinths and Groundworks		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Substation - Outdoor - Surrounds		4.4	5.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Substation - Outdoor - Plinths and Groundworks		Err	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Civil Works at HV Indoor Substations		Err	6.6	2.9	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Civil Works at HV Outdoor Substations		Err	5.4	Err	1.7	1.7	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Civil Works At 33kV & 66kV Substations		13.4	32.6	3.4	12.4	11.0	11.5	11.5	11.5	11.5	11.5	11.5	10.5	6.8
Civil Works At 132kV Substation		Err	17.9	2.2	13.5	8.3	16.1	16.4	16.4	16.4	16.4	16.8	16.8	11.6
Cable Tunnel		Err	Err	Err	Err	590.8	Err	204.0	0.0	204.0	0.0	204.0	0.0	204.0
Cable Bridge		0.0	0.0	0.0	85.3	176.3	0.0	132.5	0.0	132.5	0.0	132.5	0.0	132.5
LV Street Furniture		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Plinths and Groundworks		Err	15.6	6.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Building		Err	69.2	Err	0.0	191.5	53.0	53.0	26.5	90.5	73.2	53.0	53.0	53.0
Enclosures and Surrounds		Err	Err	0.0	0.0	0.0	6.4	9.8	7.2	5.8	5.8	6.5	9.9	5.8
Plinths and Groundworks		Err	43.9	0.4	2.2	6.3	10.1	6.5	10.5	9.4	6.8	6.5	10.3	8.3
Building		477.9	542.5	Err	Err	111.5	747.4	272.2	266.7	248.4	281.2	262.4	220.9	412.7
Enclosures and Surrounds		Err	9.6	0.0	23.3	26.5	51.8	239.7	47.4	50.6	62.1	106.2	81.5	45.6
Plinths and Groundworks		390.9	85.2	0.2	31.8	2.7	Err	9.8	Err	53.6	9.0	10.4	Err	12.7
Building		0.0	36.8	0.0	1.1	29.7	Err	Err	Err	692.6	Err	812.7	Err	Err
Enclosures and Surrounds		0.0	0.0	0.0	Err	8.7	Err	Err	Err	47.5	15.7	20.0	Err	20.7
Cable Tunnel		0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cable Bridge		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Multi-Year Average Unit Cost

	2 year 2011-2012 £k/unit	3 year 2011-2013 £k/unit	4 year 2011-2014 £k/unit	DPCR5 2011-2015 £k/unit	2 year 2016-2017 £k/unit	3 year 2016-2018 £k/unit	4 year 2016-2019 £k/unit	5 year 2016-2020 £k/unit	6 year 2016-2021 £k/unit	7 year 2016-2022 £k/unit	RIIO-ED1 2016-2023 £k/unit
Substation - Indoor - Doors only	2.9	3.0	2.9	2.8	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Substation - Indoor - Roofs only	2.2	2.9	3.1	3.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Substation - Indoor - Civil Works Other	24.0	1.9	1.4	1.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Substation - Indoor - Enclosures and Surrounds	4.6	8.0	8.0	8.0							0.0
Substation - Indoor - Plinths and Groundworks				0.0							0.0
Substation - Outdoor - Surrounds	4.7	3.6	3.2	2.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Substation - Outdoor - Plinths and Groundworks	#DIV/0!	#DIV/0!	0.7	0.7							0.0
Civil Works at HV Indoor Substations	11.9	5.0	3.3	2.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Civil Works at HV Outdoor Substations	13.8	4.0	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Civil Works At 33kV & 66kV Substations	16.5	10.4	10.9	10.9	11.5	11.5	11.5	11.5	11.5	11.5	10.8
Civil Works At 132kV Substation	17.0	5.8	8.8	8.6	16.2	16.3	16.3	16.3	16.4	16.5	15.9
Cable Tunnel	#DIV/0!	#DIV/0!	#DIV/0!	1288.1	213.0	213.0	208.5	208.5	207.0	207.0	206.2
Cable Bridge			85.3	108.1	132.5	132.5	132.5	132.5	132.5	132.5	132.5
LV Street Furniture				0.0							0.0

Plinths and Groundworks		9.5	9.5	9.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Building	475.6	509.5	509.5	403.5	53.0	39.8	49.9	60.3	59.6	59.0	58.5
Enclosures and Surrounds	#DIV/0!	#DIV/0!	#DIV/0!	Err	8.1	7.8	7.3	7.0	6.9	7.3	7.1
Plinths and Groundworks		80.2	14.0	8.7	7.5	8.6	8.9	8.5	8.2	8.5	8.4
Building	521.0	549.3	605.9	225.6	340.1	306.2	292.6	290.5	286.0	279.0	287.9
Enclosures and Surrounds	102.0	102.0	43.0	29.5	98.8	64.5	57.3	58.1	61.1	63.8	61.7
Plinths and Groundworks	187.1	112.3	68.4	8.7	13.2	21.5	36.6	17.2	15.5	15.5	15.3
Building	36.8	36.8	1.6	6.6	#DIV/0!	#DIV/0!	2060.4	2891.7	1852.2	1852.4	1856.8
Enclosures and Surrounds			#DIV/0!	13.4	#DIV/0!	#DIV/0!	78.9	34.3	31.0	31.2	30.3
Cable Tunnel	#DIV/0!	#DIV/0!	#DIV/0!	Err							0.0
Cable Bridge				0.0							0.0

CV7: Undergrounding in designated areas
SPN
Price base (2012/13)

Activity Volumes

Undergrounding Within/ Outside designated areas	Voltage	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5 Total	RIIO-ED1 Total
		DPCR4	DPCR5					RIIO-ED1									
		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OHL (km) in designated area at end of year	LV		1,603.60	1,602.67	1,602.52	1,602.33	1,601.53										
OHL (km) in designated area at end of year	HV		2,328.54	2,317.93	2,311.35	2,304.82	2,291.58										
OHL (km) in designated area at end of year	EHV		334.61	334.61	334.61	334.61	332.11										
OHL (km) in designated area at end of year	132kV		312.14	312.14	312.14	312.14	312.14										
km in designated area at end of year	**Total**		4,578.89	4,567.35	4,560.62	4,553.90	4,537.36										
OHL removed during year (km)	LV		0.93	-	0.15	0.19	0.80									**2.07**	
OHL removed during year (km)	HV		9.12	1.49	6.58	6.53	13.24									**36.96**	
OHL removed during year (km)	EHV		-	-	-	-	2.50									**2.50**	
OHL removed during year (km)	132kV		-	-	-	-	-									**-**	
km removed during year	**Total**		10.05	1.49	6.73	6.72	16.54									**41.53**	
UG cables (km) installed during year	LV		-	-	0.86	0.16	0.27									**1.29**	
UG cables (km) installed during year	HV		-	-	8.16	7.72	14.66									**30.54**	
UG cables (km) installed during year	EHV		-	-	-	-	2.52									**2.52**	
UG cables (km) installed during year	132kV		-	-	-	-	-									**-**	
UG cables (km) installed during year	**Total**		-	-	9.02	7.88	17.45									**34.35**	

Total Direct Costs

Costs		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5 Total	RIIO-ED1 Total
		DPCR4	DPCR5					RIIO-ED1									
		£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Undergrounding Within/ Outside designated areas	LV		0.00	0.00	-	-	-									**0.00**	
Undergrounding Within/ Outside designated areas	HV		0.00	0.00	0.64	1.48	1.48									**3.60**	
Undergrounding Within/ Outside designated areas	EHV		0.66	0.08	-	-	-									**0.74**	
Undergrounding Within/ Outside designated areas	132kV		0.14	0.10	-	-	-									**0.23**	
Undergrounding Within/ Outside designated areas	**Total**		0.80	0.18	0.64	1.48	1.48	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	4.58	13.83

By Cost Type

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5 £m	RIIO-ED1 £m
	DPCR4	DPCR5					RIIO-ED1									
Labour		0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	**0.00**	
Pensions		0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	**0.00**	
Contractors		0.66	0.08	0.50	1.15	1.15	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	**3.55**	
Materials		0.14	0.10	0.14	0.32	0.32	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	**1.02**	
Wayleaves (inc Easements/Servitudes)		0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.03**	
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	
Related Party Margins		0.00	-	-	-	-	-	-	-	-	-	-	-	-	**0.00**	
Total Gross Costs		**0.81**	**0.19**	**0.64**	**1.48**	**1.48**	**1.73**	**1.73**	**1.73**	**1.73**	**1.73**	**1.73**	**1.73**	**1.73**	**4.60**	13.83
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Net Costs		**0.8**	**0.2**	**0.6**	**1.5**	**1.5**	**1.7**	**1.7**	**1.7**	**1.7**	**1.7**	**1.7**	**1.7**	**1.7**	**4.6**	13.83

Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
Check - Total gross costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
Check - Total Net Costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	

CV8: Legal and Safety
SPN
Price base (2012/13)

Activity Volumes

Category		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
		DPCR4			DPCR5						RIIO-ED1					DPCR5	RIIO-ED1
		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Site security	HV Substations		6	23	32	57	864	3,596	3,972	30	30	31	30	30	30	**982**	**7,749**
Site security	EHV Substations		14	122	120	99	14	18	12	17	22	12	9	8	9	**368**	**107**
Site security	132kV Substations		14	122	32	117	78	66	71	71	66	71	65	65	69	**362**	**544**
Asbestos management	Substations		758	3,580	81	3,665	1,793	995	995	996	995	995	995	995	783	**9,877**	**7,749**
Asbestos management	Meter positions		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Safety climbing fixtures	Supports or Plant Items		1,133	675	189	1,121	1,121	988	186	186	186	186	186	186	186	**4,239**	**2,290**
Fire protection	Substations		28	680	2	193	145	-	-	-	-	-	-	-	-	**1,048**	**-**
Earthing upgrades	Locations		1	-	-	270	12	1	7	4	14	15	13	3	4	**283**	**61**
Other	Provision of Warning Signs		3,756	4,054	3,270	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	**35,080**	**96,000**
Other	Retrofit/Replace ABSD		101	43	5	-	-	-	-	-	-	-	-	-	-	**149**	**-**
Other	ESQCR Location Risk Mitigation		-	-	626	1,023	1,459	1,616	1,616	1,540	1,023	1,023	1,023	1,023	1,023	**3,108**	**9,887**
Other	Metal theft remedial work		-	38	-	-	-	-	-	-	-	-	-	-	-	**38**	**-**
Other	Cable Pits		-	-	-	-	626	264	264	264	264	264	264	1	1	**626**	**1,586**
Total																	

Total Direct Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								Total	
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
		0.03	0.04	0.07	0.07	0.62	2.48	2.74	0.06	0.06	0.09	0.06	0.06	0.06	**0.84**	**5.60**
		0.08	0.21	0.51	0.87	0.66	0.51	0.58	0.62	0.66	0.42	0.38	0.45	0.42	**2.33**	**4.05**
		0.08	0.21	0.67	1.25	1.31	1.25	1.27	1.23	1.29	1.22	1.13	1.15	1.20	**3.52**	**9.74**
		0.26	0.28	0.67	0.73	0.38	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.20	**2.32**	**1.86**
		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
		0.13	0.20	0.02	0.28	0.28	0.25	0.05	0.05	0.05	0.05	0.05	0.05	0.05	**0.90**	**0.57**
		0.01	-	-	0.02	0.02	-	-	-	-	-	-	-	-	**0.05**	**-**
		0.01	0.00	0.00	0.11	0.04	0.02	0.05	0.05	0.22	0.18	0.08	0.02	0.07	**0.16**	**0.68**
		0.09	0.21	0.05	0.52	0.45	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	**1.32**	**1.89**
		0.20	0.12	1.78	-	-	-	-	-	-	-	-	-	-	**2.11**	**-**
		-	-	-	0.80	1.39	1.60	1.60	1.50	0.80	0.80	0.80	0.80	0.80	**2.19**	**8.70**
		-	0.35	0.14	-	-	-	-	-	-	-	-	-	-	**0.49**	**-**
		-	-	-	-	0.57	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	**0.57**	**1.39**
		0.88	**1.62**	**3.91**	**4.66**	**5.73**	**6.82**	**6.99**	**4.21**	**3.78**	**3.46**	**3.20**	**3.00**	**3.04**	**16.79**	**34.48**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1									
															£m	£m
		0.18	0.46	0.43	0.50	0.62	0.74	0.76	0.45	0.41	0.37	0.35	0.32	0.33	2.19	3.73
		0.02	0.07	0.06	0.09	0.11	0.13	0.13	0.08	0.07	0.06	0.06	0.06	0.06	0.35	0.65
		0.59	0.97	2.83	3.37	4.15	4.94	5.07	3.05	2.74	2.50	2.32	2.17	2.20	11.91	24.98
		0.09	0.13	0.51	0.61	0.75	0.89	0.91	0.55	0.49	0.45	0.42	0.39	0.40	2.09	4.50
		-	-	0.07	0.08	0.10	0.12	0.13	0.08	0.07	0.06	0.06	0.05	0.06	0.26	0.63
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-
		0.88	**1.62**	**3.91**	**4.66**	**5.73**	**6.82**	**6.99**	**4.21**	**3.78**	**3.46**	**3.20**	**3.00**	**3.04**	16.79	34.48
		-	-	-	-	-	-	-	-	-	-	-	-	-		-
		- 0.00	- 0.00				-	-	-	-	-	-	-	-	- 0.00	
		0.88	**1.62**	**3.91**	**4.66**	**5.73**	**6.82**	**6.99**	**4.21**	**3.78**	**3.46**	**3.20**	**3.00**	**3.04**	**16.79**	**34.48**

	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Annual Unit Cost

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	DPCR4	DPCR5					RIIO-ED1							
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	5.6	1.7	2.3	1.3	0.7	0.7	0.7	1.9	2.1	3.0	1.9	1.9	1.9	1.9
	5.6	1.7	4.1	8.8	47.3	28.5	48.2	36.6	30.2	34.7	42.5	56.6	46.6	
	5.6	1.7	20.9	10.7	16.8	18.9	18.0	17.3	19.5	17.1	17.1	17.7	17.5	
	0.3	0.1	8.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.1	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	0.3	Inf	Inf	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5.2	Inf	Inf	0.4	3.7	22.8	6.9	12.2	15.4	12.2	6.3	5.2	17.3	
	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.0	2.9	356.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	Inf	0.8	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.8
	0.0	9.3	Inf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	2.2	2.2	

Multi-Year Average Unit Cost

	-2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	2011-2010	2011-2010	2011-2010	2011-2015	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	2.5	2.4	1.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	2.1	3.1	4.7	6.3	36.4	36.5	34.6	34.5	35.3	37.0	37.9
	2.1	5.7	7.8	9.7	18.4	18.0	18.4	18.1	18.0	18.0	17.9
	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
				0.0							0.0
	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	0.0	0.0	0.0	0.0							0.0
	5.2	5.3	0.4	0.6	8.9	10.0	12.9	12.6	11.1	10.8	11.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.2	14.1	14.1	14.1							0.0
			0.5	0.7	1.0	1.0	1.0	0.9	0.9	0.9	0.9
	9.3	13.0	13.0	13.0							0.0
				0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

By Cost Type

Labour
Pensions
Contractors
Materials
Wayleaves (inc Easements/Servitudes)
Road Charges
Rent
Subscriptions
Related Party Margins
Total Gross Costs
Customer Contributions
Cost recoveries
Total Net Costs

Check - Cost Type to Category
Check - Total Gross Costs to C1 Cost Matrix
Check - Total Net Costs to C1 Cost Matrix

CV9a: High Value Projects by Scheme
SPN
Price base (2012/13)

Expenditure Breakdown (by project)

Project/Scheme Name	Project/ Scheme ID	Investment Driver	Will the HVP contribute to health and criticality output (Yes/No)
PO Route Rebuild	1.02.03.3318	Asset Replacement	
West Weybridge - Replace 132kV Switchgear	1.48.01.3126	Asset Replacement	
BT21C	1.26.10	BT21CN	
BT21C - PBA 22-55 circuit	1.26.10.5282	BT21CN	
BT21C - PO Route Rebuid	1.26.10.5309	BT21CN	
BT21C - Southern Cross/Fishersgate	1.26.10.5350	BT21CN	
SPN: Ashford - Sellindge - 33kV Reinforcement	1.35.01.3187	General Reinforcement	
0	0	0	
0	0	0	
0	0	0	
0	0	0	
Total			

Expenditure Breakdown (by driver)

Asset Replacement	
General Reinforcement	
Fault Level Reinforcement	
Legal and Safety	
BT21CN	
Other - explained in commentary	
Total	

By Cost Type

Labour	
Pensions	
Contractors	
Materials	
Wayleaves (inc Easements/Servitudes)	
Road Charges	
Rent	
Subscriptions	
Related Party Margins	
Total Gross Costs	

Customer Contributions	
Asset Replacement	
General Reinforcement	
Fault Level Reinforcement	
Legal and Safety	
BT21CN	
Other - explained in commentary	
Total customer contributions	

Cost recoveries	
Asset Replacement	
General Reinforcement	
Fault Level Reinforcement	
Legal and Safety	
BT21CN	
Other - explained in commentary	
Total cost recoveries	

Net costs	
Asset Replacement	
General Reinforcement	
Fault Level Reinforcement	
Legal and Safety	
BT21CN	
Other - explained in commentary	
Total Net Costs	

Check - Cost Type to Category	
Check - Total Gross Costs to C1 Cost Matrix	
Check - Total Net Costs to C1 Cost Matrix	

Activity Breakdown (by project)

Project/Scheme Name	Project/ Scheme ID	Investment Driver	Asset Category
PO Route Rebuild	1.02.03.3318	Asset Replacement	132kV OHL (Tower Line) Conductor
PO Route Rebuild	1.02.03.3318	Asset Replacement	132kV CB
PO Route Rebuild	1.02.03.3318	Asset Replacement	132kV Switchgear - Other
PO Route Rebuild	1.02.03.3318	Asset Replacement	132kV cable
PO Route Rebuild	1.02.03.3318	Asset Replacement	132kV OHL Towers
West Weybridge - Replace 132kV Switchgear	1.48.01.3126	Asset Replacement	132kV CB (Gas Insulated Busbars)(ID) (G
West Weybridge - Replace 132kV Switchgear	1.48.01.3126	Asset Replacement	132kV UG Cable (Non Pressurised)
West Weybridge - Replace 132kV Switchgear	1.48.01.3126	Asset Replacement	132kV switches (Air Insulated busbars) (G
West Weybridge - Replace 132kV Switchgear	1.48.01.3126	Asset Replacement	132kV Switchgear - Other
West Weybridge - Replace 132kV Switchgear	1.48.01.3126	Asset Replacement	132kV CB (Air Insulated Busbars)(OD) (G
West Weybridge - Replace 132kV Switchgear	1.48.01.3127	Asset Replacement	Batteries at 132kV Substations
West Weybridge - Replace 132kV Switchgear	1.48.01.3128	Asset Replacement	Neutral Earthing Resistor
BT21C	1.26.10	BT21CN	0
BT21C - PBA 22-55 circuit	1.26.10.5282	BT21CN	0
BT21C - PO Route Rebuid	1.26.10.5309	BT21CN	0
BT21C - Southern Cross/Fishersgate	1.26.10.5350	BT21CN	0
SPN: Ashford - Sellindge - 33kV Reinforcement	1.35.01.3187	General Reinforcem	33kV CB (Air Insulated Busbars)(ID) (GM)
SPN: Ashford - Sellindge - 33kV Reinforcement	1.35.01.3187	General Reinforcem	132kV Transformer
SPN: Ashford - Sellindge - 33kV Reinforcement	1.35.01.3187	General Reinforcem	33kV UG Cable (Non Pressurised)
SPN: Ashford - Sellindge - 33kV Reinforcement	1.35.01.3187	General Reinforcem	33kV CB (Air Insulated Busbars)(ID) (GM)
SPN: Ashford - Sellindge - 33kV Reinforcement	1.35.01.3187	General Reinforcem	33kV Transformer (GM)
SPN: Ashford - Sellindge - 33kV Reinforcement	1.35.01.3187	General Reinforcem	6.6/11kV CB (GM) Primary
SPN: Ashford - Sellindge - 33kV Reinforcement	1.35.01.3187	General Reinforcem	132kV UG Cable (Oil)

Additions

	DPCR4	DPCR5					RIIO-ED1									Total	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		DPCR5	RIIO-ED1
	#	#	#	#	#	#	#	#	#	#	#	#	#	#		#	#
PO Route Rebuild	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
PO Route Rebuild	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-		-	1.0
PO Route Rebuild	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
PO Route Rebuild	-	-	-	-	-	-	-	-	-	-	23.00	-	-	-		-	23.0
PO Route Rebuild	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
West Weybridge - Replace 132kV Switchgear	-	-	18.00	-	-	-	-	-	-	-	-	-	-	-		18.0	-
West Weybridge - Replace 132kV Switchgear	-	-	0.21	-	-	-	-	-	-	-	-	-	-	-		0.2	-
West Weybridge - Replace 132kV Switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
West Weybridge - Replace 132kV Switchgear	-	-	99.00	-	-	-	-	-	-	-	-	-	-	-		99.0	-
West Weybridge - Replace 132kV Switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
West Weybridge - Replace 132kV Switchgear	-	-	2.00	-	-	-	-	-	-	-	-	-	-	-		2.0	-
West Weybridge - Replace 132kV Switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
BT21C	-	-	31.90	80.32	####	-	-	-	-	-	-	-	-	-		214.9	-
BT21C - PBA 22-55 circuit	-	-	18.90	-	-	-	-	-	-	-	-	-	-	-		18.9	-
BT21C - PO Route Rebuid	-	-	3.50	-	-	-	-	-	-	-	-	-	-	-		3.5	-
BT21C - Southern Cross/Fishersgate	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
SPN: Ashford - Sellindge - 33kV Reinforcement	-	-	-	8.00	-	-	-	-	-	-	-	-	-	-		8.0	-
SPN: Ashford - Sellindge - 33kV Reinforcement	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-		1.0	-
SPN: Ashford - Sellindge - 33kV Reinforcement	-	-	-	2.14	-	-	-	-	-	-	-	-	-	-		2.1	-
SPN: Ashford - Sellindge - 33kV Reinforcement	-	-	3.00	-	-	-	-	-	-	-	-	-	-	-		3.0	-
SPN: Ashford - Sellindge - 33kV Reinforcement	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-		1.0	-
SPN: Ashford - Sellindge - 33kV Reinforcement	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-		1.0	-
SPN: Ashford - Sellindge - 33kV Reinforcement	-	-	-	0.30	-	-	-	-	-	-	-	-	-	-		0.3	-

Indirect Allocations

PO Route Rebuild	
Labour	
Pensions	
Contractors	
Materials	
Wayleaves (inc Easements/Servitudes)	
Road Charges	
Rent	
Subscriptions	
Related Party Margins	
Total Gross Costs	
Customer Contributions	
Cost recoveries	
Total Net Costs	

Project/ scheme name	
Labour	
Pensions	
Contractors	
Materials	
Wayleaves (inc Easements/Servitudes)	
Road Charges	
Rent	
Subscriptions	
Related Party Margins	
Total Gross Costs	
Customer Contributions	
Cost recoveries	
Total Net Costs	

Total Direct Costs

	DPCR4	DPCR5					RIIO-ED1									Total	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		DPCR5	RIIO-ED1
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
	-	0.01	-	-	1.16	4.43	5.17	6.27	6.20	5.75	4.75	2.83	-	-		5.58	30.98
		2.78	5.23	5.03	0.53	0.11										13.69	
		0.05	0.08	1.40	5.18	5.47	-	-	-	-	-	-	-	-		12.19	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		0.05	-	-	-	-	-	-	-	-	-	-	-	-		0.05	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		0.09	1.48	5.33	0.82	-	-	-	-	-	-	-	-	-		7.71	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		2.97	**6.79**	**11.76**	**7.68**	**10.02**	**5.17**	**6.27**	**6.20**	**5.75**	**4.75**	**2.83**	**-**	**-**		**39.22**	30.98
		2.77	5.23	5.03	1.68	4.54	5.17	6.27	6.20	5.75	4.75	2.83	-	-		19.27	30.98
		0.09	1.48	5.33	0.82	-	-	-	-	-	-	-	-	-		7.71	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		0.10	0.08	1.40	5.18	5.47	-	-	-	-	-	-	-	-		12.24	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		2.97	**6.79**	**11.76**	**7.68**	**10.02**	**5.17**	**6.27**	**6.20**	**5.75**	**4.75**	**2.83**	**-**	**-**		**39.22**	**30.98**
		0.05	0.16	0.50	0.32	0.41	0.21	0.26	0.26	0.24	0.20	0.12	-	-		**1.4**	1.28
		0.01	0.03	0.07	0.06	0.07	0.04	0.04	0.04	0.04	0.03	0.02	-	-		**0.2**	0.22
	-	1.90	4.77	8.48	5.53	7.22	3.73	4.52	4.47	4.15	3.42	2.04	-	-		**24.1**	22.33
		4.81	1.82	2.66	1.74	2.27	1.17	1.42	1.40	1.30	1.08	0.64	-	-		**13.3**	7.02
		0.00	0.01	0.05	0.03	0.04	0.02	0.03	0.03	0.02	0.02	0.01	-	-		**0.1**	0.13
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-		**0.0**	**0.00**
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		0.00	-	-	-	-	-	-	-	-	-	-	-	-		**0.0**	-
		3.0	**6.8**	**11.8**	**7.7**	**10.0**	**5.2**	**6.3**	**6.2**	**5.8**	**4.8**	**2.8**	**-**	**-**		**39.2**	30.98
		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-

66kV OHL (Pole Line) Conductor
66kV Pole
33kV OHL (Tower line) Conductor
33kV Tower
33kV Fittings
66kV OHL Conductor
66kV Tower
66kV Fittings
33kV UG Cable (Non Pressurised)
33kV UG Cable (Oil)
33kV UG Cable (Gas)
66kV UG Cable (Non Pressurised)
66kV UG Cable (Oil)
66kV UG Cable (Gas)
EHV Sub Cable
33kV CB (Air Insulated Busbars)(ID) (GM)
33kV CB (Air Insulated Busbars)(OD) (GM)
33kV CB (Gas Insulated Busbars)(ID) (GM)
33kV CB (Gas Insulated Busbars)(OD) (GM)
33kV Switch (GM)
33kV Switchgear - Other
33kV Switch (PM)
33kV RMU
66kV CB (Air Insulated Busbars)(ID) (GM)
66kV CB (Air Insulated Busbars)(OD) (GM)
66kV CB (Gas Insulated Busbars)(ID) (GM)
66kV CB (Gas Insulated Busbars)(OD) (GM)
66kV Switchgear - Other
33kV Transformer (PM)
33kV Transformer (GM)
66kV Transformer
Batteries at 33kV Substations
Batteries at 66kV Substations
132kV OHL (Pole Line) Conductor
132kV Pole
132kV OHL (Tower Line) Conductor
132kV Tower
132kV Fittings
132kV UG Cable (Non Pressurised)
132kV UG Cable (Oil)
132kV UG Cable (Gas)
132kV Sub Cable
132kV CB (Air Insulated Busbars)(ID) (GM)
132kV CB (Air Insulated Busbars)(OD) (GM)
132kV CB (Gas Insulated Busbars)(ID) (GM)
132kV CB (Gas Insulated Busbars)(OD) (GM)
132kV Switchgear - Other
132kV Transformer
Batteries at 132kV Substations
Pilot Wire Overhead
Pilot Wire Underground
Cable Tunnels (DNO owned)
Cable Bridges (DNO owned)
LV Fuses (PM)
LV Fuses (GM) (TM)
Switching Points with Remote Control/Automation Facility
GM Indoor Substation
GM Outdoor Substation
GM Mixed Substation
GM Third Party Substation
Total GM HV Substations exc Third Party)
Total GM 33kV Substations
Total GM 66kV Substations
Total GM 132kV Substations
Decommissioned 33kV - Pressurised
Decommissioned 66kV - Pressurised
Decommissioned 132kV - Pressurised
Total HV Substations
Total EHV Substations
Total 132kV Substations
Cable Tunnels (DNO owned)
Cable Bridges (DNO owned)
GM Substations with Batteries
GM Substations without Batteries

CV9b: High Value Projects by Scheme
<pre
Price base (2012/13)

Expenditure Breakdown (by project)

Project/Scheme Name	Project/ Scheme ID	Investment Driver	contribute to health and criticality output (Yes/No)
Total			

Expenditure Breakdown (by driver)

Asset Replacement	-
General Reinforcement	-
Fault Level Reinforcement	-
Legal and Safety	-
ATI2ICN	-
Other - explained in commentary	-
Total	-

By Cost Type

Labour	-
Pensions	-
Contractors	-
Materials	-
Wayleaves (inc Easements/Servitudes)	-
Road Charges	-
Rent	-
Subscriptions	-
Related Party Margins	-
Total Gross Costs	-

Customer Contributions	
Asset Replacement	-
General Reinforcement	-
Fault Level Reinforcement	-
Legal and Safety	-
ATI2ICN	-
Other - explained in commentary	-
Total customer contributions	-

Cost recoveries	
Asset Replacement	-
General Reinforcement	-
Fault Level Reinforcement	-
Legal and Safety	-
ATI2ICN	-
Other - explained in commentary	-
Total cost recoveries	-

Net costs	
Asset Replacement	-
General Reinforcement	-
Fault Level Reinforcement	-
Legal and Safety	-
ATI2ICN	-
Other - explained in commentary	-
Total Net Costs	-

Check - Cost Type to Category	
Check - Total Gross Costs to C1 Cost Matrix	
Check - Total Net Costs to C1 Cost Matrix	

Activity Breakdown (by project)

Project/Scheme Name	Project/ Scheme ID	Investment Driver	Asset Category

CV10: BT21CN
SPN
Price base (2012/13)

Activity Volumes

Category	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
		DPCR4		DPCR5				RIIO-ED1									
		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Protection Communication Circuits -	circuits		-	-	-	-	-	14	13	12	2	3	1	-	1	**-**	**46**
Protection Operational Measures	circuits		-	-	-	10	23	40	54	67	79	81	84	85	85	**33**	**575**
Total																	

Total Direct Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1									
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
		-	-	-	-	-	4	4	4	1	1	0	0	0	-	**12.8**
		0	0	0	0	0	0	0	1	1	1	1	1	1	**0.3**	**5.0**
		0.0	**0.0**	**0.0**	**0.1**	**0.2**	**4.2**	**4.3**	**4.3**	**1.2**	**1.2**	**0.9**	**0.7**	**0.9**	**0.3**	**17.8**
		0	0	0	0	0	0	0	0	0	0	0	0	0	**0.0**	**1.2**
		0	0	0	0	0	0	0	0	0	0	0	0	0	**0.0**	**0.2**
		-	-	0	0	0	4	4	4	1	1	1	1	1	**0.3**	**15.0**
		-	-	0	0	0	0	0	0	0	0	0	0	0	**0.0**	**1.4**
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.0	**0.0**	**0.0**	**0.1**	**0.2**	**4.2**	**4.3**	**4.3**	**1.2**	**1.2**	**0.9**	**0.7**	**0.9**	**0.3**	**17.8**
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.0	**0.0**	**0.0**	**0.1**	**0.2**	**4.2**	**4.3**	**4.3**	**1.2**	**1.2**	**0.9**	**0.7**	**0.9**	**0.3**	**17.8**
		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Annual Unit Cost

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	DPCR4	DPCR5					RIIO-ED1							
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
		0.0	0.0	0.0	0.0	0.0	279.2	298.4	301.6	252.9	169.3	143.9	#VALUE!	222.7
		Err	Err	Err	11.4	6.7	7.5	8.6	9.8	9.0	8.8	8.6	8.5	8.5

Multi-Year Average Unit Cost

	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	2011-2012	2011-2013	2011-2014	2011-2015	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
				0.0	288.5	292.5	290.6	282.3	279.2	279.7	278.5
	#DIV/0!	#DIV/0!	16.0	9.6	8.2	8.8	8.9	8.9	8.8	8.8	8.7

By Cost Type

Labour																
Pensions																
Contractors																
Materials																
Wayleaves (inc Easements/Servitudes)																
Road Charges																
Rent																
Subscriptions																
Related Party Margins																
Total Gross Costs																
Customer Contributions																
Cost recoveries																
Total Net Costs																
Check - Cost Type to Category																

Activity Volumes

Category	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
		DPCR4		DPCR5				RIIO-ED1									
		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
High Value Projects	circuits		-	-	12	11	17	-	-	-	-	-	-	-	-	**40**	**-**
Total																	

Total Direct Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1									
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
		0.1	0.1	1.4	5.2	5.5									**12.2**	0
		0.1	**0.1**	**1.4**	**5.2**	**5.5**									**12.2**	0

Total Including High Value Projects

0.1	**0.1**	**1.4**	**5.3**	**5.6**	**4.2**	**4.3**	**4.3**	**1.2**	**1.2**	**0.9**	**0.7**	**0.9**	**12.6**	**17.8**

CV11: Resilience
SPN
Price base (2012/13)

Activity Volumes

Flood Mitigation Schemes - Fluvial and Coas	Voltage	Flooding Risk	Units	2010 DPCR4	2011 DPCR5	2012 RIIO-ED1	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
Substation	HV	1 in 100 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	HV	1 in 200 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	HV	1 in 1000 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	**HV**	**Total**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	EHV	1 in 100 event	#	-	-	-	2.00	2.00	1.00	1.00	1.00	1.00	1.00	-	1.00	-	-	**4.00**	**6.00**
Substation	EHV	1 in 200 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	EHV	1 in 1000 event	#	-	-	2.00	-	-	-	-	-	-	-	-	-	-	-	**2.00**	**-**
Substation	**EHV**	**Total**		-	-	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	-	1.00	-	-	**6.00**	**6.00**
Substation	132kV	1 in 100 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	132kV	1 in 200 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	132kV	1 in 1000 event	#	-	-	1.00	3.00	1.00	1.00	2.00	2.00	1.00	2.00	1.00	-	1.00	-	**5.00**	**10.00**
Substation	**132kV**	**Total**		-	-	1.00	3.00	1.00	1.00	2.00	2.00	1.00	2.00	1.00	-	1.00	-	**5.00**	**10.00**
Substation	275kV & 400kV	1 in 100 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	275kV & 400kV	1 in 200 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	275kV & 400kV	1 in 1000 event	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	**275kV & 400kV**	**Total**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Flooding Non-Site Specific Costs	All	Any	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																			

Flooding Site Surveys - Fluvial and Coastal	Voltage		Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
Substation	HV		#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	EHV		#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	132kV		#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	275kV & 400kV		#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																		**-**	**-**
Total																			

Flood Mitigation Schemes - Pluvial	Voltage	Flooding Risk	Units	2010 DPCR4	2011 DPCR5	2012 RIIO-ED1	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
Substation	HV	Any	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	EHV	Any	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	132kV	Any	#	-	-	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	-	**8.00**
Substation	275kV & 400kV	Any	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flooding Non-Site Specific Costs	All	Any	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																		**-**	**-**

Flooding Site Surveys - Pluvial	Voltage		Units	2010 DPCR4	2011 DPCR5	2012 RIIO-ED1	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
Substation	HV		#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation	EHV		#	-	-	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	-	**8.00**
Substation	132kV		#	-	-	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	-	**8.00**
Substation	275kV & 400kV		#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																		**-**	**-**
Total																			

By Cost Type

	2010 DPCR4	2011 DPCR5	2012 RIIO-ED1	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
Labour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Pensions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Contractors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Materials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Road Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total Gross Costs	**0.0**	**0.0**	**0.7**	**0.3**	**1.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.5**	**0.5**	**0.3**	**0.3**	**2.57**	**3.81**	
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total Net Costs	**0.0**	**0.0**	**0.7**	**0.3**	**1.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.5**	**0.5**	**0.3**	**0.3**	**2.57**	**3.81**	
Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Total Direct Costs

Flood Mitigation Schemes - Fluvial and Coas	2010 DPCR4 £m	2011 DPCR5 £m	2012 RIIO-ED1 £m	2013 £m	2014 £m	2015 £m	2016 £m	2017 £m	2018 £m	2019 £m	2020 £m	2021 £m	2022 £m	2023 £m	Total DPCR5 £m	Total RIIO-ED1 £m
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	-	0.34	0.48	0.25	0.25	0.25	0.25	0.25	0.25	0.09	0.09	**0.82**	**1.71**	
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Substation	0.02	0.02	0.32	-	-	-	-	-	-	-	-	-	-	**0.35**	**-**	
Substation	0.02	0.02	0.32	0.34	0.48	0.25	0.25	0.25	0.25	0.25	0.25	0.09	0.09	**1.17**	**1.71**	
Substation	-	-	0.01	-	-	-	-	-	-	-	-	-	-	**0.01**	**-**	
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Substation	-	0.01	0.32	-	1.03	0.23	0.23	0.23	0.23	0.10	0.10	0.10	0.10	**1.35**	**1.35**	
Substation	-	0.01	0.32	-	1.03	0.23	0.23	0.23	0.23	0.10	0.10	0.10	0.10	**1.36**	**1.35**	
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Flooding Non-Site Specific Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Total	**0.02**	**0.02**	**0.64**	**0.34**	**1.51**	**0.49**	**0.49**	**0.49**	**0.49**	**0.36**	**0.36**	**0.20**	**0.20**	**2.53**	**3.05**	

Flooding Site Surveys - Fluvial and Coastal	2010 DPCR4 £m	2011 DPCR5 £m	2012 RIIO-ED1 £m	2013 £m	2014 £m	2015 £m	2016 £m	2017 £m	2018 £m	2019 £m	2020 £m	2021 £m	2022 £m	2023 £m	Total DPCR5 £m	Total RIIO-ED1 £m
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	**0.01**	**-**
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total	**-**	**-**	**0.01**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.01**	**-**
Total	**0.02**	**0.02**	**0.65**	**0.34**	**1.51**	**0.49**	**0.49**	**0.49**	**0.49**	**0.36**	**0.36**	**0.20**	**0.20**	**2.54**	**3.05**	

Flood Mitigation Schemes - Pluvial	2010 DPCR4 £m	2011 DPCR5 £m	2012 RIIO-ED1 £m	2013 £m	2014 £m	2015 £m	2016 £m	2017 £m	2018 £m	2019 £m	2020 £m	2021 £m	2022 £m	2023 £m	Total DPCR5 £m	Total RIIO-ED1 £m
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	-	-	-	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-	**0.52**	
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Flooding Non-Site Specific Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total	-	-	-	-	-	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-	0.52	

Flooding Site Surveys - Pluvial	2010 DPCR4 £m	2011 DPCR5 £m	2012 RIIO-ED1 £m	2013 £m	2014 £m	2015 £m	2016 £m	2017 £m	2018 £m	2019 £m	2020 £m	2021 £m	2022 £m	2023 £m	Total DPCR5 £m	Total RIIO-ED1 £m
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	-	-	-	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**0.02**	**0.12**
Substation	-	-	-	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**0.02**	**0.12**
Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total	**-**	**-**	**-**	**-**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.24**
Total	**-**	**-**	**-**	**-**	**0.03**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.03**	**0.76**	

By Cost Type

	2010 DPCR4	2011 DPCR5	2012 RIIO-ED1	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
Labour	-	0.00	0.03	0.01	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	**0.10**	**0.14**	
Pensions	-	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.02**	**0.02**	
Contractors	0.02	0.02	0.62	0.32	1.47	0.56	0.56	0.56	0.56	0.43	0.43	0.28	0.28	**2.45**	**3.64**	
Materials	-	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.00**	
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Road Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Total Gross Costs	**0.0**	**0.0**	**0.7**	**0.3**	**1.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.5**	**0.5**	**0.3**	**0.3**	**2.57**	**3.81**	
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	
Total Net Costs	**0.0**	**0.0**	**0.7**	**0.3**	**1.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.5**	**0.5**	**0.3**	**0.3**	**2.57**	**3.81**	
Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Annual Unit Cost

Flood Mitigation Schemes - Fluvial and Coas	2010 DPCR4 £k/unit	2011 DPCR5 £k/unit	2012 RIIO-ED1 £k/unit	2013 £k/unit	2014 £k/unit	2015 £k/unit	2016 £k/unit	2017 £k/unit	2018 £k/unit	2019 £k/unit	2020 £k/unit	2021 £k/unit	2022 £k/unit	2023 £k/unit
Substation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Contributions														-	-
Cost recoveries														-	-
Total Net Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Check - Cost Type to Scheme Totals	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Critical National Infrastructure (from C19)

Scheme Name	Category															
National Grid Shared Site 1 Beddington	3	-	-	-	-	-	2.50	-	-	-	-	-	-	-	-	2.5
National Grid Shared Site 2 Sellindge	poss	-	-	-	-	-	-	-	-	2.50	-	-	-	-	-	2.5
National Grid Shared Site 3 Bolney	poss	-	-	-	-	-	-	-	-	-	3.00	1.00	-	-	-	4.0
National Grid Shared Site 4 Canterbury	poss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**Total**	-	-	-	-	-	**2.5**	-	-	**2.5**	**3.0**	**1.0**	-	-	-	9.0

By Cost Type

Labour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors	-	-	-	-	-	2.50	-	-	2.50	3.00	1.00	-	-	-	9.0
Materials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs	-	-	-	-	-	**2.5**	-	-	**2.5**	**3.0**	**1.0**	-	-	-	9.0
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs	-	-	-	-	-	**2.5**	-	-	**2.5**	**3.0**	**1.0**	-	-	-	9.0
Check - Cost Type to Scheme Totals	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

CV12: Environmental Reporting
SPN
Price base (2012/13)

Activity Volumes

Environmental Reporting	Units	2010 DPCR4	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
Visual Amenity	km removed		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil Pollution Mitigation Scheme - Cables	#		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil Pollution Mitigation Scheme - Operational Sites	#		22	5	-	5	5	5	5	5	5	5	5	5	5	37	40
Oil Pollution Mitigation Scheme - Non Operational Sites	#		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SF6 Emitted Mitigation Schemes	#		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Noise Pollution	# Interventions		20.00	3.00	5.00	5	5	5	5	5	5	5	5	5	5	38	40
Contaminated Land Clean Up	#		-	10	161	170	170	170	170	170	170	170	170	170	170	511	1.360
Loss Reduction Schemes	#							-	-	-	-	-	-	-	-		-
Environmental Civil Sanction	#		8	1	1	5	5	5	5	5	5	5	5	5	5	20	40
Total																	

Environmental Reporting (£m)	2010 DPCR4	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
Visual Amenity		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil Pollution Mitigation Scheme - Cables		0.71	0.27	-	-	-	-	-	-	-	-	-	-	-	0.97	-
Oil Pollution Mitigation Scheme - Operational Sites		0.34	0.20	0.08	0.32	0.35	0.31	0.31	0.31	0.28	0.22	0.22	0.22	0.31	1.29	2.19
Oil Pollution Mitigation Scheme - Non Operational Sites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SF6 Emitted Mitigation Schemes		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Noise Pollution		0.14	0.01	0.08	0.07	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.33	0.09
Contaminated Land Clean Up		-	-	0.33	0.10	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.53	0.51
Loss Reduction Schemes							-	-	-	-	-	-	-	-		-
Environmental Civil Sanction		0.01	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
Total		1.20	0.47	0.48	0.49	0.49	0.39	0.39	0.39	0.36	0.30	0.30	0.30	0.39	3.14	2.81

Environmental Reporting (£k/unit)	2010 DPCR4	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Visual Amenity		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oil Pollution Mitigation Scheme - Cables		Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oil Pollution Mitigation Scheme - Operational Sites		15.6	39.2	Err	64.6	70.3	61.9	61.9	61.9	56.3	44.9	44.9	44.9	61.9
Oil Pollution Mitigation Scheme - Non Operational Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SF6 Emitted Mitigation Schemes		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Noise Pollution		7.0	3.1	15.3	13.3	7.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Contaminated Land Clean Up		0.0	Err	2.0	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Loss Reduction Schemes		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Civil Sanction		1.5	0.4	Err	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

Environmental Reporting (£k/unit)	2 year 2011-201	3 year 011-201	4 year 011-201	DPCR5 011-201	2 year 2016-2017	3 year 2016-2018	4 year 2016-2019	5 year 2016-2020	6 year 2016-2021	7 year 2016-2022	RIIO-ED1 2016-2023
Visual Amenity				0.0							0.0
Oil Pollution Mitigation Scheme - Cables	####	####	####	Err							0.0
Oil Pollution Mitigation Scheme - Operational Sites	19.9	22.8	29.3	34.8	61.9	61.9	60.5	57.4	55.3	53.8	54.9
Oil Pollution Mitigation Scheme - Non Operational Sites				0.0							0.0
SF6 Emitted Mitigation Schemes				0.0							0.0
Noise Pollution	6.5	8.1	8.9	8.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Contaminated Land Clean Up		1.9	1.3	1.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Loss Reduction Schemes				0.0							0.0
Environmental Civil Sanction	1.4	1.3	1.0	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4

By Cost Type

By Cost Type (£m)	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Labour		0.07	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.12	0.04
Pensions		0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01
Contractors		1.10	0.43	0.46	0.47	0.47	0.37	0.37	0.37	0.34	0.29	0.29	0.29	0.37	2.92	2.68
Materials		0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08	0.08
Wayleaves (inc Easements/Servitudes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-
Total Gross Costs		1.20	0.47	0.48	0.49	0.49	0.39	0.39	0.39	0.36	0.30	0.30	0.30	0.39	3.14	2.81
Customer Contributions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs		1.20	0.47	0.48	0.49	0.49	0.39	0.39	0.39	0.36	0.30	0.30	0.30	0.39	3.14	2.81
Check - Cost Type to Category		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Cable Fluid	Type	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Cable	Single Core	33kV	Circuit km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Single Core	33kV	l/km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Single Core	33kV	Fluid ltrs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Three Core	33kV	Circuit km		470	470	465	465	459	454	450	450	450	450	447	445	436	2.330	3.584
Cable	Three Core	33kV	l/km		1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	7.500	12.000
Cable	Three Core	33kV	Fluid ltrs		705.000.0	705.000.0	698.100.0	698.100.0	689.100.0	681.600.0	675.600.0	675.600.0	675.600.0	675.600.0	670.350.0	667.800.0	654.300.0	3.495.300	5.376.450
Tanks		33kV	#		658	658	658	658	658	658	658	658	658	658	658	658	658	3.290	5.264
Tanks		33kV	Fluid ltrs		67.766	67.766	67.766	67.766	67.766	67.766	67.766	67.766	67.766	67.766	67.766	67.766	67.766	338.829	542.126
Cable Fluid	**Total**	**33kV**	**Fluid ltrs**		772.765.8	772.765.8	765.865.8	765.865.8	756.865.8	749.365.8	743.365.8	743.365.8	743.365.8	743.365.8	738.115.8	735.565.8	722.065.8	3.834.129	5.918.576
Cable	Single Core	66kV	Circuit km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Single Core	66kV	l/km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Single Core	66kV	Fluid ltrs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Three Core	66kV	Circuit km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Three Core	66kV	l/km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Three Core	66kV	Fluid ltrs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanks		66kV	#		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanks		66kV	Fluid ltrs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable Fluid	**Total**	**66kV**	**Fluid ltrs**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Single Core	132kV	Circuit km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Single Core	132kV	l/km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Single Core	132kV	Fluid ltrs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	Three Core	132kV	Circuit km		239	239	237	237	234	234	234	226	226	226	226	226	224	1.186	1.823
Cable	Three Core	132kV	l/km		5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	25.000	40.000
Cable	Three Core	132kV	Fluid ltrs		1.195.000.0	1.195.000.0	1.185.000.0	1.186.000.0	1.171.000.0	1.171.000.0	1.171.000.0	1.131.000.0	1.131.000.0	1.131.000.0	1.131.000.0	1.131.000.0	1.118.500.0	5.932.000	9.115.500
Tanks		132kV	#		-	-	326	326	326	326	326	326	326	326	326	326	326	978	2.608
Tanks		132kV	Fluid ltrs		-	-	33.574	33.574	33.574	33.574	33.574	33.574	33.574	33.574	33.574	33.574	33.574	100.722	268.592
Cable Fluid	**Total**	**132kV**	**Fluid ltrs**		1.195.000.0	1.195.000.0	1.218.574.0	1.219.574.0	1.204.574.0	1.204.574.0	1.204.574.0	1.164.574.0	1.164.574.0	1.164.574.0	1.164.574.0	1.164.574.0	1.152.074.0	6.032.722	9.384.092
Cable Fluid	**Total**		**Fluid ltrs**		1.967.765.8	1.967.765.8	1.984.439.8	1.985.439.8	1.961.439.8	1.953.939.8	1.947.939.8	1.907.939.8	1.907.939.8	1.907.939.8	1.902.689.8	1.900.139.8	1.874.139.8	9.866.851	15.302.668
Fluid Used to Top-up Cables	Total		Fluid ltrs		53.769	35.383	44.834	43.122	43.122	43.256	43.386	43.513	43.637	43.758	43.876	43.991	44.103	220.230	349.520
Fluid Used to Top-up Cables as a Percentage of Mass in Ser	Total		%		3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%		
Fluid recovered	Total		Fluid ltrs		2.213	2.534	1.195	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	8.142	8.800

SF6

SF6	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
SF6 Bank	kg		16.710	17.276	18.670	19.917	20.703	21.460	22.217	22.974	23.730	24.487	25.244	26.001	26.757	93.276	192.870
SF6 Emitted	kg		18	20	13	20	20	21	22	23	23	24	25	26	26	92	190
SF6 Emitted as a Percentage of SF6 Bank	%		0%	0%	0%	0%	0%										

Noise Pollution

Activity to mitigate complaint (e.g. Asset replacement, sound barrier erected)	Substation affected (where applicable)	Date of complaint	2011	2012	2013	DPCR5	£m 2011	£m 2012	£m 2013	£m DPCR5
as per previous submission/commentary	various	-	20	3	-	23.00	0	0	0	0.23
Survey by Env team. Installation of antivibration poads and	Green Lane Follkestone	Jun-12	-	-	1	1.00	-	-	-	-
Site survey by Env Team. Antivibration Pads installed	Marchmont Rd, Wallingotn	Jun-12	-	-	1	1.00	-	-	-	-
Antivibration pads fitted	Kingsnorth Road	41.192	-	-	1	1.00	-	-	-	-
Noise enclosures and screening	Rottingdean	40.118	-	-	1	1.00	-	-	-	-
Antivibration pads fitted	Berridale Avenue	39.814	-	-	1	1.00	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
Total			20.00	3.00	5.00	28.00	0.14	0.01	0.08	0.23

By Cost Type

By Cost Type	2011	2012	2013	DPCR5
Total Gross Costs	0	0	0	0.2
Customer Contributions	-	-	-	-
Cost recoveries	-	-	-	-
Total Net Costs	0.1	0.0	0.1	0.2
Check - Cost Type to Category	OK	OK	OK	OK

Losses

Expenditure Breakdown (by driver)	Investment Driver	2016	2017	2018	2019	2020	2021	2022	2023	RIIO-ED1
Low Loss Equipment	Asset Replacement	-	-	-	-	-	-	-	-	-
Low Loss Equipment	General Reinforcement	-	-	-	-	-	-	-	-	-
Low Loss Equipment	Fault Level Reinforcement	-	-	-	-	-	-	-	-	-
Low Loss Equipment	Loss Reduction	-	-	-	-	-	-	-	-	-
Low Loss Additional Actions	Loss Management	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-

Expenditure Breakdown (by driver) (£m)	2016	2017	2018	2019	2020	2021	2022	2023	RIIO-ED1
Low Loss Equipment - Asset Replacement	-	-	-	-	-	-	-	-	-
Low Loss Equipment - General Reinforcement	-	-	-	-	-	-	-	-	-
Low Loss Equipment - Fault Level Reinforcement	-	-	-	-	-	-	-	-	-
Low Loss Equipment - Loss Reduction	-	-	-	-	-	-	-	-	-
Low Loss Additional Actions - Loss Management	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-

Expenditure Breakdown (by driver) (£k/unit)	2016	2017	2018	2019	2020	2021	2022	2023
Low Loss Equipment - Asset Replacement	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Low Loss Equipment - General Reinforcement	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Low Loss Equipment - Fault Level Reinforcement	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Low Loss Equipment - Loss Reduction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Low Loss Additional Actions - Loss Management	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Multi-Year Average Unit Cost

Expenditure Breakdown (by driver) (£k/unit)	2011-201	011-201	011-201	011-201	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023
Low Loss Equipment - Asset Replacement				0.0							0.0
Low Loss Equipment - General Reinforcement				0.0							0.0
Low Loss Equipment - Fault Level Reinforcement				0.0							0.0
Low Loss Equipment - Loss Reduction				0.0							0.0
Low Loss Additional Actions - Loss Management				0.0							0.0
Other				0.0							0.0
Other				0.0							0.0
Other				0.0							0.0
Other				0.0							0.0

	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Activities	%		100	100	100	100	100	100	100	100	100	100	100	100	100	500	800

By Cost Type

By Cost Type (£m)	2016	2017	2018	2019	2020	2021	2022	2023	RIIO-ED1
Labour	-	-	-	-	-	-	-	-	-
Pensions	-	-	-	-	-	-	-	-	-
Contractors	-	-	-	-	-	-	-	-	-
Materials	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-
Road Charges	-	-	-	-	-	-	-	-	-
Rent	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-
Related Party Margins	-	-	-	-	-	-	-	-	-
Total Gross Costs	-	-	-	-	-	-	-	-	-
Customer Contributions	-	-	-	-	-	-	-	-	-
Cost recoveries	-	-	-	-	-	-	-	-	-
Total Net Costs	-	-	-	-	-	-	-	-	-

Check	2016	2017	2018	2019	2020	2021	2022	2023
Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total Gross Costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total Net Costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK

CV13: Activity Volumes - I&M
SPN
Price base (2012/13)

Activity Volumes

Asset category	Activity	Voltage	Units	2010/11 DPCR4	2011/12 DPCR5	2012/13 DPCR5	2013/14 DPCR5	2014/15 DPCR5	2015/16 DPCR5	2016/17 RIIO-ED1	2017/18 RIIO-ED1	2018/19 RIIO-ED1	2019/20 RIIO-ED1	2020/21 RIIO-ED1	2021/22 RIIO-ED1	2022/23 RIIO-ED1	2023/24 RIIO-ED1	Total DPCR5	Total RIIO-ED1
				#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Cut Outs	Inspections	LV	Cut Outs Inspected		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	Inspections	LV	Poles Inspected		23800.00	11682.00	13291.00	42047.63	39937.00	31649.00	31649.00	31649.00	31649.00	31649.00	31649.00	31649.00	31649.00	**130757.63**	**253192.00**
Overhead Pole Line	Repair & Maintenance	LV	Poles Repaired/Maintained		17395.00	544.00	4537.00	172.62	973.00	3321.00	3322.00	3326.00	3326.00	3330.00	3330.00	3334.00	3334.00	**23621.62**	**26623.00**
Overhead Pole Line	Shrouding Temporary	LV	Spans		313.00	552.00	621.00	845.02	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	**3131.02**	**6400.00**
LV UGB & LV Pillars (OD Street Located)	Inspections	LV	Units Inspected		26532.00	3316.00	2327.00	18402.45	4055.00	4055.00	4055.00	4055.00	4055.00	4055.00	4055.00	4055.00	4055.00	**54632.45**	**32440.00**
LV UGB & LV Pillars (OD Street Located)	Repair & Maintenance	LV	Units Repaired/Maintained		126.00	1307.00	1464.00	954.37	1006.00	1068.00	1076.00	1082.00	1097.00	1110.00	1144.00	1078.00	1079.00	**4857.37**	**8734.00**
Rising and Lateral Mains (RLM)	Inspections	LV	Mains Inspected																
Rising and Lateral Mains (RLM)	Repair & Maintenance	LV	Mains Repaired/Maintained																
LV Services Associated With RLM	Inspections	LV	Services Inspected																
LV Services Associated With RLM	Repair & Maintenance	LV	Services Repaired/Maintained																
Underground Cable and Services Other	Inspections	LV	Inspections		-	17558.00	10306.00	8202.56	12760.00	22531.00	34606.00	34606.00	34606.00	34606.00	34606.00	34431.00	34431.00	**48826.56**	**264423.00**
Underground Cable and Services Other	Repair & Maintenance	LV	Repairs/Maintenance		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	Inspections - Helicopter	HV	Line Inspected (km)		-	-	-	14444.86	11359.00	1150.00	1150.00	1150.00	1150.00	1150.00	1150.00	1150.00	1150.00	**25803.86**	**9200.00**
Overhead Pole Line	Inspections - Foot Patrol	HV	Poles Inspected		4853.00	19998.00	4001.00	14717.80	14814.00	11187.00	11187.00	11187.00	11187.00	11187.00	11187.00	11187.00	11187.00	**58383.80**	**89496.00**
Overhead Pole Line	Repair & Maintenance	HV	Poles Repaired/Maintained		12800.00	1516.00	2659.00	86.76	516.00	1780.00	1781.00	1783.00	1783.00	1784.00	1785.00	1787.00	1787.00	**17577.76**	**14270.00**
Underground Cable	Inspections	HV	Inspections		-	-	-	142.79	643.00	404.00	413.00	424.00	432.00	432.00	432.00	312.00	312.00	**785.79**	**3161.00**
Underground Cable	Repair & Maintenance	HV	Repairs		40.00	21.00	10.00	-	-	-	-	-	-	-	-	-	-	**71.00**	**-**
Substations - GM Indoor & Outdoor	Inspections	HV	Substation Inspections		12650.00	11542.00	10968.00	13468.80	14830.00	15196.00	15198.00	14835.00	15204.00	15190.00	14843.00	15197.00	15197.00	**63458.80**	**120860.00**
Substations - GM Third Party	Inspections	HV	Substation Inspections		-	1131.00	1230.00	-	-	-	-	-	-	-	-	-	-	**2361.00**	**-**
Substations - GM Indoor & Outdoor	Repair & Maintenance (Civil Works)	HV	Substation Repaired/Maintained		5726.00	454.00	39825.00	16809.94	17714.98	19773.73	20068.73	20349.63	20350.66	20352.63	20352.63	20352.63	17490.68	**80529.92**	**159091.34**
Substations - GM Third Party	Repair & Maintenance (Civil Works)	HV	Substation Repaired/Maintained		-	47.00	2878.00	-	-	-	-	-	-	-	-	-	-	**2925.00**	**-**
Circuit Breakers (GM) Primary	Repair & Maintenance	HV	Units Repaired/Maintained		2270.00	4987.00	2842.00	1784.93	3415.00	3599.00	3565.00	3697.00	3758.00	3753.00	3825.00	3720.00	3725.00	**15298.93**	**29642.00**
Circuit Breakers (GM) Secondary	Repair & Maintenance	HV	Units Repaired/Maintained		1995.00	336.00	412.00	48.80	60.00	73.00	56.00	57.00	41.00	53.00	70.00	69.00	63.00	**2851.80**	**482.00**
X Type RMU	Repair & Maintenance	HV	Units Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
GM Switchgear (Exc CBs and X Type RMU)	Repair & Maintenance	HV	Units Repaired/Maintained		1757.00	2868.00	5296.00	1241.77	1185.00	1574.00	1748.00	1919.00	1770.00	1557.40	1696.20	2374.40	2326.00	**12347.77**	**14965.00**
Protection Schemes	Repair & Maintenance	HV	Schemes Repaired/Maintained		809.00	96.00	743.00	1085.42	1014.00	1397.00	1418.00	1438.00	1459.00	1471.00	1458.00	1438.00	1418.00	**3747.42**	**11497.00**
GM Transformers	Repair & Maintenance	HV	Units Repaired/Maintained		935.00	1267.00	1352.00	700.42	866.00	1190.00	1327.00	1199.00	981.00	1168.00	1799.00	1417.00	1706.00	**5120.42**	**10787.00**
Batteries at GM Substations	Repair & Maintenance	HV	Batteries Repaired/Maintained		111.00	83.00	46.00	-	-	-	-	-	-	-	-	-	-	**240.00**	**-**
HV Pole Mounted CB	Repair & Maintenance	HV	Units Repaired/Maintained		43.00	-	116.00	-	-	-	-	-	-	-	-	-	-	**159.00**	**-**
HV Pole Mounted All Other	Repair & Maintenance	HV	Units Repaired/Maintained		258.00	381.00	9.00	69.59	57.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	**774.59**	**592.00**
Overhead Pole Line	Inspections - Helicopter	33 kV	Line Inspected (km)		-	-	1260.00	2493.49	1991.00	316.00	316.00	316.00	316.00	316.00	316.00	316.00	316.00	**5744.49**	**2528.00**
Overhead Pole Line	Inspections - Foot Patrol	33 kV	Poles Inspected		19666.00	2347.00	762.00	1002.27	1467.00	899.00	899.00	899.00	899.00	899.00	899.00	899.00	899.00	**25244.27**	**7192.00**
Overhead Pole Line	Repair & Maintenance	33 kV	Poles Repaired/Maintained		281.00	79.00	44.00	38.86	117.00	336.00	336.00	336.00	337.00	337.00	339.00	339.00	339.00	**559.86**	**2699.00**
Overhead Tower Line	Inspections - Helicopter	33 kV	Line Inspected (km)		-	239.00	-	16.53	20.00	9.57	9.57	9.57	9.57	9.57	9.57	9.57	9.57	**275.53**	**76.57**
Overhead Tower Line	Inspections - Foot Patrol	33 kV	Towers Inspected		1379.00	219.00	49.00	276.55	315.00	290.00	290.00	290.00	290.00	290.00	290.00	290.00	290.00	**2238.55**	**2320.00**
Overhead Tower Line	Repair & Maintenance	33 kV	Towers Repaired/Maintained		47.00	-	2.00	-	-	-	-	-	-	-	-	-	-	**49.00**	**-**
Underground Cable	Inspections	33 kV	Inspections		1.00	-	-	43.38	61.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	**105.38**	**744.00**
Underground Cable	Repair & Maintenance	33 kV	Repairs		996.00	1012.00	1031.00	-	-	-	-	-	-	-	-	-	-	**3039.00**	**-**
Substation	Inspections	33 kV	Substation Inspections		1380.00	478.00	7153.00	14342.74	12687.00	11271.00	11249.00	11249.00	11249.00	11249.00	11249.00	11249.00	11249.00	**36040.74**	**90014.00**
Substation	Repair & Maintenance (Civil Works)	33 kV	Substation Repaired/Maintained		810.00	108.00	900.00	734.31	809.50	669.00	776.00	776.00	776.00	756.00	699.00	699.00	740.00	**3361.81**	**5891.00**
Switchgear All Types	Repair & Maintenance	33 kV	Units Repaired/Maintained		2473.00	1103.00	726.00	305.47	700.00	708.00	696.00	728.00	695.00	718.00	669.00	692.00	463.00	**5307.47**	**5369.00**
Protection Schemes	Repair & Maintenance	33 kV	Schemes Repaired/Maintained		35.00	357.00	91.00	94.90	132.00	237.00	237.00	237.00	237.00	238.00	238.00	238.00	238.00	**709.90**	**1900.00**
Transformers	Repair & Maintenance	33 kV	Units Repaired/Maintained		492.00	958.00	740.00	11.75	13.00	16.00	19.00	20.00	20.00	20.00	19.00	21.00	19.00	**2214.75**	**154.00**
Batteries at 33 kV Substations	Repair & Maintenance	33 kV	Batteries Repaired/Maintained		150.00	89.00	210.00	-	-	-	-	-	-	-	-	-	-	**449.00**	**-**
Overhead Pole Line	Inspections - Helicopter	66kV	Line Inspected (km)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	Inspections - Foot Patrol	66kV	Poles Inspected		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	Repair & Maintenance	66 kV	Poles Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	Inspections - Helicopter	66kV	Line Inspected (km)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	Inspections	66 kV	Towers Inspected		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	Repair & Maintenance	66 kV	Towers Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Underground Cable	Inspections	66 kV	Inspections		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Underground Cable	Repair & Maintenance	66 kV	Repairs		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	Inspections	66 kV	Substation Inspections		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Substation	Repair & Maintenance (Civil Works)	66 kV	Substation Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear All Types	Repair & Maintenance	66 kV	Units Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection Schemes	Repair & Maintenance	66 kV	Schemes Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformers	Repair & Maintenance	66 kV	Units Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Batteries at 66 kV Substations	Repair & Maintenance	66 kV	Batteries Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	Inspections - Helicopter	132 kV	Line Inspected (km)		-	-	-	2.35	2.30	5.20	0.50	0.50	0.50	0.50	0.50	0.50	0.50	**4.65**	**8.70**
Overhead Pole Line	Inspections - Foot Patrol	132 kV	Poles Inspected		107.00	107.00	-	67.78	116.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	**397.78**	**416.00**
Overhead Pole Line	Repair & Maintenance	132 kV	Poles Repaired/Maintained		19.00	-	-	-	-	-	-	-	-	-	-	-	-	**19.00**	**-**
Overhead Tower Line	Inspections - Helicopter	132 kV	Line Inspected (km)		-	1606.00	2666.50	376.42	387.50	224.50	224.50	224.50	224.50	224.50	224.50	224.50	224.50	**5036.42**	**1796.00**
Overhead Tower Line	Inspections - Foot Patrol	132 kV	Towers Inspected		1084.00	714.00	266.00	3301.45	3692.00	3708.00	3708.00	3708.00	3708.00	3708.00	3708.00	3708.00	3708.00	**9057.45**	**29664.00**
Overhead Tower Line	Repair & Maintenance	132 kV	Towers Repaired/Maintained		870.00	10.00	167.00	-	43.00	129.00	-	-	-	-	-	-	-	**1090.00**	**129.00**
Underground Cable	Inspections	132 kV	Substation Inspections		-	1.00	-	719.40	795.00	497.00	498.00	497.00	498.00	497.00	498.00	497.00	498.00	**1515.40**	**3980.00**
Underground Cable	Repair & Maintenance	132 kV	Substation Repaired/Maintained		246.00	261.00	184.00	560.33	579.00	162.00	162.00	162.00	162.00	162.00	162.00	114.00	114.00	**1830.33**	**1200.00**
Substation	Inspections	132 kV	Substation Inspections		752.00	478.00	2265.00	15541.13	6131.00	4983.00	4976.00	4977.00	4982.00	4983.00	4976.00	4977.00	4981.00	**25167.13**	**39835.00**
Substation	Repair & Maintenance (Civil Works)	132 kV	Substation Repaired/Maintained		507.00	60.00	374.00	1054.69	1246.00	930.00	883.00	883.00	883.00	883.00	883.00	882.00	912.00	**3241.69**	**7139.00**
Switchgear All Types	Repair & Maintenance	132 kV	Units Repaired/Maintained		864.00	327.00	247.00	349.76	269.00	275.00	278.00	296.00	272.00	272.00	273.00	268.00	240.00	**2056.76**	**2174.00**
Protection Schemes	Repair & Maintenance	132 kV	Schemes Repaired/Maintained		7.00	33.00	3.00	312.70	461.00	419.00	419.00	419.00	421.00	427.00	421.00	419.00	418.00	**816.70**	**3363.00**
Transformers	Repair & Maintenance	132 kV	Units Repaired/Maintained		307.00	624.00	682.00	770.99	812.08	877.08	948.08	952.08	864.08	794.08	829.08	923.08	917.32	**3196.07**	**7104.90**
Batteries at 132 kV Substations	Repair & Maintenance	132 kV	Batteries Repaired/Maintained		61.00	15.00	73.00	39.77	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	**236.77**	**384.00**
Cable Tunnel	Inspections	All voltages	Tunnels Inspected		-	-	-	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	**14.00**	**56.00**
Cable Tunnel	Repair & Maintenance	All voltages	Tunnels Repaired/Maintained		-	-	-	-	7.00	4.00	4.00	4.00	4.00	3.00	3.00	3.00	5.00	**7.00**	**30.00**
Cable Bridge	Inspections	All voltages	Bridges Inspected		-	-	6.00	61.46	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	**135.46**	**544.00**
Cable Bridge	Repair & Maintenance	All voltages	Bridges Repaired/Maintained		2.00	-	-	30.73	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	**66.73**	**272.00**
Total																			

Total Direct Costs

Asset category	Activity	Voltage	Units	2010/11 DPCR4	2011/12 DPCR5	2012/13 DPCR5	2013/14 DPCR5	2014/15 DPCR5	2015/16 RIIO-ED1	2016/17 RIIO-ED1	2017/18 RIIO-ED1	2018/19 RIIO-ED1	2019/20 RIIO-ED1	2020/21 RIIO-ED1	2021/22 RIIO-ED1
				£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Cut Outs	Inspections	LV	Cut Outs Inspected		-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	Inspections	LV	Poles Inspected		0.59	0.30	0.33	0.53	0.51	0.39	0.38	0.38	0.37	0.37	0.36
Overhead Pole Line	Repair & Maintenance	LV	Poles Repaired/Maintained		0.15	0.12	0.11	0.01	0.03	0.10	0.10	0.10	0.10	0.09	0.09
Overhead Pole Line	Shrouding Temporary	LV	Spans		0.14	0.33	0.38	0.15	0.14	0.13	0.13	0.13	0.13	0.13	0.12
LV UGB & LV Pillars (OD Street Located)	Inspections	LV	Units Inspected		0.39	0.22	0.22	0.66	0.15	0.14	0.14	0.14	0.13	0.13	0.13
LV UGB & LV Pillars (OD Street Located)	Repair & Maintenance	LV	Units Repaired/Maintained		0.09	0.04	0.21	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.07
Rising and Lateral Mains (RLM)	Inspections	LV	Mains Inspected												
Rising and Lateral Mains (RLM)	Repair & Maintenance	LV	Mains Repaired/Maintained												
LV Services Associated With RLM	Inspections	LV	Services Inspected												
LV Services Associated With RLM	Repair & Maintenance	LV	Services Repaired/Maintained												
Underground Cable and Services Other	Inspections	LV	Inspections		-	0.06	0.20	0.08	0.17	0.22	0.32	0.32	0.31	0.31	0.31
Underground Cable and Services Other	Repair & Maintenance	LV	Repairs/Maintenance		-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	Inspections - Helicopter	HV	Line Inspected (km)		-	-	-	0.62	0.49	0.05	0.05	0.05	0.05	0.05	0.04
Overhead Pole Line	Inspections - Foot Patrol	HV	Poles Inspected		0.21	0.33	0.08	0.17	0.17	0.13	0.12	0.12	0.12	0.12	0.12
Overhead Pole Line	Repair & Maintenance	HV	Poles Repaired/Maintained		0.25	0.37	0.49	0.00	0.02	0.05	0.05	0.05	0.05	0.05	0.05
Underground Cable	Inspections	HV	Inspections		0.01	0.02	0.00	0.06	0.12	0.10	0.11	0.11	0.11	0.11	0.10
Underground Cable	Repair & Maintenance	HV	Repairs		-	-	0.01	-	-	-	-	-	-	-	-
Substations - GM Indoor & Outdoor	Inspections	HV	Substation Inspections		0.32	0.44	0.46	0.30	0.34	0.33	0.33	0.31	0.32	0.31	0.30
Substations - GM Third Party	Inspections	HV	Substation Inspections		-	-	0.00	-	-	-	-	-	-	-	-
Substations - GM Indoor & Outdoor	Repair & Maintenance (Civil Works)	HV	Substation Repaired/Maintained		1.32	1.48	1.49	1.18	1.24	1.33	1.33	1.33	1.32	1.30	1.28
Substations - GM Third Party	Repair & Maintenance (Civil Works)	HV	Substation Repaired/Maintained		-	-	0.00	-	-	-	-	-	-	-	-
Circuit Breakers (GM) Primary	Repair & Maintenance	HV	Units Repaired/Maintained		0.37	0.42	0.45	0.17	0.33	0.34	0.33	0.34	0.34	0.33	0.34
Circuit Breakers (GM) Secondary	Repair & Maintenance	HV	Units Repaired/Maintained		0.06	0.04	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
X Type RMU	Repair & Maintenance	HV	Units Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
GM Switchgear (Exc CBs and X Type RMU)	Repair & Maintenance	HV	Units Repaired/Maintained		0.46	1.06	1.38	0.39	0.37	0.47	0.52	0.57	0.52	0.45	0.48
Protection Schemes	Repair & Maintenance	HV	Schemes Repaired/Maintained		0.25	0.24	0.17	0.16	0.15	0.20	0.20	0.20	0.20	0.20	0.20
GM Transformers	Repair & Maintenance	HV	Units Repaired/Maintained		0.26	0.29	0.26	0.13	0.16	0.21	0.23	0.21	0.17	0.20	0.30
Batteries at GM Substations	Repair & Maintenance	HV	Batteries Repaired/Maintained		0.02	0.02	0.02	-	-	-	-	-	-	-	-
HV Pole Mounted CB	Repair & Maintenance	HV	Units Repaired/Maintained		-	-	0.00	-	-	-	-	-	-	-	-
HV Pole Mounted All Other	Repair & Maintenance	HV	Units Repaired/Maintained		0.16	0.12	0.05	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03
Overhead Pole Line	Inspections - Helicopter	33 kV	Line Inspected (km)		-	-	0.01	0.15	0.12	0.02	0.02	0.02	0.02	0.02	0.02
Overhead Pole Line	Inspections - Foot Patrol	33 kV	Poles Inspected		0.03	0.06	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	Repair & Maintenance	33 kV	Poles Repaired/Maintained		0.07	0.09	0.16	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Overhead Tower Line	Inspections - Helicopter	33 kV	Line Inspected (km)		-	0.02	-	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Tower Line	Inspections - Foot Patrol	33 kV	Towers Inspected		0.07	0.10	0.39	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Overhead Tower Line	Repair & Maintenance	33 kV	Towers Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Underground Cable	Inspections	33 kV	Inspections		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Underground Cable	Repair & Maintenance	33 kV	Repairs		0.62	0.82	0.38	-	-	-	-	-	-	-	-
Substation	Inspections	33 kV	Substation Inspections		0.22	0.41	0.69	1.15	1.12	0.68	0.67	0.66	0.65	0.64	0.64
Substation	Repair & Maintenance (Civil Works)	33 kV	Substation Repaired/Maintained		0.67	0.59	0.65	0.38	0.44	0.38	0.38	0.38	0.37	0.36	0.32
Switchgear All Types	Repair & Maintenance	33 kV	Units Repaired/Maintained		0.12	0.16	0.19	0.04	0.09	0.09	0.08	0.09	0.08	0.08	0.08
Protection Schemes	Repair & Maintenance	33 kV	Schemes Repaired/Maintained		0.55	0.55	0.08	0.03	0.04	0.06	0.06	0.06	0.06	0.06	0.06
Transformers	Repair & Maintenance	33 kV	Units Repaired/Maintained		0.28	0.43	0.36	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Batteries at 33 kV Substations	Repair & Maintenance	33 kV	Batteries Repaired/Maintained		0.04	0.03	0.05	-	-	-	-	-	-	-	-
Overhead Pole Line	Inspections - Helicopter	66kV	Line Inspected (km)		-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	Inspections - Foot Patrol	66kV	Poles Inspected		-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	Repair & Maintenance	66 kV	Poles Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	Inspections - Helicopter	66kV	Line Inspected (km)		-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	Inspections	66 kV	Towers Inspected		0.00	0.21	-	-	-	-	-	-	-	-	-
Overhead Tower Line	Repair & Maintenance	66 kV	Towers Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Underground Cable	Inspections	66 kV	Inspections		0.00	-	-	-	-	-	-	-	-	-	-
Underground Cable	Repair & Maintenance	66 kV	Repairs		-	-	-	-	-	-	-	-	-	-	-
Substation	Inspections	66 kV	Substation Inspections		-	-	-	-	-	-	-	-	-	-	-
Substation	Repair & Maintenance (Civil Works)	66 kV	Substation Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Switchgear All Types	Repair & Maintenance	66 kV	Units Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Protection Schemes	Repair & Maintenance	66 kV	Schemes Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Transformers	Repair & Maintenance	66 kV	Units Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Batteries at 66 kV Substations	Repair & Maintenance	66 kV	Batteries Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	Inspections - Helicopter	132 kV	Line Inspected (km)		-	-	-	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	Inspections - Foot Patrol	132 kV	Poles Inspected		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	Repair & Maintenance	132 kV	Poles Repaired/Maintained		-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	Inspections - Helicopter	132 kV	Line Inspected (km)		-	-	0.01	0.20	0.20	0.11	0.11	0.11	0.11	0.11	0.11
Overhead Tower Line	Inspections - Foot Patrol	132 kV	Towers Inspected		0.05	0.21	0.08	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15
Overhead Tower Line	Repair & Maintenance	132 kV	Towers Repaired/Maintained		-0.00	0.00	0.00	-	0.05	0.14	-	-	-	-	-
Underground Cable	Inspections	132 kV	Substation Inspections		0.01	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Underground Cable	Repair & Maintenance	132 kV	Substation Repaired/Maintained		0.88	0.27	0.21	0.40	0.48	0.16	0.16	0.15	0.15	0.15	0.15
Substation	Inspections	132 kV	Substation Inspections		0.28	0.42	0.42	1.43	0.79	0.43	0.42	0.42	0.41	0.41	0.40
Substation	Repair & Maintenance (Civil Works)	132 kV	Substation Repaired/Maintained		0.13	0.37	0.28	1.37	1.71	1.33	1.30	1.28	1.27	1.25	1.24
Switchgear All Types	Repair & Maintenance	132 kV	Units Repaired/Maintained		0.10	0.19	0.18	0.23	0.17	0.17	0.17	0.18	0.16	0.16	0.16
Protection Schemes	Repair & Maintenance	132 kV	Schemes Repaired/Maintained		0.21	0.19	0.06	0.21	0.32	0.28	0.27	0.27	0.27	0.26	0.26
Transformers	Repair & Maintenance	132 kV	Units Repaired/Maintained		0.33	0.29	0.38	0.52	0.54	0.56	0.60	0.60	0.53	0.49	0.50
Batteries at 132 kV Substations	Repair & Maintenance	132 kV	Batteries Repaired/Maintained		0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cable Tunnel	Inspections	All voltages	Tunnels Inspected		0.01	0.02	0.00	0.02	0.10	0.09	0.09	0.09	0.09	0.09	0.08
Cable Tunnel	Repair & Maintenance	All voltages	Tunnels Repaired/Maintained		-	0.00	0.00	-	0.04	0.02	0.02	0.02	0.02	0.01	0.01
Cable Bridge	Inspections	All voltages	Bridges Inspected		0.02	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cable Bridge	Repair & Maintenance	All voltages	Bridges Repaired/Maintained		-	-	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06
Total					**9.75**	**11.35**	**10.97**	**11.16**	**11.02**	**9.16**	**9.12**	**9.09**	**8.84**	**8.64**	**8.66**

By Cost Type

	2010/11 DPCR4	2011/12 DPCR5	2012/13 DPCR5	2013/14 DPCR5	2014/15 DPCR5	2015/16 RIIO-ED1	2016/17 RIIO-ED1	2017/18 RIIO-ED1	2018/19 RIIO-ED1	2019/20 RIIO-ED1	2020/21 RIIO-ED1	2021/22 RIIO-ED1
Labour		4.13	4.74	4.69	4.66	4.61	3.83	3.81	3.80	3.69	3.61	3.62	3.62
Pensions		0.55	0.82	0.69	0.80	1.09	1.01	0.95	0.95	0.88	0.82	0.78	0.74
Contractors		4.10	4.11	4.08	4.15	3.79	3.05	3.09	3.08	3.04	3.02	3.06	3.10
Materials		0.90	1.55	1.50	1.53	1.51	1.26	1.25	1.25	1.21

	AJ	AK	AL
4	2023	DPCR5	RIIO-ED1
5	£m	£m	£m
6	-	-	-
7	0.35	2.3	3.0
8	0.09	0.42	0.8
9	0.12	1.14	1.0
10	0.13	1.65	1.1
11	0.07	0.50	0.6
16	0.28	0.51	2.4
17	-	-	-
18	0.04	1.11	0.4
19	0.12	0.96	1.0
20	0.05	1.14	0.4
21	0.10	0.20	0.8
22	-	0.01	-
23	0.30	1.86	2.5
24	-	0.00	-
25	1.08	6.71	10.2
26	-	0.00	-
27	0.32	1.76	2.7
28	0.01	0.16	0.1
29	-	-	-
30	0.65	3.65	4.3
31	0.19	0.97	1.6
32	0.28	1.10	1.8
33	-	0.07	-
34	-	0.00	-
35	0.03	0.38	0.2
36	0.02	0.28	0.1
37	0.00	0.12	0.0
38	0.01	0.32	0.1
39	0.00	0.04	0.0
40	0.02	0.62	0.2
41	-	-	-
42	0.00	0.01	0.0
43	-	1.81	-
44	0.62	3.59	5.2
45	0.32	2.72	2.8
46	0.05	0.59	0.6
47	0.06	1.24	0.5
48	0.01	1.09	0.1
49	-	0.11	-
50	-	-	-
51	-	-	-
52	-	-	-
53	-	-	-
54	-	0.22	-
55	-	-	-
56	-	0.00	-
57	-	-	-
58	-	-	-
59	-	-	-
60	-	-	-
61	-	-	-
62	-	-	-
63	-	-	-
64	0.00	0.02	0.0
65	0.00	0.00	0.0
66	-	-	-
67	0.10	0.41	0.9
68	0.14	0.66	1.2
69	-	0.05	0.1
70	0.01	0.05	0.1
71	0.09	2.24	1.1
72	0.39	3.33	3.3
73	1.19	3.86	10.1
74	0.14	0.87	1.3
75	0.25	0.98	2.1
76	0.54	2.07	4.4
77	0.01	0.05	0.1
78	0.06	0.15	0.7
79	0.02	0.04	0.1
80	0.01	0.04	0.1
81	0.06	0.14	0.5
82	8.33	54.25	70.5

Annual Unit Cost

	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA
3	DPCR4	DPCR5					RIIO-ED1							
4	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
5	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9		0.4	0.6	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11		0.7	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20		0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21		Err	Err	Err	0.4	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22		Err	Err	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24		0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25		0.2	3.3	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26		0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27		0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28		0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30		0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31		0.3	2.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
32		0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
33		0.2	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34		Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35		0.6	0.3	5.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
36		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
37		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38		0.3	1.1	3.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39		0.0	0.1	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
40		0.1	0.4	8.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
41		Err	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42		1.7	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43		0.6	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44		0.2	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
45		0.8	5.5	0.7	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
46		0.0	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
47		15.8	1.5	0.9	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
48		0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
49		0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54		Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56		Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64		0.0	0.0	0.0	5.3	5.3	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.7
65		0.0	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66		Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67		0.0	Err	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
68		0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69		0.0	0.0	0.0	0.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70		Err	4.4	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71		3.6	1.0	1.1	0.7	0.8	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8
72		0.4	0.9	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
73		0.3	6.1	0.7	1.3	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.3
74		0.1	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75		29.8	5.7	18.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
76		1.1	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77		0.2	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
78		Err	Err	Err	3.4	13.6	13.0	12.8	12.6	12.5	12.3	12.2	12.0	9.0
79		0.0	Err	Err	0.0	5.3	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.7
80		Err	Err	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
81		Err	0.0	Err	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9

Multi-Year Average Unit Cost

	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM
3		2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
4		2011-2011	2011-2011	2011-2011	2011-2011	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023
5		£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
6					0.0							0.0
7		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9		0.5	0.6	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17					0.0							0.0
18				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21		#####	#####	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22			0.1	0.1	0.1							0.0
23		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24			0.0	0.0	0.0							0.0
25		0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26			0.0	0.0	0.0							0.0
27		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28		0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29					0.0							0.0
30		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31		0.5	0.4	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
32		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
33		0.2	0.3	0.3	0.3							0.0
34			0.0	0.0	0.0							0.0
35		0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
36			0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
37		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38		0.4	0.8	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39		0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
40		0.1	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
41					Err							0.0
42		4.4	13.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43		0.7	0.6	0.6	0.6							0.0
44		0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
45		1.4	1.0	0.9	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5
46		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
47		2.8	2.5	2.1	1.8	0.3	0.3	0.3	0.3	0.2	0.2	0.2
48		0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
49		0.3	0.2	0.2	0.2							0.0
50					0.0							0.0
51					0.0							0.0
52					0.0							0.0
53					0.0							0.0
54		#####	#####	#####	Err							0.0
55					0.0							0.0
56		#####	#####	#####	Err							0.0
57					0.0							0.0
58					0.0							0.0
59					0.0							0.0
60					0.0							0.0
61					0.0							0.0
62					0.0							0.0
63					0.0							0.0
64				5.3	5.3	5.1	5.1	5.1	5.1	5.0	5.0	5.0
65		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66					Err							0.0
67			0.0	0.0	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
68		0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69		0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70		12.3	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71		2.3	2.0	1.4	1.2	1.0	1.0	1.0	1.0	0.9	0.9	0.9
72		0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
73		0.9	0.8	1.1	1.2	1.5	1.5	1.4	1.4	1.4	1.4	1.4
74		0.2	0.3	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75		9.9	10.5	1.9	1.2	0.7	0.6	0.6	0.6	0.6	0.6	0.6
76		0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77		0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
78		#####	#####	7.6	10.6	12.9	12.8	12.7	12.6	12.6	12.5	12.0
79		#####	#####	#####	5.5	5.1	5.0	5.0	5.0	4.9	4.9	4.9
80		#####	3.3	0.4	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
81			0.3	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9

	AJ	AK	AL
85	2023	DPCR5	RIIO-ED1
86		£m	£m
87	3.48	22.83	29.46
88	0.67	3.96	6.79
89	3.02	20.23	24.47
90	1.14	6.99	9.67
91	0.00	0.01	0.00
92	0.01	0.09	0.10
93	-	-	-
94	-	-	-
95	0.00	0.16	0.01
96	8.3	54.25	70.50
97	-	-	-
98	-	-0.05	-
99	8.3	54.20	70.50
100			
101	OK		
102	OK		
103	OK		

Unit Cost by Activity Volume

Annual Unit Cost

	AJ	AK	AL	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA
108				DPCR4	DPCR5					RIIO-ED1							
109				2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
110				£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
111	0.35	2.26	2.95		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112	0.13	1.65	1.07		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113	-	-	-		0.0	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114	-	-	-		0.0	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115	0.28	0.51	2.36		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116	0.04	1.11	0.36		0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117	0.12	0.96	0.97		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118	0.10	0.20	0.85		Err	Err	Err	0.4	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
119	0.30	1.86	2.51		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120	-	0.00	-		0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121	0.02	0.28	0.14		0.0	0.0	0.0	0.5	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122	0.00	0.12	0.04		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123	0.00	0.04	0.04		0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124	0.02	0.62	0.21		0.1	0.4	8.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125	0.00	0.01	0.01		1.7	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126	0.62	3.59	5.19		0.2	1.3	1.8	3.1	3.0	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
127	-	-	-		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128	-	-	-		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129	-	-	-		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130	-	0.22	-		Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131	-	0.00	-		Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132	-	-	-		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133	0.00	0.02	0.04		0.0	0.0	0.0	5.3	5.3	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.7
134	0.00	0.00	0.01		0.0	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135	0.10	0.41	0.86		0.0	Err	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
136	0.14	0.66	1.21		0.0	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137	0.01	0.05	0.07		Err	4.4	Err	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138	0.39	3.33	3.29		0.4	2.7	2.7	19.3	10.6	1.9	5.9	0.6	2.7	2.7	5.4	5.4	1.8
139	0.06	0.15	0.67		Err	Err	Err	3.4	13.6	13.0	12.8	12.6	12.5	12.3	12.2	12.0	9.0
140	0.01	0.04	0.06		Err	Err	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

**Multi-Year

CV14: Tree cutting
SPN
Price base (2012/13)

Activity Volumes

		Voltage	2010 DPCR4 #	2011 #	2012 #	2013 DPCR5 #	2014 #	2015 #	2016 #	2017 #	2018 #	2019 RIIO-ED1 #	2020 #	2021 #	2022 #	2023 #	Total DPCR5 #	Total RIIO-ED1 #
Tree cutting: ENATS 43-8	Spans Cut	LV	Spans	15365.00	14445.00	11022.00	14509.50	14509.50	14509.50	14509.50	14509.50	14509.50	14509.50	14509.50	14509.50	14509.50	**69851.00**	**116076.00**
Tree cutting: ENATS 43-8	Spans Inspected (Tree Cutting)	LV	Spans	24342.00	22330.00	21149.00	24182.50	24182.50	24182.50	24182.50	24182.50	24182.50	24182.50	24182.50	24182.50	24182.50	**116.188**	**193460.00**
Tree cutting: ENATS 43-8	Spans Cut	HV	Spans	11053.00	7996.00	9015.00	9074.69	8692.39	8760.15	8760.15	8760.15	8760.15	8760.15	8760.15	8760.15	8760.15	**45.831**	**70081.20**
Tree cutting: ENATS 43-8	Spans Inspected (Tree Cutting)	HV	Spans	21758.00	18537.00	21167.00	20165.98	19316.43	19467.00	19467.00	19467.00	19467.00	19467.00	19467.00	19467.00	19467.00	**100.944**	**155736.00**
Tree cutting: ENATS 43-8	Spans Cut	EHV	Spans	1081.00	1574.00	2019.00	3285.90	3285.90	3285.90	3285.90	3285.90	3285.90	3285.90	3285.90	3285.90	3285.90	**11.246**	**26287.20**
Tree cutting: ENATS 43-8	Spans Inspected (Tree Cutting)	EHV	Spans	10193.00	10921.00	10557.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	**53.577**	**87624.00**
Tree cutting: ENATS 43-8	Spans Cut	132kV	Spans	861.00	1247.00	1126.00	2226.17	2226.17	2226.17	2226.17	2226.17	2226.17	2226.17	2226.17	2226.17	2226.17	**7.686**	**17809.37**
Tree cutting: ENATS 43-8	Spans Inspected (Tree Cutting)	132kV	Spans	4095.00	3751.00	4218.00	3773.17	3773.17	3773.17	3773.17	3773.17	3773.17	3773.17	3773.17	3773.17	3773.17	**19.610**	**30185.38**
Tree cutting: ENATS 43-8	**Total**																	
Tree cutting: ETR 132	ETR 132 Stand alone	HV	Overhead Network Length Cleared (km)	-	-	-	14.40	-	12.00	24.00	36.00	46.00	58.00	58.00	58.00	58.00	**14**	**350.00**
Tree cutting: ETR 132	ETR 132 - In addition to 43-8 clearance work	HV	Overhead Network Length Cleared (km)	3.03	2.93	73.14	-	-	-	-	-	-	-	-	-	-	**79**	**-**
Tree cutting: ETR 132	ETR 132 - As Part of OHL Replacement	HV	Overhead Network Length Cleared (km)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Tree cutting: ETR 132	Sub Total	HV	Overhead Network Length Cleared (km)	3	3	73	14	-	12	24	36	46	58	58	58	58	**93**	**350.00**
Tree cutting: ETR 132	ETR 132 Stand alone	EHV	Overhead Network Length Cleared (km)	-	-	-	-	-	2.00	3.00	4.00	6.00	12.00	12.00	12.00	12.00	**-**	**63.00**
Tree cutting: ETR 132	ETR 132 - In addition to 43-8 clearance work	EHV	Overhead Network Length Cleared (km)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Tree cutting: ETR 132	ETR 132 - As Part of OHL Replacement	EHV	Overhead Network Length Cleared (km)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Tree cutting: ETR 132	Sub Total	EHV	Overhead Network Length Cleared (km)	-	-	-	-	-	2	3	4	6	12	12	12	12	**-**	**63.00**
Tree cutting: ETR 132	ETR 132 Stand alone	132kV	Overhead Network Length Cleared (km)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Tree cutting: ETR 132	ETR 132 - In addition to 43-8 clearance work	132kV	Overhead Network Length Cleared (km)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Tree cutting: ETR 132	ETR 132 - As Part of OHL Replacement	132kV	Overhead Network Length Cleared (km)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Tree cutting: ETR 132	Sub Total	132kV	Overhead Network Length Cleared (km)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Tree cutting: ETR 132	**Total**		**Overhead Network Length Cleared (km)**	**3**	**3**	**73**	**14**	**-**	**14**	**27**	**40**	**52**	**70**	**70**	**70**	**70**	**93**	**413.00**
Total Tree cutting (ENATS 43-8 and ETR 132)																		

Total Direct Costs

	DPCR4 2010 £m	DPCR5 2011 £m	2012 £m	2013 £m	2014 £m	2015 £m	RIIO-ED1 2016 £m	2017 £m	2018 £m	2019 £m	2020 £m	2021 £m	2022 £m	2023 £m	Total DPCR5 £m	Total RIIO-ED1 £m
	2.82	2.48	2.78	5.05	2.48	3.53	3.48	3.43	3.39	3.35	3.30	3.27	3.22	**13.6**	**27.0**
	0.03	0.03	0.03	0.20	0.15	0.16	0.14	0.14	0.14	0.14	0.14	0.14	0.13	**0.4**	**1.1**
	3.50	3.90	3.57	1.52	2.94	2.95	2.91	2.87	2.84	2.80	2.77	2.74	2.70	**15.4**	**22.6**
	0.11	0.12	0.11	0.08	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16	**0.6**	**1.3**
	0.92	1.02	1.00	0.91	0.80	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	**4.7**	**6.1**
	-	-	-	0.12	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	**0.2**	**0.8**
	0.26	0.22	0.47	0.36	0.36	0.36	0.35	0.35	0.34	0.34	0.34	0.33	0.33	**1.7**	**2.8**
	0.00	0.00	0.00	0.04	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	**0.1**	**0.5**
	8	**8**	**8**	**6**	**7**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**7**	**36.7**	**62.2**
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	0.02	-	0.11	0.21	0.31	0.35	0.49	0.48	0.48	0.47	**0.02**	**3.0**
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	0.02	0.03	0.03	0.05	0.10	0.10	0.10	0.10	**-**	**0.5**
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	**0**	-	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**0**	**3.5**
	8	**8**	**8**	**6**	**7**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**37**	**65.7**
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7.6	**7.8**	**8.0**	**6.3**	**7.1**	**8.3**	**8.3**	**8.3**	**8.3**	**8.3**	**8.2**	**8.1**	**8.0**	36.76	**65.7**
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7.6	**7.8**	**8.0**	**6.3**	**7.1**	**8.3**	**8.3**	**8.3**	**8.3**	**8.3**	**8.2**	**8.1**	**8.0**	36.76	**65.7**

Annual Unit Cost

	DPCR4 2010 £k/unit	DPCR5 2011 £k/unit	2012 £k/unit	2013 £k/unit	2014 £k/unit	2015 £k/unit	RIIO-ED1 2016 £k/unit	2017 £k/unit	2018 £k/unit	2019 £k/unit	2020 £k/unit	2021 £k/unit	2022 £k/unit	2023 £k/unit
		0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.3	0.5	0.4	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.3	1.6	1.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		Inf	Inf	Inf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.3	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Inf	Inf	Inf	1.2	0.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
		0.0	0.0	0.0	0.0	0.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Inf	Inf	Inf	1.2	0.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2

Multi-Year Average Unit Cost

	2 year 2011-2012 £k/unit	3 year 2011-2013 £k/unit	4 year 2011-2014 £k/unit	DPCR5 2011-2015 £k/unit	2 year 2016-2017 £k/unit	3 year 2016-2018 £k/unit	4 year 2016-2019 £k/unit	5 year 2016-2020 £k/unit	6 year 2016-2021 £k/unit	7 year 2016-2022 £k/unit	RIIO-ED1 2016-2023 £k/unit
	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.7	0.6	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			0.2	0.2	8.8	8.8	8.7	8.6	8.6	8.5	8.4
			0.0	0.0	8.8	8.8	8.7	8.6	8.5	8.5	8.4
			0.0								0.0
			0.2	0.2	8.8	8.8	8.7	8.6	8.5	8.5	8.4

By Cost Type

Labour	0.17	0.06	0.10	0.08	0.08	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.49	**0.8**
Pensions	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	**0.1**
Contractors	7.43	7.66	7.84	6.22	6.98	8.13	8.14	8.14	8.14	8.19	8.09	8.00	7.89	36.11	**64.7**
Materials	0.03	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09	**0.1**
Wayleaves (inc Easements/Servitudes)		0.00												0.00	**-**
Road Charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Total Gross Costs	**7.6**	**7.8**	**8.0**	**6.3**	**7.1**	**8.3**	**8.3**	**8.3**	**8.3**	**8.3**	**8.2**	**8.1**	**8.0**	36.76	**65.7**
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Total Net Costs	**7.6**	**7.8**	**8.0**	**6.3**	**7.1**	**8.3**	**8.3**	**8.3**	**8.3**	**8.3**	**8.2**	**8.1**	**8.0**	36.76	**65.7**

Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total gross costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total net costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

NETWORK PARAMETERS AND ENATS 43-8 TREE CUTTING POLICY

Network parameters	Overhead Network Length	LV	(km)	4565.00	4283.00	4283.00	4552.00	4552.00	4552.00	4552.00	4552.00	4552.00	4552.00	4552.00	4552.00	4552.00	4552.00
	Spans	LV	(#)	91014.00	91014.00	91014.00	96730.00	96730.00	96730.00	96730.00	96730.00	96730.00	96730.00	96730.00	96730.00	96730.00	96730.00
	Span length Average	LV	(m)	47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00
	Spans affected by trees	LV	(#)	86463.00	86463.00	86463.00	88463.00	88463.00	88463.00	88463.00	88463.00	88463.00	88463.00	88463.00	88463.00	88463.00	88463.00
	Spans not affected by trees	LV	(#)	4551.00	4551.00	-	8267.00	8267.00	8267.00	8267.00	8267.00	8267.00	8267.00	8267.00	8267.00	8267.00	8267.00
Tree cutting policy	Reactive/Proactive (R/P)	LV		P	P	P	P	P	P	P	P	P	P	P	P	P	P
	Tree Cutting cycle	LV	(yrs)	4.00	4.00	4.00	-	-	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Network parameters	Overhead Network Length	HV	(km)	5561.00	5619.00	5619.00	5556.00	5556.00	5556.00	5556.00	5556.00	5556.00	5556.00	5556.00	5556.00	5556.00	5556.00
	Spans	HV	(#)	58999.00	58999.00	58999.00	58338.00	58338.00	58338.00	58338.00	58338.00	58338.00	58338.00	58338.00	58338.00	58338.00	58338.00
	Span length Average	HV	(m)	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00
	Spans affected by trees	HV	(#)	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00	51860.00
	Spans not affected by trees	HV	(#)	7139.00	7139.00	-	6478.00	6478.00	6478.00	6478.00	6478.00	6478.00	6478.00	6478.00	6478.00	6478.00	6478.00
Tree cutting policy	Reactive/Proactive (R/P)	HV		P	P	P	P	P	P	P	P	P	P	P	P	P	P
	Tree Cutting cycle	HV	(yrs)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Network parameters	Overhead Network Length	EHV	(km)	1210.00	1173.00	1173.00	1217.00	1217.00	1217.00	1217.00	1217.00	1217.00	1217.00	1217.00	1217.00	1217.00	1217.00
	Spans	EHV	(#)	10557.00	9738.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00	10953.00
	Span length Average	EHV	(m)	111.00	120.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
Spans affected by trees	Spans affected by trees	EHV	(#)	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00	8762.00
	Spans not affected by trees	EHV	(#)	1795.00	1795.00	-	2191.00	2191.00	2191.00	2191.00	2191.00	2191.00	2191.00	2191.00	2191.00	2191.00	2191.00
Tree cutting policy	Reactive/Proactive (R/P)	EHV		P	P	P	P	P	P	P	P	P	P	P	P	P	P
	Tree Cutting cycle	EHV	(yrs)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Network parameters	Overhead Network Length	132kV	(km)	1161.00	1260.00	1260.00	1161.00	1161.00	1161.00	1161.00	1161.00	1161.00	1161.00	1161.00	1161.00	1161.00	1161.00
	Spans	132kV	(#)	4095.00	4095.00	4095.00	3773.00	3773.00	3773.00	3773.00	3773.00	3773.00	3773.00	3773.00	3773.00	3773.00	3773.00
	Span length Average	132kV	(m)	307.00	307.00	307.00	308.00	308.00	308.00	308.00	308.00	308.00	308.00	308.00	308.00	308.00	308.00
Spans affected by trees	Spans affected by trees	132kV	(#)	-	3116.00	3116.00	3116.00	3116.00	3116.00	3116.00	3116.00	3116.00	3116.00	3116.00	3116.00	3116.00	3116.00
	Spans not affected by trees	132kV	(#)	4095.00	979.00	-	657.00	657.00	657.00	657.00	657.00	657.00	657.00	657.00	657.00	657.00	657.00
Tree cutting policy	Reactive/Proactive (R/P)	132kV		P	P	P	P	P	P	P	P	P	P	P	P	P	P
	Tree Cutting cycle	132kV	(yrs)	1.00	1.00	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Progress against ETR 132

															% Check
Network parameters	Overhead Network Length - Total	HV	(km)	-											
	Overhead Network Length Cleared to meet ETR 132 standard	HV	(km)	3	3	73	14	-	12	24	36	46	58	58	58	
	Overhead Network Length Cleared - total meeting ETR 132 standard	HV	(km)	-												
	Overhead Network Length Cleared - total meeting ETR 132 standard	HV	%	-												OK
Network parameters	Overhead Network Length - Total	EHV	(km)	-												
	Overhead Network Length Cleared to meet ETR 132 standard	EHV	(km)	-					2	3	4	6	12	12	12	12
	Overhead Network Length Cleared - total meeting ETR 132 standard	EHV	(km)	-												
	Overhead Network Length Cleared - total meeting ETR 132 standard	EHV	%	-												OK
Network parameters	Overhead Network Length - Total	132kV	(km)	-												
	Overhead Network Length - Total	132kV	(km)	-												
	Overhead Network Length Cleared - total meeting ETR 132 standard	132kV	(km)	-												
	Overhead Network Length Cleared - total meeting ETR 132 standard	132kV	%	-												OK

MTP All Incidents (Exc 1 in 20 Year Events)(inc Troublecall)
SPN
Price base (2012/13)

Volumes

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
		DPCR4			DPCR5						RIIO-ED1					
Unplanned incidents on Power System Voltage Equipment - Non Damage Incidents Only		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
LV Network	Supply Restoration by Switching Only (Non Damage Fault)		1,883	1,722	2,769	2,626	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	10,925.0
HV Network (11 kV & 20 kV)	Supply Restoration by Switching Only (Non Damage Fault)		313	865	941	1,060	1,701	706	706	706	706	706	706	706	706	4,880.0
EHV Network (22 kV, 33 kV & 66 kV)	Supply Restoration by Switching Only (Non Damage Fault)		19	25	11	24	103	18	18	18	18	18	18	18	18	182.0
132 kV Network	Supply Restoration by onsite switching only		3	2	8	6	18	4	4	4	4	4	4	4	4	37.0
Unplanned incidents on Power System Voltage Equipment - TOTAL Non Damage Incidents Only			2,218.0	2,614.0	3,729.0	3,716.0	3,747.0	2,653.0	2,653.0	2,653.0	2,653.0	2,653.0	2,653.0	2,653.0	2,653.0	16,024.0
Unplanned incidents on Power System Voltage Equipment - Damage Incidents Requiring Asset Repair/Replacement																
LV Services (excluding cut out incidents)	Overhead		912	945	843	723	813	813	813	813	813	813	813	813	813	4,236.0
LV Services (excluding cut out incidents)	Underground		2,537	2,601	2,465	1,952	2,541	2,567	2,592	2,618	2,644	2,671	2,698	2,725	2,751	12,096.0
LV Network	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
LV Network	UG Cables (Non CONSAC) - Asset Repair/Replacement Required		2,137	1,999	2,219	2,190	1,999	2,002	2,005	2,008	2,011	2,015	2,018	2,022	2,026	10,544.0
LV Network	UG Cables (CONSAC) - Asset Repair/Replacement Required		13	2	1	4	18	18	18	18	18	18	18	18	18	38.0
LV Network	OH Lines - Asset Repair/Replacement Required		640	770	346	319	953	944	934	924	915	906	897	888	879	3,028.0
LV Network	All Other Switchgear, Plant & Equipment - Asset Repair/Replacement Required		363	344	330	356	432	432	432	432	432	432	432	432	432	1,825.0
HV Network (11 kV & 20 kV)	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
HV Network (11 kV & 20 kV)	UG Cables - Asset Repair/Replacement Required		826	715	746	773	819	819	819	819	819	819	819	819	819	3,879.0
HV Network (11 kV & 20 kV)	OH Lines - Asset Repair/Replacement Required		406	663	245	318	642	636	629	621	616	610	604	597	593	2,274.0
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear Circuit Breakers - Asset Repair/Replacement Required		-	-	1	3	3	3	3	3	3	3	3	3	3	8.0
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear (All Types ex CB) Asset Repair/Replacement Required		15	3	8	35	26	26	26	26	26	26	26	26	26	87.0
HV Network (11 kV & 20 kV)	Pole Mounted Transformers - Asset Repair/Replacement Required		24	74	52	63	208	80	80	80	80	80	80	80	80	421.0
HV Network (11 kV & 20 kV)	All Other Plant and Equipment (inc GM transformers) - Asset Repair/Replacement Required		836	963	216	217	309	309	309	309	309	309	309	309	309	2,541.0
EHV Network (22 kV, 33 kV & 66 kV)	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		-	-	1	1	1	1	1	1	1	1	1	1	1	3.0
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		19	20	24	26	16	16	16	16	16	16	16	16	16	105.0
EHV Network (22 kV, 33 kV & 66 kV)	OH Lines - Asset Repair/Replacement Required		19	23	12	19	19	19	19	19	19	19	19	19	19	92.0
EHV Network (22 kV, 33 kV & 66 kV)	All Other Plant and Equipment - Asset Repair/Replacement Required		63	78	21	23	49	49	50	50	50	51	51	51	51	234.0
132 kV Network	Supply Restoration by onsite switching only		-	-	-	-	-	-	-	-	-	-	-	-	-	-
132 kV Network	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		2	-	-	1	2	1	2	1	2	1	2	1	2	5.0
132 kV Network	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		3	2	5	4	2	2	2	2	2	2	2	2	2	16.3
132 kV Network	OH Lines - Asset Repair/Replacement Required		3	7	2	1	4	4	4	4	4	4	4	4	4	17.0
132 kV Network	All Other Plant and Equipment - Asset Repair/Replacement Required		28	19	12	16	112	113	114	115	115	117	118	119	119	187.0
HV Network (11 kV & 20 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-	-	-	-	-	-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-	-	-	-	-	-	-	-	-	-
132 kV Network	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unplanned incidents on Power System Voltage Equipment - Total Damage Incidents Requiring Asset Repair/Replacement			8,846.0	9,228.0	7,548.0	7,064.0	8,968.3	8,854.3	8,868.3	8,879.3	8,895.3	8,913.3	8,930.3	8,945.3	8,963.3	41,634.3

Total Direct Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
	DPCR4			DPCR5						RIIO-ED1					
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
	0.31	0.39	0.71	0.92	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	2.78
	1.02	1.03	1.19	2.25	0.61	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	6.10
	0.05	0.05	-	0.00	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.15
	-	0.00	-	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
	1.38	1.48	1.91	3.18	1.10	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	9.04
	0.65	0.75	0.47	0.71	0.54	0.53	0.52	0.51	0.50	0.49	0.48	0.48	0.49	0.49	3.11
	4.24	4.12	5.67	4.49	3.58	3.59	3.60	3.60	3.59	3.59	3.61	3.64	3.73	22.10	28.95
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	13.26	12.69	10.28	10.12	5.58	5.58	5.54	5.44	5.38	5.32	5.29	5.30	5.40	51.95	43.25
	0.00	0.00	-	0.01	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.39
	0.67	0.50	0.85	0.86	1.42	1.38	1.35	1.33	1.30	1.27	1.25	1.24	1.24	4.31	10.36
	2.75	3.38	1.34	0.63	0.52	0.52	0.52	0.51	0.50	0.50	0.49	0.49	0.50	8.63	4.04
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7.72	7.19	6.41	10.24	6.06	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99	37.62	47.90
	1.54	2.07	0.63	0.67	1.60	1.59	1.57	1.55	1.54	1.52	1.51	1.49	1.48	6.52	12.23
	0.02	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03
	0.01	0.22	-	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.27	0.25
	0.09	0.66	0.48	0.68	0.78	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	2.20	0.88
	3.08	2.57	2.88	2.08	1.78	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	12.39	13.99
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.34
	0.18	0.23	0.74	0.27	0.17	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	1.59	1.31
	0.04	0.02	0.15	0.17	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.43	0.64
	0.04	0.00	0.00	0.02	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.17	0.89
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.01	-	-	0.01	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.56
	0.03	0.02	0.05	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.17	0.30
	0.01	0.01	0.01	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.07	0.27
	0.01	0.00	0.00	0.02	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.17	1.15
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	34.36	34.40	29.97	31.08	22.15	21.78	21.70	21.54	21.41	21.30	21.24	21.26	21.46	####	171.69

Annual Unit Cost

	2010	2011	2012	2013	2014	2014	2015	2018	2018	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	0.17	0.23	0.26	0.35	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
	3.25	1.19	1.27	2.13	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
	2.79	2.18	###	0.11	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
	###	2.14	###	0.25	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
	0.62	0.56	0.51	0.86	0.29	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
	0.71	0.79	0.56	0.98	0.66	0.65	0.64	0.63	0.61	0.60	0.59	0.59	0.61
	1.67	1.58	2.30	2.30	1.41	1.40	1.39	1.37	1.36	1.35	1.34	1.34	1.35
	-	-	-	-	-	-	-	-	-	-	-	-	-
	6.21	6.35	4.63	4.62	2.79	2.79	2.76	2.71	2.67	2.64	2.62	2.62	2.67
	0.25	0.70	###	1.39	2.77	2.76	2.75	2.73	2.72	2.70	2.70	2.70	2.71
	1.05	0.65	2.45	2.71	1.50	1.46	1.45	1.43	1.42	1.41	1.40	1.40	1.41
	7.59	9.83	4.07	1.78	1.21	1.21	1.20	1.18	1.17	1.15	1.15	1.15	1.16
	-	-	-	-	-	-	-	-	-	-	-	-	-
	9.34	10.05	8.60	13.25	7.40	7.31	7.31	7.31	7.31	7.31	7.31	7.31	7.31
	3.79	3.13	2.57	2.12	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49
	###	-	-	1.68	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
	0.71	72.96	###	0.38	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
	3.76	8.92	3.31	10.87	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
	3.69	2.67	13.31	9.58	5.78	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.66
	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	###	25.19	42.44	42.44	42.44	42.44	42.44	42.44	42.44	42.44	42.44
	9.24	11.41	30.76	10.50	10.92	10.20	10.20	10.20	10.20	10.20	10.20	10.20	10.43
	2.26	0.78	12.61	8.94	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21
	0.63	0.00	0.14	0.96	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
	-	-	-	-	-	-	-	-	-	-	-	-	-
	7.10	-	-	8.36	34.87	69.75	34.87	69.75	34.87	69.75	34.87	69.75	34.87
	10.35	9.65	10.18	7.99	16.17	16.17	16.17	16.17	16.17	16.17	16.17	16.17	16.17
	2.73	1.82	5.48	0.01	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56
	0.44	0.00	0.04	1.03	1.25	1.24	1.24	1.24	1.24	1.24	1.23	1.23	1.23
	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
	3.88	3.73	3.97	4.41	2.47	2.46	2.45	2.43	2.41	2.39	2.38	2.38	2.39

Multi-Year Average Unit Cost

	2 year 2011-2012 £k/unit	3 year 2011-2013 £k/unit	4 year 2011-2014 £k/unit	DPCR5 2011-2015 £k/unit	2 year 2015-2016 £k/unit	3 year 2016-2017 £k/unit	4 year 2016-2018 £k/unit	5 year 2016-2019 £k/unit	6 year 2016-2020 £k/unit	7 year 2016-2021 £k/unit	RIIO-ED1 2016-2023 £k/unit
	0.20	0.22	0.26	0.25	0.23	0.23	0.23	0.23	0.23	0.23	0.23
	1.74	1.53	1.73	1.25	0.36	0.36	0.36	0.36	0.36	0.36	0.36
	2.43	###	###	###	0.35	0.35	0.35	0.35	0.35	0.35	0.35
	###	###	###	###	0.37	0.37	0.37	0.37	0.37	0.37	0.37
	0.59	0.56	0.65	0.55	0.27	0.27	0.27	0.27	0.27	0.27	0.27
	0.75	0.69	0.75	0.73	0.64	0.64	0.63	0.62	0.62	0.61	0.61
	1.63	1.84	1.94	1.83	1.39	1.39	1.38	1.37	1.37	1.36	1.36
	-	-	-	-	-	-	-	-	-	-	-
	6.28	5.70	5.43	4.93	2.77	2.75	2.73	2.71	2.70	2.69	2.68
	0.31	###	###	###	2.75	2.75	2.74	2.73	2.73	2.72	2.72
	0.81	1.15	1.39	1.42	1.45	1.45	1.44	1.43	1.43	1.42	1.42
	8.68	7.21	5.82	4.73	1.20	1.19	1.19	1.18	1.17	1.17	1.17
	-	-	-	-	-	-	-	-	-	-	-
	9.67	9.32	10.31	9.70	7.31	7.31	7.31	7.31	7.31	7.31	7.31
	3.38	3.23	3.01	2.87	2.49	2.49	2.49	2.49	2.49	2.49	2.49
	###	###	###	###	1.40	1.40	1.40	1.40	1.40	1.40	1.40
	12.75	###	###	###	1.20	1.20	1.20	1.20	1.20	1.20	1.20
	7.76	6.26	9.03	5.22	1.33	1.33	1.33	1.33	1.33	1.33	1.33
	3.14	4.23	4.75	4.88	5.66	5.66	5.66	5.66	5.66	5.66	5.66
	-	-	-	-	-	-	-	-	-	-	-
	-	###	###	###	42.44	42.44	42.44	42.44	42.44	42.44	42.44
	10.37	18.14	15.91	15.15	10.20	10.20	10.20	10.20	10.20	10.20	10.23
	0.59	3.26	4.74	4.63	4.21	4.21	4.21	4.21	4.21	4.21	4.21
	0.28	0.26	0.35	0.74	2.20	2.20	2.20	2.20	2.20	2.20	2.20
	-	-	-	-	-	-	-	-	-	-	-
	###	###	###	###	46.50	52.31	46.50	49.92	46.50	48.82	46.50
	10.07	10.12	9.51	10.45	16.17	16.17	16.17	16.17	16.17	16.17	16.17
	2.09	2.66	2.45	3.89	8.56	8.56	8.56	8.56	8.56	8.56	8.56
	0.26	0.22	0.39	0.90	1.24	1.24	1.24	1.24	1.24	1.24	1.24
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	3.80	3.85	3.97	3.65	2.45	2.44	2.43	2.43	2.42	2.41	2.41

By Cost Type

Labour	12.06	12.01	11.21	11.78	7.99	7.73	7.70	7.65	7.60	7.57	7.55	7.55	7.62	**55.05**	60.97
Pensions	1.51	2.04	1.64	1.56	1.80	1.80	1.70	1.69	1.60	1.51	1.43	1.43	1.37	**8.54**	12.53
Contractors	18.67	18.84	15.43	17.04	10.83	10.41	10.46	10.39	10.41	10.44	10.49	10.50	10.66	**80.81**	83.77
Materials	3.14	3.54	3.44	3.70	2.51	2.43	2.42	2.40	2.39	2.38	2.37	2.37	2.39	**16.34**	19.16
Wayleaves (inc Easements/Servitudes)	-	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.03**	0.06
Road Charges	0.29	0.14	0.16	0.17	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	**0.86**	0.86
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins	0.08	0.71	-	-	-	-	-	-	-	-	-	-	-	**0.63**	-
Total Gross Costs	**35.75**	**35.88**	**31.88**	**34.25**	**23.24**	**22.49**	**22.41**	**22.24**	**22.12**	**22.01**	**21.95**	**21.96**	**22.16**	**###**	177.34
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries	-3.93	-4.29	-3.13	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	**-17.98**	26.50
Total Net Costs	**31.81**	**31.59**	**28.75**	**30.94**	**19.93**	**19.18**	**19.09**	**18.93**	**18.80**	**18.69**	**18.63**	**18.65**	**18.85**	**###**	150.84

Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
Check - Total gross costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
Check - Total net costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	

CV15b: Occurrences Not Incentivised (ONIs)
SPN
Price base (2012/13)

Volumes

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
		DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Power System Voltage Equipment / No Unplanned Incident																	
Power System Voltage Equipment/No Unplanned Incident	Emergency Disconnections	-	-	-	784	888	795	795	795	795	795	795	795	795	795	7,477.0	**6360.00**
Power System Voltage Equipment/No Unplanned Incident	Streetlights/Street Furniture/Unmetered Services/Unmetered Cut Outs	3,591	3,126	3,598	3,377	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	17,140.0	**27584.00**
Power System Voltage Equipment/No Unplanned Incident	Cut Outs	2,429	2,373	2,482	3,475	4,272	3,204	2,136	2,136	2,136	2,136	2,136	2,136	3,468	3,468	15,031.0	**20820.00**
Power System Voltage Equipment/No Unplanned Incident	Cut Out Fuses Only	2,011	1,792	1,921	2,813	1,788	1,788	1,788	1,788	1,788	1,788	1,788	1,788	1,788	1,788	10,325.0	**14304.00**
Power System Voltage Equipment/No Unplanned Incident	Asset repairs instigated by trouble calls	2,011	3,186	6,649	9,798	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	25,614.0	**31760.00**
Power System Voltage Equipment / No Unplanned Incident - Total		10,042.0	10,477.0	15,444.0	20,351.0	14,273.0	13,205.0	12,137.0	12,137.0	12,137.0	12,137.0	12,137.0	12,137.0	13,469.0	13,469.0	70,587.0	**100828.00**
Other Occurrences (Not Affecting Power System Voltage Equipment)																	
Other Occurrences (Not Affecting Power System Voltage Equipment)	Abortive Visits - no immediate work required	293	9,106	8,921	9,611	6,120	4,896	3,672	2,448	1,224	308	308	308	308	308	34,051.0	**13472.00**
Other Occurrences (Not Affecting Power System Voltage Equipment)	Meters	369	237	237	227	240	192	152	124	124	124	124	124	124	124	1,310.0	**1088.00**
Other Occurrences (Not Affecting Power System Voltage Equipment)	Responding to crirical safety calls	6,583	9,404	6,691	7,406	7,540	4,158	4,158	4,158	4,158	4,158	4,158	4,158	4,158	4,158	37,624.0	**33264.00**
Other Occurrences (Not Affecting Power System Voltage Equipment)	Pilot Wire Failures	-	-	-	1	10	9	9	9	9	9	9	9	9	9	11.0	**72.00**
Other Occurrences (Not Affecting Power System Voltage Equipment) - Total		7,245.0	18,747.0	15,849.0	17,245.0	13,910.0	9,255.0	7,991.0	6,739.0	5,515.0	4,599.0	4,599.0	4,599.0	4,599.0	4,599.0	72,996.0	**47886.00**

Total Direct Operating Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
	-	-	-	0.08	0.04	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.22	0.90
	4.09	3.11	3.41	2.41	2.59	2.56	2.53	2.50	2.46	2.43	2.40	2.38	2.34	15.61	19.60
	1.07	0.32	1.12	1.14	1.24	0.92	0.61	0.60	0.59	0.58	0.58	0.92	0.91	4.89	5.71
	-	-	0.19	0.64	0.21	0.21	0.21	0.21	0.20	0.20	0.20	0.20	0.19	1.04	1.63
	-	0.22	0.69	0.80	0.32	0.31	0.31	0.31	0.30	0.30	0.30	0.29	0.29	2.03	2.41
	5.15	3.65	5.47	5.03	4.48	4.13	3.77	3.72	3.67	3.63	3.58	3.90	3.85	23.79	30.25
	-	0.39	0.54	0.73	0.46	0.36	0.27	0.18	0.09	0.02	0.02	0.02	0.02	2.11	0.98
	0.08	0.01	0.00	0.06	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.16	0.08
	0.70	0.68	0.67	0.45	1.54	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	4.05	6.05
	0.10	0.02	0.54	0.00	0.10	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.16	0.69
	0.88	1.10	1.16	1.24	2.12	1.26	1.15	1.04	0.94	0.87	0.86	0.85	0.84	6.31	7.80

Annual Unit Cost

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	-	-	-	0.08	0.04	0.16	0.16	0.16	0.14	0.14	0.14	0.14	0.14	0.14
	1.14	1.00	0.95	0.71	0.75	0.74	0.73	0.72	0.71	0.71	0.70	0.69	0.68	
	0.44	0.14	0.45	0.33	0.29	0.29	0.28	0.28	0.27	0.27	0.27	0.26		
	Err	Err	0.10	0.23	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	
	Err	0.07	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07		
	0.51	0.35	0.35	0.25	0.31	0.31	0.31	0.31	0.30	0.30	0.30	0.29	0.29	
	Err	0.04	0.06	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	
	0.21	0.04	0.01	0.25	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07		
	0.11	0.07	0.10	0.06	0.20	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.17	
	Err	Err	Err	0.10	10.08	9.98	9.86	9.73	9.60	9.48	9.37	9.26	9.14	
	0.12	0.06	0.07	0.07	0.15	0.14	0.14	0.15	0.17	0.16	0.16	0.16	0.16	

Multi-Year Average Unit Cost

	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	2011-2012	2011-2013	2011-2014	2011-2015	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
	-	Err	Err	Err	0.15	0.15	0.15	0.14	0.14	0.14	0.14
	1.07	1.03	0.95	0.91	0.74	0.73	0.73	0.72	0.72	0.72	0.71
	0.29	0.35	0.34	0.33	0.29	0.28	0.28	0.28	0.28	0.28	0.27
	ERR	ERR	ERR	ERR	0.12	0.12	0.12	0.12	0.12	0.11	0.11
	ERR	ERR	ERR	ERR	0.08	0.08	0.08	0.08	0.08	0.08	0.08
	0.41	0.40	0.34	0.34	0.31	0.31	0.31	0.31	0.30	0.30	0.30
	ERR	ERR	ERR	ERR	0.07	0.07	0.07	0.07	0.07	0.07	0.07
	0.15	0.10	0.14	0.12	0.08	0.08	0.08	0.08	0.08	0.08	0.08
	0.09	0.09	0.08	0.11	0.19	0.19	0.19	0.19	0.18	0.18	0.18
	ERR	ERR	ERR	ERR	9.92	9.86	9.79	9.71	9.67	9.61	9.55
	0.08	0.08	0.07	0.09	0.14	0.14	0.15	0.15	0.16	0.16	0.16

By Cost Type

Labour	2.22	2.00	3.07	2.84	2.98	2.43	2.22	2.15	2.09	2.03	2.01	2.14	2.12	**###**	17.19
Pensions	0.30	0.35	0.45	0.43	0.67	0.62	0.54	0.52	0.48	0.44	0.42	0.42	0.40	**2.19**	3.83
Contractors	3.45	2.20	2.88	2.79	2.71	2.14	1.98	1.92	1.89	1.86	1.86	2.01	2.00	**###**	15.66
Materials	0.17	0.12	0.14	0.13	0.14	0.11	0.10	0.10	0.09	0.09	0.09	0.10	0.10	**0.69**	0.78
Wayleaves (inc Easements/Servitudes)	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00
Road Charges	0.03	0.08	0.10	0.10	0.10	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	**0.42**	0.58
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Related Party Margins	0.13	-	-	-	-	-	-	-	-	-	-	-	-	**0.13**	-
Total Gross Costs	**6.03**	**4.76**	**6.63**	**6.28**	**6.60**	**5.38**	**4.92**	**4.77**	**4.62**	**4.49**	**4.44**	**4.74**	**4.68**	**###**	38.05
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cost recoveries	0.21	0.34	0.31	-	-	-	-	-	-	-	-	-	-	**0.86**	-
Total Net Costs	**5.82**	**4.41**	**6.33**	**6.28**	**6.60**	**5.38**	**4.92**	**4.77**	**4.62**	**4.49**	**4.44**	**4.74**	**4.68**	**###**	38.05

Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total gross costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Total net costs to C1 Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

CV17: Connections Summary
SPN
Price base (2012/13)

Volumes (Metered projects completed)

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Connection projects that have no element subject to the apportionment rules																
Connection projects; DPCR4	LV metered DPCR4 Connection projects	Number of projects completed	0	682	209	0	0	0	0	0	0	0	0	0	891.00	-
Connection projects; DPCR4	HV metered DPCR4 Connection projects	Number of projects completed	0	125	99	56	14	0	0	0	0	0	0	0	293.00	-
Connection projects; DPCR4	EHV metered DPCR4 Connection projects	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects; DPCR4	132kV metered DPCR4 Connection projects	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects	Single service LV connection	Number of projects completed	256	3338	2525	2568	2614	2633	2652	2670	2689	2708	2728	2747	2767	11 367.00	21 584.00
Connection projects	Small project demand connection (LV)	Number of projects completed	0	1597	1476	973	980	987	994	1001	1009	1016	1023	1030	1037	5 428.00	8 097.00
Connection projects	All other LV (with only LV work)	Number of projects completed	0	658	677	759	739	727	723	720	718	721	727	732	738	3 833.00	5 804.00
Connection projects	LV end connections involving HV work	Number of projects completed	0	86	84	142	140	137	136	131	128	129	130	131	132	452.00	1 052.00
Connection projects	HV end connections involving only HV work	Number of projects completed	0	58	13	39	78	90	88	86	84	85	86	86	87	188.00	692.00
Connection projects	LV end connections involving EHV work	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects	HV end connections involving EHV work	Number of projects completed	0	0	0	1	1	1	1	1	1	1	1	1	1	2.00	8.00
Connection projects	EHV end connections involving only EHV work	Number of projects completed	0	0	0	1	1	1	1	1	1	1	1	1	1	2.00	8.00
Connection projects	HV or EHV connections involving 132kV work	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects	132kV end connections involving only 132kV work	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects; DG	DG connection at LV involving LV assets only	Number of projects completed	0	0	31	0	0	0	0	0	0	0	0	0	0	44.00	52.00
Connection projects; DG	DG connection at any voltage where HV is the highest voltage assigned on	Number of projects completed	0	0	6	12	8	4	4	4	4	5	5	6	6	26.00	38.00
Connection projects; DG	DG connection at any voltage where EHV is the highest voltage assigned on	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects; DG	DG connection at any voltage where 132kV is the highest voltage assigned on	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
			296.00	5 740.00	5 120.00	4 585.00	4 585.00	4 603.00	4 620.00	4 638.00	4 673.00	4 708.00	4 741.00	4 777.00	21 322.00	37 345.00
Connection projects that have an element subject to the apportionment rules																
Connection projects; DPCR4	LV metered DPCR4 Connection projects	Number of projects completed	0	3	4	0	0	0	0	0	0	0	0	0	7.00	-
Connection projects; DPCR4	HV metered DPCR4 Connection projects	Number of projects completed	0	21	19	0	0	0	0	0	0	0	0	0	40.00	-
Connection projects; DPCR4	EHV metered DPCR4 Connection projects	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects; DPCR4	132kV metered DPCR4 Connection projects	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects	Single service LV connection	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects	Small project demand connection (LV)	Number of projects completed	0	7	0	0	0	0	0	0	0	0	0	0	7.00	-
Connection projects	All other LV (with only LV work)	Number of projects completed	0	13	28	13	13	13	13	13	13	13	13	13	67.00	104.00
Connection projects	LV end connections involving HV work	Number of projects completed	0	38	120	84	83	81	79	77	76	76	77	77	79	325.00	621.00
Connection projects	HV end connections involving only HV work	Number of projects completed	0	25	8	56	55	53	52	52	50	50	51	51	51	144.00	403.00
Connection projects	LV end connections involving EHV work	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects	HV end connections involving EHV work	Number of projects completed	0	0	0	1	1	1	1	1	1	1	1	1	1	2.00	8.00
Connection projects	EHV end connections involving only EHV work	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects	HV or EHV connections involving 132kV work	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects	132kV end connections involving only 132kV work	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects; DG	DG connection at LV involving LV assets only	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects; DG	DG connection at any voltage where HV is the highest voltage assigned on	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects; DG	DG connection at any voltage where EHV is the highest voltage assigned on	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects; DG	DG connection at any voltage where 132kV is the highest voltage assigned on	Number of projects completed	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
			-	100.00	184.00	154.00	152.00	148.00	145.00	142.00	140.00	140.00	142.00	142.00	143.00	592.00	1 142.00

Volumes (MPANs connected - DPCR5 actual (2011-2013))

	LV	HV	EHV	132kV
Connection projects; DPCR4	4497	0	0	0
Connection projects; DPCR4	849	21	0	0
Connection projects; DPCR4	0	0	0	0
Connection projects; DPCR4	0	0	0	0
Connection projects	6157	0	0	0
Connection projects	3959	0	0	0
Connection projects	8836	0	0	0
Connection projects	1115	7	0	0
Connection projects	380	18	0	0
Connection projects	0	0	0	0
Connection projects	0	0	0	0
Connection projects	0	0	0	0
Connection projects	0	0	0	0
Connection projects	0	0	0	0
Connection projects; DG	0	0	0	0
Connection projects; DG	30	0	0	0
Connection projects; DG	0	0	0	0
Connection projects; DG	0	0	0	0
Connection projects; DG	0	0	0	0
	25 643.00	52.00	0	0

Volumes (MPANs connected - DPCR5 forecast (2014-2015))

	LV	HV	EHV	132kV
Connection projects; DPCR4	0	0	0	0
Connection projects; DPCR4	0	213	0	0
Connection projects; DPCR4	0	0	0	0
Connection projects; DPCR4	0	0	0	0
Connection projects	4653	0	0	0
Connection projects	3208	0	0	0
Connection projects	9686	0	0	0
Connection projects	2473	0	0	0
Connection projects	0	373	0	0
Connection projects	0	0	0	0
Connection projects	0	0	0	0
Connection projects	0	1	0	0
Connection projects	0	1	0	0
Connection projects	0	0	0	0
Connection projects	0	0	0	0
Connection projects; DG	12	0	0	0
Connection projects; DG	0	25	0	0
Connection projects; DG	0	0	20	0
Connection projects; DG	0	0	0	0
	20 034.00	633.00	21.00	-

Volumes (MPANs connected - RIIO-ED1)

	LV	HV	EHV	132kV
Connection projects; DPCR4	0	0	0	0
Connection projects; DPCR4	0	0	0	0
Connection projects; DPCR4	0	0	0	0
Connection projects; DPCR4	0	0	0	0
Connection projects	19294	0	0	0
Connection projects	13297	0	0	0
Connection projects	37529	0	0	0
Connection projects	9206	0	0	0
Connection projects	0	2277	0	0
Connection projects	0	0	0	0
Connection projects	0	0	0	0
Connection projects	0	4	0	0
Connection projects	0	4	0	0
Connection projects	0	0	0	0
Connection projects	0	0	0	0
Connection projects; DG	51	0	0	0
Connection projects; DG	0	38	0	0
Connection projects; DG	0	0	38	0
Connection projects; DG	0	0	0	0
	######	2 319.00	42.00	-

Total annual expenditure (£m)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Connection projects; DPCR4	19.64	9.29	1.44	-	-	-	-	-	-	-	-	-	-	38.35	-
Connection projects; DPCR4	2.98	0.71	0.13	1.40	0.40	-	-	-	-	-	-	-	-	5.62	-
Connection projects; DPCR4	0.67	0.09	0.17	-	-	-	-	-	-	-	-	-	-	0.93	-
Connection projects; DPCR4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection projects	0.28	3.91	2.76	2.91	2.93	2.95	2.97	3.00	3.02	3.04	3.06	3.08	3.10	12.79	24.22
Connection projects	0.12	1.48	1.48	1.94	1.96	1.97	1.99	2.00	2.01	2.03	2.04	2.06	2.07	6.97	16.17
Connection projects	0.36	3.60	4.42	5.84	5.88	5.56	5.56	5.53	5.50	5.54	5.58	5.62	5.67	19.89	44.61
Connection projects	0.14	2.47	3.15	2.28	2.24	2.16	2.14	2.06	2.04	2.08	2.08	2.09	2.10	10.32	16.78
Connection projects	-	0.41	0.45	0.88	1.82	2.17	2.13	2.07	2.02	2.04	2.06	2.07	2.08	3.56	16.45
Connection projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection projects	-	2.16	1.15	0.38	0.39	0.39	0.39	0.40	0.40	0.40	0.41	0.41	0.41	4.09	3.23
Connection projects	-	0.03	1.02	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.31	0.31	1.63	2.40
Connection projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection projects; DG	0.04	0.10	0.03	0.08	0.11	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.37	1.07
Connection projects; DG	0.05	0.24	0.56	0.75	0.78	2.73	2.77	2.81	2.90	2.98	3.06	3.16	3.24	2.38	23.67
Connection projects; DG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection projects; DG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24.29	20.50	16.78	16.73	16.58	18.37	18.36	18.35	18.33	18.54	18.73	18.95	19.16	94.90	148.78

DPCR5 total

	DPCR5
Connection projects; DPCR4	38.35
Connection projects; DPCR4	5.62
Connection projects; DPCR4	0.93
Connection projects; DPCR4	-
Connection projects	12.79
Connection projects	6.97
Connection projects	19.89
Connection projects	10.32
Connection projects	3.56
Connection projects	-
Connection projects	-
Connection projects	4.09
Connection projects	1.63
Connection projects	-
Connection projects	-
Connection projects	-
Connection projects; DG	0.37
Connection projects; DG	2.38
Connection projects; DG	-
Connection projects; DG	-
	94.90

DPCR5 actual expenditure (2011-2013)

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects; DPCR4	19.54	7.31		
Connection projects; DPCR4	3.85	0.77		
Connection projects; DPCR4	0.81	0.12		
Connection projects; DPCR4	-	-		
Connection projects	4.54	2.41		
Connection projects	2.15	0.91		
Connection projects	6.60	1.48		
Connection projects	4.58	1.42		
Connection projects	0.47	0.41		
Connection projects	-	-		
Connection projects	-	-		
Connection projects	1.91	1.40		
Connection projects	0.00	1.05		
Connection projects	-	-		
Connection projects	-	-		
Connection projects; DG	0.05	0.13		
Connection projects; DG	0.44	0.41		
Connection projects; DG	-	-		
Connection projects; DG	-	-		
	43.78	17.82		

DPCR5 forecast expenditure (2014-2015)

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects; DPCR4	-	-		
Connection projects; DPCR4	-	1.35	0.45	
Connection projects; DPCR4	-	-		
Connection projects; DPCR4	-	-		
Connection projects	4.18	1.65		
Connection projects	3.09	0.85		
Connection projects	10.70	1.31		
Connection projects	3.39	1.14		
Connection projects	1.57	1.16		
Connection projects	-	-		
Connection projects	-	-		
Connection projects	0.38	0.40		
Connection projects	0.35	0.23		
Connection projects	-	-		
Connection projects	-	-		
Connection projects; DG	0.09	0.18		
Connection projects; DG	0.78	0.77		
Connection projects; DG	-	-		
Connection projects; DG	-	-		
	25.38	7.66		

RIIO-ED1 forecast expenditure

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects; DPCR4	-	-		
Connection projects; DPCR4	-	-		
Connection projects; DPCR4	-	-		
Connection projects; DPCR4	-	-		
Connection projects	17.37	6.85		
Connection projects	12.80	3.37		
Connection projects	39.57	5.04		
Connection projects	14.01	2.77		
Connection projects	11.86	4.79		
Connection projects	-	-		
Connection projects	-	-		
Connection projects	1.87	1.38		
Connection projects	1.44	0.98		
Connection projects	-	-		
Connection projects	-	-		
Connection projects; DG	0.53	0.54		
Connection projects; DG	11.81	11.84		
Connection projects; DG	-	-		
Connection projects; DG	-	-		
	111.28	37.51		

Volumes (UMC projects completed)

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Connection projects UMC																
Connection projects UMC; DPCR4	Connection projects UMC; DPCR4	Connection volumes; Unmetered connection work provided by the DNO	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Connection projects UMC	Unmetered Local Authority	Connection volumes; Unmetered connection work provided by the DNO	689	1922	4142	4666	4252	3763	3601	3642	3442	3442	3442	3442	15 821.00	28 016.00
Connection projects UMC	RFI connections	Connection volumes; Unmetered connection work provided by the DNO	567	8847	4140	0	0	0	0	0	0	0	0	0	13 564.00	-
Connection projects UMC	Other unmetered connections (non-s	Connection volumes; Unmetered connection work provided by the DNO	221	643	575	579	542	538	455	434	434	434	434	434	2 517.00	3 568.00
Total			1,477.0	11,412.0	8,857.0	5,242.0	4,744.0	4,263.0	4,057.0	3,876.0	3,876.0	3,876.0	3,876.0	3,876.0	31,882.0	31,584.0

Volumes (UMC exit points connected - DPCR5 actual (2011-2013))

	LV	HV	EHV	132kV
Connection projects UMC; DPCR4	0	0	0	0
Unmetered Local Authority	6753	0	0	0
RFI connections	13544	0	0	0
Other unmetered connections (non-s	1399	0	0	0
Total	21 696.00	0	0	0

Volumes (UMC exit points connected - DPCR5 forecast (2014-2015))

	LV	HV	EHV	132kV
Connection projects UMC; DPCR4	0	0	0	0
Unmetered Local Authority	10464	0	0	0
RFI connections	0	0	0	0
Other unmetered connections (non-s	2258	0	0	0
Total	12 723.00	-	-	-

Volumes (UMC exit points connected - RIIO-ED1

	LV	HV	EHV	132kV
Connection projects UMC; DPCR4	0	0	0	0
Unmetered Local Authority	33053	0	0	0
RFI connections	0	0	0	0
Other unmetered connections (non-s	7224	0	0	0
Total	######	-	-	-

Total annual expenditure (£m)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Connection projects UMC; DPCR4	3.99	0.78	0.06	-	-	-	-	-	-	-	-	-	-	4.21	-
Unmetered Local Authority	0.22	0.94	0.81	3.19	2.87	2.57	2.46	2.35	2.35	2.35	2.35	2.35	2.35	8.02	19.13
RFI connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other unmetered connections (non-s	0.15	0.67	0.67	0.57	0.54	0.50	0.45	0.43	0.43	0.43	0.43	0.43	0.43	2.01	3.54
Total	4.36	1.87	1.54	3.76	3.41	3.07	2.92	2.78	2.78	2.78	2.78	2.78	2.78	14.22	22.67

DPCR5 actual expenditure (2011-2013)

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects UMC; DPCR4	3.98	0.25		
Unmetered Local Authority	1.56	0.40		
RFI connections	-	-		
Other unmetered connections (non-s	1.00	0.49		
Total	6.52	1.14		

DPCR5 forecast expenditure (2014-2015)

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects UMC; DPCR4	-	-		
Unmetered Local Authority	-	5.12	0.94	
RFI connections	-	-		
Other unmetered connections (non-s	-	0.89	0.22	
Total	-	6.01	1.16	

RIIO-ED1 forecast expenditure

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects UMC; DPCR4	-	-		
Unmetered Local Authority	-	16.15	2.98	
RFI connections	-	-		
Other unmetered connections (non-s	-	2.83	0.71	
Total	-	16.99	3.69	

Volumes (POCs provided)

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Connection projects UMC																
Connection projects UMC; DPCR4	Connection projects UMC; DPCR4	Connection volumes; P.O.C.s to ICPs	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Unmetered Local Authority	Unmetered Local Authority	Connection volumes; P.O.C.s to ICPs	0	0	0	0	0	0	0	0	0	0	0	0	-	-
RFI connections	RFI connections	Connection volumes; P.O.C.s to ICPs	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Other unmetered connections (non-s	Other unmetered connections (non-s	Connection volumes; P.O.C.s to ICPs	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Total			-	-	-	-	-	-	-	-	-	-	-	-	-	-

Volumes (Exit points adopted from ICPs - DPCR5 actual (2011-2013))

	LV	HV	EHV	132kV
Exit points adopted from ICPs; DPCR4/ Conne	325	0	0	0
Exit points adopted from ICPs; DG	0	0	0	0
Exit points adopted from ICPs; Connection projects UMC	19224	0	0	0
Total	19 553.00	-	-	-

Volumes (Exit points adopted from ICPs - DPCR5 forecast (2014-2015))

	LV	HV	EHV	132kV
Exit points adopted from ICPs; DPCR4/ Conne	253	0	0	0
Exit points adopted from ICPs; DG	0	0	0	0
Exit points adopted from ICPs; Connection projects UMC	28397	0	0	0
Total	28 645.00	-	-	-

Volumes (Exit points adopted from ICPs - RIIO-E

	LV	HV	EHV	132kV
Exit points adopted from ICPs; DPCR4/ Conne	1405	0	0	0
Exit points adopted from ICPs; DG	0	0	0	0
Exit points adopted from ICPs; Connection projects UMC	149748	0	0	0
Total	######	-	-	-

Total annual expenditure (£m)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Connection projects UMC; DPCR4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unmetered Local Authority	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RFI connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other unmetered connections (non-s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DPCR5 actual expenditure (2011-2013)

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects UMC; DPCR4	-	-		
Unmetered Local Authority	-	-		
RFI connections	-	-		
Other unmetered connections (non-s	-	-		
Total	-	-		

DPCR5 forecast expenditure (2014-2015)

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects UMC; DPCR4	-	-		
Unmetered Local Authority	-	-		
RFI connections	-	-		
Other unmetered connections (non-s	-	-		
Total	-	-		

RIIO-ED1 forecast expenditure

	Element of connection that is Sole Use funded - Contestable (£m)	Element of connection that is Sole Use funded - Non-contestable (£m)	Element of connection that is subject to the apportionment rules - Customer funded (£m)	Element of connection that is subject to the apportionment rules - DUoS funded (£m)
Connection projects UMC; DPCR4	-	-		
Unmetered Local Authority	-	-		
RFI connections	-	-		
Other unmetered connections (non-s	-	-		
Total	-	-		

CV101: Reinforcement and DSM payments
SPN
Price base (2012/13)

Substation reinforcement

	Primary Voltage	Secondary Voltage
Secondary network	LV	LV
Secondary network	HV	LV
Secondary network	HV	HV
Primary network (n-1)	EHV	LV
Primary network (n-1)	EHV	HV
Primary network (n-1)	EHV	EHV
Primary network (n-1)	132 kV	LV
Primary network (n-1)	132 kV	HV
Primary network (n-1)	132 kV	EHV
Primary network (n-1)	132 kV	132 kV
Primary network (n-2)	EHV	LV
Primary network (n-2)	EHV	HV
Primary network (n-2)	EHV	EHV
Primary network (n-2)	132 kV	LV
Primary network (n-2)	132 kV	HV
Primary network (n-2)	132 kV	EHV
Primary network (n-2)	132 kV	132 kV

Volumes (MVa of caapacity released)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								#	#
Secondary network	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-
Secondary network	0.37	0.18	0.18	1.05	2.58	2.58	2.76	2.76	2.76	2.94	2.94	3.13	3.13	4.4	23.0	
Secondary network	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	32.00	30.00	189.00	78.44	70.00	-	36.70	18.14	59.75	25.86	5.40	10.40	-	399.4	156.3	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	44.00	77.00	-	60.00	36.00	-	-	9.40	47.10	-	-	-	-	217.0	56.5	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	114.30	-	-	-	-	-	114.3	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total		**76.4**	**107.2**	**189.2**	**139.5**	**108.6**	**2.6**	**39.5**	**144.6**	**109.6**	**28.8**	**8.3**	**13.5**	**3.1**	620.8	350.1

Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Secondary network	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	0.0	-
Secondary network	0.03	0.00	0.07	0.23	0.58	0.99	1.21	1.46	1.67	1.81	2.01	2.20	1.87	0.9	13.2	
Secondary network	-	0.07	0.05	0.03	0.28	0.35	0.28	0.31	0.35	0.01	0.03	0.03	0.01	0.4	1.4	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	
Primary network (n-1)	9.58	3.79	1.93	5.59	9.95	6.36	7.50	5.90	2.66	0.99	1.02	1.96	3.11	30.8	29.5	
Primary network (n-1)	0.04	-	0.02	-	-	-	-	-	-	-	-	-	-	0.1	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	
Primary network (n-1)	3.40	-0.40	1.40	1.18	0.50	1.12	2.99	2.20	0.44	0.67	1.39	4.32	3.29	6.1	16.4	
Primary network (n-1)	0.03	-	0.03	0.77	0.87	0.90	2.00	1.62	-	0.30	2.35	4.99	3.29	1.7	15.4	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	
Primary network (n-2)	-	-	-	-	0.00	0.01	0.02	-	-	-	-	-	-	0.0	0.0	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	0.28	1.58	1.88	0.96	0.00	-	-	-	-	1.9	2.8	
Primary network (n-2)	-	0.00	0.01	-	-	-	-	-	-	-	-	-	-	0.0	-	
Total	**13.1**	**3.5**	**3.5**	**8.1**	**13.8**	**11.6**	**14.9**	**11.5**	**5.1**	**3.8**	**6.8**	**13.5**	**11.6**	41.9	78.8	

Annual Unit Cost

	DPCR4	DPCR5				RIIO-ED1							
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Secondary network	0.0	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Secondary network	71.3	5.1	397.4	214.9	224.4	385.3	436.9	527.7	604.8	614.3	682.4	702.8	598.7	
Secondary network	0.0	Err	Err	Err	Err	Err	Err	Err	Err	Err	Err	Err	Err	
Primary network (n-1)	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-1)	299.3	126.5	10.2	71.2	142.2	Err	204.2	325.1	44.5	38.4	189.5	188.8	Err	
Primary network (n-1)	0.0	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-1)	0.0	0.0	0.0	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-1)	77.3	-5.2	Err	19.6	13.9	Err	Err	234.2	9.4	Err	Err	Err	Err	
Primary network (n-1)	Err	0.0	Err	Err	Err	Err	Err	Err	0.0	Err	Err	Err	Err	
Primary network (n-2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-2)	0.0	0.0	0.0	Err	Err	Err	Err	Err	Err	Err	Err	Err	Err	
Primary network (n-2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-2)	0.0	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-2)	0.0	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-2)	171.2	32.4	18.6	58.0	126.8	4513.5	378.2	79.4	46.7	131.3	915.6	997.6	3695.9	

Multi-Year Average Unit Cost

	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	2011-2012	2011-2013	2011-2014	2011-2015	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Secondary network	#DIV/0!	#DIV/0!	#DIV/0!	Err							
Secondary network	49.3	136.3	182.6	207.3	412.0	451.5	490.4	516.9	546.0	570.7	574.5
Secondary network	#DIV/0!	#DIV/0!	#DIV/0!	Err	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Err
Primary network (n-1)				0.0							0.0
Primary network (n-1)	215.6	61.0	63.4	77.2	377.6	360.3	195.6	166.6	167.5	168.9	188.8
Primary network (n-1)	#DIV/0!	#DIV/0!	#DIV/0!	Err							0.0
Primary network (n-1)				0.0							0.0
Primary network (n-1)			#DIV/0!	Err							0.0
Primary network (n-1)	24.8	36.3	30.8	29.0	#DIV/0!	670.7	119.4	131.2	155.9	232.3	290.5
Primary network (n-1)	#DIV/0!	#DIV/0!	#DIV/0!	Err	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Err
Primary network (n-2)				0.0							0.0
Primary network (n-2)				0.0							0.0
Primary network (n-2)			#DIV/0!	Err	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Err
Primary network (n-2)				0.0							0.0
Primary network (n-2)				0.0							0.0
Primary network (n-2)			#DIV/0!	Err	#DIV/0!	24.9	24.9	24.9	24.9	24.9	24.9
Primary network (n-2)	#DIV/0!	#DIV/0!	#DIV/0!	Err							0.0
Total	90.1	53.8	54.9	67.5	631.6	203.8	145.7	144.4	161.2	193.8	225.1

Circuit reinforcement - Secondary network

	Primary Voltage		Units
Secondary network	LV	Schemes	#
Secondary network	LV	Length	km
Secondary network	HV	Schemes	#
Secondary network	HV	Length	km
Total		Schemes	#
Total		Length	km

Volumes (of circuits to be reinforced)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								#	#
Secondary network	25.00	29.00	18.00	3.27	6.00	72.00	72.00	72.00	73.00	73.00	74.00	74.00	72.00	81.3	582.0	
Secondary network	3.00	3.00	2.45	1.59	2.99	30.30	30.50	30.50	30.60	30.70	31.10	31.20	30.50	13.0	245.4	
Secondary network	30.00	34.00	20.00	39.20	96.00	113.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	219.2	848.0	
Secondary network	24.00	7.00	7.99	9.34	22.88	27.02	25.09	25.09	25.09	25.09	25.09	25.09	25.09	71.2	202.7	
Total	55.0	63.0	38.0	42.5	102.0	185.0	177.0	177.0	178.0	178.0	179.0	179.0	177.0	300.5	1,430.0	
Total	27.0	10.0	10.4	10.9	25.9	57.3	55.6	55.6	55.7	55.8	56.2	56.3	55.6	84.2	448.1	

Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Secondary network	0.46	0.72	0.72	0.68	1.46	2.39	2.40	2.40	2.41	2.42	2.45	2.46	2.40	4.0	19.3	
Secondary network	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary network	0.60	1.27	0.90	1.09	2.56	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.80	6.4	22.5	
Secondary network	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	**1.1**	**2.0**	**1.6**	**1.8**	**4.0**	**5.2**	**5.2**	**5.2**	**5.2**	**5.2**	**5.3**	**5.3**	**5.2**	10.5	41.8	

	DPCR4	DPCR5				RIIO-ED1							
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Secondary network	18.4	24.9	39.9	207.1	242.5	33.2	33.3	33.4	33.0	33.1	33.2	33.2	33.4	
Secondary network	153.0	240.5	293.0	425.7	486.1	78.9	78.7	78.8	78.9	78.7	78.9	78.7	78.8	
Secondary network	20.0	37.3	45.0	27.8	26.7	24.8	26.8	26.8	26.8	26.8	26.8	26.8	26.6	
Secondary network	25.0	181.3	112.6	116.6	112.1	103.9	111.9	112.0	112.1	112.1	112.1	112.1	111.4	
Total	19.3	31.6	42.6	41.6	39.4	28.1	29.4	29.5	29.4	29.4	29.4	29.4	29.4	
Total	39.2	199.0	155.0	161.6	155.3	90.7	91.7	93.8	93.8	93.8	93.8	93.6	93.5	

	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Secondary network	21.9	26.4	34.2	49.6	33.3	33.3	33.2	33.2	33.2	33.2	33.2
Secondary network				309.2							78.8
Secondary network	29.2	33.0	31.3	29.3	25.8	26.1	26.3	26.4	26.4	26.5	26.5
Secondary network				90.2							110.9
Total											
Total											

Circuit reinforcement - Primary network

	Primary Voltage		Units
Primary network (n-1)	EHV	Schemes	#
Primary network (n-2)	EHV	Schemes	#
Primary network (n-1)	132 kV	Schemes	#
Primary network (n-2)	132 kV	Schemes	#
Total			

Volumes (of circuits to be reinforced)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								#	#
Primary network (n-1)	-	-	-	-	2.00	1.00	-	4.00	-	2.00	-	-	-	-	2.0	7.0
Primary network (n-2)	2.00	-	-	1.00	2.00	-	-	-	-	-	-	-	-	-	5.0	-
Primary network (n-1)	-	-	-	1.00	-	-	1.00	-	-	-	-	-	-	-	1.0	1.0
Primary network (n-2)	3.00	-	-	1.00	1.00	-	-	-	-	2.00	-	-	-	-	5.0	2.0
Total	**5.0**	**-**	**-**	**3.0**	**5.0**	**1.0**	**-**	**1.0**	**4.0**	**-**	**4.0**	**-**	**-**	**-**	13.0	10.0

Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Primary network (n-1)	-	0.03	0.01	1.41	2.14	2.29	3.57	5.29	0.94	0.14	-	-	-	-	3.6	12.2
Primary network (n-2)	5.21	0.05	-	-	-	-	-	-	-	-	-	-	-	-	5.3	-
Primary network (n-1)	2.25	1.62	0.12	0.73	3.19	-	-	-	-	-	-	-	-	-	7.9	-
Primary network (n-2)	0.81	2.94	4.08	1.19	1.52	1.19	3.50	4.20	6.27	3.25	-	-	-	-	10.3	18.4
Total	**8.1**	**4.7**	**4.2**	**3.3**	**6.9**	**3.5**	**7.1**	**9.5**	**7.2**	**3.4**	**-**	**-**	**-**	**-**	27.1	30.6

	DPCR4	DPCR5				RIIO-ED1							
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Primary network (n-1)	0.0	0.0	Err	1071.9	2294.8	Err	Err	Err	234.5	Err	Err	0.0	0.0	0.0
Primary network (n-2)	2606.1	Err	0.0	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-1)	Err	Err	Err	734.6	Err	Err	Err	Err	0.0	0.0	0.0	0.0	0.0	0.0
Primary network (n-2)	204.8	Err	Err	1185.3	1519.1	Err	Err	Err	Err	Err	Err	0.0	0.0	0.0
Total	1615.3	Err	Err	1110.6	1371.4	3481.6	Err	9487.4	1802.0	Err	Err	0.0	0.0	0.0

	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Primary network (n-1)	#DIV/0!	#DIV/0!	#DIV/0!	Err	1800.7	5863.0	11152.6	2418.1	2446.9	1747.8	1747.8
Primary network (n-2)	2633.0	2633.0	1755.3	1052.2							0.0
Primary network (n-1)	#DIV/0!	#DIV/0!	4729.6	7923.3							Err
Primary network (n-2)	1186.2	2547.2	2206.7	2069.3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	9201.1	9201.1	9201.1
Total	2545.6	3389.6	2535.0	2087.5	10550.8	10019.1	4541.0	5106.1	3063.6	3063.6	3063.6

Voltage regulation schemes

	Primary Voltage		Units
Secondary network	LV	Schemes	#
Secondary network	HV	Schemes	#
Primary network (n-1)	EHV	Schemes	#
Primary network (n-1)	132 kV	Schemes	#
Primary network (n-2)	EHV	Schemes	#
Primary network (n-2)	132 kV	Schemes	#
Total			

Volumes (of schemes to be delivered)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								#	#
Secondary network	117.00	99.00	113.00	65.33	184.00	184.00	184.00	184.00	184.00	220.00	220.00	220.00	220.00	578.3	1,616.0	
Secondary network	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	**117.0**	**99.0**	**113.0**	**65.3**	**184.0**	**184.0**	**184.0**	**184.0**	**184.0**	**220.0**	**220.0**	**220.0**	**220.0**	578.3	1,616.0	

Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Secondary network	1.33	0.90	1.20	0.89	2.49	2.49	2.49	2.49	2.49	2.99	2.99	2.99	2.99	6.8	21.9	
Secondary network	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Primary network (n-2)	-	-	-	-	-	-	0.25	-	-	-	-	-	-	-	0.2	
Primary network (n-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	**1.3**	**0.9**	**1.2**	**0.9**	**2.5**	**2.7**	**2.5**	**2.5**	**2.5**	**3.0**	**3.0**	**3.0**	**3.0**	6.8	22.2	

	DPCR4	DPCR5				RIIO-ED1							
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Secondary network	11.4	9.1	10.6	13.6	13.5	13.5	13.5	13.5	13.5	13.6	13.6	13.6	13.6	
Secondary network	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Primary network (n-1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Primary network (n-1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Primary network (n-2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Primary network (n-2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	11.4	9.1	10.6	13.6	13.5	14.9	13.5	13.5	13.5	13.6	13.6	13.6	13.6	

	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Secondary network	10.3	10.4	10.9	11.8	13.5	13.5	13.5	13.5	13.5	13.6	13.6
Secondary network				0.0							0.0
Primary network (n-1)				0.0							0.0
Primary network (n-1)				0.0							0.0
Primary network (n-2)				0.0							0.0
Primary network (n-2)				0.0							0.0
Total	10.3	10.4	10.9	11.8	14.2	14.0	13.9	13.8	13.8	13.7	13.7

DSM payments *(into subscriptions)*

LV
HV
EHV
132 kV
Total

Volumes (MVa of capacity requirements offset)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								#	#
LV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HV	-	-	-	-	-	2.00	2.00	3.00	3.00	9.00	9.00	9.00	9.00	-	46.0	
EHV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132 kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**2.00**	**2.00**	**3.00**	**3.00**	**9.00**	**9.00**	**9.00**	**9.00**	-	46.0	

Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
LV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HV	-	-	-	-	-	-	0.01	0.03	0.03	0.04	0.07	0.13	0.13	0.13	-	0.6
EHV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132 kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**0.01**	**0.03**	**0.03**	**0.04**	**0.07**	**0.13**	**0.13**	**0.13**	-	0.6

	DPCR4	DPCR5				RIIO-ED1							
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
LV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HV	0.0	0.0	0.0	0.0	0.0	3.7	15.0	11.2	15.0	7.5	15.0	15.0	15.0	
EHV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
132 kV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	0.0	0.0	0.0	0.0	0.0	3.7	15.0	11.2	15.0	7.5	15.0	15.0	15.0	

	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
LV				0.0							0.0
HV				0.0	9.4	10.2	11.6	9.7	11.4	12.3	12.8
EHV				0.0							0.0
132 kV				0.0							0.0
Total				0.0	9.4	10.2	11.6	9.7	11.4	12.3	12.8

General Reinforcement - By Cost Type

Labour
Pensions
Contractors
Materials
Wayleaves (inc Easements/Servitudes)
Road Charges
Rent
Subscriptions
Related Party Margins
Total Gross Costs
Customer Contributions
Cost recoveries
Total Net Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1

CV102: Reinforcement - L1 data

SPN

Price base (2012/13)

Demand Group: Individual Substations

DEMAND GROUP DESCRIPTION														LOAD INDEX - Current (11/12)														FORECAST LOAD INDEX MAX DEMAND														FORECAST LOAD INDEX FIRM CAPACITY														LOAD INDEX - 31 March 2015 (start of RIIO-ED1)		
Substation		Primary Voltage	Secondary Voltage	No. of customers	Percentage of customers supplied by substation	Substation firm capacity under single circuit outage conditions	Immediately available DSR adjustment	Assessed contribution towards security supply from DG adjustment	LOAD INDEX FIRM CAPACITY	Season of Most Onerous Demand, and Limiting Factor (see conditions below)	Substation Maximum Demand	Weather correction adjustment to maximum demand	"Significant" measurable embedded generation adjustment to maximum demand	Connected non-firm demand adjustment to maximum demand	LOAD INDEX MAXIMUM DEMAND	Substation Maximum Demand as % of Substation Firm Capacity	hours at risk	Load Index ranking (31 March 2012)	Historic and forecast max demand (MVA) - excluding effect of forecast RIIO-ED1 reinforcement / including forecast DPCR5 reinforcement and all contracted non-firm demand											Historic and forecast firm capacity (MVA) - excluding forecast RIIO-ED1 reinforcement / including actual forecast DPCR5 reinforcement and all contracted DSR impact														31 March 2015 LOAD INDEX MAXIMUM DEMAND as % of LOAD INDEX FIRM CAPACITY (start of RIIO-ED1)	Hours above 100% loading during year	Load Index ranking (2015 starting point)
Nos.	Substation Name	(kV)	(kV)	#	%	MVA	MVA (+)	MVA (+)	MVA	Season; (a-k)	MVA	MVA (+/-)	MVA (+/-)	MVA (+/-)	MVA	%		L/1 - L/5	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	%		
1	Addinston Grid	132	33	51878	1.23%	86.9	0	0	86.9	W,a	81.0	-3.1	0.0	0.0	77.9	89.7%		L/2	87.4	77.9	76.8	76.7	77.2	77.9	78.5	78.7	78.9	79.1	79.4	80.3	81.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	88.9%		L/2
2	Addinston Grid 33/11	33	11	6187	0.12%	23.0	0	0	23.0	W,a	8.4	-0.3	0.0	0.0	8.0	34.9%		L/1	8.5	8.0	7.8	7.9	8.0	8.1	8.3	8.3	8.3	8.3	8.4	8.5	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	34.7%		L/1
3	Addinston Local	33	11	15629	0.37%	23.0	0	0	23.0	W,d	20.0	-1.0	0.0	0.0	19.0	82.9%		L/2	19.6	19.0	18.8	18.8	18.8	18.9	19.0	19.0	19.1	19.1	19.2	19.5	19.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	81.9%		L/2
4	Ancemerina	33	11	13887	0.50%	21.4	0	0	21.4	W,a	19.8	-1.0	0.0	0.0	18.8	87.8%		L/2	21.4	18.8	18.4	18.4	18.5	18.7	18.9	19.0	19.2	19.3	19.4	19.6	19.7	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	87.8%		L/2
5	Ashburton Grid	132	33	34180	0.81%	117.0	0	0	117.0	W,a	59.5	-2.9	0.0	0.0	56.5	48.3%		L/1	59.6	56.5	55.4	55.4	55.6	56.0	56.3	56.4	56.6	56.8	57.1	57.8	58.6	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	48.6%		L/1
6	Ashford Central	33	6.6	13064	0.31%	22.3	0	0	22.3	W,a	22.1	0.0	0.0	0.0	22.2	97.6%		L/3	22.0	22.2	22.2	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	98.7%		L/3
7	Ashford East	33	11	7661	0.18%	17.3	0	0	17.3	S,a	14.9	0.0	0.0	0.0	14.9	86.3%		L/2	17.2	14.9	14.8	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.9	15.0	15.1	17.3	17.3	17.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	42.7%		L/2
8	Ashford Grid	132	33	40354	0.96%	123.8	0	0	123.8	W,a	74.8	-4.3	0.0	0.0	70.5	56.9%		L/1	74.8	70.5	69.4	69.4	69.7	70.1	70.5	70.7	70.9	71.1	71.4	72.1	73.0	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	59.6%		L/1
9	Ashford West	33	6.6	2558	0.06%	6.5	0	0	6.5	W,a	3.9	-0.1	0.0	0.0	3.8	58.2%		L/1	4.1	3.8	3.7	3.7	3.8	3.9	4.0	4.0	4.0	4.1	4.1	4.2	4.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	58.4%		L/1
10	Ashington	33	11	5843	0.14%	10.0	0	0	10.0	S,a	9.8	0.0	0.0	0.0	9.8	97.8%		L/3	10.6	9.8	9.7	9.7	9.7	9.8	9.9	9.9	9.9	10.0	10.1	10.2	10.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	60.0%		L/3
11	Ashigad	33	11	7396	0.18%	19.5	0	0	19.5	W,a	14.3	-0.6	0.0	0.0	13.8	70.5%		L/1	14.1	13.8	13.6	13.6	13.6	13.7	13.8	13.8	13.9	13.9	14.0	14.1	14.2	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	70.0%		L/1
12	Aylesford	33	6.6	10005	0.25%	29.0	0	0	29.0	W,a	26.4	-1.4	0.0	0.0	25.0	86.2%		L/2	28.7	25.0	24.8	24.8	24.8	24.8	24.8	24.8	25.0	25.0	25.0	25.1	25.2	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	86.8%		L/2
13	Baldslow	132	11	8278	0.20%	18.0	0	0	18.0	S,a	18.2	0.0	0.0	0.0	18.2	101.2%	28.5	L/5	20.2	18.2	17.5	17.6	18.2	18.7	19.2	19.2	19.3	19.3	19.4	19.6	19.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	100.8%	17.0	L/5
14	Banstead	33	11	11177	0.27%	22.8	0	0	22.8	W,d	22.1	-1.1	0.0	0.0	21.0	92.3%		L/2	23.2	21.1	20.8	20.8	21.0	21.2	21.4	21.5	21.6	21.8	21.9	22.1	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	91.9%		L/2
15	Barmine	33	11	10109	0.24%	22.8	0	0	22.8	W,d	17.3	-0.6	0.0	0.0	17.3	75.7%		L/1	18.2	17.3	17.0	17.0	17.3	17.5	17.8	17.8	17.9	18.0	18.0	18.3	18.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	79.6%		L/1
16	Beddington 132/33	132	33	5258	0.12%	30.0	0	0	30.0	S,a	15.5	0.0	0.0	0.0	15.5	51.6%		L/1	23.8	15.5	14.4	14.2	14.4	15.0	16.3	16.5	16.5	16.6	16.8	17.1	17.4	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	51.4%		L/1
17	Beddington Local	33	11	5581	0.13%	30.0	0	0	30.0	S,a	18.6	0.0	0.0	0.0	18.6	61.9%		L/1	18.6	18.6	18.3	18.4	18.5	18.8	18.9	18.9	19.0	19.0	19.1	19.2	19.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	61.8%		L/1
18	Bentham Grove	33	6.6	8599	0.20%	22.9	0	0	22.9	W,a	11.4	-0.4	0.0	0.0	11.0	47.9%		L/1	11.0	11.0	10.8	10.8	10.8	10.9	10.9	10.9	10.9	11.0	11.1	11.2	11.4	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	47.4%		L/1
19	Berrylands	33	11	12188	0.29%	21.7	0	0	21.7	W,b	18.5	-1.1	0.0	0.0	17.5	80.4%		L/2	18.6	17.5	17.3	17.3	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.2	18.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	79.8%		L/2
20	Betchworth Total	33	11	3156	0.07%	14.9	0	0	14.9	W,a	7.5	-0.3	0.0	0.0	7.2	48.3%		L/1	7.2	7.2	7.4	7.5	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	48.3%		L/1
21	Betteshanger Grid	132	33	43447	0.82%	78.0	0	0	78.0	W,a	45.4	-2.3	0.0	0.0	43.1	55.2%		L/1	48.9	43.1	42.2	42.3	46.9	47.4	47.9	48.0	48.1	48.2	48.4	48.9	49.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	60.2%		L/1
22	Betteshanger Local	33	11	8646	0.21%	24.0	0	0	24.0	W,a	12.4	-0.7	0.0	0.0	11.7	48.7%		L/1	12.8	11.7	11.5	11.5	11.6	11.7	11.8	11.8	11.9	12.0	12.1	12.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	48.4%		L/1
23	Bexhill Town	33	11	14464	0.34%	19.7	0	0	19.7	S,b	13.3	0.0	0.0	0.0	13.3	67.4%		L/1	11.7	13.3	13.0	13.0	13.1	13.2	13.3	13.4	13.4	13.5	13.6	13.8	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	66.5%		L/1
24	Bogie Hill	33	11	6783	0.16%	22.3	0	0	22.3	W,a	13.6	-0.6	0.0	0.0	13.1	58.8%		L/1	14.3	13.1	12.9	12.9	13.0	13.1	13.2	13.2	13.3	13.4	13.4	13.5	13.7	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	58.4%		L/1
25	Bolney Grid	132	33	15094	0.36%	39.0	0	1.7	40.7	W,a	31.7	-1.2	0.0	0.0	32.5	79.8%		L/1	34.5	32.5	31.9	32.1	32.6	33.2	33.7	33.9	34.2	34.4	34.8	35.3	39.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	80.1%		L/2
26	Bridges Lane	33	11	14703	0.35%	33.8	0	0	33.8	W,b	24.6	-1.4	0.0	0.0	23.3	68.9%		L/1	26.0	23.8	23.1	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.8	23.9	24.1	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	68.9%		L/1
27	Brighton Pelhepeake	132	33	70508	1.67%	156.0	0	0	156.0	W,a	117.8	-3.3	0.0	0.0	114.5	73.4%		L/1	126.8	117.8	123.2	123.1	123.8	124.7	125.6	125.9	126.3	126.7	127.2	128.0	129.2	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	73.4%		L/1
28	Brighton Local	132	33	54937.5	1.30%	90.0	0	0	90.0	S,a	69.2	0.0	0.0	0.0	69.2	76.9%		L/1	75.0	69.2	67.8	67.8	68.4	69.1	69.8	69.9	70.1	70.3	70.6	71.4	72.1	135.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	76.9%		L/1
29	Brighton Town	33	11	12196	0.58%	68.9	0	0	68.9	W,a	51.7	-2.9	0.0	0.0	48.8	70.8%		L/1	53.4	48.8	48.1	48.3	49.3	49.9	50.7	50.9	51.2	51.4	51.7	52.4	67.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.8%		L/1
30	Broadoak Local	33	11	5271	0.13%	15.0	0	0	15.0	W,a	8.8	-0.5	0.0	0.0	8.3	55.7%		L/1	9.4	8.3	8.2	8.2	8.3	8.3	8.4	8.4	8.5	8.5	8.6	8.7	8.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	55.4%		L/1
31	Brook-wood	33	11	14355	0.34%	22.8	0	0	22.8	W,a	26.9	-1.0	0.0	0.0	25.8	113.1%	92.5	L/1	27.7	25.8	25.5	25.4	25.7	26.2	26.5	26.5	26.4	26.5	26.6	26.7	26.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	113.1%	80.0	L/1
32	Burgess Hill	33	11	11886	0.28%	22.9	0	0	22.9	W,d	24.6	-0.8	0.0	0.0	23.8	103.9%	45	L/5	25.0	23.8	23.1	23.1	23.1	23.2	23.3	23.3	23.3	23.4	23.5	23.7	23.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	103.9%		L/5
33	Burham Grid	132	33	12005	0.29%	90.0	0	0	90.0	S,a	55.6	0.0	0.0	0.0	55.6	61.8%		L/1	63.2	55.6	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.7	55.9	56.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	61.8%		L/1
34	Buxted	33	11	4002	0.10%	11.5	0	0	11.5	W,b	7.5	-0.1	0.0	0.0	7.4	64.6%		L/1	7.6	7.4	7.3	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.9	8.0	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	64.6%		L/1
35	Byfleet 132/11	132	11	10735	0.25%	38.1	0	0	38.1	W,a	26.1	-1.1	0.0	0.0	25.0	65.9%		L/1	28.4	25.0	24.7	24.8	25.2	25.8	26.3	26.4	26.5	26.6	26.7	26.8	26.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	65.9%		L/1
36	Byfleet 132/33	132	33	36795	0.87%	90.0	0	0	90.0	S,a	72.6	0.0	0.0	0.0	72.6	80.7%		L/2	69.1	72.6	68.5	68.6	74.0	89.6	90.0	90.1	90.2	90.3	90.5	91.0	91.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	80.7%		L/2
37	Canterbury Grid	33	11	8057	0.19%	23.8	0	0	23.8	W,a	21.8	-0.8	0.0	0.0	21.0	88.2%		L/2	21.1	21.0	21.0	21.0	21.0	21.1	21.1	21.1	21.2	21.2	21.3	21.4	21.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	88.2%		L/2
38	Canterbury South	33	11	39850	0.95%	156.0	0	4.9	160.8	W,a	89.6	-4.9	6.1	0.0	90.8	56.4%		L/1	82.8	90.8	84.0	84.1	86.1	88.6	90.1	90.2	90.3	90.4	90.5	90.7	90.9	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	56.4%		L/1
39	Canterbury Town	33	11	20519	0.49%	34.5	0	0	34.5	W,a	35.1	0.0	0.0	0.0	35.1	101.7%	11	L/5	34.5	35.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	101.7%		L/5
40	Capel Total	33	11	4519	0.11%	10.0	0	0	10.0	W,a	10.3	-0.4	0.0	0.0	9.9	99.1%		L/4	9.2	9.9	9.7	9.7	10.0	10.2	10.4	10.4	10.5	10.5	10.6	10.7	10.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	99.1%		L/4
41	Caterham	33	11	13921	0.31%	23.0	0	0	23.0	W,a	23.1	-0.7	0.0	0.0	22.2	96.7%		L/1	22.7	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	96.7%		L/1
42	CEBL	33	11	3915	0.09%	10.0	0	0	10.0	S,a	11.2	0.0	0.0	0.0	11.2	111.6%	266	L/5	11.8	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	111.6%		L/5
43	Charham	33	11	4188	0.10%	11.5	0	0	11.5	W,a	7.6	0.0	0.0	0.0	7.6	66.1%		L/1	7.7	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	66.1%		L/1
44	Chatham Grid	132	33	40103	0.95%	114.3	0	0	114.3	W,a	67.2	-2.5	0.0	0.0	64.6	56.6%		L/1	71.8	67.2	66.4	66.6	66.8	67.2	67.6	67.7	67.8	67.9	68.0	68.5	68.9	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	56.6%		L/1
45	Chatham Local	33	11	21614	0.51%	47.0	0	0	47.0	W,a	36.0	-1.8	0.0	0.0	34.2	72.8%		L/1	39.2	34.2	33.7	33.8	33.9	34.2	34.7	34.8	34.9	35.0	35.1	35.2	35.4	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	72.8%		L/1
46	Chatham West	33	11	30631	0.73%	57.0	0	0	57.0	W,b	44.6	-1.5	0.0	0.0	43.1	75.5%		L/1	52.2	43.1	42.7	42.5	42.4	42.4	42.5	42.5	42.6	42.6	42.7	43.1	43.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	75.5%		L/1
47	Chelsfield Grid	132	33	59122	1.40%	130.3	0	0	130.3	W,a	112.7	-4.0	0.0	0.0	108.8	83.5%		L/2	116.9	108.8	105.9	105.8	106.8	108.8	110.5	110.6	110.8	110.9	111.1	111.7	112.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	83.5%		L/2
48	Chertsey	33	11	13373	0.32%	22.9	0	0	22.9	W,d	27.0	-1.2	0.0	0.0	25.8	112.6%	242.5	L/5	26.9	25.8	25.5	25.4	25.5	25.6	25.7	25.8	25.8	25.8	26.0	26.2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	112.6%		L/5
49	Chessington Grid	132	33	75053	1.78%	228.7	0	0	228.7	W,a	145.2	-5.6	0.0	0.0	139.6	61.0%		L/1	151.2	139.6	137.9	137.9	138.8	139.6	140.4	141.0	141.4	141.8	142.2	143.4	144.2	228.7	228.7	228.7	228.7	228.7	228.7	228.7	228.7	228.7	228.7	228.7	228.7	61.0%		L/1
50	Cobham (Kent) Total	33	11	4656	0.11%	13.0	0	0	13.0	W,a	8.5	-0.5	0.0	0.0	8.0	61.4%		L/1	8.4	8.0	7.8	7.8	8.0	8.2	8.3	8.3	8.4	8.4	8.4	8.5	8.6	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	61.5%		L/1
51	Cobham (Surrey)	33	11	8077	0.19%	22.9	0	0	22.9	W,a	21.8	-0.6	0.0	0.0	21.2	92.6%		L/2	21.0	20.9	21.0	21.0	21.0	21.1	21.2	21.2	21.3	21.3	21.4	21.5	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	92.6%		L/2
52	Coulsdon	33	11	17634	0.42%	23.0	0	0	23.0	W,a	21.3	-1.1	0.0	0.0	20.1	131.3%	710.5	L/5	28.8	20.1	19.9	19.8	19.8	19.9	20.0	20.0	20.1	20.2	20.2	20.3	20.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	131.3%		L/5
53	Cowfold	33	11	3962	0.09%	13.0	0	0	13.0	W,a	9.4	-0.3	0.0	0.0	9.1	70.0%		L/1	10.5	9.1	8.9	9.0	9.1	9.3	9.5	9.5	9.6	9.6	9.7	9.8	9.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	70.0%		L/1
54	Cranbrook	33	11	1754	0.04%	5.0	0	0	5.0	S,a	4.2	0.0	0.0	0.0	4.2	84.3%		L/1	4.3	4.2	4.2	4.2	4.2	4.3	4.4	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	83.8%		L/1
55	Cranleigh	33	11	9537	0.23%	22.0	0	0	22.0	W,b	17.9	0.2	0.0	0.0	18.1	82.3%		L/2	20.3	18.1	17.7	17.8	18.1	18.5	18.9	18.9	19.0	19.0	19.1	19.4	19.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	82.4%		L/2
56	Crawley Ind East	33	11	7666	0.06%	30.0	0	0	30.0	S,a	21.1	0.0	0.0	0.0	21.1	70.3%	341	L/5	23.2	21.1	20.8	20.8	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	70.3%		L/5
57	Crawley Ind West	33	11	7569	0.18%	22.9	0	0	22.9	W,d	18.9	-0.7	0.0	0.0	18.3	79.7%		L/1	18.3	18.3	18.0	18.0	18.0	18.2	18.5	18.7	18.7	18.7	18.8	18.9	19.1	22.9	22.9

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LOAD INDEX - 31 March 2023 (with no further RIIO-ED1 intervention)			Expenditure													Intervention detail							LOAD INDEX - 31 March 2023 (with further RIIO-ED1 intervention)			P2/6 COMPLIANCE	Weighted Risk Score		
31 March 2023 LOAD INDEX MAXIMUM DEMAND as % of LOAD INDEX FIRM CAPACITY(with no further RIIO ED1 intervention)	31 March 2023 forecast hours at risk (with no further RIIO-ED1 intervention)	Load Index ranking (2023 without intervention)	Historic and forecast reinforcement expenditure (£m)													Is a reinforcement to increase firm capacity for this demand group planned over ED1?	N-2 scheme?	31 March 2023 LOAD INDEX FIRM CAPACITY (with further RIIO-ED1 intervention)	LOAD INDEX MAXIMUM DEMAND for year ending 31 March 2023	Are the relevant consents secured	Capacity added from intervention	31 March 2023 LOAD INDEX MAXIMUM DEMAND as % of LOAD INDEX FIRM CAPACITY(with further RIIO-ED1 intervention)	31 March 2023 forecast of hours / energy at risk (with further RIIO-ED1 intervention)	Load Index ranking (2023 with intervention)	Is a derogation or self-derogation against P2/6 in place, or planned?	Without Investment (1 April 2015)	Without Investment (31 March 2023)	With Investment (31 March 2023)
%	s above 100% loading during	L/1 - L/5	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	Yes/No	Yes/No	MVA	MVA	Yes/No	MVA	%	above 100% loading dur	L/1 - L/5	Yes, in place / Yes, planned / No	Loading risk points	Loading risk points	Loading risk points
63.4%		L/2															No	88.88	61.06	-	-	70.3%		L/1	No	51878	51878	51878
36.9%		L/1															No	23.00	8.50	-	-	36.9%		L/1	No	5187	5187	5187
85.7%		L/2	0	0.000214	0.00												No	22.96	19.67	-	-	85.7%		L/2	No	15629	15629	15629
90.9%		L/2	0.0021723	0.023596	0.01												No	21.46	19.37	-	-	90.3%		L/2	No	13897	13897	13897
50.1%		L/1															No	117.00	78.00	-	-	66.7%		L/1	No	34180	34180	34180
75.9%		L/1															No	22.84	17.34	-	-	75.9%		L/1	No	13064	13064	13064
43.7%		L/1															No	34.44	11.59	-	-	33.6%		L/1	No	7661	7661	7661
56.3%		L/1															No	123.77	69.65	-	-	56.3%		L/1	No	40354	40354	40354
65.4%		L/1															No	6.50	4.25	-	-	65.4%		L/1	No	2558	2558	2558
63.3%		L/1															No	16.20	10.25	-	-	63.3%		L/1	No	5843	5843	5843
73.0%		L/1															No	19.50	14.23	-	-	73.0%		L/1	No	7396	7396	7396
86.8%		L/2	0	0.001033	0.00												No	29.00	25.18	-	-	86.8%		L/2	No	12005	12005	12005
110.4%	924.5	L/5				0.422	1.135	0.574								Yes	No	24.48	19.89	-	6.46	81.3%		L/2	No	827800	827800	8278
89.1%		L/2						0.007	0.030	0.030	0.030	0.030	0.030	0.030	0.030	Yes	No	24.85	22.10	-	2.02	88.9%		L/2	No	11177	11177	11177
81.1%		L/2															No	22.83	18.51	-	-	81.1%		L/2	No	10109	10109	10109
114.7%	10	L/5									0.115	0.346				Yes	No	60.00	32.22	-	30.00	53.7%		L/1	No	5294	526600	5294
64.2%		L/1															No	30.00	19.25	-	-	64.2%		L/1	No	5581	5581	5581
49.8%		L/1															No	22.86	11.38	-	-	49.8%		L/1	No	8599	8599	8599
85.1%		L/2															No	21.72	18.47	-	-	85.1%		L/2	No	12188	12188	12188
50.4%		L/1															No	14.95	7.54	-	-	50.4%		L/1	No	3156	3156	3156
63.3%		L/1															No	78.00	49.40	Yes	-	63.3%		L/1	No	34427	34427	34427
51.1%		L/1															No	24.00	12.27	-	-	51.1%		L/1	No	8646	8646	8646
70.2%		L/1															No	19.68	13.81	-	-	70.2%		L/1	No	14464	14464	14464
61.2%		L/1															No	22.32	13.66	-	-	61.2%		L/1	No	6783	6783	6783
86.6%		L/2															No	40.71	35.28	-	-	86.6%		L/2	No	15094	15094	15094
71.4%		L/1															No	33.84	24.15	-	-	71.4%		L/1	No	14703	14703	14703
83.5%		L/2															No	164.00	136.19	-	-	83.0%		L/2	No	72508	72508	72508
80.2%		L/2															No	90.00	72.14	-	-	80.2%		L/2	No	54937.5	54937.5	54937.5
76.1%		L/1	0	0.042823	0.32		0.043	0.213	0.334	0.334	0.412					Yes	No	81.00	52.38	-	12.15	64.7%		L/1	No	22196	221196	22196
58.8%		L/1															No	14.95	8.79	-	-	58.8%		L/1	No	5271	5271	5271
118.9%	225.5	L/5				0.438	0.896	0.853	1.227	2.057						Yes	No	39.00	27.14	Yes	15.17	71.4%		L/1	No	1435500	1435500	14355
57.2%		L/1															No	22.86	13.71	-	-	60.0%		L/1	No	11886	11886	11886
62.3%		L/1															No	90.00	56.09	-	-	62.3%		L/1	No	12005	12005	12005
69.6%		L/1															No	11.50	8.00	-	-	69.6%		L/1	No	4020	4020	4020
69.5%		L/1	0	0.002709	0.01												No	38.13	26.49	-	-	69.5%		L/1	No	11363	11363	11363
101.6%	26.5	L/5	0.0509934	0.066918	0.33												No	90.00	91.41	-	-	101.6%	26.5	L/5	No	36795	3679500	3679500
94.4%		L/2															No	73.83	68.73	-	-	100.6%		L/4	No	8057	8057	161140
35.0%		L/1															No	160.84	83.61	Yes	-	52.0%		L/1	No	39850	39850	39850
103.2%	31.5	L/5	0.0303856	-0.015215	0.00			0.483	0.629	0.629	0.774					Yes	No	51.74	35.60	-	17.24	68.8%		L/1	No	4103880	2051900	20519
108.9%	34	L/5	0	0.032153	0.01								0.023	0.185	0.461	Yes	No	10.00	10.89	Yes	-	108.9%	34	L/5	No	90380	451900	451900
95.6%		L/3															No	22.00	24.06	-	-	104.6%		L/4	No	12921	12921	258400
111.6%	266	L/5				0.044	0.232	0.401	0.525							Yes	No	18.04	11.16	-	8.04	61.9%		L/1	No	391500	391500	3915
77.0%		L/1															No	11.52	8.87	-	-	77.0%		L/1	No	4188	4188	4188
60.3%		L/1															No	114.34	68.93	-	-	60.3%		L/1	No	40103	40103	40103
73.4%		L/1															No	46.38	34.51	-	-	73.4%		L/1	No	21614	21614	21614
76.2%		L/1															No	47.00	43.42	-	-	76.2%		L/1	No	30631	30631	30631
86.5%		L/2	0.2950939	0.511471	-0.06	0.005	0.029	0.044								Yes	No	130.30	112.76	-	-	86.5%		L/2	No	59122	59122	59122
68.8%		L/1															No	38.13	26.23	-	-	68.8%		L/1	No	13373	13373	13373
63.7%		L/1															No	228.72	145.72	-	-	63.7%		L/1	No	75053	75053	75053
66.5%		L/1															No	13.00	8.65	-	-	66.5%		L/1	No	4656	4656	4656
97.5%		L/3															No	22.84	23.07	-	-	100.9%		L/4	No	9077	9077	181540
80.7%		L/2	0	1.646095	1.12												No	38.08	30.73	-	-	80.7%		L/2	Yes, in place	17634	17634	17634
76.5%		L/1															No	13.00	9.94	-	-	76.5%		L/1	No	3962	3962	3962
92.5%		L/2															No	5.00	4.63	-	-	92.5%		L/2	No	2754	2754	2754
89.1%		L/2															No	22.00	19.61	-	-	89.1%		L/2	No	9537	9537	9537
70.6%		L/1															No	30.00	21.17	-	-	70.6%		L/1	No	2666	2666	2666
83.2%		L/2															No	22.92	19.07	-	-	83.2%		L/2	No	7569	7569	7569
56.2%		L/1															No	54.00	30.34	-	-	56.2%		L/1	No	21649	21649	21649
55.6%		L/1															No	18.00	10.00	-	-	55.6%		L/1	No	2110	2110	2110
87.7%		L/2															No	13.70	11.94	-	0.01	87.3%		L/2	No	7764	7764	7764
59.2%		L/1															No	13.03	7.71	-	-	59.2%		L/1	No	3840	3840	3840
83.7%		L/2															No	30.00	25.11	-	-	83.7%		L/2	No	17180	17180	17180
107.3%	1270	L/5															No	58.54	62.83	-	-	107.3%	1270	L/5	No	859900	859900	859900
100.0%		L/4															No	30.00	30.28	-	-	100.9%		L/4	No	3300	3300	3300
72.6%		L/1															No	90.00	65.36	-	-	72.6%		L/1	No	49440	49440	49440
73.7%		L/1															No	28.48	21.01	-	-	73.7%		L/1	No	1210	1210	1210
83.7%		L/2															No	3.84	3.21	-	-	83.7%		L/2	No	643	643	643
52.9%		L/1															No	24.00	12.70	-	-	52.9%		L/1	No	11477	11477	11477
57.6%		L/1	0	0.225763	0.159334												No	34.27	19.73	-	-	57.6%		L/1	No	10658	10658	10658
54.0%		L/1								0.249	0.746					Yes	No	117.00	63.22	-	-	54.0%		L/1	No	27343	27343	27343
120.5%	617	L/5															No	24.00	16.82	-	10.04	70.1%		L/1	No	1164500	1164500	11645
85.9%		L/2															No	22.55	19.38	-	-	85.9%		L/2	No	11645	11645	11645
96.1%		L/3															No	3.51	3.87	-	-	110.4%		L/4	No	1954	1954	39080
77.6%		L/1															No	20.00	15.52	-	-	77.6%		L/1	No	5258	5258	5258
79.2%		L/1															No	44.58	35.29	-	-	79.2%		L/1	No	17130	17130	17130
76.2%		L/1															No	38.13	29.06	-	-	76.2%		L/1	No	19038	19038	19038
67.0%		L/1															No	58.54	39.24	-	-	67.0%		L/1	No	23140	23140	23140
67.1%		L/1															No	7.50	5.03	-	-	67.1%		L/1	No	1813	1813	1813
37.6%		L/1															No	33.54	12.76	-	-	37.6%		L/1	No	5398	5398	5398
79.1%		L/1															No	8.54	6.75	-	-	79.1%		L/1	No	4047	4047	4047
68.6%		L/1															No	22.98	15.76	-	-	68.6%		L/1	No	8021	8021	8021
107.5%	661	L/5								0.023	0.195	0.508	0.508	0.508		Yes	No	22.90	24.58	No	0.04	107.3%	643.5	L/5	No	1137900	1137900	1137900
86.6%		L/2															No	48.00	41.57	-	-	86.6%		L/2	No	23197	23197	23197
72.2%		L/1															No	45.78	34.64	-	-	75.7%		L/1	No	22769	22769	22769
																	No	0.00	0.00	-	-	-			No	-	-	-
75.9%		L/1															No	22.90	17.38	-	-	75.9%		L/1	No	9613	9613	9613
47.3%		L/1	0	0	0.026462												No	41.31	19.55	-	-	47.3%		L/1	No	12459	12459	12459
66.9%		L/1															No	78.00	52.15	-	-	66.9%		L/1	No	31046	31046	31046
75.5%		L/1															No	22.96	17.33	-	-	75.5%		L/1	No	10611	10611	10611
87.0%		L/2															No	39.00	33.93	-	-	87.0%		L/2	No	20768	20768	20768
65.8%		L/1															No	12.96	8.53	-	-	65.8%		L/1	No	3704	3704	3704
55.9%		L/1															No	12.00	6.70	-	-	55.9%		L/1	No	2326	2326	2326
53.6%		L/1	0	0.01071	0.018518												No	36.00	19.29	-	-	53.6%		L/1	No	2128	2128	2128
69.6%		L/1	1.76955	0.269774	0.128481												No	114.32	79.61	-	-	69.6%		L/1	No	42250	42250	42250
52.7%		L/1															No	13.00	6.85	-	-	52.7%		L/1	No	2958	2958	2958
52.2%		L/1															No	10.00	5.22	-	-	52.2%		L/1	No	1873	1873	1873
81.1%		L/2															No	22.83	18.52	-	-	81.1%		L/2	No	14314	14314	14314
106.1%	10	L/5				0.022	0.131	1.019	2.542	1.017						Yes	No	40.82	19.38	-	22.55	47.5%		L/1	No	1295800	129580	12958
89.1%		L/2															No	18.04	16.08	-	-	89.1%		L/2	No	1167	1167	1167
76.7%		L/1															No	18.00	13.80	-	-	76.7%		L/1	No	5548	5548	5548
47.1%		L/1															No	11.50	5.42	-	-	47.1%		L/1	No	2977	2977	2977
			0	0.014044	0.006839												No	0.00	0.00	-	-	-			No	-	-	-
104.7%	9	L/5				0.037	0.721	2.128	3.865	4.815	5.637	2.772				Yes	Yes	228.50	98.57	No	114.23	43.1%		L/1	No	44628	4462800	44628
92.9%		L/2															No	15.16	14.09	-	-	92.9%		L/2	No	6643	6643	6643
81.2%		L/2															No	19.00	15.42	-	-	81.2%		L/2	No	8149	8149	8149
90.4%		L/2															No	22.96	20.76	-	-	90.4%		L/2	No	13773	13773	13773
82.2%		L/2															No	22.93	18.84	-	-	82.2%		L/2	No	10157	10157	10157
73.9%		L/1															No	21.44	15.85	-	-	73.9%		L/1	No	11228	11228	11228
75.0%		L/1															No	16.00	12.00	-	-	75.0%		L/1	No	4313	4313	4313
71.3%		L/1															No	78.00	55.64	-	-	71.3%		L/1	No	28578	28578	28578
68.8%		L/1															No	76.19	52.42	-	-	68.8%		L/1	No	46530	46530	46530
57.0%		L/1															No	15.00	8.54	-	-	57.0%		L/1	No	4444	4444	4444
73.3%		L/1															No	40.92	30.00	-	-	73.3%		L/1	No	20184	20184	20184
56.3%		L/1															No	13.00	7.32	-	-	56.3%		L/1	No	2719	2719	2719
72.7%		L/1				0.050											No	38.97	28.49	-	-	72.2%		L/1	No	19021	19021	19021
35.5%		L/1															No	124.58	44.17	-	-	35.5%		L/1	No	35600	35600	35600
86.7%		L/2															No	12.00	10.41	-	-	86.7%		L/2	No	5464	5464	5464
57.7%		L/1															No	48.06	27.74	-	-	57.7%		L/1	No	13242	13242	13242
53.8%		L/1															No	10.00	5.38	-	-	53.8%		L/1	No	4638	4638	4638
92.4%		L/2	0	-0.18902	0												No	17.76	16.40	-	-	92.4%		L/2	No	7488	7488	7488
58.8%		L/1															No	60.00	35.31	-	-	58.8%		L/1	No	27049	27049	27049
80.3%		L/2															No	20.51	16.47	-	-	80.3%		L/2	No	10170	10170	10170
55.9%		L/1															No	24.04	13.44	-	-	55.9%		L/1	No	8780	8780	8780
71.9%		L/1															No	6.46	4.67	-	0.04	72.4%		L/1	No	2660	2660	2660
75.9%		L/1															No	20.00	15.18	-	-	75.9%		L/1	No	12660	12660	12660
72.9%		L/1															No	4.55	3.31	-	-	72.9%		L/1	No	1724	1724	1724
21.7%		L/1															No	38.98	8.46	-	-	21.7%		L/1	No	2421	2421	2421
76.4%		L/1															No	54.00	41.27	-	-	76.4%		L/1	No	23557	23557	23557
78.8%		L/1															No	173.50	138.38	-	-	79.8%		L/1	No	73459	73459	73459
76.8%		L/1	0.000692	0.002529	0												No	171.56	131.71	-	-	76.8%		L/1	No	55739.5	55739.5	55739.5
85.0%		L/2	0	0.000792	0												No	23.85	20.28	-	-	85.0%		L/2	No	10735	10735	10735
64.9%		L/1	0.0007946	0.029325	0												No	118.63	77.02	-	-	64.9%		L/1	No	43846.5	43846.5	43846.5
82.4%		L/2															No	10.00	8.24	-	-	82.4%		L/2	No	6607	6607	6607
89.2%		L/2															No	71.47	63.78	-	-	89.2%		L/2	No	36705	36705	36705
82.7%		L/2	0	0.001185	0.00072												No	16.22	13.24	-	-	82.7%		L/2	No	7472	7472	7472
154.6%	2442	L/5															No	1.28	1.97	-	-	154.6%	2442	L/5	No	132500	132500	132500
			0	0.012429	0.01483	0.855	1.174										No	0.00	0.00	-	-	-			No	-	-	-
89.4%		L/2															No	7.00	6.25	-	-	89.4%		L/2	No	2829	2829	2829
64.1%		L/1															No	22.89	14.67	-	-	64.1%		L/1	No	10578	10578	10578
80.5%		L/2				0.047	0.488	1.389	1.389	2.242						Yes	No	37.00	22.97	-	8.46	62.1%		L/1	No	15517	15517	15517
59.1%		L/1															No	17.25	10.20	-	-	59.1%		L/1	No	7876	7876	7876
42.0%		L/1	0.0008961	0	0												No	23.85	10.02	-	-	42.0%		L/1	No	7621	7621	7621
																	No	0.00	0.00	-	-	-			No	-	-	-
13.6%		L/1															No	30.00	4.09	-	-	13.6%		L/1	No	58	58	58
106.5%	256.5	L/5				0.169	0.213	0.262	0.194	0.255	0.274		0.036	0.172	0.262	Yes	No	5.00	5.32	-	-	106.5%	256.5	L/5	No	27880	278800	278800
57.6%		L/1															No	35.31	20.35	-	-	57.6%		L/1	No	16211	16211	16211
53.7%		L/1															No	22.95	12.33	-	-	53.7%		L/1	No	8194	8194	8194
53.9%		L/1															No	175.52	94.66	-	-	53.9%		L/1	No	53799	53799	53799
66.3%		L/1															No	22.81	15.12	-	-	66.3%		L/1	No	5810	5810	5810
89.6%		L/2															No	21.16	18.97	-	-	89.6%		L/2	No	6703	6703	6703
95.2%		L/3											0.017	0.268	1.025	1.198	Yes	No	23.00	21.90	No	-	95.2%		L/3	No	11478	11478	11478
61.2%		L/1															No	13.75	8.42	-	-	61.2%		L/1	No	6664	6664	6664
75.9%		L/1															No	22.00	16.70	-	-	75.9%		L/1	No	8705	8705	8705
52.5%		L/1											0.044	1.174	4.173	3.119	Yes	No	55.05	28.90	No	0.00	52.5%		L/1	No	16506.5	16506.5	16506.5
98.2%		L/3															No	24.00	23.57	-	-	98.2%		L/3	No	12522	12522	12522
98.4%		L/3															No	10.00	9.84	-	-	98.4%		L/3	No	3711	3711	3711
71.8%		L/1															No	17.36	12.46	-	-	71.8%		L/1	No	4798	4798	4798
47.8%		L/1															No	90.58	43.24	-	-	47.8%		L/1	No	30438	30438	30438
50.5%		L/1															No	14.95	7.54	-	-	50.5%		L/1	No	4159	4159	4159
76.1%		L/1	0	0	0												No	117.00	43.17	-	-	36.9%		L/1	No	55084	55084	55084
63.0%		L/1	0	0	0												No	6.50	4.82	-	-	74.2%		L/1	No	1792	1792	1792
82.7%		L/2	0	0.001322	0												No	24.00	19.85	-	-	82.7%		L/2	No	15834	15834	15834
61.3%		L/1															No	22.93	14.05	-	-	61.3%		L/1	No	8175	8175	8175
88.2%		L/2															No	21.72	19.16	-	-	88.2%		L/2	No	12170	12170	12170
84.7%		L/2															No	15.00	12.71	-	-	84.7%		L/2	No	3631	3631	3631
49.8%		L/1	0	0.006086	0.00177												No	45.82	22.82	-	-	49.8%		L/1	No	11256	11256	11256
78.5%		L/1	0	0	-0.008474												No	23.85	18.71	-	-	78.5%		L/1	No	11894	11894	11894
86.0%		L/2															No	22.96	19.75	-	-	86.0%		L/2	No	13031	13031	13031
57.3%		L/1															No	228.74	131.00	-	-	57.3%		L/1	No	59989	59989	59989
74.0%		L/1															No	5.00	3.70	-	-	74.0%		L/1	No	2457	2457	2457
74.2%		L/1															No	22.00	16.33	-	-	74.2%		L/1	No	12159	12159	12159
52.5%		L/1															No	22.84	12.61	-	-	54.9%		L/1	No	10661	10661	10661
82.5%		L/2															No	16.88	13.92	-	-	82.5%		L/2	No	8705	8705	8705
73.8%		L/1	0	0.002252	0												No	45.72	33.73	-	-	73.8%		L/1	No	0	0	0
72.8%		L/1															No	18.00	13.11	-	-	72.8%		L/1	No	5903	5903	5903
75.4%		L/1															No	22.99	17.33	-	-	75.4%		L/1	No	6986	6986	6986
69.8%		L/1															No	21.94	15.32	-	-	69.8%		L/1	No	12595	12595	12595
77.8%		L/1															No	69.00	53.71	-	-	77.8%		L/1	No	24386	24386	24386
37.2%		L/1															No	14.95	5.56	-	-	37.2%		L/1	No	2429	2429	2429
55.2%		L/1															No	22.81	12.60	-	-	55.2%		L/1	No	0	0	0
26.8%		L/1	0	-0.002836	-0.032208												No	11.46	3.07	-	-	26.8%		L/1	No	4485	4485	4485
79.2%		L/1															No	58.53	46.33	-	-	79.2%		L/1	No	29976	29976	29976
50.1%		L/1															No	22.86	11.45	-	-	50.1%		L/1	No	9560	9560	9560
42.1%		L/1	0	0	0.007118												No	34.50	14.54	-	-	42.1%		L/1	No	8125	8125	8125
61.4%		L/1	0	0.212703	0.030087												No	23.85	14.64	-	-	61.4%		L/1	No	7173	7173	7173
95.4%		L/3															No	99.48	94.90	-	-	95.4%		L/3	No	57231	57231	57231
62.6%		L/1															No	47.68	29.85	-	-	62.6%		L/1	No	18968	18968	18968
71.8%		L/1															No	17.25	12.38	-	-	71.8%		L/1	No	2816	2816	2816
86.3%		L/2											0.007	0.030	0.030	0.030	Yes	No	29.

LOAD INDEX - 31 March 2023 (with no further RIIO-ED1 intervention)			Expenditure													Intervention detail										P2/6 COMPLIANCE	Weighted Risk Score		
31 March 2023 LOAD INDEX MAXIMUM DEMAND as % of LOAD INDEX FIRM CAPACITY(with no further RIIO ED1 intervention)	31 March 2023 forecast hours at risk (with no further RIIO-ED1 intervention)	Load Index ranking (2023 without intervention)	Historic and forecast reinforcement expenditure (£m)													Is a reinforcement to increase firm capacity for this demand group planned over ED1?	N-2 scheme?	31 March 2023 LOAD INDEX FIRM CAPACITY (with further RIIO-ED1 intervention)	LOAD INDEX MAXIMUM DEMAND for year ending 31 March 2023	Are the relevant consents secured	Capacity added from intervention	31 March 2023 LOAD INDEX MAXIMUM DEMAND as % of LOAD INDEX FIRM CAPACITY(with further RIIO-ED1 intervention)	31 March 2023 forecast of hours / energy at risk (with further RIIO-ED1 intervention)	Load Index ranking (2023 with intervention)	Is a derogation or self-derogation against P2/6 in place, or planned?	Without Investment (1 April 2015)	Without Investment (31 March 2023)	With Investment (31 March 2023)
%	s above 100% loading during	LI1 - LI5	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	Yes/No	Yes/No	MVA	MVA	Yes/No	MVA	%	above 100% loading dur	LI1 - LI5	Yes, in place / Yes, planned / No	Loading risk points	Loading risk points	Loading risk points
74.5%		LI1															No	130.31	97.13	nfrastructure Consent	-	74.5%		LI1	infrastructure	58516	58516	58516
141.8%	1223	LI5															No	0.00	0.00	nfrastructure Consent	30.91			#N/A	infrastructure	2453900	2453900	-
112.0%	168	LI5				0.228	0.429	0.429	0.590							Yes	No	135.31	145.92	nfrastructure Consent	-	112.0%	168	LI5	infrastructure	4815800	4815800	4815800
94.9%		LI2				0.030	0.151	0.248	0.248	0.316						Yes	No	44.00	23.34	nfrastructure Consent	19.42	53.0%		LI1	infrastructure	11796.5	11796.5	11796.5
90.7%		LI2															No	21.98	19.94	nfrastructure Consent	-	90.7%		LI2	infrastructure	9011	9011	9011
																										320484465	**46991661.5**	**18841274.5**

CV103: Reinforcement - LCT data
SPN
Price base (2012/13)
ED1 DNO own current "best view" - using current information

		Volumes																Costs												Annual Unit Cost												Multi-Year Average Unit Cost										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2011-2012	2011-2013	2011-2014	2011-2015	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023	2016-2021
		DPCR4	DPCR5					RIIO-ED1										RIIO-ED1																(£m)	(£m)																						
Secondary network																																		£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Heat Pumps	Volume connected			1,648.71	5,861.65	3,954.08	5,121.53	6,205.29	6,998.84	7,720.23	8,727.05	9,970.11	11,402.87	13,412.19	15,385.64	16,586.0	79,820.2																																											
EV slow charge	Volume connected			458.06	1,737.93	1,259.26	806.50	1,125.88	851.06	1,882.29	4,899.85	3,849.54	4,494.97	7,099.04	3,978.26	4,261.8	28,180.9																																											
EV fast charge	Volume connected			84.44	425.82	714.99	924.25	1,425.62	1,853.44	3,848.46	9,011.40	10,744.71	14,727.53	20,907.71	19,822.99	2,149.5	82,341.9																																											
PVs	Volume connected			-	-	29,846.28	9,128.11	9,339.53	9,568.64	9,723.44	9,769.09	9,793.95	9,574.55	8,599.43	6,449.57	38,974.4	72,818.2																																											
DG	Volume connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
primary network																																																													
Heat Pumps	Volume connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
EV slow chargers	Volume connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
EV Fast chargers	Volume connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
PVs	Volume connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
DG	Volume connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
Secondary network																																																													
Heat Pumps	MW connected			10.56	35.85	17.52	20.99	24.21	26.56	28.72	31.70	35.37	41.13	51.74	57.98	84.9	297.4																																											
EV slow chargers	MW connected			0.30	1.13	0.82	0.52	0.73	0.55	1.22	3.17	2.49	2.91	4.60	2.58	2.8	18.3																																											
EV Fast chargers	MW connected			0.07	0.33	0.56	0.72	1.12	1.45	3.01	7.05	8.40	11.52	16.35	15.51	1.7	64.4																																											
PVs	MW connected			-	-	186.64	66.57	68.69	70.07	70.95	71.40	71.50	68.90	59.97	44.98	253.2	526.5																																											
DG	MW connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
primary network																																																													
Heat Pumps	MW connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
EV slow chargers	MW connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
EV Fast chargers	MW connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
PVs	MW connected			-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
DG	MW connected			-	-	74.67	6.08	6.83	9.08	9.08	9.08	9.08	8.56	6.98	5.23	80.7	63.9																																											
Secondary network																																																													
Active Network Management - Dynamic Network Reconfiguration	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Flexible AC Transmission Systems	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
D/CGR	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Embedded DC Networks	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Enhanced Automatic voltage Control (EAVC)	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Fault Current Limiters	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Generator Providing Network Support	number of times implemented			-	-	-	-	7.66	7.61	7.91	7.94	7.96	8.21	8.36	8.03	-	63.7								0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-	0.2		0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8				0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Intelligent control devices (EVs)	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
New Types Of Circuit Infrastructure	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Meshing (permanent)	number of times implemented			-	-	-	-	74.30	73.76	76.69	76.97	77.13	79.65	81.11	77.91	-	617.6								1.85	1.84	1.91	1.92	1.93	1.99	2.02	1.95	-	15.4		0.0	0.0	0.0	0.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0				0.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Meshing (temporary)	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Real Time Thermal Rating	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Switched Capacitors	number of times implemented			-	-	-	-	9.21	9.14	9.50	9.54	9.57	9.87	10.05	9.66	-	76.5								0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.11	-	0.9		0.0	0.0	0.0	0.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6				0.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
Conventional reinforcement	number of times implemented			-	-	-	-	40.68	40.38	41.98	42.16	42.25	43.60	44.40	42.65	-	338.1								0.79	0.78	0.81	0.81	0.82	0.84	0.86	0.82	-	6.5		0.0	0.0	0.0	0.0	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3				0.0	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
Electrical Energy Storage	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-																			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0
Smart Enabler	number of times implemented			-	-	-	-	130.90	129.96	135.10	135.60	135.98	140.33	142.89	137.27	-	1,088.0								0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	-	1.2		0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1				0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	number of times implemented			-	-	-	-	-	-	-	-	-	-	-	-	-	-								-	-	-	-	-	-	-	-	-	-		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0								0.0

CV105: Operational Information Technology and Telecoms exc. BT21CN
SPN
Price base (2012/13)

	Volumes															
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								#	#
Substation RTUs, marshalling kiosks, receivers		172.00	186.00	195.00	2.00	2.00	1,391.00	1,794.00	1,905.00	2,064.00	1,701.00	1,620.00	1,579.00	1,523.00	557.0	13,577.0
Communications for switching & monitoring																
Control centre hardware & software																
Total		**172.0**	**186.0**	**195.0**	**2.0**	**2.0**	**1,391.0**	**1,794.0**	**1,905.0**	**2,064.0**	**1,701.0**	**1,620.0**	**1,579.0**	**1,523.0**	**557.0**	**13,577.0**

	Costs															
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Substation RTUs, marshalling kiosks, receivers		0.26	0.65	0.68	1.94	2.04	2.83	3.08	3.21	3.27	3.63	3.89	4.02	4.16	5.6	28.1
Communications for switching & monitoring		0.11	-0.05	0.61	1.19	1.10	0.57	0.49	0.74	0.57	0.54	0.59	0.75	0.75	3.0	5.0
Control centre hardware & software		-	-	0.79	1.56	1.24	0.34	0.23	0.36	0.25	0.22	0.24	0.31	0.30	3.6	2.2
Total		**0.4**	**0.6**	**2.1**	**4.7**	**4.4**	**3.7**	**3.8**	**4.3**	**4.1**	**4.4**	**4.7**	**5.1**	**5.2**	**12.1**	35.3

By Cost Type

Labour	0.09	0.13	0.17	0.37	0.35	0.30	0.30	0.34	0.33	0.35	0.38	0.41	0.42	**1.1**	2.8
Pensions	0.01	0.02	0.02	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	**0.2**	0.5
Contractors	0.19	0.18	1.45	3.25	3.04	2.59	2.64	3.00	2.84	3.05	3.28	3.53	3.62	**8.1**	24.5
Materials	0.08	0.27	0.44	0.99	0.93	0.79	0.80	0.91	0.87	0.93	1.00	1.08	1.10	**2.7**	7.5
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs	**0.4**	**0.6**	**2.1**	**4.7**	**4.4**	**3.7**	**3.8**	**4.3**	**4.1**	**4.4**	**4.7**	**5.1**	**5.2**	**12.1**	35.3
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs	**0.4**	**0.6**	**2.1**	**4.7**	**4.4**	**3.7**	**3.8**	**4.3**	**4.1**	**4.4**	**4.7**	**5.1**	**5.2**	**12.1**	35.3

Check - Cost Type to Total Directs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Gross Costs to Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Check - Net Costs to Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

CV106: Quality of Service, & Worst Served Customer - Ex ante
SPN
Price base (2012/13)

Quality of Service

Volumes

CI and CML Improvement Schemes	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4	DPCR5					RIIO-ED1									
HV Remote Control Retrofit	#				716.00	707.00	-										
Algorithmic Automation	#				-	-	-										
ASL Programme	#				-	-	-										
Switchgear Change Programme	#				203.00	282.00	282.00										
CI and CML Improvements	Units																
Forecast CI Improvements	CI				53.0	52.1	52.0	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2		
Forecast CML Improvements	CML				42.1	38.3	36.8	-3.1	-3.1	-3.1	-3.1	-3.1	-3.1	-3.1	-3.1		
CI and CML Baselines	Units																
CI Baseline	CI		74.23	51.37	53.00	52.18	52.18										
CML Baseline	CML		65.91	37.68	42.12	39.90	39.90										
CI outputs delivered																	
CI projects	Units																
Algorithmic Automation	CI		-	-	-	-	-										
ASL Programme	CI		-	-	-	-	-										
Switchgear Change Programme	CI		-	-	-	0.09	0.13										
-	CI		-	-	-	-	-										
	CI		-	-	-	-	-										
Total CI incremental	CI		-	-	-	0.1	0.1	-	-	-	-	-	-	-	-		
CML outputs delivered by CI projects																	
CI projects	Units																
Algorithmic Automation	CML		-	-	-	-	-										
ASL Programme	CML		-	-	-	-	-										
Switchgear Change Programme	CML		-	-	-	0.04	0.06										
-	CML		-	-	-	-	-										
-	CML		-	-	-	-	-										
Total CML incremental	CML		-	-	-	0.0	0.1	-	-	-	-	-	-	-	-		
CML outputs delivered	Units																
Baseline CML after CI improvement	CML		65.9	37.7	42.1	39.9	39.8	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1		
CML projects	Units																
HV Remote Control Retrofit	CML		-	-	-	1.50	1.49										
-	CML		-	-	-	-	-										
-	CML		-	-	-	-	-										
-	CML		-	-	-	-	-										
	CML		-	-	-	-	-										
Total CML incremental	CML		-	-	-	1.5	1.5	-	-	-	-	-	-	-	-		

Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Expenditure on QoS Schemes																
QoS	5.03	2.04	4.73	1.71	0.58										14.1	-
Remote Location Generation Capital Costs	-	-	-	-	-										-	-
Total Expenditure on Schemes	**5.0**	**2.0**	**4.7**	**1.7**	**0.6**	-	-	-	-	-	-	-	-	**14.1**	-
By Cost Type																
Labour	0.23	0.25	0.45	0.16	0.05									**1.1**	-
Pensions	0.03	0.04	0.07	0.03	0.01									**0.2**	-
Contractors	2.77	0.76	0.38	0.14	0.05									**4.1**	-
Materials	1.96	0.98	3.83	1.38	0.47									**8.6**	-
Wayleaves (inc Easements/Servitudes)	0.02	0.00	0.00	0.00	0.00									**0.0**	-
Road Charges	0.00	-0.00	0.00	0.00	0.00									**0.0**	-
Rent	-	-	-	-	-									-	-
Subscriptions	-	-	-	-	-									-	-
Related Party Margins	0.01	-	-	-	-									**0.0**	-
Total Gross Costs	**5.0**	**2.0**	**4.7**	**1.7**	**0.6**	-	-	-	-	-	-	-	-	**14.1**	-
Customer Contributions	-	-	-	-	-									-	-
Cost recoveries	-	-	-	-	-									-	-
Total Net Costs	**5.0**	**2.0**	**4.7**	**1.7**	**0.6**	-	-	-	-	-	-	-	-	**14.1**	-
Check - Cost Type to Total Directs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Gross Costs to Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Net Costs to Cost Matrix	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
WSC Schemes																
Worst Served Customer Schemes	-	-	0.07	0.83	0.71	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	**1.6**	2.8
By Cost Type															
Labour	-	-	0.00	0.08	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	**0.0**	0.3
Pensions	-	-	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.0**	0.0
Contractors	-	-	0.05	0.07	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	**0.0**	0.2
Materials	-	-	0.02	0.67	0.58	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	**0.0**	2.3
Wayleaves (inc Easements/Servitudes)	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	0.0
Road Charges	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.0
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs	-	-	**0.1**	**0.8**	**0.7**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.1**	2.8
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs	-	-	**0.1**	**0.8**	**0.7**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.1**	2.8
Check - Cost Type to Category	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Worst Served Customers in year	#	3,011.00	1,644.00	2,249.00

RIIO-ED1

DNO stakeholder engagement based performance improvement factor required to qualify for revenue recovery	%	-
DNO stakeholder engagement based spending cap per worst served customer	£	-

Stakeholder research based proposals for IIS targets and incentive rates during RIIO-ED1

DNO proposed unplanned CI target	CI	-	-	-	-	-	-	-	-	-
DNO proposed unplanned CML target	CML	-	-	-	-	-	-	-	-	-
DNO proposed planned CI target	CI	-	-	-	-	-	-	-	-	-
DNO proposed planned CML target	CML	-	-	-	-	-	-	-	-	-

		ED1 (£m)
DNO proposed CI Incentive rate for RIIO-ED1	CI	-
DNO proposed CML Incentive rate for RIIO-ED1	CML	-

CV106b: Quality of Service - DNO funded
SPN
Price base (2012/13)

Quality of Service

CI and CML Improvement Schemes	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		Volumes															
		DPCR4	DPCR5					RIIO-ED1									
HV Remote Control Retrofit	#							-	-	-	-	-	-	-	-		
Algorithmic Automation	#							1.00	-	-	-	-	-	-	-		
ASL Programme	#							95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00		
Switchgear Change Programme	#							295.00	295.00	295.00	295.00	295.00	295.00	295.00	295.00		

CI and CML Improvements	Units	2016	2017	2018	2019	2020	2021	2022	2023
Forecast CI Improvements	CI	50.6	50.4	50.2	50.0	49.8	49.6	49.4	49.2
Forecast CML Improvements	CML	39.3	39.2	39.1	39.0	38.9	38.8	38.7	38.6

CI and CML Baselines	Units	2016	2017	2018	2019	2020	2021	2022	2023
CI Baseline	CI	52.18	52.18	52.18	52.18	52.18	52.18	52.18	52.18
CML Baseline	CML	39.90	39.90	39.90	39.90	39.90	39.90	39.90	39.90

CI outputs delivered									
CI projects	Units								
Algorithmic Automation	CI	1.50	-	-	-	-	-	-	-
ASL Programme	CI	-	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Switchgear Change Programme	CI	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
-	CI	-	-	-	-	-	-	-	-
	CI	-	-	-	-	-	-	-	-
Total CI incremental	CI	1.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2

CML outputs delivered by CI projects									
CI projects	Units								
Algorithmic Automation	CML	0.50	-	-	-	-	-	-	-
ASL Programme	CML	-	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Switchgear Change Programme	CML	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
-	CML	-	-	-	-	-	-	-	-
-	CML	-	-	-	-	-	-	-	-
Total CML incremental	CML	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1

CML outputs delivered	Units								
Baseline CML after CI improvement	CML	39.3	39.2	39.1	39.0	38.9	38.8	38.7	38.6

CML projects	Units								
HV Remote Control Retrofit	CML	-	-	-	-	-	-	-	-
-	CML	-	-	-	-	-	-	-	-
-	CML	-	-	-	-	-	-	-	-
-	CML	-	-	-	-	-	-	-	-
	CML	-	-	-	-	-	-	-	-
Total CML incremental	CML	-	-	-	-	-	-	-	-

Costs	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Expenditure on QoS Schemes																
QoS							0.42	0.86	0.84	0.36	0.36	0.36	0.36	0.36	-	3.9
Remote Location Generation Capital Costs							-	-	-	-	-	-	-	-	-	-
Total Expenditure on Schemes							**0.4**	**0.9**	**0.8**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**-**	3.9
By Cost Type																
Labour							0.04	0.08	0.08	0.03	0.03	0.03	0.03	0.03	-	0.4
Pensions							0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	0.1
Contractors							0.03	0.07	0.07	0.03	0.03	0.03	0.03	0.03	-	0.3
Materials							0.34	0.70	0.68	0.29	0.29	0.29	0.29	0.29	-	3.2
Wayleaves (inc Easements/Servitudes)							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.0
Road Charges							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.0
Rent							-	-	-	-	-	-	-	-	-	-
Subscriptions							-	-	-	-	-	-	-	-	-	-
Related Party Margins							-	-	-	-	-	-	-	-	-	-
Total Gross Costs							**0.4**	**0.9**	**0.8**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**-**	3.9
Customer Contributions							-	-	-	-	-	-	-	-	-	-
Cost recoveries							-	-	-	-	-	-	-	-	-	-
Total Net Costs							**0.4**	**0.9**	**0.8**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**-**	3.9
Check - Cost Type to Total Directs							OK	OK	OK	OK	OK	OK	OK	OK		
Check - Gross Costs to Cost Matrix							OK	OK	OK	OK	OK	OK	OK	OK		
Check - Net Costs to Cost Matrix							OK	OK	OK	OK	OK	OK	OK	OK		

CV107: Severe Weather Atypicals 1-in-20
SPN
Price base (2012/13)

Total Directs

		Number of Incidents					Total Direct Costs						
		2010	2011	2012	2013	2014	RIIO-ED1	2010	2011	2012	2013	2014	RIIO-ED1	RIIO-ED1
		DPCR4	DPCR5				#	DPCR4	DPCR5				(£m)	
Power System Voltage Equipment / Unplanned Incident	LV Network and LV Services		-	-	-	1,006.00	770.00		-	-	-	2.85	2.90	0.36
Power System Voltage Equipment / Unplanned Incident	HV Network		-	-	-	593.00	325.00		-	-	-	1.60	2.96	0.37
Power System Voltage Equipment / Unplanned Incident	EHV Network		-	-	-	23.00	11.00		-	-	-	0.20	0.07	0.01
Power System Voltage Equipment / Unplanned Incident	132kV Network		-	-	-	6.00	4.00		-	-	-	0.10	0.07	0.01
Power System Voltage Equipment / Unplanned Incident	**Total**		**-**	**-**	**-**	**1,628.00**	**1,110.00**		**-**	**-**	**-**	**4.75**	**6.00**	**0.75**

By Cost Type

Labour			-	-	-	1.56	1.97	0.25
Pensions			-	-	-	0.17	0.22	0.03
Contractors			-	-	-	2.60	3.28	0.41
Materials			-	-	-	0.42	0.53	0.07
Wayleaves (inc Easements/Servitudes)			-	-	-	-	-	-
Road Charges			-	-	-	-	-	-
Rent			-	-	-	-	-	-
Subscriptions			-	-	-	-	-	-
Related Party Margins			-	-	-	-	-	-
Total Gross Costs			**-**	**-**	**-**	**4.8**	**6.0**	**0.75**
Customer Contributions			-	-	-	-	-	-
Cost recoveries			-	-	-	-	-	-
Total Net Costs			**-**	**-**	**-**	**4.8**	**6.0**	**0.75**

Check - Cost Type to Total Directs	OK	OK	OK	OK	OK
Check - Gross Costs to Cost Matrix	OK	OK	OK	OK	OK
Check - Net Costs to Cost Matrix	OK	OK	OK	OK	OK

CV108: Transmission Connection Points
SPN
Price base (2012/13)

	Activity																Total Direct Costs														
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total		DPCR4	DPCR5				RIIO-ED1								Total	
	DPCR4			DPCR5			RIIO-ED1								DPCR5	RIIO-ED1	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Transmission Connection Point Works	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
GSPs reinforced - licensee requirement		-	-	-	-	-	-	1.00	-	-	-	-	-	-	**-**	**1.00**		-	-	-	-	-	-	0.37	0.73	0.73	0.73	0.73	0.73	0.73	-	4.75
GSPs new - licensee requirement		-	-	-	-	-	-	1.00	-	-	-	-	-	-	**-**	**1.00**		-	-	-	-	-	-	1.35	2.70	2.70	2.70	2.70	2.70	2.70	-	17.55
Transmission connection point charges (non-pass through)																																
Licensee requirement																							-	1.72	3.43	3.43	3.43	3.43	3.43	3.43	-	22.30
Number of Transmission Connection Points within (demand/capacity) % bands - funded ex-ante																																
Peak demand / n-1 capacity	>120%		-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00																	
Peak demand / n-1 capacity	110%-120%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Peak demand / n-1 capacity	100%-110%		-	1.00	-	-	1.00	1.00	1.00	-	-	-	-	-	-																	
Peak demand / n-1 capacity	90%-100%		2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00																	
Peak demand / n-1 capacity	80%-90%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Peak demand / n-1 capacity	<80%		11.00	11.00	11.00	11.00	11.00	11.00	11.00	13.00	13.00	13.00	13.00	14.00	14.00																	
Peak demand / n-1 capacity	No Capacity		1.00	1.00	-	-	-	-	-	-	-	-	-	-	-																	
Number of Transmission Connection Points within (demand/capacity) % bands - >300MW demand groups only - funded ex-ante																																
Maintenance period demand / n-2 capacity	>120%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	110%-120%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	100%-110%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	90%-100%		3.00	3.00	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	80%-90%		-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00																	
Maintenance period demand / n-2 capacity	<80%		3.00	2.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00																	
Maintenance period demand / n-2 capacity	No Capacity		-	-	-	-	-	-	-	-	-	-	-	-	-																	
By Cost Type																																
Labour																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pensions																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractors																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Materials																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayleaves (inc Easements/Servitudes)																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rent																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions																		-	-	-	-	-	-	1.72	3.43	3.43	3.43	3.43	3.43	3.43	-	22.3
Related Party Margins																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs																		**-**	**-**	**-**	**-**	**-**	**-**	**1.7**	**3.4**	**3.4**	**3.4**	**3.4**	**3.4**	**3.4**	**-**	22.3
Customer Contributions																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs																		**-**	**-**	**-**	**-**	**-**	**-**	**1.7**	**3.4**	**3.4**	**3.4**	**3.4**	**3.4**	**3.4**	**-**	22.3
Check - Cost Type to Category																							OK	OK	OK	OK	OK	OK	OK	OK		
Number of Transmission Connection Points within (demand/capacity) % bands - funded by pass through																																
Peak demand / n-1 capacity	>120%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Peak demand / n-1 capacity	110%-120%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Peak demand / n-1 capacity	100%-110%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Peak demand / n-1 capacity	90%-100%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Peak demand / n-1 capacity	80%-90%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Peak demand / n-1 capacity	<80%		-	-	-	-	-	-	1.00	-	1.00	1.00	-	-	-																	
Peak demand / n-1 capacity	No Capacity		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Number of Transmission Connection Points within (demand/capacity) % bands - >300MW demand groups only - funded by pass through																																
Maintenance period demand / n-2 capacity	>120%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	110%-120%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	100%-110%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	90%-100%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	80%-90%		-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	<80%		-	-	-	-	-	-	1.00	-	-	-	-	-	-																	
Maintenance period demand / n-2 capacity	No Capacity		-	-	-	-	-	-	-	-	-	-	-	-	-																	

CV109: Smart Meters
SPN
Price base (2012/13)

Smart metering call outs

Activity Volumes

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4			DPCR5						RIIO-ED1					#	#
Total SM installed DNO's region		-	-	-	10,446.5	63,615.7	166,414.5	302,723.0	391,704.6	440,218.5	437,742.8	316,031.6			74,062.2	2,054,835.0
Total DNO call outs for SM installations		-	-	-	219.4	1,335.9	3,494.7	6,357.2	8,225.8	9,244.6	9,192.6	6,636.7			1,555.3	43,151.5
Total DNO related call outs for SM installations		-	-	-	208.9	1,272.3	3,328.3	6,054.5	7,834.1	8,804.4	8,754.9	6,320.6			1,481.2	41,096.7
Total DNO call outs for SM installations - funded ex ante		-	-	-	208.9	1,272.3	3,328.3	6,054.5	7,834.1	8,804.4	8,754.9	6,320.6			1,481.2	41,096.7
Percentage call outs DNO requesting ex ante funding for		-	-	-	2%	2%	2%	2%	2%	2%	2%	2%				
No. of call outs equivalent to 2 % of meters installed		-	-	-	208.9	1,272.3	3,328.3	6,054.5	7,834.1	8,804.4	8,754.9	6,320.6				
Expenditure falling under volume driver																

Total Direct Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4			DPCR5						RIIO-ED1					(£m)	(£m)
Total SM installed DNO's region																
Total DNO call outs for SM installations																
Total DNO related call outs for SM installations		-	-	-	0.1	0.5	1.2	2.0	2.6	2.8	2.8	2.0			0.7	13.5
Total DNO call outs for SM installations - funded ex ante		-	-	-	0.1	0.5	1.2	2.0	2.6	2.8	2.8	2.0			0.7	13.5
Percentage call outs DNO requesting ex ante funding for																
No. of call outs equivalent to 2 % of meters installed																
Expenditure falling under volume driver		-	-	-	0.1	0.5	1.2	2.0	2.6	2.8	2.8	2.0			0.7	13.5

Annual Unit Cost

	DPCR4	DPCR5				RIIO-ED1								
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Total SM installed DNO's region														
Total DNO call outs for SM installations														
Total DNO related call outs for SM installations														
Total DNO call outs for SM installations - funded ex ante														
Percentage call outs DNO requesting ex ante funding for														
No. of call outs equivalent to 2 % of meters installed														
Expenditure falling under volume driver														

Multi-Year Average Unit Cost

	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
	2011-2012	2011-2013	2011-2014	2011-2015	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023
	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Total SM installed DNO's region											
Total DNO call outs for SM installations											
Total DNO related call outs for SM installations											
Total DNO call outs for SM installations - funded ex ante											
Percentage call outs DNO requesting ex ante funding for											
No. of call outs equivalent to 2 % of meters installed											
Expenditure falling under volume driver											

On-site / Physical

Cut out changes (SM)		-	-	-	179.7	1,094.2	2,862.3	5,206.8	6,737.3	7,571.8	7,529.2	5,435.7			1,273.9	35,343.2		-	-	-	0.0	0.3	0.7	1.3	1.7	2.0	1.9	1.4			0.3	9.1	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0			0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Service Inspection (Costs only) (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-		-	-	-	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.1			0.0	0.9																										
Service Alterations (SM)		-	-	-	4.2	25.4	66.6	121.1	156.7	176.1	175.1	126.4			29.6	821.9		-	-	-	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			0.0	0.7	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0			0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Abortive Calls (SM)		-	-	-	20.9	127.2	332.8	605.4	783.4	880.4	875.5	632.1			148.1	4,109.7		-	-	-	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1			0.0	0.3	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Asbestos Meterboards (SM)		-	-	-	2.1	12.7	33.3	60.5	78.3	88.0	87.5	63.2			14.8	411.0		-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.2	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Miscellaneous repairs/Safety repairs (SM)		-	-	-	2.1	12.7	33.3	60.5	78.3	88.0	87.5	63.2			14.8	411.0		-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
(Meter boxes) (SM)																																																							
On-site Total		-	-	-	208.9	1,272.3	3,328.3	6,054.5	7,834.1	8,804.4	8,754.9	6,320.6			1,481.2	41,096.7		-	-	-	0.1	0.3	0.9	1.7	2.2	2.4	2.4	1.7			0.4	11.3	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0			0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK																																											

On-site / Physical By Cost Type

Labour		-	-	-														-	-	-	0.0	0.3	0.7	1.3	1.7	1.9	1.8	1.3			**0.3**	8.7																										
Pensions		-	-	-														-	-	-	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.2			**0.0**	1.3																										
Contractors		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Materials		-	-	-														-	-	-	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1			**0.0**	0.8																										
Wayleaves (inc Easements/Servitudes)		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Road Charges		-	-	-														-	-	-	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			**0.0**	0.5																										
Rent		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Subscriptions		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Related Party Margins		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Total Gross Costs		-	-	-														-	-	-	**0.1**	**0.3**	**0.9**	**1.7**	**2.2**	**2.4**	**2.4**	**1.7**			**0.4**	11.3																										
Customer Contributions		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Cost recoveries		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Total Net Costs		-	-	-														-	-	-	**0.1**	**0.3**	**0.9**	**1.7**	**2.2**	**2.4**	**2.4**	**1.7**			**0.4**	11.3																										

Indirect / IT and data services for SM roll out - Subject to SM volume driver

Extra schedules in call centre		-	-	-	0.0	0.2	0.6	2.2	3.5	4.8	4.8	4.3			0.2	20.2		-	-	-	0.0	0.1	0.3	0.3	0.4	0.4	0.4	0.3			0.2	2.1		0.0	0.0	0.0	1570.3	889.3	455.3	153.5	117.1	81.3	77.7	65.4	0.0	0.0			1570.3	985.4	217.7	161.3	126.7	111.9	102.0	102.0	102.0
Smart Meter registration		-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			2.0	6.0		-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.1	0.2		0.0	0.0	0.0	33.3	33.3	25.0	25.0	25.0	25.0	25.0	25.0	0.0	0.0			33.3	33.3	25.0	25.0	25.0	25.0	25.0	25.0	25.0
																		-	-	-	**0.1**	**0.2**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**																														

Indirect / IT and data services for SM roll out By Cost Type

Labour		-	-	-														-	-	-	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3			**0.2**	1.9																										
Pensions		-	-	-														-	-	-	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0			**0.0**	0.3																										
Contractors		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Materials		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Wayleaves (inc Easements/Servitudes)		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Road Charges		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Rent		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Subscriptions		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Related Party Margins		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Total Gross Costs		-	-	-														-	-	-	**0.1**	**0.2**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**			**0.2**	2.2																										
Customer Contributions		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Cost recoveries		-	-	-														-	-	-	-	-	-	-	-	-	-	-			-	-																										
Total Net Costs		-	-	-														-	-	-	**0.1**	**0.2**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**			**0.2**	2.2																										

Total Activity funded ex ante (net)																		-	-	-	0.1	0.5	1.2	2.0	2.6	2.8	2.8	2.0			0.7	13.5																										
Total Activity subject to SM volume driver (net)																		-	-	-	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0			-0.0	-0.0																										

Ongoing Indirect / IT and data services - Subject to pass through

IT costs (associated with SM roll out)		-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			2.0	6.0		-	-	-	0.7	1.4	1.3	0.5	0.8	1.2	0.6	1.3			2.1	5.6		0.0	0.0	0.0	666.7	1433.3	1300.0	450.0	783.3	1166.7	600.0	1266.7	0.0	0.0			666.7	1050.0	875.0	844.4	925.0	860.0	927.8	927.8	927.8
DCC Licence Fee		-	-	-	2,128.897.2	2,128.897.2	2,128.897.2	2,128.897.2	2,128.897.2	2,128.897.2	2,128.897.2	2,128.897.2			4,257.794.4	#######		-	-	-	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4			0.5	2.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0							0.0
Smart Meter data transaction - fixed		-	-	-											-	-		-	-	-												-		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0							0.0
Total Activity subject to pass through		-	-	-	2,128.898.2	2,128.898.2	2,128.898.2	2,128.898.2	2,128.898.2	2,128.898.2	2,128.898.2	2,128.898.2			4,257.796.4	#######		-	-	-	0.9	1.7	1.7	0.9	1.2	1.6	1.0	1.7			2.6	8.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Ongoing Indirect / IT and data services - Not subject to pass through

Smart Meter data transaction - variable		-	-	-	10,446.5	74,062.2	240,476.7	543,199.7	934,904.4	1,375,122.8	1,812,865.6	2,128,897.2	2,128,897.2	2,128,897.2	84,508.7	#######		-	-	-	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DCC Licence Fee												2,128,897.2	2,128,897.2			4,257,794.4													0.4	0.4		0.9		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0							0.0
Smart Meter data transaction - fixed																																																							
Indirect Total		-	-	-	10,446.5	74,062.2	240,476.7	543,199.7	934,904.4	1,375,122.8	1,812,865.6	2,128,897.2	4,257,794.4	4,257,794.4	84,508.7	#######		-	-	-	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.5	0.5	0.0	1.4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Revenue from SM roll out services directly remunerated

Activity Volumes

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4			DPCR5						RIIO-ED1					#	#
Cut out changes (SM)		-	-	-	-	-	-	-	-	-	-	-			-	
Service Inspection (Costs only) (SM)																
Service Alterations (SM)		-	-	-	2.1	12.7	33.3	60.5	78.3	88.0	87.5	63.2			14.8	411.0
Non-valid referrals (SM)		-	-	-	6.3	38.2	99.8	181.6	235.0	264.1	262.6	189.4			44.4	1,232.9
Asbestos Meterboards (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-
Miscellaneous repairs/Safety repairs (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-
(Meter boxes) (SM)		-	-	-	2.1	12.7	33.3	60.5	78.3	88.0	87.5	63.2			14.8	411.0
On-site Total		-	-	-	10.4	63.6	166.4	302.7	391.7	440.2	437.7	316.0			74.1	2,054.8
Check volumes		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK				

Total Direct Costs

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4			DPCR5						RIIO-ED1					(£m)	(£m)
Cut out changes (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-
Service Inspection (Costs only) (SM)																
Service Alterations (SM)		-	-	-	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1			0.0	0.3
Non-valid referrals (SM)		-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.1
Asbestos Meterboards (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-
Miscellaneous repairs/Safety repairs (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-
(Meter boxes) (SM)		-	-	-	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1			0.0	0.3
On-site Total		-	-	-	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1			0.0	0.7

Revenue

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
	DPCR4			DPCR5						RIIO-ED1					£m	£m
Cut out changes (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-
Service Inspection (Costs only) (SM)																
Service Alterations (SM)		-	-	-	-0.0	-0.0	-0.0	-0.0	-0.1	-0.1	-0.1	-0.1			-0.0	-0.3
Non-valid referrals (SM)		-	-	-	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0			-0.0	-0.1
Asbestos Meterboards (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-
Miscellaneous repairs/Safety repairs (SM)		-	-	-	-	-	-	-	-	-	-	-			-	-
(Meter boxes) (SM)		-	-	-	-0.0	-0.0	-0.0	-0.0	-0.1	-0.1	-0.1	-0.1			-0.0	-0.3
On-site Total		-	-	-	-0.0	-0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1			-0.0	-0.7

CV110: Rising and Lateral Mains
SPN
Price base (2012/13)

Volumes

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
		DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Cable km																	
Houses	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flats	km		-	1	1	11	17	17	17	17	17	17	17	17	17	30	136
Multi-story	km		-	-	5	5	8	8	8	8	8	8	8	8	8	18	64
Total	km		-	1	6	16	25	25	25	25	25	25	25	25	25	48	200
Customer Numbers																	
Houses	#		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flats	#		-	59	47	470	745	745	745	745	745	745	745	745	745	1,321	5,960
Multi-story	#		-	-	252	231	367	367	367	367	367	367	367	367	367	850	2,936
Total	#		-	59	299	701	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	2,171	8,896
Properties																	
Houses	#		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flats	#		-	10	7	163	259	259	259	259	259	259	259	259	259	439	2,072
Multi-story	#		-	-	14	12	19	19	19	19	19	19	19	19	19	45	152
Total	#		-	10	21	175	278	278	278	278	278	278	278	278	278	484	2,224
Costs Allocated Across Properties																	
Houses	£m																
Flats	£m																
Multi-story	£m																
Total	£m																

Total Direct Costs

		DPCR4	DPCR5					RIIO-ED1								Total	
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Cable km																	
Houses	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flats	km		0.27	0.32	1.46	0.93	1.33	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	4.30	###
Multi-story	km		-	-	-	0.41	0.59	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	1.01	4.93
Total	km		0.27	0.32	1.46	1.34	1.92	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	5.31	###
By Cost Type																	
Labour			0.05	0.24	0.67	0.60	0.86	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	2.42	7.13
Pensions			0.01	0.04	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.40	1.24
Contractors			0.16	0.02	0.61	0.56	0.81	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	2.16	6.70
Materials			0.05	0.02	0.08	0.07	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.32	0.86
Wayleaves (inc Easements/Servitudes)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Charges			-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
Rent			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subscriptions			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Party Margins			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross Costs			0.27	0.32	1.46	1.34	1.92	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	5.31	15.95
Customer Contributions			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost recoveries			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Net Costs			0.27	0.32	1.46	1.34	1.92	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	5.31	15.95
Check - Cost Type to Category			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total Gross Costs to C1 Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Check - Total Net Costs to C1 Cost Matrix			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Inspection and Maintenance Costs Associated with the RLM																	
Rising and Lateral Mains (RLM)	Inspections	LV	Mains Inspected	-	3,139	1,555	5,050	5,287	6,268	6,268	6,268	6,268	6,268	6,268	6,268	15030.80	50144.00
Rising and Lateral Mains (RLM)	Repair & Maintenance	LV	Mains Repaired/Maintained	-	-	4	-	-	-	-	-	-	-	-	-	4.00	-
LV Services Associated With RLM	Inspections	LV	Services Inspected	-	35,408	70,694	50,500	52,868	62,680	62,680	62,680	62,680	62,680	62,680	62,680	209470.00	501440.00
LV Services Associated With RLM	Repair & Maintenance	LV	Services Repaired/Maintained	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asset replacement associated with the RLM																	
Cable	Rising and Lateral Mains (RLM)	LV	No. of Mains	-	5	10	72	112	112	112	112	112	112	112	112	199.00	896.00
Cable	LV Services Associated With RLM	LV	Each	-	59	299	701	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	2171.00	8896.00
Check - Gross costs are equal																	

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Cable km																
Houses	km															
Flats	km	0.04	0.03	0.01	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.15	0.33
Multi-story	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	km	-	0.19	0.34	0.33	0.35	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	1.22	3.31
Customer Numbers																
Houses	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flats	#	0.22	0.05	0.77	0.13	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	1.37	1.61
Multi-story	#	-	0.05	0.34	0.84	1.33	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	2.57	###
Total	#															
Properties																
Houses	#															
Flats	#	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Multi-story	#															
Total	#															

V1: Asset Register - Total Asset Movement
SPN
Price base (2012/13)

Total Asset Register

Row	Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
					DPCR4			DPCR5				RIIO-ED1								
6	Overhead Pole Line	LV Main (OHL) Conductor	LV	km	4562.00	4,565.00	4,543.00	4,551.56	4,551.56	4,538.48	4,520.65	4,503.06	4,485.68	4,468.50	4,451.51	4,434.73	4,418.14	4,401.76	**22,749.60**	**35,684.03**
7	Overhead Pole Line	LV Service (OHL)	LV	Each	103745.00	103,704.00	103,682.00	103,649.00	103,649.00	103,649.00	103,649.00	103,649.00	103,649.00	103,649.00	103,649.00	103,649.00	103,649.00	103,649.00	**518,333.00**	**829,192.00**
8	Overhead Pole Line	LV Poles	LV	Each	125600.00	126,051.00	126,819.00	126,344.00	126,451.00	126,265.00	126,094.00	125,928.00	125,766.00	125,608.00	125,454.00	125,304.00	125,159.00	125,018.00	**631,930.00**	**1,004,331.00**
9	Cable	LV Main (UG Consac)	LV	km	12.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	**55.00**	**88.00**
10	Cable	LV Main (UG Plastic)	LV	km	7431.00	7,433.00	7,530.00	7,623.37	7,687.31	7,750.90	7,813.51	7,875.87	7,941.04	8,008.00	8,075.77	8,143.33	8,210.70	8,278.87	**38,024.58**	**64,347.09**
11	Cable	LV Main (UG Paper)	LV	km	18573.00	18,545.00	18,515.00	18,490.31	18,490.31	18,476.51	18,462.44	18,448.36	18,434.29	18,420.21	18,406.14	18,392.06	18,377.99	18,363.91	**92,517.13**	**147,305.40**
12	Cable	Rising & Lateral Mains	LV	No. of Mains	-	-	5.00	15.00	87.00	87.00	87.00	87.00	87.00	87.00	87.00	87.00	87.00	87.00	**194.00**	**696.00**
13	Cable	LV Service (UG)	LV	Each	1645761.00	1,645,720.00	1,645,967.00	1,677,357.00	1,689,649.00	1,701,180.00	1,711,977.00	1,722,493.00	1,732,730.00	1,742,978.00	1,753,257.00	1,763,571.00	1,773,916.00	1,784,296.00	**8,359,873.00**	**13,985,218.00**
14	Cable	LV Service associated with RLM	LV	Each	-	-	59.00	358.00	1,066.00	1,066.00	1,066.00	1,066.00	1,066.00	1,066.00	1,066.00	1,066.00	1,066.00	1,066.00	**2,549.00**	**8,528.00**
15	Switchgear	LV Circuit Breaker	LV	Each	5.00	4.00	-	-	-	-	-	-	-	-	-	-	-	-	**4.00**	**-**
16	Switchgear	LV Pillar (ID)	LV	Each	8351.00	8,542.00	8,623.00	4,370.00	4,419.00	4,490.00	4,558.00	4,625.00	4,691.00	4,755.00	4,820.00	4,885.00	4,951.00	5,017.00	**30,444.00**	**38,302.00**
17	Switchgear	LV Pillar (OD at Substation)	LV	Each	12074.00	13,300.00	13,331.00	11,868.00	11,910.00	11,913.00	11,920.00	11,927.00	11,934.00	11,940.00	11,947.00	11,953.00	11,959.00	11,965.00	**62,322.00**	**95,545.00**
18	Switchgear	LV Board (WM)	LV	Each	375.00	1,060.00	1,057.00	4,562.00	4,559.00	4,560.00	4,561.00	4,562.00	4,565.00	4,567.00	4,572.00	4,577.00	4,583.00	4,549.00	**15,798.00**	**36,536.00**
19	Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each	28463.00	28,595.00	29,057.00	29,108.00	29,188.00	29,246.00	29,251.00	29,257.00	29,263.00	29,265.00	29,269.00	29,274.00	29,278.00	29,282.00	**145,194.00**	**234,139.00**
20	Switchgear	Cut Out (Metered)	LV	Each	2242957.00	2,242,957.00	2,253,661.00	2,262,798.00	2,275,203.00	2,287,402.00	2,299,492.00	2,311,571.00	2,323,638.00	2,335,693.00	2,347,836.00	2,360,068.00	2,372,390.00	2,384,803.00	**11,322,021.00**	**18,735,491.00**
21	Switchgear	LV Board (X-type Network) (WM)	LV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
22	Switchgear	LV Transformers/Regulators	LV	Each	353.00	344.00	344.00	343.00	343.00	343.00	343.00	343.00	343.00	343.00	343.00	343.00	343.00	343.00	**1,717.00**	**2,744.00**
23	Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km	5066.00	5,018.00	4,938.00	4,891.19	4,889.97	4,893.09	4,817.49	4,741.88	4,666.28	4,590.68	4,515.08	4,439.47	4,363.87	4,288.27	**24,630.25**	**36,423.02**
24	Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km	534.00	543.00	649.00	664.44	664.44	674.44	748.16	819.88	891.60	963.32	1,035.04	1,106.76	1,178.48	1,250.20	**3,195.32**	**7,993.43**
25	Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
26	Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
27	Overhead Pole Line	6.6/11kV Poles	HV	Each	68602.00	68,499.00	68,229.00	68,023.00	68,153.00	68,134.00	68,135.00	68,146.00	68,157.00	68,168.00	68,179.00	68,190.00	68,201.00	68,212.00	**341,038.00**	**545,388.00**
28	Overhead Pole Line	20kV Poles	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
29	Cable	6.6/11kV UG Cable	HV	km	11852.00	12,006.00	12,031.00	12,108.76	12,137.30	12,175.11	12,247.92	12,325.74	12,399.55	12,472.36	12,546.18	12,619.99	12,692.80	12,764.62	**60,458.17**	**100,069.17**
30	Cable	20kV UG Cable	HV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
31	Cable	HV Sub Cable	HV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
32	Switchgear	6.6/11kV CB (PM)	HV	Each	808.00	833.00	838.00	839.00	852.00	858.00	860.00	862.00	865.00	867.00	870.00	873.00	876.00	879.00	**4,220.00**	**6,952.00**
33	Switchgear	6.6/11kV CB (GM) Primary	HV	Each	2780.00	2,846.00	2,920.00	2,906.00	3,002.00	3,038.00	3,079.00	3,093.00	3,104.00	3,128.00	3,138.00	3,148.00	3,163.00	3,176.00	**14,712.00**	**25,029.00**
34	Switchgear	6.6/11kV CB (GM) Secondary	HV	Each	2275.00	2,335.00	2,320.00	2,377.00	2,506.00	2,600.00	2,626.00	2,643.00	2,659.00	2,675.00	2,693.00	2,710.00	2,726.00	2,742.00	**12,138.00**	**21,474.00**
35	Switchgear	6.6/11kV Switch (PM)	HV	Each	34.00	33.00	31.00	41.00	67.00	82.00	98.00	116.00	136.00	153.00	171.00	189.00	207.00	225.00	**254.00**	**1,295.00**
36	Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each	5051.00	5,043.00	5,038.00	5,011.00	5,011.00	4,989.00	5,045.00	5,105.00	5,171.00	5,228.00	5,287.00	5,347.00	5,408.00	5,468.00	**25,092.00**	**42,059.00**
37	Switchgear	6.6/11kV Switch (GM)	HV	Each	16450.00	15,284.00	14,500.00	13,967.00	13,514.00	12,446.00	11,674.00	10,901.00	10,122.00	9,339.00	8,562.00	7,785.00	7,007.00	6,229.00	**69,711.00**	**71,619.00**
38	Switchgear	6.6/11kV RMU	HV	Each	10994.00	11,519.00	11,890.00	12,278.00	12,652.00	13,011.00	13,336.30	13,643.60	13,961.90	14,272.20	14,573.50	14,875.80	15,178.10	15,485.40	**61,350.00**	**115,326.80**
39	Switchgear	6.6/11kV X-type RMU	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
40	Switchgear	20kV CB (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
41	Switchgear	20kV CB (GM) Primary	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
42	Switchgear	20kV CB (GM) Secondary	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
43	Switchgear	20kV Switch (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
44	Switchgear	20kV Switchgear - Other (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
45	Switchgear	20kV Switch (GM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
46	Switchgear	20kV RMU	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
47	Transformer	6.6/11kV Transformer (PM)	HV	Each	13322.00	13,234.00	13,163.00	13,100.00	13,073.00	13,083.00	13,093.00	13,102.00	13,111.00	13,121.00	13,131.00	13,140.00	13,149.00	13,159.00	**65,653.00**	**105,006.00**
48	Transformer	6.6/11kV Transformer (GM)	HV	Each	20568.00	20,705.00	20,857.00	21,028.00	21,125.00	21,226.00	21,327.00	21,426.00	21,525.00	21,624.00	21,724.00	21,826.00	21,925.00	22,025.00	**104,941.00**	**173,402.00**
49	Transformer	20kV Transformer (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
50	Transformer	20kV Transformer (GM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
51	Protection	Batteries at GM HV Substations	HV	Each	314.00	369.00	453.00	453.00	454.00	455.00	456.00	459.00	464.00	465.00	470.00	475.00	476.00	478.00	**2,184.00**	**3,743.00**
52	Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km	1221.00	1,127.00	1,135.00	1,134.29	1,134.29	1,146.11	1,145.94	1,145.76	1,145.58	1,145.41	1,145.23	1,145.05	1,142.88	1,142.70	**5,676.69**	**9,158.56**
53	Overhead Pole Line	33kV Pole	EHV	Each	11901.00	11,785.00	11,783.00	11,751.00	11,753.00	11,751.00	11,749.00	11,747.00	11,745.00	11,743.00	11,741.00	11,739.00	11,737.00	11,735.00	**58,823.00**	**93,936.00**
54	Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
55	Overhead Pole Line	66kV Pole	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
56	Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	**415.00**	**664.00**
57	Overhead Tower Line	33kV Tower	EHV	Each	618.00	617.00	617.00	575.00	575.00	575.00	575.00	575.00	575.00	575.00	575.00	575.00	575.00	575.00	**2,959.00**	**4,600.00**
58	Overhead Tower Line	33kV Fittings	EHV		1148.00	1,148.00	1,148.00	643.00	643.00	643.00	643.00	643.00	643.00	643.00	643.00	643.00	643.00	643.00	**4,225.00**	**5,144.00**
59	Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
60	Overhead Tower Line	66kV Tower	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
61	Overhead Tower Line	66kV Fittings	EHV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
62	Cable	33kV UG Cable (Non Pressurised)	EHV	km	843.00	853.00	864.00	890.28	894.35	945.91	953.96	963.52	1,018.47	1,025.53	1,030.69	1,037.24	1,044.50	1,066.56	**4,447.53**	**8,140.48**
63	Cable	33kV UG Cable (Oil)	EHV	km	470.00	470.00	470.00	465.40	465.40	459.40	454.40	450.40	450.40	450.40	450.40	446.90	445.20	436.20	**2,330.20**	**3,584.30**
64	Cable	33kV UG Cable (Gas)	EHV	km	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	-	**35.00**	**49.00**
65	Cable	66kV UG Cable (Non Pressurised)	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
66	Cable	66kV UG Cable (Oil)	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
67	Cable	66kV UG Cable (Gas)	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
68	Cable	EHV Sub Cable	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
69	Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each	769.00	759.00	754.00	549.00	556.00	556.00	556.00	556.00	539.00	539.00	539.00	539.00	539.00	539.00	**3,174.00**	**4,346.00**
70	Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each	24.00	24.00	15.00	17.00	17.00	17.00	17.00	17.00	17.00	18.00	18.00	18.00	18.00	18.00	**90.00**	**141.00**
71	Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each	-	-	9.00	220.00	220.00	229.00	230.00	231.00	262.00	262.00	264.00	264.00	264.00	265.00	**678.00**	**2,042.00**
72	Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
73	Switchgear	33kV Switch (GM)	EHV	Each	4.00	4.00	7.00	7.00	7.00	7.00	9.00	9.00	10.00	12.00	12.00	12.00	12.00	12.00	**32.00**	**88.00**
74	Switchgear	33kV Switchgear - Other	EHV	Each	707.00	707.00	677.00	679.00	681.00	681.00	681.00	685.00	685.00	685.00	687.00	687.00	689.00	691.00	**3,425.00**	**5,490.00**
75	Switchgear	33kV Switch (PM)	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
76	Switchgear	33kV RMU	EHV	Each	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	**15.00**	**24.00**
77	Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
78	Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
79	Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
80	Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
81	Switchgear	66kV Switchgear - Other	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
82	Transformer	33kV Transformer (PM)	EHV	Each	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**5.00**	**8.00**
83	Transformer	33kV Transformer (GM)	EHV	Each	467.00	476.00	473.00	484.00	489.00	495.00	497.00	498.00	501.00	504.00	505.00	507.00	508.00	511.00	**2,417.00**	**4,031.00**
84	Transformer	66kV Transformer	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
85	Protection	Batteries at 33kV Substations	EHV	Each	696.00	673.00	751.00	749.00	807.00	868.00	927.00	984.00	1,038.00	1,095.00	1,134.00	1,134.00	1,134.00	1,135.00	**3,848.00**	**8,581.00**
86	Protection	Batteries at 66kV Substations	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
87	Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	**50.00**	**80.00**
88	Overhead Pole Line	132kV Pole	132kV	Each	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	**535.00**	**856.00**
89	Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km	1151.00	1,151.00	1,151.00	1,151.00	1,151.00	1,151.00	1,151.00	1,151.00	1,152.20	1,152.20	1,152.20	1,130.20	1,130.20	1,130.20	**5,755.00**	**9,149.20**
90	Overhead Tower Line	132kV Tower	132kV	Each	2549.00	2,549.00	2,549.00	2,575.00	2,575.00	2,575.00	2,575.00	2,575.00	2,575.00	2,575.00	2,575.00	2,575.00	2,577.00	2,577.00	**12,823.00**	**20,604.00**
91	Overhead Tower Line	132kV Fittings	132kV	Each	3950.00	3,950.00	3,950.00	4,907.00	4,955.00	4,967.00	4,967.00	4,999.00	4,999.00	5,005.00	5,005.00	5,005.00	5,005.00	5,005.00	**22,729.00**	**39,990.00**
92	Cable	132kV UG Cable (Non Pressurised)	132kV	km	71.00	84.00	101.00	100.66	125.16	141.76	141.76	141.76	156.76	169.76	178.76	179.76	186.06	207.56	**552.59**	**1,362.20**
93	Cable	132kV UG Cable (Oil)	132kV	km	239.00	239.00	239.00	237.10	237.10	234.10	234.10	234.10	226.10	226.10	226.10	226.10	226.10	223.60	**1,186.30**	**1,822.30**
94	Cable	132kV UG Cable (Gas)	132kV	km	68.00	55.00	44.00	34.55	34.55	24.55	24.55	24.55	24.55	24.55	24.55	24.55	23.75	13.75	**192.64**	**184.76**
95	Cable	132kV Sub Cable	132kV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
96	Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each	29.00	29.00	29.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	**115.00**	**152.00**
97	Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each	159.00	162.00	162.00	144.00	144.00	143.96	145.96	147.96	146.96	147.96	148.96	139.96	140.96	141.96	**755.96**	**1,160.68**
98	Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each	2.00	2.00	2.00	52.00	52.00	52.00	52.00	52.00	52.00	61.00	61.00	71.00	71.00	76.00	**160.00**	**496.00**
99	Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each	8.00	8.00	8.00	-	-	3.00	3.00	3.00	5.00	5.00	5.00	5.00	5.00	5.00	**19.00**	**36.00**
100	Switchgear	132kV Switchgear - Other	132kV	Each	1174.00	1,190.00	1,180.00	1,287.00	1,287.00	1,287.00	1,290.00	1,290.00	1,302.00	1,290.00	1,299.00	1,291.00	1,294.00	1,295.00	**6,231.00**	**10,351.00**
101	Transformer	132kV Transformer	132kV	Each	162.00	164.00	164.00	181.00	189.00	189.00	188.00	189.00	191.00	191.00	191.00	191.00	191.00	192.00	**887.00**	**1,524.00**
102	Protection	Batteries at 132kV Substations	132kV	Each	209.00	194.00	207.00	210.00	220.00	235.00	248.00	259.00	279.00	288.00	295.00	293.00	293.00	293.00	**1,066.00**	**2,248.00**
103	Protection	Pilot Wire Overhead	Other	km	-	-	-	3.00	81.32	180.59	225.09	276.09	356.75	377.25	383.00	383.00	383.00	383.00	**264.91**	**2,767.18**
104	Protection	Pilot Wire Underground	Other	km	-	-	-	-	2.72	7.15	8.35	9.35	10.75	24.75	38.35	38.55	38.55	52.55	**9.87**	**221.20**
105	Civils	Cable Tunnels (DNO owned)	Other	Each	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	**30.00**	**48.00**
106	Civils	Cable Bridges (DNO owned)	Other	Each	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	**75.00**	**120.00**
107	Electrical Energy Storage		Other	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**

Other Assets

Row	Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
111	Switchgear	Fuses (PM)	LV	Each	13322.00	13,234.00	13,163.00	13,100.00	13,073.00	13,083.00	13,093.00	13,102.00	13,111.00	13,121.00	13,131.00	13,140.00	13,149.00	13,159.00	**65,653.00**	**105,006.00**
112	Switchgear	Fuses (GM) (TM)	LV	Each	62400.00	68,706.00	69,033.00	62,400.00	62,670.00	62,958.00	63,234.00	63,480.00	63,684.00	63,894.00	64,107.00	64,323.00	64,542.00	64,764.00	**325,767.00**	**512,028.00**
113	Switchgear	Switching Points with Remote Control/Automation Facility	All	Each	3425.00	2,688.00	3,147.00	3,474.00	3,902.00	4,362.00	4,869.00	5,361.00	5,868.00	6,351.00	6,828.00	7,301.00	7,770.00	8,242.00	**17,573.00**	**52,590.00**
114	Substation	Substation - GM Indoor	HV	Each	6295.00	10,104.00	10,134.00	10,279.00	10,369.00	10,462.00	10,555.00	10,648.00	10,741.00	10,834.00	10,927.00	11,020.00	11,113.00	11,206.00	**51,348.00**	**87,044.00**
115	Substation	Substation - GM Outdoor	HV	Each	14238.00	14,142.00	14,135.00	14,123.00	14,125.00	14,118.00	14,111.00	14,104.00	14,097.00	14,090.00	14,083.00	14,076.00	14,069.00	14,062.00	**70,643.00**	**112,692.00**
116	Substation	Substation - GM Third Party	HV	Each	-	-	-	31.00	60.00	87.00	114.00	141.00	168.00	195.00	222.00	249.00	276.00	303.00	**178.00**	**1,668.00**
117	Substation	Substations - GM	33 kV	Each	380.00	367.00	368.00	370.00	371.00	372.00	373.00	374.00	375.00	376.00	377.00	378.00	379.00	380.00	**1,848.00**	**3,012.00**
118	Substation	Substations - GM	66 kV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
119	Substation	Substations - GM	132kV	Each	83.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	**370.00**	**592.00**
120	Cable	UG Cable (Oil & Gas) - Decommissioned	33 kV	km	477.00	477.00	477.00	472.40	472.40	466.40	461.40	457.40	457.40	457.40	457.40	453.90	452.20	436.20	**2,365.20**	**3,633.30**
121	Cable	UG Cable (Oil & Gas) - Decommissioned	66 kV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
122	Cable	UG Cable (Oil & Gas) - Decommissioned	132kV	km	307.00	294.00	283.00	271.64	271.64	258.64	258.64	258.64	250.64	250.64	250.64	250.64	249.84	237.34	**1,378.92**	**2,007.02**

Shared Infrastructure for Telecomms

Row	Asset	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total DPCR5	Total RIIO-ED1
127	Shared Poles	LV	#		-	-	10855.00	-	-	-	-	-	-	-	-	-	-	**10,855.00**	**-**
128	Shared Poles	HV	#		-	-	48.00	-	-	-	-	-	-	-	-	-	-	**48.00**	**-**
129	Shared Poles/Towers	EHV	#		-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
130	Shared Poles/Towers	132kV	#		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
131	Percentage of Poles Shared	LV	%				9%												
132	Percentage of Poles Shared	HV	%				0%												
133	Percentage of Poles/Towers Shared	EHV	%				0%												
134	Percentage of Poles/Towers Shared	132kV	%																

Row	2010 DPCR4	2011	2012	2013 DPCR5	2014	2015	2016
6		138.00	165.00	58.97	5.82	83.49	173.04
7		234.00	468.00	370.00	1,396.00	1,396.00	1,396.00
8		1,290.00	1,121.00	1,269.00	1,507.00	1,367.00	1,498.00
9		-	-	-	-	-	-
10		3.00	99.00	103.94	68.94	95.06	99.82
11		-	-	-	-	-	-
12		-	5.00	10.00	72.00	112.00	112.00
13		344.00	336.00	11,882.00	12,917.00	12,201.00	11,467.00
14		-	59.00	299.00	708.00	1,119.00	1,119.00
15		-	-	-	-	-	-
16		117.00	95.00	68.00	76.00	81.00	105.00
17		96.00	59.00	86.00	45.00	44.00	161.00
18		2.00	9.00	3.00	22.00	27.00	34.00
19		226.00	370.00	442.00	552.00	430.00	564.00
20		2,354.00	18,788.00	18,269.00	20,131.00	19,925.00	17,885.00
21		-	-	-	-	-	-
22		-	1.00	-	-	-	-
23		1.00	1.00	0.10	68.72	84.13	100.13
24		-	50.00	17.76	1.00	10.00	73.72
25		-	-	-	-	-	-
26		-	-	-	125.00	104.00	40.00
27		263.00	637.00	506.00	733.00	813.00	677.00
28		-	-	-	-	-	-
29		89.00	67.00	104.04	55.54	81.41	109.41
30		-	-	-	-	-	-
31		-	-	-	-	-	-
32		13.00	19.00	4.00	14.00	13.00	8.00
33		125.00	73.00	48.00	38.00	73.00	94.00
34		128.00	82.00	61.00	120.00	130.00	66.00
35		-	-	8.00	26.00	17.00	19.00
36		175.00	120.00	44.00	47.00	59.00	112.00
37		93.00	47.00	27.00	57.00	60.00	52.00
38		713.00	426.00	371.00	419.00	434.00	469.00
39		-	-	-	-	-	-
40		-	-	-	-	-	-
41		-	-	-	-	-	-
42		-	-	-	-	-	-
43		-	-	-	-	-	-
44		-	-	-	-	-	-
45		-	-	-	-	-	-
46		-	-	-	-	-	-
47		179.00

Total Asset Additions

	AD	AE	AF	AG	AH	AI	AJ	AK	AL
4	2017	2018	2019	2020	2021	2022	2023	Total	
5			RIIO-ED1					DPCR5	RIIO-ED1
6	171.64	170.24	168.89	167.64	166.38	165.18	163.98	**451.28**	**1,346.99**
7	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	**3,864.00**	**11,168.00**
8	1,488.00	1,478.00	1,468.00	1,460.00	1,452.00	1,445.00	1,437.00	**6,554.00**	**11,726.00**
9	-	-	-	-	-	-	-	**-**	**-**
10	104.57	109.37	114.17	114.97	114.77	114.57	115.37	**369.94**	**887.61**
11	-	-	-	-	-	-	-	**-**	**-**
12	112.00	112.00	112.00	112.00	112.00	112.00	112.00	**199.00**	**896.00**
13	11,186.00	10,907.00	10,893.00	10,879.00	10,914.00	10,945.00	10,980.00	**37,680.00**	**88,171.00**
14	1,119.00	1,119.00	1,119.00	1,119.00	1,119.00	1,119.00	1,119.00	**2,185.00**	**8,952.00**
15	-	-	-	-	-	-	-	**-**	**-**
16	103.00	102.00	100.00	101.00	101.00	102.00	102.00	**437.00**	**816.00**
17	162.00	161.00	161.00	161.00	161.00	161.00	161.00	**330.00**	**1,289.00**
18	34.00	36.00	35.00	38.00	38.00	39.00	39.00	**63.00**	**293.00**
19	565.00	565.00	561.00	563.00	564.00	563.00	563.00	**2,020.00**	**4,508.00**
20	15,942.00	15,067.00	15,055.00	15,143.00	16,150.00	16,847.00	16,938.00	**79,467.00**	**######**
21	-	-	-	-	-	-	-	**-**	**-**
22	-	-	-	-	-	-	-	**1.00**	**-**
23	100.14	100.14	100.14	100.14	100.14	100.14	100.14	**154.95**	**801.12**
24	71.72	71.72	71.72	71.72	71.72	71.72	71.72	**78.76**	**575.76**
25	-	-	-	-	-	-	-	**-**	**-**
26	40.00	40.00	40.00	40.00	40.00	40.00	40.00	**229.00**	**320.00**
27	685.00	683.00	681.00	679.00	678.00	677.00	676.00	**2,952.00**	**5,436.00**
28	-	-	-	-	-	-	-	**-**	**-**
29	124.41	120.41	119.41	120.41	120.41	119.41	118.41	**396.98**	**952.25**
30	-	-	-	-	-	-	-	**-**	**-**
31	-	-	-	-	-	-	-	**-**	**-**
32	7.00	8.00	8.00	8.00	8.00	8.00	8.00	**63.00**	**63.00**
33	74.00	114.00	121.00	55.00	72.00	46.00	59.00	**357.00**	**635.00**
34	57.00	57.00	57.00	57.00	57.00	57.00	57.00	**521.00**	**465.00**
35	21.00	23.00	20.00	21.00	21.00	21.00	21.00	**51.00**	**167.00**
36	112.00	112.00	111.00	111.00	111.00	112.00	112.00	**445.00**	**893.00**
37	52.00	52.00	52.00	52.00	52.00	53.00	53.00	**284.00**	**418.00**
38	473.00	473.00	464.00	461.00	457.00	454.00	455.00	**2,363.00**	**3,706.00**
39	-	-	-	-	-	-	-	**-**	**-**
40	-	-	-	-	-	-	-	**-**	**-**
41	-	-	-	-	-	-	-	**-**	**-**
42	-	-	-	-	-	-	-	**-**	**-**
43	-	-	-	-	-	-	-	**-**	**-**
44	-	-	-	-	-	-	-	**-**	**-**
45	-	-	-	-	-	-	-	**-**	**-**
46	-	-	-	-	-	-	-	**-**	**-**
47	45.00	44.00	44.00	44.00	44.00	44.00	45.00	**605.00**	**356.00**
48	233.00	232.00	231.00	233.00	235.00	234.00	235.00	**1,419.00**	**1,867.00**
49	-	-	-	-	-	-	-	**-**	**-**
50	-	-	-	-	-	-	-	**-**	**-**
51	233.00	233.00	243.00	220.00	235.00	220.00	229.00	**2,046.00**	**1,837.00**
52	72.00	-	13.00	6.00	10.00	29.00	9.00	**22.01**	**139.00**
53	115.00	115.00	115.00	115.00	115.00	117.00	115.00	**353.00**	**922.00**
54	-	-	-	-	-	-	-	**-**	**-**
55	-	-	-	-	-	-	-	**-**	**-**
56	2.00	18.00	1.00	18.00	1.00	1.00	1.00	**1.00**	**43.00**
57	-	-	-	-	-	-	-	**-**	**-**
58	-	-	-	-	-	-	-	**79.00**	**-**
59	-	-	-	-	-	-	-	**-**	**-**
60	-	-	-	-	-	-	-	**-**	**-**
61	-	-	-	-	-	-	-	**-**	**-**
62	11.56	56.96	9.06	7.16	8.56	9.26	23.66	**105.50**	**136.25**
63	-	-	-	-	-	-	-	**-**	**-**
64	-	-	-	-	-	-	-	**-**	**-**
65	-	-	-	-	-	-	-	**-**	**-**
66	-	-	-	-	-	-	-	**-**	**-**
67	-	-	-	-	-	-	-	**-**	**-**
68	-	-	-	-	-	-	-	**-**	**-**
69	-	-	-	-	-	-	-	**34.00**	**-**
70	-	-	1.00	-	-	-	-	**1.00**	**1.00**
71	14.00	44.00	-	2.00	-	-	1.00	**39.00**	**62.00**
72	-	-	-	-	-	-	-	**-**	**-**
73	-	1.00	2.00	-	-	-	-	**-**	**5.00**
74	14.00	10.00	11.00	12.00	10.00	12.00	12.00	**34.00**	**91.00**
75	-	-	-	-	-	-	-	**1.00**	**-**
76	-	-	-	-	-	-	-	**-**	**-**
77	-	-	-	-	-	-	-	**-**	**-**
78	-	-	-	-	-	-	-	**-**	**-**
79	-	-	-	-	-	-	-	**-**	**-**
80	-	-	-	-	-	-	-	**-**	**-**
81	-	-	-	-	-	-	-	**-**	**-**
82	-	-	-	-	-	-	-	**-**	**-**
83	7.00	14.00	10.00	10.00	5.00	9.00	8.00	**49.00**	**77.00**
84	-	-	-	-	-	-	-	**-**	**-**
85	177.00	177.00	164.00	117.00	59.00	89.00	86.00	**368.00**	**1,019.00**
86	-	-	-	-	-	-	-	**-**	**-**
87	-	-	-	-	-	-	-	**-**	**-**
88	-	-	-	-	-	-	-	**-**	**-**
89	14.25	77.45	24.25	34.25	58.25	18.25	27.25	**73.42**	**275.20**
90	2.00	5.00	2.00	2.00	2.00	6.00	2.00	**14.00**	**23.00**
91	37.00	284.00	76.00	229.00	212.00	52.00	88.00	**367.00**	**1,200.00**
92	0.25	15.25	13.25	9.25	1.25	6.55	21.76	**71.31**	**67.80**
93	-	-	-	-	-	-	-	**-**	**-**
94	-	-	-	-	-	-	-	**-**	**-**
95	-	-	-	-	-	-	-	**-**	**-**
96	-	-	-	-	-	-	-	**1.00**	**-**
97	5.00	8.00	1.00	1.00	5.00	1.00	1.00	**9.00**	**24.00**
98	-	-	9.00	-	10.00	-	8.00	**20.00**	**27.00**
99	-	2.00	-	-	-	-	-	**3.00**	**2.00**
100	12.00	27.00	6.00	11.00	14.00	5.00	7.00	**196.00**	**88.00**
101	1.00	2.00	5.00	2.00	1.00	-	2.00	**24.00**	**13.00**
102	56.00	42.00	27.00	25.00	18.00	24.00	26.00	**87.00**	**254.00**
103	51.00	80.66	20.50	5.75	-	-	-	**180.59**	**202.41**
104	2.40	2.80	15.40	15.00	1.63	1.47	15.47	**7.15**	**56.65**
105	-	-	-	-	-	-	-	**-**	**-**
106	-	-	-	-	-	-	-	**-**	**-**
107	-	-	-	-	-	-	-	**-**	**-**
108									
109									
110									
111	45.00	44.00	44.00	44.00	44.00	44.00	45.00	**605.00**	**356.00**
112	897.00	891.00	882.00	885.00	885.00	891.00	891.00	**2,490.00**	**7,122.00**
113	495.00	515.00	492.00	485.00	481.00	478.00	480.00	**1,672.00**	**3,936.00**
114	106.00	106.00	106.00	106.00	106.00	106.00	106.00	**567.00**	**848.00**
115	-	-	-	-	-	-	-	**28.00**	**-**
116	27.00	27.00	27.00	27.00	27.00	27.00	27.00	**82.00**	**216.00**
117	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**6.00**	**8.00**
118	-	-	-	-	-	-	-	**-**	**-**
119	-	-	-	-	-	-	-	**-**	**-**
120	-	-	-	-	-	-	-	**-**	**-**
121	-	-	-	-	-	-	-	**-**	**-**
122	-	-	-	-	-	-	-	**-**	**-**
123									
124									
125									
126									
127									
128									
129									
130									
131									
132									
133									
134									

Total Asset Disposals

	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC
2		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
5		DPCR4			DPCR5					RIIO-ED1						DPCR5	RIIO-ED1
6			135.00	214.00	50.41	5.82	96.57	190.87	189.22	187.62	186.07	184.62	183.17	181.77	180.37	**501.80**	**1,483.71**
7			275.00	490.00	403.00	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	1,396.00	**3,960.00**	**11,168.00**
8			1,410.00	1,288.00	1,460.00	1,509.00	1,553.00	1,669.00	1,654.00	1,640.00	1,626.00	1,614.00	1,602.00	1,590.00	1,578.00	**7,220.00**	**12,973.00**
9			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
10			1.00	2.00	10.57	17.87	31.47	37.20	42.20	44.20	47.20	47.20	47.20	47.20	47.20	**62.91**	**359.64**
11			-	30.00	24.70	13.70	13.80	14.08	14.08	14.08	14.08	14.08	14.08	14.08	14.08	**82.20**	**112.60**
12			-	-	16.00	72.00	112.00	112.00	112.00	112.00	112.00	112.00	112.00	112.00	112.00	**200.00**	**896.00**
13			385.00	89.00	138.00	625.00	670.00	670.00	670.00	670.00	645.00	600.00	600.00	600.00	600.00	**1,907.00**	**5,055.00**
14			-	-	299.00	708.00	1,119.00	1,119.00	1,119.00	1,119.00	1,119.00	1,119.00	1,119.00	1,119.00	1,119.00	**2,126.00**	**8,952.00**
15			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
16			11.00	14.00	2.00	8.00	10.00	37.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	**45.00**	**289.00**
17			57.00	28.00	79.00	31.00	41.00	154.00	155.00	154.00	155.00	154.00	155.00	155.00	155.00	**236.00**	**1,237.00**
18			6.00	12.00	-	23.00	26.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	73.00	**67.00**	**304.00**
19			182.00	336.00	391.00	472.00	372.00	559.00	559.00	559.00	559.00	559.00	559.00	559.00	559.00	**1,753.00**	**4,472.00**
20			2,354.00	8,084.00	9,132.00	7,726.00	7,726.00	5,795.00	3,863.00	3,000.00	3,000.00	3,000.00	3,918.00	4,525.00	4,525.00	**35,022.00**	**31,626.00**
21			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
22			1.00	1.00	1.00	-	-	-	-	-	-	-	-	-	-	**3.00**	**-**
23			1.00	75.00	46.92	69.94	81.01	175.73	175.74	175.74	175.74	175.74	175.74	175.74	175.74	**273.87**	**1,405.94**
24			-	-	2.32	1.00	-	-	-	-	-	-	-	-	-	**3.32**	**-**
25			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
26			-	-	-	125.00	104.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	**229.00**	**320.00**
27			593.00	903.00	789.00	735.00	832.00	676.00	674.00	672.00	670.00	668.00	667.00	666.00	665.00	**3,852.00**	**5,358.00**
28			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
29			22.00	30.00	26.28	26.77	43.59	36.59	46.59	46.59	46.59	46.59	46.59	46.59	46.59	**148.64**	**362.75**
30			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
31			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
32			4.00	16.00	6.00	5.00	7.00	6.00	5.00	5.00	6.00	5.00	5.00	5.00	5.00	**38.00**	**42.00**
33			46.00	52.00	60.00	3.00	37.00	53.00	60.00	103.00	97.00	45.00	62.00	31.00	46.00	**198.00**	**497.00**
34			101.00	51.00	25.00	23.00	36.00	40.00	40.00	41.00	41.00	39.00	40.00	41.00	41.00	**236.00**	**323.00**
35			1.00	2.00	-	6.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	**11.00**	**24.00**
36			175.00	125.00	71.00	47.00	81.00	56.00	52.00	46.00	54.00	52.00	51.00	51.00	52.00	**499.00**	**414.00**
37			1,232.00	720.00	696.00	1,084.00	1,128.00	824.00	825.00	831.00	835.00	829.00	829.00	831.00	831.00	**4,860.00**	**6,635.00**
38			216.00	96.00	62.00	50.00	75.00	143.70	165.70	154.70	153.70	159.70	154.70	151.70	147.70	**499.00**	**1,231.60**
39			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
40			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
41			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
42			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
43			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
44			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
45			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
46			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
47			259.00	262.00	202.00	36.00	37.00	36.00	36.00	35.00	34.00	34.00	35.00	35.00	35.00	**796.00**	**280.00**
48			251.00	159.00	190.00	133.00	137.00	133.00	134.00	133.00	132.00	133.00	133.00	135.00	135.00	**870.00**	**1,068.00**
49			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
50			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
51			67.00	43.00	5.00	1,013.00	777.00	223.00	230.00	228.00	242.00	215.00	230.00	219.00	227.00	**1,905.00**	**1,814.00**
52			-	1.00	0.71	1.01	0.18	0.18	72.18	0.18	13.18	6.18	10.18	31.18	9.18	**2.90**	**142.42**
53			257.00	49.00	43.00	62.00	53.00	117.00	117.00	117.00	117.00	117.00	117.00	119.00	117.00	**464.00**	**938.00**
54			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
55			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
56			-	-	-	-	1.00	1.00	2.00	18.00	1.00	18.00	1.00	1.00	1.00	**1.00**	**43.00**
57			1.00	-	-	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
58			79.00	-	-	-	-	-	-	-	-	-	-	-	-	**79.00**	**-**
59			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
60			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
61			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
62			-	1.00	0.81	0.39	0.79	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.60	**2.99**	**15.60**
63			-	-	4.60	-	6.00	5.00	4.00	-	-	-	3.50	1.70	9.00	**10.60**	**23.20**
64			-	-	-	-	-	-	-	-	-	-	-	-	7.00	**-**	**7.00**
65			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
66			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
67			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
68			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
69			28.00	36.00	9.00	-	-	-	-	17.00	-	-	-	-	-	**73.00**	**17.00**
70			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
71			-	-	-	-	-	-	13.00	13.00	-	-	-	-	-	**-**	**26.00**
72			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
73			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
74			1.00	3.00	4.00	10.00	10.00	10.00	10.00	10.00	11.00	10.00	10.00	10.00	10.00	**28.00**	**81.00**
75			-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
76			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
77			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
78			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
79			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
80			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
81			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
82			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
83			11.00	13.00	2.00	3.00	6.00	12.00	6.00	11.00	7.00	9.00	3.00	8.00	5.00	**35.00**	**61.00**
84			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
85			23.00	-	5.00	78.00	90.00	91.00	120.00	123.00	107.00	78.00	59.00	89.00	85.00	**196.00**	**752.00**
86			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
87			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
88			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
89			40.00	-	26.42	2.00	5.00	21.25	14.25	76.25	24.25	34.25	80.25	18.25	27.25	**73.42**	**296.00**
90			-	1.00	3.00	10.00	1.00	2.00	2.00	5.00	2.00	2.00	2.00	4.00	2.00	**15.00**	**21.00**
91			-	64.00	162.00	-	83.00	222.00	5.00	284.00	70.00	229.00	212.00	52.00	88.00	**309.00**	**1,162.00**
92			-	-	0.55	-	-	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.26	**0.55**	**2.00**
93			-	-	1.90	-	3.00	-	-	8.00	-	-	-	-	2.50	**4.90**	**10.50**
94			13.00	11.00	9.46	9.00	10.00	-	-	-	-	-	-	0.80	10.00	**52.46**	**10.80**
95			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
96			-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
97			2.00	-	5.00	4.00	3.04	-	3.00	9.00	-	-	14.00	-	-	**14.04**	**26.00**
98			-	-	-	-	-	-	-	-	-	-	-	-	3.00	**-**	**3.00**
99			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
100			13.00	5.00	20.00	15.00	19.00	3.00	12.00	15.00	18.00	2.00	22.00	2.00	6.00	**72.00**	**80.00**
101			2.00	4.00	7.00	3.00	3.00	1.00	-	-	5.00	2.00	1.00	-	1.00	**19.00**	**10.00**
102			15.00	6.00	3.00	18.00	19.00	23.00	45.00	22.00	18.00	18.00	20.00	24.00	26.00	**61.00**	**196.00**
103			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
104			-	-	-	-	-	1.28	1.40	1.40	1.40	1.40	1.43	1.47	1.47	**-**	**11.25**
105			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
106			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
107			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
108																	
109																	
110																	
111			259.00	262.00	202.00	36.00	37.00	36.00	36.00	35.00	34.00	34.00	35.00	35.00	35.00	**796.00**	**280.00**
112			222.00	162.00	243.00	159.00	168.00	624.00	651.00	687.00	672.00	672.00	669.00	672.00	669.00	**954.00**	**5,316.00**
113			-	50.00	41.00	5.00	4.00	3.00	3.00	8.00	9.00	8.00	8.00	9.00	8.00	**100.00**	**56.00**
114			-	40.00	16.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	**82.00**	**104.00**
115			-	4.00	16.00	9.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	**36.00**	**56.00**
116			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
117			-	1.00	-	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
118			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
119			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
120			-	-	4.60	-	6.00	5.00	4.00	-	-	-	3.50	1.70	16.00	**10.60**	**30.20**
121			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
122			13.00	11.00	11.36	-	13.00	-	-	8.00	-	-	-	0.80	12.50	**48.36**	**21.30**
123																	
124																	
125																	
126																	
127																	
128																	
129																	
130																	
131																	
132																	
133																	
134																	

Cleansing

	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV
2		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total			
5		DPCR4		DPCR5						RIIO-ED1					DPCR5	RIIO-ED1		
6		-	27.00	-	-	-	-	-	-	-	-	-	-	-	**27.00**	**-**		OH
7		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		OH
8		571.00	935.00	-284.00	109.00	-	-	-	-	-	-	-	-	-	**####**	**-**		OH
9		-1.00	-	-	-	-	-	-	-	-	-	-	-	-	**-1.00**	**-**		UG
10		-	-	-	12.87	-	-	-	-	-	-	-	-	-	**12.87**	**-**		UG
11		-28.00	-	-	13.71	-	-	-	-	-	-	-	-	-	**-14.29**	**-**		UG
12		-	-	16.00	72.00	-	-	-	-	-	-	-	-	-	**88.00**	**-**		
13		-	-	#####	-	-	-	-	-	-	-	-	-	-	**####**	**-**		UG
14		-	-	299.00	708.00	-	-	-	-	-	-	-	-	-	**####**	**-**		
15		-1.00	-4.00	-	-	-	-	-	-	-	-	-	-	-	**-5.00**	**-**		Switchgear
16		85.00	-	#####	-19.00	-	-	-	-	-	-	-	-	-	**####**	**-**		Switchgear
17		1187.00	-	#####	28.00	-	-	-	-	-	-	-	-	-	**####**	**-**		Switchgear
18		689.00	-	3502.00	-2.00	-	-	-	-	-	-	-	-	-	**####**	**-**		Switchgear
19		88.00	428.00	-	-	-	-	-	-	-	-	-	-	-	**516.00**	**-**		Switchgear
20		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		Cut outs
21		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		Switchgear
22		-8.00	-	-	-	-	-	-	-	-	-	-	-	-	**-8.00**	**-**		Switchgear
23		-48.00	-6.00	-	-	-	-	-	-	-	-	-	-	-	**-54.00**	**-**		OH
24		9.00	56.00	-	-	-	-	-	-	-	-	-	-	-	**65.00**	**-**		OH
25		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		OH
26		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		OH
27		227.00	-4.00	77.00	132.00	-	-	-	-	-	-	-	-	-	**432.00**	**-**		OH
28		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		OH
29		87.00	-12.00	-	-0.23	-	-	-	-	-	-	-	-	-	**74.77**	**-**		UG
30		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		UG
31		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		UG
32		16.00	2.00	3.00	4.00	-	-	-	-	-	-	-	-	-	**25.00**	**-**		Switchgear
33		-13.00	53.00	-2.00	61.00	-	-	-	-	-	-	-	-	-	**99.00**	**-**		Switchgear
34		33.00	-46.00	21.00	32.00	-	-	-	-	-	-	-	-	-	**40.00**	**-**		Switchgear
35		-	-	2.00	6.00	-	-	-	-	-	-	-	-	-	**8.00**	**-**		Switchgear
36		-8.00	-	-	-	-	-	-	-	-	-	-	-	-	**-8.00**	**-**		Switchgear
37		-27.00	-111.00	136.00	574.00	-	-	-	-	-	-	-	-	-	**572.00**	**-**		Switchgear
38		28.00	41.00	79.00	5.00	-	-	-	-	-	-	-	-	-	**153.00**	**-**		Switchgear
39		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		Switchgear
40		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		Switchgear
41		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		Switchgear
42		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		Switchgear
43		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		Switchgear
44		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**		Switchgear
45		-	-	-	-	-	-	-	-	-	-

V2: Asset register - Connection projects
SPN
Price base (2012/13)

Includes: Assets installed for Connection projects

Asset Additions

Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
				DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor	LV	km		-	1.00	1.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**4.82**	**8.00**
Overhead Pole Line	LV Service (OHL)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	LV Poles	LV	Each		3.00	2.00	9.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	**23.00**	**34.00**
Cable	LV Main (UG Consac)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Main (UG Plastic)	LV	km		-	70.00	73.15	47.00	46.00	45.00	45.00	45.00	45.00	46.00	46.00	46.00	47.00	**236.15**	**365.00**
Cable	LV Main (UG Paper)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	Rising & Lateral Mains	LV	No. of Mains		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Service (UG)	LV	Each		-	-	11,744.00	12,292.00	11,529.00	10,797.00	10,516.00	10,237.00	10,248.00	10,279.00	10,314.00	10,345.00	10,380.00	**35,565.00**	**83116.00**
Cable	LV Service associated with RLM	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Circuit Breaker	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Pillar (ID)	LV	Each		84.00	72.00	52.00	68.00	67.00	65.00	64.00	63.00	61.00	62.00	62.00	63.00	63.00	**343.00**	**503.00**
Switchgear	LV Pillar (OD at Substation)	LV	Each		14.00	19.00	20.00	17.00	17.00	17.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	**87.00**	**129.00**
Switchgear	LV Board (WM)	LV	Each		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	2.00	2.00	**9.00**	**13.00**
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each		3.00	26.00	11.00	13.00	13.00	13.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	**66.00**	**97.00**
Switchgear	Cut Out (Metered)	LV	Each		-	13,689.00	11,744.00	12,405.00	12,199.00	12,090.00	12,079.00	12,067.00	12,055.00	12,143.00	12,232.00	12,322.00	12,413.00	**50,037.00**	**97401.00**
Switchgear	LV Board (X-type Network) (WM)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Transformers/Regulators	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV Poles	HV	Each		-	1.00	3.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**6.00**	**8.00**
Overhead Pole Line	20kV Poles	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	6.6/11kV UG Cable	HV	km		40.00	28.00	38.47	35.00	34.00	34.00	33.00	32.00	31.00	32.00	32.00	32.00	32.00	**175.47**	**258.00**
Cable	20kV UG Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	HV Sub Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV CB (GM) Primary	HV	Each		17.00	3.00	2.00	7.00	7.00	7.00	7.00	7.00	6.00	7.00	7.00	7.00	7.00	**36.00**	**55.00**
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each		13.00	16.00	10.00	13.00	13.00	12.00	12.00	12.00	11.00	12.00	12.00	12.00	12.00	**65.00**	**95.00**
Switchgear	6.6/11kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	2.00	2.00	**9.00**	**13.00**
Switchgear	6.6/11kV Switch (GM)	HV	Each		8.00	6.00	1.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	**25.00**	**37.00**
Switchgear	6.6/11kV RMU	HV	Each		126.00	131.00	79.00	110.00	108.00	106.00	103.00	101.00	99.00	100.00	100.00	101.00	102.00	**554.00**	**812.00**
Switchgear	6.6/11kV X-type RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Primary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Secondary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switchgear - Other (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	6.6/11kV Transformer (PM)	HV	Each		25.00	49.00	57.00	43.00	42.00	41.00	40.00	39.00	39.00	39.00	39.00	39.00	40.00	**216.00**	**316.00**
Transformer	6.6/11kV Transformer (GM)	HV	Each		154.00	132.00	91.00	124.00	121.00	119.00	116.00	113.00	111.00	112.00	113.00	113.00	114.00	**622.00**	**911.00**
Transformer	20kV Transformer (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	20kV Transformer (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at GM HV Substations	HV	Each		7.00	-	-	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	**11.00**	**16.00**
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	33kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Non Pressurised)	EHV	km		1.00	-	-	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Cable	33kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Non Pressurised)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	EHV Sub Cable	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	5.00	-	-	-	-	-	-	-	-	-	-	**5.00**	**-**
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switch (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switchgear - Other	EHV	Each		-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Switchgear	33kV Switch (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV RMU	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV Switchgear - Other	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (GM)	EHV	Each		3.00	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**5.00**	**8.00**
Transformer	66kV Transformer	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at 33kV Substations	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at 66kV Substations	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV Pole	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV Tower	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV Fittings	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Non Pressurised)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Oil)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Gas)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV Sub Cable	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each		-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each		2.00	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**4.00**	**8.00**
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV Switchgear - Other	132kV	Each		7.00	-	4.00	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	**14.00**	**24.00**
Transformer	132kV Transformer	132kV	Each		-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Protection	Batteries at 132kV Substations	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Pilot Wire Overhead	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Pilot Wire Underground	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Civils	Cable Tunnels (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Civils	Cable Bridges (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Electrical Energy Storage		Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**

Asset Disposals

Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
				DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor	LV	km		-	2.00	2.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**6.36**	8.0
Overhead Pole Line	LV Service (OHL)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	LV Poles	LV	Each		-	3.00	23.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	**42.00**	64.0
Cable	LV Main (UG Consac)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	LV Main (UG Plastic)	LV	km		-	1.00	4.05	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	**9.05**	16.0
Cable	LV Main (UG Paper)	LV	km		-	9.00	16.09	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	**41.09**	64.0
Cable	Rising & Lateral Mains	LV	No. of Mains		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	LV Service (UG)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	LV Service associated with RLM	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Circuit Breaker	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Pillar (ID)	LV	Each		1.00	6.00	-	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	**11.00**	16.0
Switchgear	LV Pillar (OD at Substation)	LV	Each		2.00	2.00	16.00	7.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	**33.00**	48.0
Switchgear	LV Board (WM)	LV	Each		-	3.00	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**5.00**	8.0
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each		1.00	-	-	-	-	-	-	-	-	-	-	-	-	**1.00**	-
Switchgear	Cut Out (Metered)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Board (X-type Network) (WM)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Transformers/Regulators	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km		-	2.00	1.22	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**5.22**	8.0
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km		-	-	0.12	-	-	-	-	-	-	-	-	-	-	**0.12**	-
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	6.6/11kV Poles	HV	Each		-	2.00	11.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	**21.00**	32.0
Overhead Pole Line	20kV Poles	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	6.6/11kV UG Cable	HV	km		-	5.00	5.56	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	**16.56**	24.0
Cable	20kV UG Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	HV Sub Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV CB (GM) Primary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each		1.00	-	4.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	2.00	2.00	**9.00**	13.0
Switchgear	6.6/11kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each		1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**6.00**	8.0
Switchgear	6.6/11kV Switch (GM)	HV	Each		6.00	10.00	14.00	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	**50.00**	72.0
Switchgear	6.6/11kV RMU	HV	Each		5.00	11.00	7.00	8.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	**38.00**	56.0
Switchgear	6.6/11kV X-type RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (GM) Primary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (GM) Secondary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switchgear - Other (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switch (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	6.6/11kV Transformer (PM)	HV	Each		16.00	39.00	51.00	35.00	34.00	33.00	33.00	32.00	31.00	31.00	32.00	32.00	32.00	**175.00**	256.0
Transformer	6.6/11kV Transformer (GM)	HV	Each		13.00	30.00	31.00	24.00	24.00	23.00	23.00	22.00	22.00	22.00	22.00	22.00	22.00	**122.00**	178.0
Transformer	20kV Transformer (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	20kV Transformer (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Batteries at GM HV Substations	HV	Each		-	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**5.00**	8.0
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km		-	1.00	-	-	-	-	-	-	-	-	-	-	-	**1.00**	
Overhead Pole Line	33kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	66kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	33kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	33kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	33kV UG Cable (Non Pressurised)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	33kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	33kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Non Pressurised)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	EHV Sub Cable	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV Switch (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV Switchgear - Other	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV Switch (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV RMU	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV Switchgear - Other	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	33kV Transformer (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	33kV Transformer (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	66kV Transformer	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Batteries at 33kV Substations	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Batteries at 66kV Substations	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	132kV Pole	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	132kV Tower	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	132kV Fittings	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	132kV UG Cable (Non Pressurised)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	132kV UG Cable (Oil)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	132kV UG Cable (Gas)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	132kV Sub Cable	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV Switchgear - Other	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	132kV Transformer	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Batteries at 132kV Substations	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Pilot Wire Overhead	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Pilot Wire Underground	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Civils	Cable Tunnels (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Civils	Cable Bridges (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Electrical Energy Storage		Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-

V3: Asset Register - General and Fault Level Reinforcement
SPN
Price base (2012/13)

Includes: General Reinforcement and Fault Level

Asset Additions

Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
				DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor	LV	km		3.00	-	0.95	0.82	20.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	**24.77**	**200.00**
Overhead Pole Line	LV Service (OHL)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	LV Poles	LV	Each		-	-	1.00	2.00	20.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	**23.00**	**400.00**
Cable	LV Main (UG Consac)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Main (UG Plastic)	LV	km		-	3.00	0.46	2.00	20.00	25.00	30.00	35.00	40.00	40.00	40.00	40.00	40.00	**25.46**	**290.00**
Cable	LV Main (UG Paper)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	Rising & Lateral Mains	LV	No. of Mains		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Service (UG)	LV	Each		-	-	-	-	2.00	-	-	-	-	-	-	-	-	**2.00**	**-**
Cable	LV Service associated with RLM	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Circuit Breaker	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Pillar (ID)	LV	Each		7.00	1.00	-	-	-	-	-	-	-	-	-	-	-	**8.00**	**-**
Switchgear	LV Pillar (OD at Substation)	LV	Each		21.00	5.00	-	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	**29.00**	**16.00**
Switchgear	LV Board (WM)	LV	Each		-	2.00	-	-	5.00	5.00	5.00	7.00	7.00	10.00	10.00	10.00	10.00	**7.00**	**64.00**
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each		-	1.00	-	5.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	**18.00**	**96.00**
Switchgear	Cut Out (Metered)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Board (X-type Network) (WM)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Transformers/Regulators	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km		-	-	-	-	15.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	**15.00**	**240.00**
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km		-	1.00	-	-	10.00	5.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	**11.00**	**26.00**
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV Poles	HV	Each		-	1.00	1.00	1.00	50.00	70.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	**53.00**	**630.00**
Overhead Pole Line	20kV Poles	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	6.6/11kV UG Cable	HV	km		24.00	5.00	14.60	5.31	25.00	30.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	**73.90**	**310.00**
Cable	20kV UG Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	HV Sub Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV CB (GM) Primary	HV	Each		57.00	4.00	-	24.00	31.00	52.00	4.00	56.00	63.00	-	-	5.00	13.00	**116.00**	**193.00**
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each		5.00	-	-	-	4.00	10.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**9.00**	**17.00**
Switchgear	6.6/11kV Switch (PM)	HV	Each		-	-	-	-	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	**8.00**	**64.00**
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV Switch (GM)	HV	Each		1.00	1.00	-	-	-	-	-	-	-	-	-	-	-	**2.00**	**-**
Switchgear	6.6/11kV RMU	HV	Each		18.00	3.00	-	1.00	10.00	26.00	9.00	23.00	16.00	8.00	8.00	8.00	12.00	**32.00**	**110.00**
Switchgear	6.6/11kV X-type RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Primary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Secondary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switchgear - Other (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	6.6/11kV Transformer (PM)	HV	Each		76.00	12.00	8.00	2.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	**103.00**	**40.00**
Transformer	6.6/11kV Transformer (GM)	HV	Each		59.00	12.00	14.00	5.00	12.00	11.00	13.00	15.00	16.00	17.00	18.00	17.00	17.00	**102.00**	**124.00**
Transformer	20kV Transformer (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	20kV Transformer (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at GM HV Substations	HV	Each		8.00	5.00	-	-	-	2.00	-	2.00	-	-	-	-	1.00	**13.00**	**5.00**
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	33kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km		-	-	-	-	-	-	1.00	17.00	-	17.00	-	-	-	**-**	**35.00**
Overhead Tower Line	33kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Non Pressurised)	EHV	km		9.00	1.00	-	-	42.50	-	2.50	51.40	4.00	2.10	-	-	3.00	**52.50**	**63.00**
Cable	33kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Non Pressurised)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	EHV Sub Cable	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		3.00	-	-	-	-	-	-	-	-	-	-	-	-	**3.00**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	1.00	-	-	-	-	**-**	**1.00**
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	9.00	1.00	14.00	27.00	-	2.00	-	-	1.00	**9.00**	**45.00**
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switch (GM)	EHV	Each		-	-	-	-	-	2.00	-	1.00	2.00	-	-	-	-	**-**	**5.00**
Switchgear	33kV Switchgear - Other	EHV	Each		-	1.00	-	-	-	-	4.00	-	-	2.00	-	-	2.00	**1.00**	**8.00**
Switchgear	33kV Switch (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV RMU	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV Switchgear - Other	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (GM)	EHV	Each		4.00	2.00	-	5.00	7.00	11.00	4.00	7.00	2.00	4.00	2.00	-	2.00	**18.00**	**32.00**
Transformer	66kV Transformer	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at 33kV Substations	EHV	Each		-	-	-	10.00	3.00	6.00	-	14.00	6.00	-	-	-	1.00	**13.00**	**27.00**
Protection	Batteries at 66kV Substations	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV Pole	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km		-	-	18.20	-	-	-	6.00	1.20	-	-	-	-	-	**18.20**	**7.20**
Overhead Tower Line	132kV Tower	132kV	Each		-	-	-	-	-	-	-	3.00	-	-	-	-	-	**-**	**3.00**
Overhead Tower Line	132kV Fittings	132kV	Each		-	-	128.00	-	12.00	-	12.00	-	-	-	-	-	-	**140.00**	**12.00**
Cable	132kV UG Cable (Non Pressurised)	132kV	km		-	-	-	5.50	3.60	-	-	5.00	12.00	9.00	-	-	9.00	**9.10**	**35.00**
Cable	132kV UG Cable (Oil)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Gas)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV Sub Cable	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	2.00	1.00	1.00	6.00	-	-	-	-	-	**2.00**	**8.00**
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	8.00	**-**	**8.00**
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	3.00	-	-	2.00	-	-	-	-	-	**3.00**	**2.00**
Switchgear	132kV Switchgear - Other	132kV	Each		-	-	-	-	13.00	1.00	1.00	22.00	-	-	-	-	1.00	**13.00**	**25.00**
Transformer	132kV Transformer	132kV	Each		1.00	-	1.00	2.00	2.00	-	1.00	2.00	-	-	-	-	1.00	**6.00**	**4.00**
Protection	Batteries at 132kV Substations	132kV	Each		-	-	-	-	2.00	-	3.00	8.00	-	-	-	-	-	**2.00**	**11.00**
Protection	Pilot Wire Overhead	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Pilot Wire Underground	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Civils	Cable Tunnels (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Civils	Cable Bridges (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Electrical Energy Storage		Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**

Asset Disposals

Asset	Name	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
		DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor		-	1.00	0.39	0.82	25.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	**27.21**	280.0
Overhead Pole Line	LV Service (OHL)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	LV Poles		-	-	-	1.00	40.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	**41.00**	480.0
Cable	LV Main (UG Consac)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	LV Main (UG Plastic)		-	-	0.03	1.63	15.00	20.00	25.00	27.00	30.00	30.00	30.00	30.00	30.00	**16.67**	222.0
Cable	LV Main (UG Paper)		-	-	0.01	-	-	-	-	-	-	-	-	-	-	**0.01**	-
Cable	Rising & Lateral Mains		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	LV Service (UG)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	LV Service associated with RLM		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Circuit Breaker		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Pillar (ID)		1.00	1.00	-	-	-	-	-	-	-	-	-	-	-	**2.00**	-
Switchgear	LV Pillar (OD at Substation)		7.00	1.00	-	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	**11.00**	16.0
Switchgear	LV Board (WM)		1.00	1.00	-	2.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	45.00	**9.00**	80.0
Switchgear	LV UGB & LV Pillars (OD not at Substation)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	Cut Out (Metered)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Board (X-type Network) (WM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Transformers/Regulators		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)		-	2.00	0.22	0.22	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	**12.43**	80.0
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	20kV OHL (Conventional Conductor)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	20kV OHL (BLX or similar Conductor)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	6.6/11kV Poles		-	-	-	-	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	**50.00**	400.0
Overhead Pole Line	20kV Poles		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	6.6/11kV UG Cable		-	1.00	1.03	4.08	20.00	20.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	**26.11**	230.0
Cable	20kV UG Cable		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	HV Sub Cable		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV CB (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV CB (GM) Primary		24.00	12.00	-	-	15.00	21.00	-	55.00	56.00	-	-	-	10.00	**51.00**	142.0
Switchgear	6.6/11kV CB (GM) Secondary		3.00	1.00	-	-	-	-	-	-	-	-	-	-	-	**4.00**	-
Switchgear	6.6/11kV Switch (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV Switchgear - Other (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV Switch (GM)		10.00	1.00	-	-	-	-	-	-	-	-	-	-	-	**11.00**	-
Switchgear	6.6/11kV RMU		9.00	2.00	-	-	-	-	-	-	-	-	-	-	-	**11.00**	-
Switchgear	6.6/11kV X-type RMU		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (GM) Primary		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (GM) Secondary		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switch (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switchgear - Other (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switch (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV RMU		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	6.6/11kV Transformer (PM)		76.00	15.00	6.00	1.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	**101.00**	24.0
Transformer	6.6/11kV Transformer (GM)		56.00	8.00	-	3.00	8.00	6.00	7.00	7.00	6.00	7.00	7.00	9.00	9.00	**75.00**	58.0
Transformer	20kV Transformer (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	20kV Transformer (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Batteries at GM HV Substations		-	1.00	-	-	-	2.00	-	2.00	-	-	-	-	-	**1.00**	4.0
Overhead Pole Line	33kV OHL (Pole Line) Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	33kV Pole		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	66kV OHL (Pole Line) Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	66kV Pole		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	33kV OHL (Tower line) Conductor		-	-	-	-	-	-	1.00	17.00	-	17.00	-	-	-	**-**	35.0
Overhead Tower Line	33kV Tower		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	33kV Fittings		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV OHL (Tower Line) Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV Tower		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV Fittings		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	33kV UG Cable (Non Pressurised)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	33kV UG Cable (Oil)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	33kV UG Cable (Gas)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Non Pressurised)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Oil)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Gas)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	EHV Sub Cable		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)		-	-	-	-	-	-	13.00	13.00	-	-	-	-	-	**-**	26.0
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV Switch (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV Switchgear - Other		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV Switch (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV RMU		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV Switchgear - Other		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	33kV Transformer (PM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	33kV Transformer (GM)		1.00	2.00	-	-	4.00	10.00	4.00	5.00	-	4.00	1.00	-	-	**7.00**	24.0
Transformer	66kV Transformer		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Batteries at 33kV Substations		-	-	-	-	1.00	2.00	-	14.00	4.00	-	-	-	-	**1.00**	20.0
Protection	Batteries at 66kV Substations		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	132kV OHL (Pole Line) Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	132kV Pole		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	132kV OHL (Tower Line) Conductor		-	-	18.20	-	-	-	6.00	-	-	-	-	-	-	**18.20**	6.0
Overhead Tower Line	132kV Tower		-	-	-	-	-	-	-	3.00	-	-	-	-	-	**-**	3.0
Overhead Tower Line	132kV Fittings		-	-	128.00	-	-	-	-	-	-	-	-	-	-	**128.00**	-
Cable	132kV UG Cable (Non Pressurised)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	132kV UG Cable (Oil)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	132kV UG Cable (Gas)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	132kV Sub Cable		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	3.00	**-**	3.0
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV Switchgear - Other		-	-	-	-	19.00	1.00	1.00	13.00	-	-	-	-	4.00	**19.00**	19.0
Transformer	132kV Transformer		-	1.00	1.00	-	2.00	-	-	-	-	-	-	-	-	**4.00**	-
Protection	Batteries at 132kV Substations		-	-	-	-	-	-	4.00	-	-	-	-	-	-	**-**	4.0
Protection	Pilot Wire Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Pilot Wire Underground		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Civils	Cable Tunnels (DNO owned)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Civils	Cable Bridges (DNO owned)		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Electrical Energy Storage			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-

V4a: Asset register - Other Movements
SPN
Price base (2012/13)

Includes: Diversions, ESQCR, Asset Replacement (Consequential), Undergrounding in Designated Areas, High Value Projects, LCN & Other

Asset Additions

Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
				DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor	LV	km		135.00	164.00	52.88	-	48.49	47.04	45.64	44.24	42.89	41.64	40.38	39.18	37.98	**400.37**	**338.99**
Overhead Pole Line	LV Service (OHL)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	LV Poles	LV	Each		90.00	38.00	43.00	-	343.00	333.00	323.00	313.00	303.00	295.00	287.00	279.00	271.00	**514.00**	**2404.00**
Cable	LV Main (UG Consac)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Main (UG Plastic)	LV	km		-	17.00	17.07	10.28	19.07	18.82	18.57	18.37	18.17	17.97	17.77	17.57	17.37	**63.41**	**144.61**
Cable	LV Main (UG Paper)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	Rising & Lateral Mains	LV	No. of Mains		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Service (UG)	LV	Each		-	12.00	-	-	-	-	-	-	-	-	-	-	-	**12.00**	**-**
Cable	LV Service associated with RLM	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Circuit Breaker	LV	Each															**-**	**-**
Switchgear	LV Pillar (ID)	LV	Each		16.00	11.00	10.00	4.00	10.00	9.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	**51.00**	**65.00**
Switchgear	LV Pillar (OD at Substation)	LV	Each		13.00	2.00	10.00	11.00	9.00	8.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00	**45.00**	**72.00**
Switchgear	LV Board (WM)	LV	Each		-	2.00	1.00	-	-	-	-	-	-	-	-	-	-	**3.00**	**-**
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each		2.00	44.00	55.00	72.00	43.00	54.00	56.00	56.00	52.00	54.00	55.00	54.00	54.00	**216.00**	**435.00**
Switchgear	Cut Out (Metered)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Board (X-type Network) (WM)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Transformers/Regulators	LV	Each		-		-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km		-	1.00	0.10	-	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	**1.51**	**3.29**
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km		-	2.00	3.11	-	-	-	-	-	-	-	-	-	-	**5.11**	**-**
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV Poles	HV	Each		32.00	126.00	20.00	-	62.00	61.00	59.00	57.00	55.00	53.00	52.00	51.00	50.00	**240.00**	**438.00**
Overhead Pole Line	20kV Poles	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	6.6/11kV UG Cable	HV	km		13.00	28.00	27.75	7.23	13.41	7.41	13.41	10.41	10.41	10.41	10.41	9.41	8.41	**89.39**	**80.25**
Cable	20kV UG Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	HV Sub Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV CB (PM)	HV	Each		11.00	7.00	1.00	9.00	9.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	**37.00**	**39.00**
Switchgear	6.6/11kV CB (GM) Primary	HV	Each		27.00	28.00	3.00	4.00	27.00	13.00	9.00	10.00	12.00	11.00	10.00	11.00	11.00	**89.00**	**87.00**
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each		27.00	9.00	7.00	7.00	13.00	9.00	9.00	9.00	10.00	9.00	9.00	9.00	9.00	**63.00**	**73.00**
Switchgear	6.6/11kV Switch (PM)	HV	Each		-	-	8.00	26.00	9.00	11.00	13.00	15.00	12.00	13.00	13.00	13.00	13.00	**43.00**	**103.00**
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each		71.00	66.00	31.00	-	23.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	**191.00**	**760.00**
Switchgear	6.6/11kV Switch (GM)	HV	Each		18.00	1.00	-	2.00	5.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	**26.00**	**21.00**
Switchgear	6.6/11kV RMU	HV	Each		133.00	46.00	63.00	-	8.00	4.00	28.00	16.00	12.00	20.00	16.00	12.00	8.00	**250.00**	**116.00**
Switchgear	6.6/11kV X-type RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Primary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Secondary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switchgear - Other (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	6.6/11kV Transformer (PM)	HV	Each		57.00	132.00	37.00	-	-	-	-	-	-	-	-	-	-	**226.00**	**-**
Transformer	6.6/11kV Transformer (GM)	HV	Each		54.00	67.00	80.00	-	-	-	-	-	-	-	-	-	-	**201.00**	**-**
Transformer	20kV Transformer (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	20kV Transformer (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at GM HV Substations	HV	Each		14.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	**24.00**	**-**
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km		-	5.00	-	-	12.00	-	-	-	-	-	-	-	-	**17.00**	**-**
Overhead Pole Line	33kV Pole	EHV	Each		9.00	3.00	-	4.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	8.00	6.00	**22.00**	**50.00**
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Non Pressurised)	EHV	km		-	11.00	27.09	3.68	3.06	3.06	3.06	3.56	3.06	3.06	3.06	5.56	3.06	**44.83**	**27.45**
Cable	33kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Non Pressurised)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	EHV Sub Cable	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		6.00	-	-	-	-	-	-	-	-	-	-	-	-	**6.00**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	5.00	-	-	-	-	-	-	-	-	-	-	**5.00**	**-**
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switch (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switchgear - Other	EHV	Each		-	4.00	-	2.00	-	-	-	-	-	-	-	2.00	-	**6.00**	**2.00**
Switchgear	33kV Switch (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV RMU	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV Switchgear - Other	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (GM)	EHV	Each		1.00	2.00	2.00	-	2.00	-	-	-	-	-	-	-	-	**7.00**	**-**
Transformer	66kV Transformer	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at 33kV Substations	EHV	Each		-	-	2.00	91.00	110.00	107.00	107.00	107.00	104.00	72.00	-	-	-	**203.00**	**497.00**
Protection	Batteries at 66kV Substations	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV Pole	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV Tower	132kV	Each		-	1.00	-	-	-	-	-	-	-	-	-	4.00	-	**1.00**	**4.00**
Overhead Tower Line	132kV Fittings	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Non Pressurised)	132kV	km		-	6.00	0.21	-	-	-	-	2.00	1.00	-	1.00	5.50	10.00	**6.21**	**19.50**
Cable	132kV UG Cable (Oil)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Gas)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV Sub Cable	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	-	-	-	1.00	-	-	-	-	-	**-**	**1.00**
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each		-	-	18.00	-	-	-	-	-	-	-	-	-	-	**18.00**	**-**
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV Switchgear - Other	132kV	Each		1.00	5.00	99.00	-	-	-	-	-	-	-	-	-	-	**105.00**	**-**
Transformer	132kV Transformer	132kV	Each		1.00	-	3.00	-	-	-	-	-	-	-	-	-	-	**4.00**	**-**
Protection	Batteries at 132kV Substations	132kV	Each		-	-	2.00	21.00	26.00	26.00	25.00	25.00	24.00	15.00	-	-	-	**49.00**	**115.00**
Protection	Pilot Wire Overhead	Other	km		-	-	-	78.32	99.27	44.50	51.00	80.66	20.50	5.75	-	-	-	**177.59**	**202.41**
Protection	Pilot Wire Underground	Other	km		-	-	-	2.00	3.40	1.20	1.00	1.40	14.00	13.60	0.20	-	14.00	**5.40**	**45.40**
Civils	Cable Tunnels (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Civils	Cable Bridges (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Electrical Energy Storage		Other	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**

Asset Disposals

Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
				DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor	LV	km		135.00	211.00	44.66	-	56.57	54.87	53.22	51.62	50.07	48.62	47.17	45.77	44.37	**447.23**	395.7
Overhead Pole Line	LV Service (OHL)	LV	Each		-	22.00	33.00	-	-	-	-	-	-	-	-	-	-	**55.00**	-
Overhead Pole Line	LV Poles	LV	Each		222.00	236.00	191.00	-	505.00	490.00	475.00	461.00	447.00	435.00	423.00	411.00	399.00	**1,154.00**	3,541.0
Cable	LV Main (UG Consac)	LV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	LV Main (UG Plastic)	LV	km		-	1.00	5.00	10.28	10.28	10.28	10.28	10.28	10.28	10.28	10.28	10.28	10.28	**26.56**	82.2
Cable	LV Main (UG Paper)	LV	km		-	12.00	3.65	-	-	-	-	-	-	-	-	-	-	**15.65**	-
Cable	Rising & Lateral Mains	LV	No. of Mains		-	-	6.00	-	-	-	-	-	-	-	-	-	-	**6.00**	-
Cable	LV Service (UG)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	LV Service associated with RLM	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Circuit Breaker	LV	Each															**-**	-
Switchgear	LV Pillar (ID)	LV	Each		7.00	7.00	1.00	2.00	4.00	4.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	**21.00**	25.0
Switchgear	LV Pillar (OD at Substation)	LV	Each		39.00	6.00	16.00	7.00	17.00	12.00	13.00	12.00	13.00	12.00	13.00	13.00	13.00	**85.00**	101.0
Switchgear	LV Board (WM)	LV	Each		2.00	1.00	-	-	-	-	-	-	-	-	-	-	-	**3.00**	-
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each		25.00	44.00	19.00	10.00	10.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	**108.00**	592.0
Switchgear	Cut Out (Metered)	LV	Each		-	2,985.00	2,607.00	-	-	-	-	-	-	-	-	-	-	**5,592.00**	-
Switchgear	LV Board (X-type Network) (WM)	LV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	LV Transformers/Regulators	LV	Each		1.00		1.00	-										**2.00**	
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km		-	18.00	37.81	-	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	**57.11**	10.4
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km		-	-	1.59	-	-	-	-	-	-	-	-	-	-	**1.59**	-
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	6.6/11kV Poles	HV	Each		362.00	394.00	260.00	-	78.00	77.00	75.00	73.00	71.00	69.00	68.00	67.00	66.00	**1,094.00**	566.0
Overhead Pole Line	20kV Poles	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	6.6/11kV UG Cable	HV	km		10.00	16.00	0.72	0.69	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	**28.00**	4.7
Cable	20kV UG Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	HV Sub Cable	HV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	6.6/11kV CB (PM)	HV	Each		2.00	5.00	4.00	-	3.00	3.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	**14.00**	18.0
Switchgear	6.6/11kV CB (GM) Primary	HV	Each		10.00	26.00	2.00	2.00	10.00	10.00	6.00	7.00	8.00	8.00	7.00	8.00	8.00	**50.00**	62.0
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each		40.00	7.00	4.00	-	13.00	6.00	6.00	6.00	8.00	6.00	6.00	7.00	7.00	**64.00**	52.0
Switchgear	6.6/11kV Switch (PM)	HV	Each		1.00	2.00	-	6.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	**11.00**	24.0
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each		69.00	55.00	57.00	1.00	46.00	40.00	36.00	30.00	38.00	36.00	35.00	35.00	36.00	**228.00**	286.0
Switchgear	6.6/11kV Switch (GM)	HV	Each		231.00	54.00	21.00	43.00	87.00	51.00	51.00	58.00	62.00	55.00	56.00	58.00	58.00	**436.00**	449.0
Switchgear	6.6/11kV RMU	HV	Each		88.00	47.00	29.00	30.00	57.00	43.00	65.00	54.00	53.00	59.00	54.00	51.00	47.00	**251.00**	426.0
Switchgear	6.6/11kV X-type RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (GM) Primary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV CB (GM) Secondary	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switch (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switchgear - Other (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV Switch (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	20kV RMU	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	6.6/11kV Transformer (PM)	HV	Each		141.00	208.00	102.00	-	-	-	-	-	-	-	-	-	-	**451.00**	-
Transformer	6.6/11kV Transformer (GM)	HV	Each		89.00	48.00	35.00	-	-	-	-	-	-	-	-	-	-	**172.00**	-
Transformer	20kV Transformer (PM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	20kV Transformer (GM)	HV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Batteries at GM HV Substations	HV	Each		5.00	15.00	3.00	-	-	-	-	-	-	-	-	-	-	**23.00**	-
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km		-	-	0.71	-	0.18	0.18	0.18	0.18	0.18	0.18	0.18	2.18	0.18	**0.89**	3.4
Overhead Pole Line	33kV Pole	EHV	Each		101.00	7.00	10.00	2.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	10.00	8.00	**128.00**	66.0
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	66kV Pole	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	33kV Tower	EHV	Each		1.00	-	-	-	-	-	-	-	-	-	-	-	-	**1.00**	-
Overhead Tower Line	33kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV Tower	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	66kV Fittings	EHV			-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	33kV UG Cable (Non Pressurised)	EHV	km		-	1.00	0.77	-	-	-	-	-	-	-	-	-	-	**1.77**	-
Cable	33kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	33kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Non Pressurised)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Oil)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	66kV UG Cable (Gas)	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	EHV Sub Cable	EHV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		5.00	2.00	-	-	-	-	-	-	-	-	-	-	-	**7.00**	-
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV Switch (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV Switchgear - Other	EHV	Each		-	3.00	-	-	-	-	-	-	-	-	-	-	-	**3.00**	-
Switchgear	33kV Switch (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	33kV RMU	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	66kV Switchgear - Other	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	33kV Transformer (PM)	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Transformer	33kV Transformer (GM)	EHV	Each		1.00	5.00	-	-	-	-	-	-	-	-	-	-	-	**6.00**	-
Transformer	66kV Transformer	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Batteries at 33kV Substations	EHV	Each		5.00	-	-	43.00	51.00	52.00	52.00	52.00	49.00	33.00	-	-	-	**99.00**	238.0
Protection	Batteries at 66kV Substations	EHV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Pole Line	132kV Pole	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km		-	-	-	-	-	-	-	-	-	-	22.00	-	-	**-**	22.0
Overhead Tower Line	132kV Tower	132kV	Each		-	1.00	1.00	-	-	-	-	-	-	-	-	2.00	-	**2.00**	2.0
Overhead Tower Line	132kV Fittings	132kV	Each		-	-	2.00	-	-	-	-	-	-	-	-	-	-	**2.00**	-
Cable	132kV UG Cable (Non Pressurised)	132kV	km		-	-	0.43	-	-	-	-	-	-	-	-	-	-	**0.43**	-
Cable	132kV UG Cable (Oil)	132kV	km		-	-	0.10	-	-	-	-	-	-	-	-	-	-	**0.10**	-
Cable	132kV UG Cable (Gas)	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Cable	132kV Sub Cable	132kV	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each		-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	-
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each		-	-	2.00	4.00	3.04	-	-	-	-	-	-	-	-	**9.04**	-
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Switchgear	132kV Switchgear - Other	132kV	Each		11.00	3.00	13.00	-	-	-	-	-	-	-	-	-	-	**27.00**	-
Transformer	132kV Transformer	132kV	Each		-	-	1.00	-	-	-	-	-	-	-	-	-	-	**1.00**	-
Protection	Batteries at 132kV Substations	132kV	Each		2.00	2.00	2.00	11.00	13.00	13.00	13.00	13.00	13.00	8.00	-	-	-	**30.00**	60.0
Protection	Pilot Wire Overhead	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Protection	Pilot Wire Underground	Other	km		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-
Civils	Cable Tunnels (DNO owned)	Other	Each		-	-	-	-	-	-	-	-	-

V4b: Asset register - Other Movements
SPN
Price base (2012/13)

Includes: Faults

Asset Additions

Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
				DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor	LV	km	2009/2010	-	-	0.68	3.00	2.00	-	-	-	-	-	-	-	-	**5.68**	**-**
Overhead Pole Line	LV Service (OHL)	LV	Each	2009/2010	-	-	19.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	**211.00**	**768.00**
Overhead Pole Line	LV Poles	LV	Each	2009/2010	-	-	12.00	-	-	-	-	-	-	-	-	-	-	**12.00**	**-**
Cable	LV Main (UG Consac)	LV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Main (UG Plastic)	LV	km	2009/2010	-	-	3.34	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	**17.34**	**56.00**
Cable	LV Main (UG Paper)	LV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	Rising & Lateral Mains	LV	No. of Mains	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Service (UG)	LV	Each	2009/2010	-	-	1.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	**301.00**	**1200.00**
Cable	LV Service associated with RLM	LV	Each	2009/2010	-	-	-	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	**14.00**	**56.00**
Switchgear	LV Circuit Breaker	LV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Pillar (ID)	LV	Each	2009/2010	2.00	4.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**9.00**	**8.00**
Switchgear	LV Pillar (OD at Substation)	LV	Each	2009/2010	14.00	13.00	13.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	**48.00**	**40.00**
Switchgear	LV Board (WM)	LV	Each	2009/2010	-	2.00	-	-	-	-	-	-	-	-	-	-	-	**2.00**	**-**
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each	2009/2010	7.00	88.00	95.00	-	-	-	-	-	-	-	-	-	-	**190.00**	**-**
Switchgear	Cut Out (Metered)	LV	Each	2009/2010	-	11.00	750.00	4,272.00	4,272.00	3,204.00	2,136.00	2,136.00	2,136.00	2,136.00	2,136.00	3,468.00	3,468.00	**9,305.00**	**20820.00**
Switchgear	LV Board (X-type Network) (WM)	LV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Transformers/Regulators	LV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km	2009/2010	-	-	-	1.00	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km	2009/2010	-	-	-	125.00	104.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	**229.00**	**320.00**
Overhead Pole Line	6.6/11kV Poles	HV	Each	2009/2010	-	-	2.00	-	-	-	-	-	-	-	-	-	-	**2.00**	**-**
Overhead Pole Line	20kV Poles	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	6.6/11kV UG Cable	HV	km	2009/2010	-	-	3.41	4.00	5.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	**12.41**	**72.00**
Cable	20kV UG Cable	HV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	HV Sub Cable	HV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV CB (PM)	HV	Each	2009/2010	-	6.00	2.00	-	-	-	-	-	-	-	-	-	-	**8.00**	**-**
Switchgear	6.6/11kV CB (GM) Primary	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each	2009/2010	5.00	11.00	18.00	24.00	24.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	**82.00**	**40.00**
Switchgear	6.6/11kV Switch (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each	2009/2010	-	-	6.00	-	-	-	-	-	-	-	-	-	-	**6.00**	**-**
Switchgear	6.6/11kV Switch (GM)	HV	Each	2009/2010	1.00	-	4.00	2.00	2.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	**9.00**	**80.00**
Switchgear	6.6/11kV RMU	HV	Each	2009/2010	31.00	22.00	26.00	26.00	26.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	**131.00**	**304.00**
Switchgear	6.6/11kV X-type RMU	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Primary	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Secondary	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switchgear - Other (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (GM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV RMU	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	6.6/11kV Transformer (PM)	HV	Each	2009/2010	21.00	-	39.00	-	-	-	-	-	-	-	-	-	-	**60.00**	**-**
Transformer	6.6/11kV Transformer (GM)	HV	Each	2009/2010	30.00	31.00	30.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	**111.00**	**80.00**
Transformer	20kV Transformer (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	20kV Transformer (GM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at GM HV Substations	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km	2009/2010	-	-	-	1.00	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Overhead Pole Line	33kV Pole	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV Pole	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Tower	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Fittings	EHV		2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Tower	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Fittings	EHV		2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Non Pressurised)	EHV	km	2009/2010	-	-	-	0.39	0.54	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.85	**0.93**	**7.85**
Cable	33kV UG Cable (Oil)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Gas)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Non Pressurised)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Oil)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Gas)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	EHV Sub Cable	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switch (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switchgear - Other	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switch (PM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV RMU	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV Switchgear - Other	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (PM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	66kV Transformer	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at 33kV Substations	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at 66kV Substations	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV Pole	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km	2009/2010	-	-	0.24	-	-	-	-	-	-	-	-	-	-	**0.24**	**-**
Overhead Tower Line	132kV Tower	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV Fittings	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Non Pressurised)	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Oil)	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Gas)	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV Sub Cable	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(OD) (GM)	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Gas Insulated Busbars)(ID) (GM)	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Gas Insulated Busbars)(OD) (GM)	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV Switchgear - Other	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	132kV Transformer	132kV	Each	2009/2010	-	-	1.00	1.00	-	-	-	-	-	-	-	-	-	**2.00**	**-**
Protection	Batteries at 132kV Substations	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Pilot Wire Overhead	Other	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Pilot Wire Underground	Other	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Civils	Cable Tunnels (DNO owned)	Other	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Civils	Cable Bridges (DNO owned)	Other	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Electrical Energy Storage		Other	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**

Asset Disposals

Asset	Name	Voltage	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
				DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Overhead Pole Line	LV Main (OHL) Conductor	LV	km	2009/2010	-	-	0.50	3.00	2.00	-	-	-	-	-	-	-	-	**5.50**	**-**
Overhead Pole Line	LV Service (OHL)	LV	Each	2009/2010	-	-	19.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	**211.00**	768.0
Overhead Pole Line	LV Poles	LV	Each	2009/2010	-	-	11.00	-	-	-	-	-	-	-	-	-	-	**11.00**	**-**
Cable	LV Main (UG Consac)	LV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Main (UG Plastic)	LV	km	2009/2010	-	-	1.07	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	**5.13**	16.3
Cable	LV Main (UG Paper)	LV	km	2009/2010	-	-	3.92	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	**13.86**	39.7
Cable	Rising & Lateral Mains	LV	No. of Mains	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	LV Service (UG)	LV	Each	2009/2010	-	-	1.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	**301.00**	1,200.0
Cable	LV Service associated with RLM	LV	Each	2009/2010	-	-	-	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	**14.00**	56.0
Switchgear	LV Circuit Breaker	LV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Pillar (ID)	LV	Each	2009/2010	1.00	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	**3.00**	8.0
Switchgear	LV Pillar (OD at Substation)	LV	Each	2009/2010	3.00	10.00	12.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	**33.00**	40.0
Switchgear	LV Board (WM)	LV	Each	2009/2010	1.00	1.00	-	-	-	-	-	-	-	-	-	-	-	**2.00**	**-**
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each	2009/2010	8.00	81.00	91.00	-	-	-	-	-	-	-	-	-	-	**180.00**	**-**
Switchgear	Cut Out (Metered)	LV	Each	2009/2010	-	11.00	750.00	4,272.00	4,272.00	3,204.00	2,136.00	2,136.00	2,136.00	2,136.00	2,136.00	3,468.00	3,468.00	**9,305.00**	20,820.0
Switchgear	LV Board (X-type Network) (WM)	LV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	LV Transformers/Regulators	LV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km	2009/2010	-	-	0.26	-	-	-	-	-	-	-	-	-	-	**0.26**	**-**
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km	2009/2010	-	-	-	1.00	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km	2009/2010	-	-	-	125.00	104.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	**229.00**	320.0
Overhead Pole Line	6.6/11kV Poles	HV	Each	2009/2010	-	-	2.00	-	-	-	-	-	-	-	-	-	-	**2.00**	**-**
Overhead Pole Line	20kV Poles	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	6.6/11kV UG Cable	HV	km	2009/2010	-	-	2.52	4.00	5.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	**11.52**	72.0
Cable	20kV UG Cable	HV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	HV Sub Cable	HV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV CB (PM)	HV	Each	2009/2010	-	6.00	2.00	-	-	-	-	-	-	-	-	-	-	**8.00**	**-**
Switchgear	6.6/11kV CB (GM) Primary	HV	Each	2009/2010	10.00	-	-	-	-	-	-	-	-	-	-	-	-	**10.00**	**-**
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each	2009/2010	-	7.00	3.00	-	-	-	-	-	-	-	-	-	-	**10.00**	**-**
Switchgear	6.6/11kV Switch (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each	2009/2010	-	-	6.00	-	-	-	-	-	-	-	-	-	-	**6.00**	**-**
Switchgear	6.6/11kV Switch (GM)	HV	Each	2009/2010	74.00	42.00	62.00	96.00	96.00	110.00	110.00	110.00	110.00	110.00	110.00	110.00	110.00	**370.00**	880.0
Switchgear	6.6/11kV RMU	HV	Each	2009/2010	-	12.00	12.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	**28.00**	16.0
Switchgear	6.6/11kV X-type RMU	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Primary	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV CB (GM) Secondary	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switchgear - Other (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV Switch (GM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	20kV RMU	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	6.6/11kV Transformer (PM)	HV	Each	2009/2010	26.00	-	43.00	-	-	-	-	-	-	-	-	-	-	**69.00**	**-**
Transformer	6.6/11kV Transformer (GM)	HV	Each	2009/2010	31.00	28.00	36.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	**115.00**	80.0
Transformer	20kV Transformer (PM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	20kV Transformer (GM)	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at GM HV Substations	HV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km	2009/2010	-	-	-	1.00	-	-	-	-	-	-	-	-	-	**1.00**	**-**
Overhead Pole Line	33kV Pole	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	66kV Pole	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Tower	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	33kV Fittings	EHV		2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Tower	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	66kV Fittings	EHV		2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Non Pressurised)	EHV	km	2009/2010	-	-	-	0.39	0.54	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.85	**0.93**	7.9
Cable	33kV UG Cable (Oil)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	33kV UG Cable (Gas)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Non Pressurised)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Oil)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	66kV UG Cable (Gas)	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	EHV Sub Cable	EHV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switch (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switchgear - Other	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV Switch (PM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	33kV RMU	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	66kV Switchgear - Other	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (PM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	33kV Transformer (GM)	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Transformer	66kV Transformer	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at 33kV Substations	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Protection	Batteries at 66kV Substations	EHV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV OHL (Pole Line) Conductor	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Pole Line	132kV Pole	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV OHL (Tower Line) Conductor	132kV	km	2009/2010	-	-	0.24	-	-	-	-	-	-	-	-	-	-	**0.24**	**-**
Overhead Tower Line	132kV Tower	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Overhead Tower Line	132kV Fittings	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Non Pressurised)	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Oil)	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV UG Cable (Gas)	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Cable	132kV Sub Cable	132kV	km	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132kV CB (Air Insulated Busbars)(ID) (GM)	132kV	Each	2009/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Switchgear	132

V5: Asset register - Age Profile
SPN
Price base (2012/13)

Asset	Name	Voltage	Units	Asset replacement profile: Average asset lives	Standard deviation of lives	No. of remaining assets in service: Pre-1920	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961
Overhead Pole Line	LV Main (OHL) Conductor	LV	km	60.00	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	LV Service (OHL)	LV	Each	60.00	10.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	177.00	195.00	154.00	288.00	187.00	339.00	230.00	197.00	173.00	28.00	20.00	11.00	11.00	9.00	54.00	101.00	51.00	459.00	399.00	705.00	635.00	1038.00	812.00	822.00	1257.00	960.00	1005.00	895.00	887.00	1022.00
Overhead Pole Line	LV Poles	LV	Each	70.00	13.00	-	-	-	-	-	-	-	-	-	-	-	-	1.00	972.00	795.00	681.00	1273.00	866.00	1285.00	962.00	751.00	622.00	46.00	29.00	17.00	23.00	14.00	76.00	169.00	61.00	1783.00	1627.00	2763.00	2198.00	3940.00	3095.00	3012.00	4483.00	3406.00	3367.00	2874.00	2843.00	3709.00
Cable	LV Main (UG Consac)	LV	km	50.00	9.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cable	LV Main (UG Plastic)	LV	km	95.00	9.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cable	LV Main (UG Paper)	LV	km	90.00	14.00	-	1,546.00	246.00	247.00	289.00	290.00	296.00	296.00	301.00	331.00	322.00	310.00	301.00	285.00	256.00	255.00	258.00	261.00	261.00	236.00	252.00	262.00	276.00	287.00	357.00	341.00	327.00	306.00	296.00	235.00	242.00	310.00	313.00	245.00	201.00	305.00	286.00	291.00	336.00	320.00	327.00	405.00	432.00	406.00
Cable	Rising & Lateral Mains	LV	No. of Mains	70.00	12.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	LV Service (UG)	LV	Each	90.00	-	86,710.00	13,417.00	14,512.00	15,596.00	17,966.00	18,159.00	18,352.00	19,110.00	19,306.00	21,220.00	20,560.00	19,902.00	19241.00	18582.00	16470.00	16536.00	16602.00	16668.00	16735.00	15325.00	16129.00	16931.00	17735.00	18539.00	22961.00	21955.00	20948.00	19941.00	18933.00	15197.00	15553.00	19801.00	19801.00	15738.00	12880.00	19500.00	18296.00	18597.00	21531.00	20329.00	20930.00	25745.00	27551.00
Cable	LV Service associated with RLM	LV	Each	70.00	12.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	LV Circuit Breaker	LV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	LV Pillar (ID)	LV	Each	65.00	11.00	-	-	-	-	-	-	-	-	-	-	-	-	1.00	1.00	6.00	4.00	4.00	8.00	39.00	4.00	7.00	8.00	2.00	0.00	0.00	1.00	1.00	2.00	16.00	16.00	19.00	54.00	23.00	18.00	48.00	56.00	61.00	119.00	103.00	81.00	24.00	48.00	39.00
Switchgear	LV Pillar (OD at Substation)	LV	Each	65.00	11.00	-	-	-	-	-	-	-	-	-	-	-	-	1.00	1.00	46.00	44.00	46.00	48.00	51.00	44.00	47.00	48.00	41.00	41.00	40.00	42.00	41.00	42.00	54.00	56.00	79.00	57.00	97.00	67.00	53.00	52.00	86.00	168.00	168.00	299.00	406.00	484.00	589.00
Switchgear	LV Board (WM)	LV	Each	65.00	11.00	-	-	-	-	-	-	-	-	-	-	1.00	-	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.00	1.00	3.00	1.00	3.00	1.00	6.00	5.00	8.00	65.00	67.00	80.00	78.00	87.00	106.00	90.00
Switchgear	LV UGB & LV Pillars (OD not at Substation)	LV	Each	45.00	8.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	Cut Out (Metered)	LV	Each	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	LV Board (X-type Network) (WM)	LV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	LV Transformers/Regulators	LV	Each	48.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	1.00	-	-	-	-	-	-	-	1.00	-	-	-	-
Overhead Pole Line	6.6/11kV OHL (Conventional Conductor)	HV	km	55.00	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	6.6/11kV OHL (BLX or similar Conductor)	HV	km	65.00	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	20kV OHL (Conventional Conductor)	HV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	20kV OHL (BLX or similar Conductor)	HV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	6.6/11kV Poles	HV	Each	70.00	11.00	-	-	-	14.00	-	-	-	-	-	-	-	-	2.00	183.00	117.00	153.00	96.00	429.00	245.00	215.00	307.00	323.00	25.00	12.00	3.00	22.00	59.00	26.00	129.00	86.00	567.00	573.00	971.00	960.00	1993.00	1094.00	1374.00	1823.00	1806.00	1415.00	1796.00	1603.00	2358.00
Overhead Pole Line	20kV Poles	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cable	6.6/11kV UG Cable	HV	km	80.00	13.00	-	-	-	11.00	38.00	39.00	48.00	58.00	67.00	74.00	87.00	93.00	99.00	106.00	112.00	127.00	130.00	131.00	132.00	133.00	128.00	142.00	132.00	127.00	127.00	109.00	111.00	111.00	106.00	88.00	97.00	87.00	92.00	104.00	102.00	102.00	119.00	142.00	146.00	169.12	151.00	173.00	194.61
Cable	20kV UG Cable	HV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cable	HV Sub Cable	HV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	6.6/11kV CB (PM)	HV	Each	40.00	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	6.6/11kV CB (GM) Primary	HV	Each	59.00	11.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	1.00	1.00	0.00	21.00	8.00	2.00	5.00	45.00	16.00	41.00	39.00
Switchgear	6.6/11kV CB (GM) Secondary	HV	Each	48.00	6.00	-	-	-	-	-	-	1.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	7.00	0.00	1.00	0.00	20.00	10.00	11.00	1.00	1.00	11.00	15.00
Switchgear	6.6/11kV Switch (PM)	HV	Each	48.00	6.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	6.6/11kV Switchgear - Other (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	6.6/11kV Switch (GM)	HV	Each	59.00	6.00	-	-	-	-	-	-	-	7.00	4.00	-	-	-	3.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	3.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	4.00	7.00	2.00	0.00	0.00	6.00	0.00	4.00	1.00	40.00	31.00	47.00	202.00
Switchgear	6.6/11kV RMU	HV	Each	59.00	6.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00	1.00	8.00
Switchgear	6.6/11kV X-type RMU	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	20kV CB (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	20kV CB (GM) Primary	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	20kV CB (GM) Secondary	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	20kV Switch (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	20kV Switchgear - Other (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear	20kV Switch (GM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	20kV RMU	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transformer	6.6/11kV Transformer (PM)	HV	Each	48.00	11.00	-	-	-	-	-	-	-	-	-	-	1.00	2.00	1.00	1.00	2.00	2.00	4.00	5.00	25.00	22.00	18.00	2.00	0.00	2.00	0.00	1.00	0.00	4.00	9.00	14.00	21.00	37.00	46.00	64.00	149.00	65.00	74.00	146.00	124.00	146.00	192.00	181.00	262.00
Transformer	6.6/11kV Transformer (GM)	HV	Each	70.00	15.00	-	-	-	-	-	-	-	-	-	1.00	-	-	0.00	2.00	13.00	10.00	9.00	15.00	149.00	9.00	12.00	16.00	3.00	0.00	1.00	0.00	2.00	7.00	31.00	34.00	58.00	69.00	81.00	50.00	61.00	78.00	132.00	256.00	248.00	355.00	411.00	514.00	588.00
Transformer	20kV Transformer (PM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transformer	20kV Transformer (GM)	HV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Protection	Batteries at GM HV Substations	HV	Each	8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Pole Line	33kV OHL (Pole Line) Conductor	EHV	km	55.00	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	33kV Pole	EHV	Each	70.00	10.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	82.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	25.00	4.00	71.00	171.00	434.00	200.00	390.00	150.00	234.00	331.00	736.00	65.00	515.00
Overhead Pole Line	66kV OHL (Pole Line) Conductor	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Pole Line	66kV Pole	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Tower Line	33kV OHL (Tower line) Conductor	EHV	km	55.00	13.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	33kV Tower	EHV	Each	83.00	9.00	-	-	-	-	-	-	-	-	-	-	-	33.00	58.00	0.00	26.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	8.00	0.00	0.00	62.00
Overhead Tower Line	33kV Fittings	EHV	-	55.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	66kV OHL (Tower Line) Conductor	EHV	km	55.00	13.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overhead Tower Line	66kV Tower	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overhead Tower Line	66kV Fittings	EHV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cable	33kV UG Cable (Non Pressurised)	EHV	km	80.00	14.00	-	-	-	-	-	-	-	14.00	-	-	-	31.00	6.00	20.00	6.00	3.00	0.00	0.00	26.00	3.00	25.00	12.00	0.00	0.00	3.00	0.00	0.00	0.00	9.00	12.00	3.00	0.00	0.00	1.00	2.00	4.00	11.19	6.00	9.00	0.00	36.00	27.00
Cable	33kV UG Cable (Oil)	EHV	km	75.00	14.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	3.00	0.00	14.00	0.00	14.00	11.00	15.00	0.00	2.00	18.00	45.00	9.00	19.00
Cable	33kV UG Cable (Gas)	EHV	km	60.00	14.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00
Cable	66kV UG Cable (Non Pressurised)	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cable	66kV UG Cable (Oil)	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cable	66kV UG Cable (Gas)	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cable	EHV Sub Cable	EHV	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	33kV CB (Air Insulated Busbars)(ID) (GM)	EHV	Each	62.00	9.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	2.00	12.00	2.00	6.00	1.00	26.00
Switchgear	33kV CB (Air Insulated Busbars)(OD) (GM)	EHV	Each	43.00	9.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	33kV CB (Gas Insulated Busbars)(ID) (GM)	EHV	Each	62.00	9.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Switchgear	33kV CB (Gas Insulated Busbars)(OD) (GM)	EHV	Each	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00

1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total		Volume check against total in asset register
0.00	0.00	0.00

V7: Flood Mitigation (site)
SPN
Price base (2012/13)

Substation name	Voltage of substation		Customers supplied by substation			Flooding risk at 1 April 2010	Flooding risk (ETR138)	Assessment against EA/SEPA	Detailed Flood Risk Assessment	Impact Assessment of Predicted Flood	Societal Impact Assessment Complete	Further assessment work required [as per columns L - O]	Establish Whether Subject to Wider Flood Defence Scheme	Site Specific Protection Designed	Protection Implemented	Nature of defences	What is the designed level of protection on completion of defences in column T?				
(name)	Primary	Secondary	Number of customers supplied by substation	Number of critical customers supplied by substation	Types of critical customers supplied by substation	(1/x)	1/100, 1/200, 1/1000	Planned Date of Assessment or write "completed" if complete	Planned Date of Assessment or write "completed" if complete	Planned Date of Assessment or write "completed" if complete	Planned Date of Assessment or write "completed" if complete	"Yes", or leave blank	(list - Yes/No)	Planned Date of Design Completion or write "completed" if complete	Planned Date of Protection Implemented or write "completed" if complete	(description)	(1/x)	2011	2012	2013	2014
CANTERBURY NORTH 132 KV	132	0	133000	0	0	100	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	31/12/2013	Walls	1/1000	0	0	0	0.8
WEST WEYBRIDGE GRID 132KV	132	0	186000	0	0	200	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	30/09/2013	Membrane and barriers	1/1000	0	0	0.003	0.2
SHEERNESS GRID	132	0	16000	0	0	1000	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	30/09/2013	Walls	1/200	0	0	0.008	0.2
BEDDINGTON 132 KV	132	0	279000	1	V	100	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	30/09/2013	Membrane and barriers	1/1000	0	0	0.006	0.14
THREE BRIDGES MAIN 132 KV	132	0	56000	0	0	1000	1/100	Completed	Completed	Completed	Complete	Yes	No	31/12/2013	26/05/2014	0	0	0	0	0.005	0
SITTINGBOURNE GRID	132	0	35000	1	V	200	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	30/09/2013	Membrane and barriers	1/200	0	0	0.003	0.2
CRAWLEY TOWN	EHV	0	20000	0	0	100	1/100	Completed	Completed	Completed	Complete	Yes	No	30/08/2013	31/12/2014	Walls	0	0	0	0.001	0
THREE BRIDGES LOCAL 33KV	EHV	0	5000	0	0	100	1/100	Completed	Completed	Completed	Complete	Yes	No	30/08/2013	31/12/2014	Walls	0	0	0	0.007	0
SHEERNESS GRID 132 KV	132	0	16340	0	0	1000	1/100	Completed	Completed	Completed	Complete	Yes	No	31/12/2012	25/02/2013	Walls	0	0	0	0.008	0
KINGSNORTH 132	132	0	27000	0	0	200	1/100	Completed	Completed	Completed	Complete	Yes	No	30/09/2013	30/03/2014	0	0	0	0	0.001	0
TWICKENHAM GRID	132	0	27400	1	F	100	1/100	Completed	Completed	Completed	Complete	Yes	Yes	Not required	Removed from scope	n/a	n/a	0	0	0	0
NEWHAVEN GRID	132	0	29190	0	0	1000	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	Completed	Walls	1/100	0	0.023	0.289	0
KINGSTON 33/11KV	EHV	0	27000	0	0	100	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	30/09/2013	Membrane and barriers	1/100	0	0	0	0
CANTERBURY TOWN 33KV	EHV	0	19000	0	0	100	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	Completed	Walls	1/100	0	0	0.2	0
HAMPDEN PARK 33/11KV	EHV	0	13000	0	0	200	1/100	Completed	Completed	Completed	Complete	Yes	Yes	Not required	Removed from scope	n/a	n/a	0	0	0	0
FAIRMEADOW 11 KV	EHV	0	6000	0	0	100	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	31/12/2013	Awaiting flood data	Not yet assessed	0	0	0	0
NEWHAVEN TOWN 33KV	EHV	0	5000	0	0	100	1/100	Completed	Completed	Completed	Complete	Yes	No	Completed	Completed	Walls	1/200	0	0	0.105	0
OLD WOKING PRIMARY	EHV	0	8000	0	0	100	1/100	Completed	Completed	Completed	Complete	Yes	No	31/12/2012	30/09/2013	Walls	0	0	0	0.005	0
SMALLFIELD GRID 132 KV	132	0	14839	0	0	1/100	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
LEWES CENTRAL 33KV	EHV	0	6487	0	0	1/100	1/100	Complete	Complete	Complete	Complete	Yes	Yes	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
QUEENBOROUGH 33/6.6KV	EHV	0	2924	0	0	1/200	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
ROBERTSBRIDGE 33KV	EHV	0	4329	0	0	1/100	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
SUNDRIDGE 33KV	EHV	0	10176	0	0	1/100	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
TOWNSEND HOOK 33KV	EHV	0	2478	0	0	1/100	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
CHERTSEY 33/11KV	EHV	0	12350	0	0	100	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
LEATHERHEAD TOWN 33/11KV	EHV	0	14000	0	0	100	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
FOREST ROW 33KV	EHV	0	4000	0	0	100	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
SHARNAL STREET 33/11KV	EHV	0	8000	0	0	200	1/100	Complete	Complete	Complete	Complete	Yes	No	30/09/2013	30/06/2014	To be assessed	0	0	0	0	0
Survey	0	0	0	0	0	0	-	0	0	0	0	0	0	00/01/1900	00/01/1900	0	0	0.1	0	0.023	0
Fluvial / Coastal Risk sites TBA	0	0	0	0	0	100/1000	1/100	31/12/2014	31/12/2014	31/12/2014	31/12/2014	0	0	31/12/2014	00/01/1900	0	0	0	0	0	0
Pluvial Risk sites TBA	0	0	0	0	0	Surface Water	1/100	31/12/2014	31/12/2014	31/12/2014	31/12/2014	0	0	31/12/2014	00/01/1900	0	0	0	0	0	0
Total			**987,513**															**0**	**0**	**1**	**2**

Expenditure on flood defences (by regulatory year) (£m)									Total Expenditure (£m)	
2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
0	0	0	0	0	0	0	0	0	**1**	**-**
0	0	0	0	0	0	0	0	0	**0**	**-**
0	0	0	0	0	0	0	0	0	**0**	**-**
0	0	0	0	0	0	0	0	0	**0**	**-**
0.1	0.1	0	0	0	0	0	0	0	**0**	**0**
0	0	0	0	0	0	0	0	0	**0**	**-**
0.28	0	0	0	0	0	0	0	0	**0**	**-**
0.2	0.2	0	0	0	0	0	0	0	**0**	**0**
0	0	0	0	0	0	0	0	0	**0**	**-**
0	0.2	0.1	0	0	0	0	0	0	**0**	**0**
0	0	0	0	0	0	0	0	0	**-**	**-**
0	0.08	0.1	0	0	0	0	0	0	**0**	**0**
0	0	0.18	0	0	0	0	0	0	**-**	**0**
0	0	0	0	0	0	0	0	0	**0**	**-**
0	0	0	0	0	0	0	0	0	**-**	**-**
0	0	0	0.1	0	0	0	0	0	**-**	**0**
0	0	0.2	0	0	0	0	0	0	**0**	**0**
0	0	0	0.13	0	0	0	0	0	**0**	**0**
0	0	0	0.35	0	0	0	0	0	**-**	**0**
0	0	0	0	0.2	0	0	0	0	**-**	**0**
0	0	0	0	0.25	0	0	0	0	**-**	**0**
0	0	0	0	0.13	0.26	0	0	0	**-**	**0**
0	0	0	0	0	0.16	0	0	0	**-**	**0**
0	0	0	0	0	0	0.22	0	0	**-**	**0**
0	0	0	0	0	0	0.2	0	0	**-**	**0**
0	0	0	0	0	0	0	0.25	0	**-**	**0**
0	0	0	0	0	0	0	0.17	0	**-**	**0**
0	0	0	0	0	0	0	0	0.2	**-**	**0**
0	0	0	0	0	0	0	0	0	**0**	**-**
0	0	0	0	0	0	0	0	0.22	**-**	**0**
0	0	0	0	0	0	0	0	0	**-**	**-**
1	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**3**	**4**

V9: MTP one-off EEs Only
SPN
Price base (2012/13)

		Volumes					
		2010	2011	2012	2013	2014	RIIO-ED1
UNPLANNED INCIDENTS ON POWER SYSTEM VOLTAGE EQUIPMENT - TOTAL		DPCR4	DPCR5				#
LV Services (excluding cut out incidents)	Overhead		-	-	-	-	-
LV Services (excluding cut out incidents)	Underground		-	-	-	-	-
LV Network	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	-	-
LV Network	UG Cables (Non CONSAC) - Asset Repair/Replacement Required		-	-	-	-	-
LV Network	UG Cables (CONSAC) - Asset Repair/Replacement Required		-	-	-	-	-
LV Network	OH Lines - Asset Repair/Replacement Required		-	-	-	-	-
LV Network	All Other Switchgear, Plant & Equipment - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	-	-
HV Network (11 kV & 20 kV)	UG Cables - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	OH Lines - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear Circuit Breakers - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear (All Types ex CB) Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	Pole Mounted Transformers - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	All Other Plant and Equipment (inc GM transformers) - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	OH Lines - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	All Other Plant and Equipment - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	Supply Restoration by onsite switching only		-	-	-	-	-
132 kV Network	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		2.0	-	-	-	-
132 kV Network	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	OH Lines - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	All Other Plant and Equipment - Asset Repair/Replacement Required		-	-	-	1.0	-
HV Network (11 kV & 20 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
UNPLANNED INCIDENTS ON POWER SYSTEM VOLTAGE EQUIPMENT - TOTAL ASSET REPAIR/REPLACEMENT REQUIRED			2.0	-	-	1.0	-

Number of One-off Exceptional events		1.0	-	-	-	-

V10a: MTP Severe Weather EEs Only
SPN
Price base (2012/13)

		Volumes					
		2010	2011	2012	2013	2014	RIIO-ED1
UNPLANNED INCIDENTS ON POWER SYSTEM VOLTAGE EQUIPMENT - TOTAL		DPCR4	DPCR5				#
LV Services (excluding cut out incidents)	Overhead		-	-	-	-	310.0
LV Services (excluding cut out incidents)	Underground		-	-	-	-	-
LV Network	Supply Restoration by Switching Only (Non Damage Fault)		-	24.0	-	-	140.0
LV Network	UG Cables (Non CONSAC) - Asset Repair/Replacement Required		-	13.0	-	-	35.0
LV Network	UG Cables (CONSAC) - Asset Repair/Replacement Required		-	-	-	-	-
LV Network	OH Lines - Asset Repair/Replacement Required		-	119.0	-	-	260.0
LV Network	All Other Switchgear, Plant & Equipment - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	Supply Restoration by Switching Only (Non Damage Fault)		-	4.0	-	-	-
HV Network (11 kV & 20 kV)	UG Cables - Asset Repair/Replacement Required		-	21.0	-	-	21.0
HV Network (11 kV & 20 kV)	OH Lines - Asset Repair/Replacement Required		-	163.0	-	-	660.0
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear Circuit Breakers - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear (All Types ex CB) Asset Repair/Replacement Required		-	-	-	-	110.0
HV Network (11 kV & 20 kV)	Pole Mounted Transformers - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	All Other Plant and Equipment (inc GM transformers) - Asset Repair/Replacement Required		-	-	-	-	35.0
EHV Network (22 kV, 33 kV & 66 kV)	Supply Restoration by Switching Only (Non Damage Fault)		-	1.0	-	-	14.0
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	OH Lines - Asset Repair/Replacement Required		-	6.0	-	-	19.0
EHV Network (22 kV, 33 kV & 66 kV)	All Other Plant and Equipment - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	Supply Restoration by onsite switching only		-	-	-	-	7.0
132 kV Network	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	OH Lines - Asset Repair/Replacement Required		-	-	-	-	7.0
132 kV Network	All Other Plant and Equipment - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
UNPLANNED INCIDENTS ON POWER SYSTEM VOLTAGE EQUIPMENT - TOTAL ASSET REPAIR/REPLACEMENT REQUIRED			-	351.0	-	-	1,618.0
Number of Severe Weather Exceptional events			-	2.0	-	-	7.0

V10b: MTP severe weather 1in20 only
SPN
Price base (2012/13)

		Volumes					
		2010	2011	2012	2013	2014	RIIO-ED1
UNPLANNED INCIDENTS ON POWER SYSTEM VOLTAGE EQUIPMENT - TOTAL		DPCR4	DPCR5				#
LV Services (excluding cut out incidents)	Overhead		-	-	-	272.0	150.0
LV Services (excluding cut out incidents)	Underground		-	-	-	2.0	-
LV Network	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	381.0	200.0
LV Network	UG Cables (Non CONSAC) - Asset Repair/Replacement Required		-	-	-	2.0	20.0
LV Network	UG Cables (CONSAC) - Asset Repair/Replacement Required		-	-	-	-	-
LV Network	OH Lines - Asset Repair/Replacement Required		-	-	-	339.0	400.0
LV Network	All Other Switchgear, Plant & Equipment - Asset Repair/Replacement Required		-	-	-	10.0	-
HV Network (11 kV & 20 kV)	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	169.0	-
HV Network (11 kV & 20 kV)	UG Cables - Asset Repair/Replacement Required		-	-	-	20.0	15.0
HV Network (11 kV & 20 kV)	OH Lines - Asset Repair/Replacement Required		-	-	-	373.0	260.0
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear Circuit Breakers - Asset Repair/Replacement Required		-	-	-	-	-
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear (All Types ex CB) Asset Repair/Replacement Required		-	-	-	18.0	30.0
HV Network (11 kV & 20 kV)	Pole Mounted Transformers - Asset Repair/Replacement Required		-	-	-	11.0	-
HV Network (11 kV & 20 kV)	All Other Plant and Equipment (inc GM transformers) - Asset Repair/Replacement Required		-	-	-	2.0	20.0
EHV Network (22 kV, 33 kV & 66 kV)	Supply Restoration by Switching Only (Non Damage Fault)		-	-	-	6.0	5.0
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	OH Lines - Asset Repair/Replacement Required		-	-	-	17.0	6.0
EHV Network (22 kV, 33 kV & 66 kV)	All Other Plant and Equipment - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	Supply Restoration by onsite switching only		-	-	-	1.0	2.0
132 kV Network	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	OH Lines - Asset Repair/Replacement Required		-	-	-	4.0	2.0
132 kV Network	All Other Plant and Equipment - Asset Repair/Replacement Required		-	-	-	1.0	-
HV Network (11 kV & 20 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
132 kV Network	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-
UNPLANNED INCIDENTS ON POWER SYSTEM VOLTAGE EQUIPMENT - TOTAL ASSET REPAIR/REPLACEMENT REQUIRED			-	-	-	1,628.0	1,110.0
Number of Severe Weather 1-in-20 Events			-	-	-	-	1.0

V11: MTP Excluding all EEs
SPN
Price base (2012/13)

		Volumes															
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
		DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
UNPLANNED INCIDENTS ON POWER SYSTEM VOLTAGE EQUIPMENT - TOTAL																	
LV Services (excluding cut out incidents)	Overhead		912.0	945.0	843.0	841.0	813.0	755.0	755.0	755.0	755.0	755.0	755.0	755.0	755.0	4,354.0	6,040.0
LV Services (excluding cut out incidents)	Underground		2,537.0	2,601.0	2,465.0	1,979.0	2,541.0	2,567.0	2,592.0	2,618.0	2,644.0	2,671.0	2,698.0	2,725.0	2,751.0	12,123.0	21,266.0
LV Network	Supply Restoration by Switching Only (Non Damage Fault)		1,883.0	1,698.0	2,769.0	2,587.0	1,925.0	1,882.0	1,882.0	1,882.0	1,882.0	1,882.0	1,882.0	1,882.0	1,882.0	10,862.0	15,056.0
LV Network	UG Cables (Non CONSAC) - Asset Repair/Replacement Required		2,137.0	1,986.0	2,219.0	2,227.0	1,999.0	1,995.0	1,998.0	2,001.0	2,004.0	2,008.0	2,011.0	2,015.0	2,019.0	10,568.0	16,051.0
LV Network	UG Cables (CONSAC) - Asset Repair/Replacement Required		13.0	2.0	1.0	9.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	43.0	144.0
LV Network	OH Lines - Asset Repair/Replacement Required		640.0	651.0	346.0	326.0	953.0	858.0	849.0	840.0	832.0	824.0	816.0	808.0	799.0	2,916.0	6,626.0
LV Network	All Other Switchgear, Plant & Equipment - Asset Repair/Replacement Required		363.0	344.0	330.0	386.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	1,855.0	3,456.0
HV Network (11 kV & 20 kV)	Supply Restoration by Switching Only (Non Damage Fault)		313.0	862.0	941.0	1,026.0	1,701.0	706.0	706.0	706.0	706.0	706.0	706.0	706.0	706.0	4,843.0	5,648.0
HV Network (11 kV & 20 kV)	UG Cables - Asset Repair/Replacement Required		826.0	694.0	746.0	744.0	819.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	3,829.0	6,520.0
HV Network (11 kV & 20 kV)	OH Lines - Asset Repair/Replacement Required		406.0	500.0	245.0	328.0	642.0	517.0	511.0	505.0	500.0	496.0	491.0	485.0	482.0	2,121.0	3,987.0
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear Circuit Breakers - Asset Repair/Replacement Required		-	-	-	-	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	24.0
HV Network (11 kV & 20 kV)	Pole Mounted Switchgear (All Types ex CB) Asset Repair/Replacement Required		15.0	3.0	8.0	43.0	26.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	95.0	72.0
HV Network (11 kV & 20 kV)	Pole Mounted Transformers - Asset Repair/Replacement Required		24.0	74.0	52.0	68.0	208.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	426.0	640.0
HV Network (11 kV & 20 kV)	All Other Plant and Equipment (inc GM transformers) - Asset Repair/Replacement Required		836.0	344.0	216.0	198.0	309.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	1,903.0	2,416.0
EHV Network (22 kV, 33 kV & 66 kV)	Supply Restoration by Switching Only (Non Damage Fault)		19.0	24.0	11.0	25.0	103.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	182.0	128.0
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		-	-	1.0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	8.0
EHV Network (22 kV, 33 kV & 66 kV)	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		19.0	20.0	24.0	24.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	103.0	128.0
EHV Network (22 kV, 33 kV & 66 kV)	OH Lines - Asset Repair/Replacement Required		19.0	17.0	12.0	20.0	19.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	87.0	128.0
EHV Network (22 kV, 33 kV & 66 kV)	All Other Plant and Equipment - Asset Repair/Replacement Required		63.0	78.0	21.0	23.0	49.0	49.0	50.0	50.0	50.0	51.0	51.0	51.0	51.0	234.0	403.0
132 kV Network	Supply Restoration by onsite switching only		3.0	2.0	8.0	6.0	18.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	37.0	24.0
132 kV Network	UG Cables (Pressure Assisted) - Asset Repair/Replacement Required		-	-	-	-	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	8.0
132 kV Network	UG Cables (Non Pressure Assisted) - Asset Repair/Replacement Required		3.0	2.0	5.0	5.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	17.0	16.0
132 kV Network	OH Lines - Asset Repair/Replacement Required		3.0	7.0	2.0	1.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	17.0	24.0
132 kV Network	All Other Plant and Equipment - Asset Repair/Replacement Required		28.0	19.0	12.0	19.0	112.0	113.0	114.0	115.0	115.0	117.0	118.0	119.0	119.0	190.0	930.0
HV Network (11 kV & 20 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EHV Network (22 kV, 33 kV & 66 kV)	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132 kV Network	Submarine Cables - Asset Repair/Replacement Required		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNPLANNED INCIDENTS ON POWER SYSTEM VOLTAGE EQUIPMENT - TOTAL ASSET REPAIR/REPLACEMENT REQUIRED			11,062.0	10,873.0	11,277.0	10,885.0	12,715.0	11,159.0	11,174.0	11,189.0	11,205.0	11,227.0	11,245.0	11,263.0	11,281.0	56,812.0	89,743.0

V12: Business Carbon Footprint
SPN
Price base (2012/13)

Emission		Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
			DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Buildings energy usage	Buildings - Electricity	tCO2e		1,858.70	1,150.54	1,507.55	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	**7,516.79**	**12,000.00**
	Buildings - Other fuels	tCO2e		144.67	74.48	90.73	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	**489.88**	**720.00**
	Substation Electricity	tCO2e		5,402.70	5,248.82	5,206.30	5,154.24	5,102.70	5,051.67	5,001.15	4,951.14	4,901.63	4,852.61	4,804.09	4,756.05	4,708.49	**26,114.76**	**39,026.83**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	Total	**tCO2e**		**7,406.07**	**6,473.85**	**6,804.58**	**6,744.24**	**6,692.70**	**6,641.67**	**6,591.15**	**6,541.14**	**6,491.63**	**6,442.61**	**6,394.09**	**6,346.05**	**6,298.49**	**34,121.43**	**51,746.83**
Operational Transport	Road	tCO2e		10,869.56	10,524.97	9,631.17	9,349.24	9,075.55	8,809.88	8,551.99	8,301.64	8,058.62	7,822.72	7,593.72	7,371.43	7,155.64	**49,450.50**	**63,665.66**
	Rail	tCO2e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**-**	**-**
	Sea	tCO2e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**-**	**-**
	Air	tCO2e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**-**	**-**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	Total	**tCO2e**		**10,869.56**	**10,524.97**	**9,631.17**	**9,349.24**	**9,075.55**	**8,809.88**	**8,551.99**	**8,301.64**	**8,058.62**	**7,822.72**	**7,593.72**	**7,371.43**	**7,155.64**	**49,450.50**	**63,665.66**
Business Transport	Road	tCO2e		2,714.84	1,950.48	1,400.45	1,359.45	1,319.65	1,281.02	1,243.52	1,207.12	1,171.79	1,137.48	1,104.19	1,071.86	1,040.49	**8,744.87**	**9,257.47**
	Rail	tCO2e		53.17	105.02	125.75	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00	**533.94**	**1,000.00**
	Sea	tCO2e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**-**	**-**
	Air	tCO2e		11.81	12.21	26.46	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	**102.49**	**208.00**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	Total	**tCO2e**		**2,779.83**	**2,067.71**	**1,552.66**	**1,510.45**	**1,470.65**	**1,432.02**	**1,394.52**	**1,358.12**	**1,322.79**	**1,288.48**	**1,255.19**	**1,222.86**	**1,191.49**	**9,381.30**	**10,465.47**
Fugitive Emissions	SF6	tCO2e		430.20	478.00	314.98	469.94	488.49	506.35	524.21	542.07	559.91	577.77	595.63	613.49	631.33	**2,181.60**	**4,550.75**
	Gases Other	tCO2e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**-**	**-**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	Total	**tCO2e**		**430.20**	**478.00**	**314.98**	**469.94**	**488.49**	**506.35**	**524.21**	**542.07**	**559.91**	**577.77**	**595.63**	**613.49**	**631.33**	**2,181.60**	**4,550.75**
Fuel Combustion	Diesel	tCO2e		2,695.79	1,941.22	4,341.72	4,214.62	4,091.25	3,971.48	3,855.22	3,742.37	3,632.82	3,526.47	3,423.24	3,323.03	3,225.75	**17,284.60**	**28,700.39**
	Gas Natural	tCO2e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**-**	**-**
	Fuels Other	tCO2e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**-**	**-**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
				-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
	Total	**tCO2e**		**2,695.79**	**1,941.22**	**4,341.72**	**4,214.62**	**4,091.25**	**3,971.48**	**3,855.22**	**3,742.37**	**3,632.82**	**3,526.47**	**3,423.24**	**3,323.03**	**3,225.75**	**17,284.60**	**28,700.39**
Total BCF (excl. losses)		**tCO2e**		**24,181.45**	**21,485.75**	**22,645.11**	**22,288.49**	**21,818.64**	**21,361.40**	**20,917.10**	**20,485.34**	**20,065.76**	**19,658.06**	**19,261.87**	**18,876.86**	**18,502.70**	**112,419.43**	**159,129.09**
Losses		**tCO2e**		736,912.08	659,789.39	675,935.11	676,396.90	682,116.31	688,679.79	694,574.96	694,605.41	695,019.10	695,557.89	696,302.79	700,563.69	704,623.78	**3,431,149.78**	**5,569,927.42**
TOTAL BCF (incl. losses)		**tCO2e**		**761,093.53**	**681,275.14**	**698,580.22**	**698,685.38**	**703,934.94**	**710,041.20**	**715,492.06**	**715,090.75**	**715,084.87**	**715,215.95**	**715,564.66**	**719,440.55**	**723,126.48**	**3,543,569.22**	**5,729,056.52**

V14: Registered Power Zone
SPN
Price base (2012/13)

No.	RPZ name	starting year
1		
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RPZ DG capacity (MW)

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
														-	-
														-	-
														-	-
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V15: Network Data
SPN
Price base (2012/13)

		Network data															
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
Asset	**Units**	DPCR4	DPCR5					RIIO-ED1								DPCR5	RIIO-ED1
Number of customers	#	2242957.00	2233288.00	2247823.00	2257968.00	2265645.09	2273178.36	2283578.15	2298821.04	2316751.84	2334822.50	2353034.12	2371387.79	2389884.61	2408525.71	**11,277,902.45**	**18,756,805.76**
Units distributed	GWh	22134.70	21696.31	20812.54	20992.54	20868.32	21050.87	21247.83	21384.48	21388.37	21402.06	21420.24	21470.21	21599.86	21725.04	**105,420.57**	**171,638.09**
Network-wide peak demand	Mva	4090.00	3976.00	4108.00	4107.00	4132.00	4164.00	4195.00	4201.00	4210.00	4220.00	4232.00	4273.00	4312.00	4352.00	**20,487.00**	**33,995.00**

V1b: Asset data Confidence - V1 Asset Register, CV3 Asset Replacement
SPN
Price base (2012/13)

V1 Asset Register

Additions		Total		V1 Asset Register	
Voltage	Name	2013/14	2022/23	Confidence Range 2013/14	Confidence Range 2022/23
LV	Overhead Pole Line	234,651.56	233,068.78	1%	1%
LV	Cable	1,715,837.62	1,810,949.78	5%	1%
LV	Switchgear	50,419.00	51,156.00	1%	1%
LV	Transformer	-	-	-	-
LV	Cut outs	2,275,203.00	2,384,803.00	1%	1%
LV	Protection	-	-	-	-
LV	Other	-	-	0%	0%
		-	-	-	-
HV	Overhead Pole Line	73,707.41	73,750.47	1%	1%
HV	Cable	12,137.30	12,764.62	1%	1%
HV	Switchgear	37,604.00	34,204.40	1%	1%
HV	Transformer	34,198.00	35,184.00	1%	1%
HV	Cut outs	-	-	-	-
HV	Protection	454.00	478.00	1%	1%
HV	Other	-	-	0%	0%
		-	-	-	-
EHV	Overhead Pole Line	14,188.29	14,178.70	5%	1%
EHV	Cable	1,366.75	1,502.76	1%	1%
EHV	Switchgear	1,484.00	1,528.00	5%	1%
EHV	Transformer	490.00	512.00	5%	1%
EHV	Cut outs	-	-	-	-
EHV	Protection	220.00	1,135.00	1%	1%
EHV	Other	-	-	0%	0%
		-	-	-	-
132kV	Overhead Pole Line	8,798.00	8,829.20	15%	1%
132kV	Cable	396.81	444.91	1%	1%
132kV	Switchgear	1,502.00	1,536.96	1%	1%
132kV	Transformer	189.00	192.00	10%	1%
132kV	Cut outs	-	-	-	-
132kV	Protection	220.00	293.00	1%	1%
132kV	Other	-	-	1%	1%
		-	-	-	-
Other	Overhead Pole Line	-	-	1%	1%
Other	Cable	-	-	5%	1%
Other	Switchgear	-	-	1%	1%
Other	Transformer	-	-	1%	1%
Other	Cut outs	-	-	-	-
Other	Protection	84.04	435.55	1%	1%
Other	Other	21.00	21.00	1%	1%

Confidence Range
Accurate to within +/-
1%
5%
10%
15%
20%
> 20%

OH	LV
UG	HV
Switchgear	EHV
Transforms	132kV
Cut outs	Other
Protection	
Other	

Other Assets

Asset	Name	Voltage	Units	V1 Asset Register Confidence Range	Confidence Range
Switchgear	Fuses (PM)	LV	Each	13,073.00	13,159.00	1%	1%
Switchgear	Fuses (GM) (TM)	LV	Each	62,670.00	64,764.00	5%	1%
Switchgear	Switching Points with Remote Control/Automatio	All	Each	3,802.00	8,242.00	20%	1%
Substation	Substation - GM Indoor	HV	Each	10,369.00	11,206.00	5%	1%
Substation	Substation - GM Outdoor	HV	Each	14,125.00	14,062.00	5%	1%
Substation	Substation - GM Third Party	HV	Each	60.00	303.00	1%	1%
Substation	Substations - GM	33 kV	Each	371.00	380.00	1%	1%
Substation	Substations - GM	66 kV	Each	-	-	0%	0%
Substation	Substations - GM	132kV	Each	74.00	74.00	1%	1%
Cable	UG Cable (Oil & Gas) - Decommissioned	33 kV	km	472.40	436.20	1%	1%
Cable	UG Cable (Oil & Gas) - Decommissioned	66 kV	km	-	-	0%	0%
Cable	UG Cable (Oil & Gas) - Decommissioned	132kV	km	271.64	237.34	1%	1%

CM4: Operational training including Workforce renewal
SPN
Price base (2012/13)

			Costs														
			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
			DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Net Costs																		
Workforce Renewal - Total				**4.1**	**4.8**	**3.9**	**4.2**	**5.4**	**6.0**	**4.9**	**4.3**	**4.1**	**3.7**	**3.9**	**4.0**	**3.8**	22.4	34.7
Non WFR operational training - Total				**1.1**	**0.5**	**0.9**	**1.0**	**0.5**	**0.9**	**1.0**	**0.5**	**0.9**	**1.0**	**0.5**	**0.9**	**1.0**	4.0	6.7
Learner costs																		
New recruits	Craftsperson	Classroom training		0.18	0.33	0.15	0.43	0.48	0.57	0.50	0.20	0.15	0.08	0.10	0.17	0.17	1.6	1.9
New recruits	Craftsperson	On the job training		1.12	0.94	0.70	0.50	0.50	0.65	0.34	0.21	0.12	0.09	0.16	0.19	0.19	3.8	2.0
New recruits	Engineers	Classroom training		0.12	0.12	0.05	0.33	0.35	0.36	0.29	0.26	0.26	0.26	0.26	0.26	0.26	1.0	2.2
New recruits	Engineers	On the job training		0.89	1.09	0.42	0.48	0.53	0.62	0.54	0.43	0.35	0.35	0.35	0.35	0.35	3.4	3.4
New recruits	Non-Engineering roles	Classroom training		0.00	-0.00	-	-	-	-	-	-	-	-	-	-	-	0.0	-
New recruits	Non-Engineering roles	On the job training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New recruits	**Total**			**2.31**	**2.49**	**1.31**	**1.74**	**1.85**	**2.19**	**1.67**	**1.10**	**0.88**	**0.79**	**0.88**	**0.97**	**0.97**	9.7	9.5
Up-skilling	Craftsperson	Classroom training		0.39	0.48	0.82	0.59	1.03	0.97	0.91	0.86	0.85	0.82	0.78	0.75	0.71	3.3	6.7
Up-skilling	Craftsperson	On the job training		-	-	-	0.03	0.34	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.4	1.6
Up-skilling	Engineers	Classroom training		0.09	0.16	0.32	0.58	0.68	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	1.8	5.1
Up-skilling	Engineers	On the job training		-	-	-	-	-	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	-	1.3
Up-skilling	Non-Engineering roles	Classroom training		0.01	0.06	0.09	0.01	0.03	0.09	0.01	0.03	0.09	0.01	0.03	0.09	0.01	0.2	0.4
Up-skilling	Non-Engineering roles	On the job training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Up-skilling	**Total**			**0.50**	**0.70**	**1.22**	**1.21**	**2.08**	**2.06**	**1.92**	**1.90**	**1.94**	**1.83**	**1.82**	**1.84**	**1.72**	5.7	15.0
Operational refreshers	Craftsperson	Classroom training		0.42	0.19	0.44	0.39	0.18	0.44	0.39	0.18	0.44	0.39	0.18	0.44	0.39	1.6	2.9
Operational refreshers	Craftsperson	On the job training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operational refreshers	Engineers	Classroom training		0.14	0.03	0.09	0.13	0.03	0.09	0.13	0.03	0.09	0.13	0.03	0.09	0.13	0.4	0.7
Operational refreshers	Engineers	On the job training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operational refreshers	Non-Engineering roles	Classroom training		0.02	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.0	0.1
Operational refreshers	Non-Engineering roles	On the job training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operational refreshers	**Total**			**0.58**	**0.23**	**0.53**	**0.54**	**0.22**	**0.53**	**0.54**	**0.22**	**0.53**	**0.54**	**0.22**	**0.53**	**0.54**	2.1	3.7
Total				**3.39**	**3.42**	**3.07**	**3.49**	**4.15**	**4.79**	**4.12**	**3.22**	**3.35**	**3.16**	**2.92**	**3.35**	**3.23**	17.5	28.1
Trainer and course material costs (classroom training)																		
New recruits				0.55	0.48	0.28	0.38	0.44	0.54	0.46	0.37	0.28	0.23	0.20	0.22	0.23	2.1	2.5
Up-skilling				0.25	0.55	0.48	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	2.1	3.2
Operational refreshers				0.40	0.20	0.19	0.37	0.19	0.19	0.37	0.19	0.19	0.37	0.19	0.19	0.37	1.4	2.1
Third party employees				0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.0	0.0
Total				**1.20**	**1.23**	**0.96**	**1.17**	**1.05**	**1.14**	**1.24**	**0.97**	**0.89**	**1.01**	**0.80**	**0.82**	**1.02**	5.6	7.9
Training Centre and training admin costs																		
New recruits				0.20	0.20	0.20	0.18	0.19	0.20	0.18	0.19	0.20	0.18	0.19	0.20	0.18	1.0	1.5
Up-skilling				0.13	0.18	0.24	0.12	0.18	0.24	0.12	0.18	0.24	0.12	0.18	0.24	0.12	0.9	1.4
Operational refreshers				0.09	0.05	0.14	0.09	0.05	0.14	0.09	0.05	0.14	0.09	0.05	0.14	0.09	0.4	0.8
Third party employees				0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.1	0.1
Total				**0.44**	**0.46**	**0.59**	**0.40**	**0.45**	**0.59**	**0.40**	**0.45**	**0.59**	**0.40**	**0.45**	**0.59**	**0.40**	2.3	3.9
Recruitment																		
New recruits				0.20	0.20	0.15	0.18	0.23	0.32	0.19	0.16	0.14	0.17	0.19	0.16	0.16	1.0	1.5
Total				0.20	0.20	0.15	0.18	0.23	0.32	0.19	0.16	0.14	0.17	0.19	0.16	0.16	1.0	1.5
Check - Disaggregated Net Costs to C1-Cost Matrix				OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

CM5: Operational Training (inc. Workforce renewal) non-Cost Data
SPN
Price base (2012/13)

			Headcount (HC)														
			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Numbers of employees undertaking operational training			DPCR4			DPCR5			RIIO-ED1									
New recruits - recruited in year	Craftspersons	HC		12	8	25	26	28	26	28	8	8	4	4	8	8	98	94
New recruits - recruited in year	Engineers	HC		21	25	14	11	12	12	10	8	8	8	8	8	8	83	70
New recruits - recruited in year	Non-Engineering roles	HC		4	3	1	6	6	6	6	6	6	6	6	6	6	19	46
New recruits - recruited in year	**Total**	HC		**36**	**36**	**40**	**43**	**46**	**44**	**44**	**22**	**22**	**18**	**18**	**22**	**22**	201	210
New recruits - recruited in previous years but stillUndergoing initial training programme	Craftspersons	HC		39	43	23	16	42	58	34	36	16	10	6	6	10	163	176
New recruits - recruited in previous years but stillUndergoing initial training programme	Engineers	HC		18	25	10	21	12	18	21	20	20	18	16	16	16	86	145
New recruits - recruited in previous years but stillUndergoing initial training programme	Non-Engineering roles	HC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New recruits - recruited in previous years but stillUndergoing initial training programme	**Total**	HC		**57**	**68**	**33**	**37**	**54**	**76**	**55**	**56**	**36**	**28**	**22**	**22**	**26**	249	321
Up-skilling	Craftspersons	HC		214	352	1,661	677	677	687	687	687	687	687	687	687	687	3,582	5,498
Up-skilling	Engineers	HC		127	88	500	219	220	220	220	220	220	220	220	220	220	1,154	1,763
Up-skilling	Non-Engineering roles	HC		1	17	241	83	83	83	83	83	83	83	83	83	83	425	667
Up-skilling	**Total**	HC		**342**	**457**	**2,402**	**980**	**981**	**991**	**991**	**991**	**991**	**991**	**991**	**991**	**991**	5,161	7,928
Up-skilling - Continuation of upskilling training from prior reporting period	Craftspersons	HC		-	-	-	2	2	12	12	12	12	12	12	12	12	4	96
Up-skilling - Continuation of upskilling training from prior reporting period	Engineers	HC		-	-	-	-	1	1	1	1	1	1	1	1	1	1	9
Up-skilling - Continuation of upskilling training from prior reporting period	Non-Engineering roles	HC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Up-skilling - Continuation of upskilling training from prior reporting period	**Total**	HC		**-**	**-**	**-**	**2**	**3**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	5	105
Operational refreshers	Craftspersons	HC		788	406	474	788	302	474	788	302	474	788	302	474	788	2,758	4,390
Operational refreshers	Engineers	HC		189	57	231	189	73	231	189	73	231	189	73	231	189	739	1,406
Operational refreshers	Non-Engineering roles	HC		36	12	87	36	19	87	36	19	87	36	19	87	36	190	408
Operational refreshers	**Total**	HC		**1,013**	**475**	**792**	**1,013**	**395**	**792**	**1,013**	**395**	**792**	**1,013**	**395**	**792**	**1,013**	3,688	6,205
Contractor Employees	Craftspersons	HC		60	44	199	60	44	199	60	44	199	60	44	199	60	406	864
Contractor Employees	Engineers	HC		32	26	66	32	26	66	32	26	66	32	26	66	32	183	347
Contractor Employees	Non-Engineering roles	HC		8	8	9	8	8	9	8	8	9	8	8	9	8	41	67
Contractor Employees	**Total**	HC		**100**	**78**	**274**	**100**	**78**	**274**	**100**	**78**	**274**	**100**	**78**	**274**	**100**	630	1,278
Total		HC		**1,548**	**1,114**	**3,541**	**2,175**	**1,556**	**2,189**	**2,215**	**1,554**	**2,129**	**2,163**	**1,516**	**2,115**	**2,165**	9,933	16,047
Classroom training days																		
New recruits - recruited in year	Craftspersons	days		401	365	622	1,382	1,476	1,382	1,476	416	416	228	228	416	416	4,245.5	4,978.0
New recruits - recruited in year	Engineers	days		153	89	242	1,162	1,278	1,278	1,046	814	814	814	814	814	814	2,923.3	7,208.0
New recruits - recruited in year	Non-Engineering roles	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New recruits - recruited in year	**Total**	days		**554.00**	**453.57**	**863.26**	**2,544.00**	**2,754.00**	**2,660.00**	**2,522.00**	**1,230.00**	**1,230.00**	**1,042.00**	**1,042.00**	**1,230.00**	**1,230.00**	7,168.8	12,186.0
New recruits - recruited in previous years but stillUndergoing initial training programme	Craftspersons	days		825	1,425	556	3,996	4,621	4,258	4,572	2,374	1,594	672	672	1,300	1,300	11,423.0	16,742.0
New recruits - recruited in previous years but stillUndergoing initial training programme	Engineers	days		466	207	64	974	1,062	1,062	885	708	708	708	708	708	708	2,773.0	6,195.0
New recruits - recruited in previous years but stillUndergoing initial training programme	Non-Engineering roles	days		4	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-
New recruits - recruited in previous years but stillUndergoing initial training programme	**Total**	days		**1,294.70**	**1,631.83**	**620.67**	**4,969.50**	**5,683.00**	**5,320.00**	**5,457.00**	**3,082.00**	**2,302.00**	**1,380.00**	**1,380.00**	**2,008.00**	**2,008.00**	14,199.7	22,937.0
Up-skilling	Craftspersons	days		1,750	1,811	3,180	2,412	3,076	2,261	2,322	3,692	2,923	3,587	2,772	2,834	3,692	12,229.6	24,083.2
Up-skilling	Engineers	days		340	346	898	524	403	374	397	949	575	454	425	448	949	2,510.5	4,571.3
Up-skilling	Non-Engineering roles	days		58	132	355	58	132	355	58	132	355	58	132	355	58	735.2	1,503.2
Up-skilling	**Total**	days		**2,148.00**	**2,289.28**	**4,433.10**	**2,994.10**	**3,610.90**	**2,990.24**	**2,777.46**	**4,772.60**	**3,853.38**	**4,099.08**	**3,329.74**	**3,636.74**	**4,698.45**	15,475.4	30,157.7
Operational refreshers	Craftspersons	days		1,675	646	1,306	1,675	648	1,306	1,675	648	1,306	1,675	648	1,306	1,675	5,951.2	10,240.5
Operational refreshers	Engineers	days		384	81	313	384	81	313	384	81	313	384	81	313	384	1,244.9	2,256.0
Operational refreshers	Non-Engineering roles	days		40	25	128	40	25	128	40	25	128	40	25	128	40	258.3	554.0
Operational refreshers	**Total**	days		**2,099.70**	**753.06**	**1,747.46**	**2,099.70**	**754.50**	**1,747.46**	**2,099.70**	**754.50**	**1,747.46**	**2,099.70**	**754.50**	**1,747.46**	**2,099.70**	7,454.4	13,050.5
Contractor Employees	Craftspersons	days		145	85	330	145	85	330	145	85	330	145	85	330	145	790.8	1,596.6
Contractor Employees	Engineers	days		77	45	110	77	45	110	77	45	110	77	45	110	77	354.0	650.0
Contractor Employees	Non-Engineering roles	days		20	12	16	20	12	16	20	12	16	20	12	16	20	79.1	130.3
Contractor Employees	**Total**	days		**242.00**	**142.19**	**455.48**	**242.00**	**142.19**	**455.48**	**242.00**	**142.19**	**455.48**	**242.00**	**142.19**	**455.48**	**242.00**	1,223.9	2,376.8
Total		days		**6,338.40**	**5,269.93**	**8,119.96**	**12,849.30**	**12,944.59**	**13,173.18**	**13,098.16**	**9,981.29**	**9,588.32**	**8,862.78**	**6,648.43**	**9,077.68**	**10,278.15**	45,522.2	80,708.0
On The Job Training Days																		
New recruits - recruited in year	Craftspersons	days		664	725	853	4,156	4,488	4,156	4,488	1,288	1,288	624	624	1,288	1,288	10,885.6	15,044.0
New recruits - recruited in year	Engineers	days		525	920	566	1,067	1,164	1,164	970	776	776	776	776	776	776	4,241.5	6,790.0
New recruits - recruited in year	Non-Engineering roles	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New recruits - recruited in year	**Total**	days		**1,189.00**	**1,644.33**	**1,418.78**	**5,223.00**	**5,652.00**	**5,320.00**	**5,458.00**	**2,064.00**	**2,064.00**	**1,400.00**	**1,400.00**	**2,064.00**	**2,064.00**	15,127.1	21,834.0
New recruits - recruited in previous years but stillUndergoing initial training programme	Craftspersons	days		6,649	5,267	3,616	1,755	3,260	2,984	3,096	2,312	1,814	606	606	830	830	20,546.1	13,078.0
New recruits - recruited in previous years but stillUndergoing initial training programme	Engineers	days		4,489	3,962	2,032	974	1,062	1,062	885	708	708	708	708	708	708	12,518.5	6,195.0
New recruits - recruited in previous years but stillUndergoing initial training programme	Non-Engineering roles	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New recruits - recruited in previous years but stillUndergoing initial training programme	**Total**	days		**11,138.00**	**9,228.73**	**5,647.46**	**2,728.50**	**4,322.00**	**4,046.00**	**3,981.00**	**3,020.00**	**2,522.00**	**1,314.00**	**1,314.00**	**1,538.00**	**1,538.00**	33,064.7	19,273.0
Up-skilling	Craftspersons	days		-	-	-	332	444	1,004	2,664	2,664	2,664	2,664	2,664	2,664	2,664	776.0	19,652.0
Up-skilling	Engineers	days		-	-	-	-	192	144	192	289	289	289	289	289	289	192.4	2,068.3
Up-skilling	Non-Engineering roles	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Up-skilling	**Total**	days		**-**	**-**	**-**	**332.00**	**636.40**	**1,148.30**	**2,856.40**	**2,952.60**	**2,952.60**	**2,952.60**	**2,952.60**	**2,952.60**	**2,952.60**	968.4	21,720.3
Operational refreshers	Craftspersons	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operational refreshers	Engineers	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operational refreshers	Non-Engineering roles	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operational refreshers	**Total**	days		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-	-
Contractor Employees	Craftspersons	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Employees	Engineers	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Employees	Non-Engineering roles	days		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Employees	**Total**	days		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-	-
Total		days		**12,327.00**	**10,873.06**	**7,066.24**	**8,283.50**	**10,610.40**	**10,514.30**	**12,295.40**	**8,036.60**	**7,538.60**	**5,666.60**	**5,666.60**	**6,554.60**	**6,554.60**	49,160.2	62,827.3
Recruitment																		
New recruits - recruited in year	Craftspersons	FTEs		-	8	25	26	28	26	28	8	8	4	4	8	8	86.8	94.0
New recruits - recruited in year	Engineers	FTEs		-	8	14	11	12	12	10	8	8	8	8	8	8	45.8	70.0
New recruits - recruited in year	Non-Engineering roles	FTEs		-	3	1	6	6	6	6	6	6	6	6	6	6	15.7	46.4
New recruits - recruited in year	**Total**	FTEs		-	19.45	40.22	42.79	45.79	43.79	43.79	21.79	21.79	17.79	17.79	21.79	21.79	148.3	210.4
Up-skilling																		
Up-skilling	Craftspersons	FTEs		-	348	582	643	643	653	653	653	653	653	653	653	653	2,216.9	5,223.3
Up-skilling	Engineers	FTEs		-	87	296	208	209	209	209	209	209	209	209	209	209	800.5	1,674.8
Up-skilling	Non-Engineering roles	FTEs		-	17	173	79	79	79	79	79	79	79	79	79	79	348.3	633.8
Up-skilling	**Total**	FTEs		-	452.43	1,050.61	930.96	931.72	941.03	941.22	941.60	941.60	941.60	941.60	941.60	941.60	3,365.7	7,531.9
Leavers																		
Leavers - due to Retirement	Craftspersons	FTEs		7	18	11	15	6	8	7	5	4	6	4	9	7	57.2	50.0
Leavers - due to Retirement	Engineers	FTEs		-	2	6	6	3	5	2	3	5	5	5	8	2	16.8	35.0
Leavers - due to Retirement	Non-Engineering roles	FTEs		3	1	3	4	1	3	3	5	4	2	5	6	10	12.0	38.0
Leavers - due to Retirement	**Total**	FTEs		**9.55**	**20.98**	**20.42**	**25.00**	**10.00**	**16.00**	**12.00**	**13.00**	**13.00**	**13.00**	**14.00**	**23.00**	**19.00**	86.0	123.0
Leavers due to other reasons than retirement	Craftspersons	FTEs		14	21	11	19	21	19	21	20	19	18	18	18	18	87.1	151.5
Leavers due to other reasons than retirement	Engineers	FTEs		10	32	9	8	8	8	8	8	7	7	7	7	7	67.0	60.3
Leavers due to other reasons than retirement	Non-Engineering roles	FTEs		16	15	18	20	22	20	22	21	19	19	18	19	19	91.6	157.0
Leavers due to other reasons than retirement	**Total**	FTEs		**40.59**	**68.18**	**38.59**	**46.46**	**51.85**	**47.18**	**51.01**	**49.84**	**45.50**	**43.57**	**43.22**	**44.94**	**43.54**	245.7	368.8
Total		FTEs		**50.14**	**89.17**	**59.00**	**71.46**	**61.85**	**63.18**	**63.01**	**62.84**	**58.50**	**56.57**	**57.22**	**67.94**	**62.54**	331.6	491.8

Assumptions within DNO's operation training forecasts			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Average retirement age		Years		65.31	63.66	62.70	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00		
Impact of new technology (number of additional recruits)		#		-	-	-	-	-	-	2	1	1	3	3	3	7		
Impact of smart meters (number of additional recruits)		#		-	-	-	6.00	6.00	6.00	6.00	-	-	-	-	-	-		
Natural wastage		Percentage		0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		

CM9: Distributed Generation
SPN
Price base (2012/13)

All DG	
Use of system capex for DG	LV
Use of system capex for DG	HV
Use of system capex for DG	EHV
Use of system capex for DG	132kV
Use of system capex for DG	**Total**
Shared connection capex for DG	LV
Shared connection capex for DG	HV
Shared connection capex for DG	EHV
Shared connection capex for DG	132kV
Shared connection capex for DG	**Total**
Sole use connection capex for DG	LV
Sole use connection capex for DG	HV
Sole use connection capex for DG	EHV
Sole use connection capex for DG	132kV
Sole use connection capex for DG	**Total**
Total DG Capex	
DG network unavailability rebate payment	
Operation & maintenance costs for DG	
Total DG	

Activity Volumes

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
DPCR4	DPCR5					RIIO-ED1								#	#

Total Direct Costs

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CM14: Non Operational Property Management
SPN
Price base (2012/13)

2011

Property Name/Address	Sum of all properties less than £0.5m	Atlantic House, Hazelwick Avenue, Three Bridges, Crawley, RH10 1QQ	Bury St Edmonds, Barton Road, Bury St Edmonds, Suffolk, IP32 7BG	Fore Hamlet, Ipswich, Suffolk, IP3 8AQ	Bidder Street, 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar, Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone, Bircholt Road, Parkwood, Maidstone, Kent, ME15 9XH	Newington House	Energy House, Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	-	-	Total
		Key non-operational buildings										
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		LH	FH	FH	LH	LH	FH	LH	LH	-	-	
Owned by		Trustees of F.D.Fenston	UKPN Owned	EDF Energy Owned	National Grid (£5 Actual 'Peppercorn' Rent per Annum)	Metropolitan Lothian Ltd.	Previously EDF Energy Owned (Until 31st October)	Newington House Ltd	Friends Provident Life & Pensions	-	-	
Owned by DNO/PES at privatisation (Y/N)		N	Networks Branch	Y	N	N	N	N	N	-	-	
Is owner a related party of DNO (Y/N)		N	Y	Y	Y	N	Y	Y	N	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
If owned by a related party, do they occupy part of the building?		-	-	-	-	-	-	-	-	-	-	-
Square feet (gross utilised by the DNO)	520,627.88	20,945.23	38,580.87	26,029.29	29,424.78	23,406.42	48,896.45	24,696.07	31,736.00	-	-	764,343.0
Square feet (Usable Office Space utilised by the DNO)	451,530.00	20,093.11	38,304.91	26,029.29	29,424.78	23,406.42	48,896.45	19,070.74	26,066.53	-	-	682,822.2
Square feet utilised by related party where owned and part occupied	-	-	-	-	-	-	-	-	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Annual Lease/Rent costs	7.97	0.27	-	0.11	0.15	0.12	0.23	0.83	0.46	-	-	10.1
Are following services included in Lease/Rental costs												
Rates (Y/N)		N	N	N	N	N	N	N	N	-	-	
Postage (Y/N)		N	N	N	N	N	N	N	N	-	-	
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		-	-	-	-	-	-	-	-	-	-	
Other Costs (specify)		-	-	-	-	-	-	-	-	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		-	-	-	-	-	-	-	-	-	-	
Other Costs (specify)		-	-	-	-	-	-	-	-	-	-	
Other costs												
Rates	0.56	0.09	-	-	-	0.08	-	0.05	0.04	-	-	0.8
Property insurance	0.06	0.01	-	-	-	0.01	-	-	0.00	-	-	0.1
Depreciation	-	-	-	-	-	-	-	-	0.00	-	-	0.0
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (Leasehold Service Charges Passed On To Occupier)	0.13	-	-	-	-	0.09	-	-	0.00	-	-	0.2
Other Costs (Facilities Management - Hard Costs)	5.01	0.29	0.47	0.65	0.32	0.09	0.36	0.11	0.22	-	-	7.5
Other Costs (Facilities Management - Soft Services)	4.68	0.34	0.44	0.39	0.36	0.20	0.43	0.08	0.25	-	-	7.2
Other Costs (Facilities Management - Share Of Central Management)	1.02	0.06	0.50	0.19	0.12	0.08	0.13	0.05	0.05	-	-	2.2
Total Costs by Property	19.4	1.0	1.4	1.3	1.0	0.7	1.1	1.1	1.0	-	-	28.1
Allocation of Property Costs												
DNO1 (EPN)	7.61	0.59	1.29	0.54	-	0.35	-	0.55	0.45	-	-	11.4
DNO2 (LPN)	6.78	0.37	0.12	0.42	0.96	0.16	-	0.35	0.29	-	-	9.4
DNO3 (SPN)	5.60	0.37	-	0.38	-	0.14	1.18	0.35	0.29	-	-	8.3
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	20.0	1.3	1.4	1.3	1.0	0.7	1.2	1.2	1.0	-	-	29.1
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2012

Property Name/Address	Sum of all properties less than £0.5m	Atlantic House, Hazelwick Avenue, Three Bridges, Crawley, RH10 1QQ	Bury St Edmonds, Barton Road, Bury St Edmonds, Suffolk, IP32 7BG	Fore Hamlet, Ipswich, Suffolk, IP3 8AQ	Bidder Street, 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar, Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone, Bircholt Road, Parkwood, Maidstone, Kent, ME15 9XH	Newington House	Energy House, Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	-	-	Total
		Key non-operational buildings										
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		LH	FH	FH	LH	LH	FH	LH	LH	-	-	
Owned by		-	UKPN Owned	Eastern Power Networks PLC	National Grid (£5 Actual 'Peppercorn' Rent per Annum)	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Newington House Ltd	Friends Provident Life & Pensions	-	-	
Owned by DNO/PES at privatisation (Y/N)		N	Y	Y	N	N	Y	N	N	-	-	
Is owner a related party of DNO (Y/N)		N	Y	Y	Y	N	Y	Y	N	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
If owned by a related party, do they occupy part of the building?		-	-	-	-	-	-	-	-	-	-	-
Square feet (gross utilised by the DNO)	235,202.00	-	38,580.87	26,029.29	29,424.78	23,406.42	48,896.45	19,074.00	26,066.53	-	-	446,680.3
Square feet (Usable Office Space utilised by the DNO)	235,202.00	-	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	12,716.00	6,482.67	-	-	397,061.4
Square feet utilised by related party where owned and part occupied	-	-	-	-	-	-	-	-	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Annual Lease/Rent costs	7.40	-	-	-	0.11	0.32	0.16	0.88	0.43	-	-	9.3
Are following services included in Lease/Rental costs												
Rates (Y/N)		N	N	N	N	N	N	N	N	-	-	
Postage (Y/N)		N	N	N	N	N	N	N	N	-	-	
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		-	-	-	-	-	-	-	-	-	-	
Other Costs (specify)		-	-	-	-	-	-	-	-	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		-	-	-	-	-	-	-	-	-	-	
Other Costs (specify)		-	-	-	-	-	-	-	-	-	-	
Other costs												
Rates	0.99	-	0.20	0.36	0.11	0.05	0.12	0.18	0.13	-	-	2.1
Property insurance	0.02	-	0.01	-	-	0.01	-	0.01	0.01	-	-	0.1
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (Leasehold Service Charges Passed On To Occupier)	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (Facilities Management - Hard Costs)	2.51	-	0.22	0.19	0.14	0.06	0.14	0.22	0.08	-	-	3.6
Other Costs (Facilities Management - Soft Services)	5.01	-	0.31	0.30	0.21	0.16	0.22	0.30	0.34	-	-	6.9
Other Costs (Facilities Management - Share Of Central Management)Total Costs by Property	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs by Property	15.9	-	0.7	0.9	0.6	0.6	0.6	1.6	1.0	-	-	21.9
Allocation of Property Costs												
DNO1 (EPN)	6.06	-	0.67	0.34	-	0.32	-	0.70	0.43	-	-	8.5
DNO2 (LPN)	5.40	-	0.06	0.26	0.58	0.15	-	0.44	0.28	-	-	7.2
DNO3 (SPN)	4.46	-	-	0.24	-	0.13	0.65	0.44	0.28	-	-	6.2
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	15.9	-	0.7	0.9	0.6	0.6	0.6	1.6	1.0	-	-	21.9
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2013

Property Name/Address	Sum of all properties less than £0.5m	Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Newington House : 237 Southwark Bridge Road, London, SE1 6NP	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Darenth House : 84 & 88 Main Road, Sundridge, Kent TN14 6ER	-	-	Total
		Key non-operational buildings										
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Newington House Ltd.	Friends Provident Life & Pensions	Barclays Wealth Trustees	-	-	
Owned by DNO/PES at privatisation (Y/N)		Networks Branch	Y	N	N	Y	N	N	N	-	-	
Is owner a related party of DNO (Y/N)		Y	Y	Y	N	Y	N	N	N	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	n/a	n/a	n/a	-	-	-
Square feet (gross utilised by the DNO)	235,202.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	19,074.00	26,066.53	17,202.00	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	235,202.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	12,716.00	25,968.00	15,128.00	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Annual Lease/Rent costs	2.12	-	-	0.11	0.44	0.16	0.65	0.47	0.32	-	-	4.3
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	

Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	0.02	0.01	0.06	-	-	0.1
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (Waste)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (Utilities)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (Hard Services)	2.42	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.5
Other Costs (Soft Services)	3.55	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	6.1
Total Costs by Property	10.1	0.8	1.1	0.7	0.8	0.8	1.5	1.4	0.6	-	-	17.8
Allocation of Property Costs												
DNO1 (Eastern Power Networks - EPN)	3.38	0.69	0.43	-	0.45	-	0.64	0.60	0.16	-	-	6.3
DNO2 (London Power Networks - LPN)	3.73	0.06	0.33	0.73	0.21	-	0.41	0.38	0.31	-	-	6.2
DNO3 (Southern Power Networks - SPN)	3.02	-	0.31	-	0.19	0.81	0.41	0.38	0.16	-	-	5.3
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	10.1	0.8	1.1	0.7	0.8	0.8	1.5	1.4	0.6	-	-	17.8
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2014

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name/Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Newington House : 237 Southwark Bridge Road, London, SE1 6NP	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Darenth House : 84 & 88 Main Road, Sundridge, Kent TN14 6ER	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Newington House Ltd.	Friends Provident Life & Pensions	Barclays Wealth Trustees	-	-	
Owned by DNO/PES at privatisation (Y/N)		Networks Branch	Y	N	N	Y	N	N	N	-	-	
Is owner a related party of DNO (Y/N)		Y	Y	Y	N	Y	N	N	N	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	n/a	n/a	n/a	-	-	-
Square feet (gross utilised by the DNO)	235,202.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	19,074.00	26,066.53	17,202.00	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	235,202.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	12,716.00	25,968.00	15,128.00	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease/Rent costs	2.47	-	-	0.11	0.44	0.16	0.65	0.47	0.32	-	-	4.6
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	0.02	0.01	0.06	-	-	0.1
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.47	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.5
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.3	0.8	1.1	0.7	0.8	0.8	1.5	1.4	0.6	-	-	16.9
Allocation of Property Costs												
DNO1 (specify)	2.81	0.69	0.43	-	0.45	-	0.64	0.60	0.16	-	-	5.8
DNO2 (specify)	3.54	0.06	0.33	0.73	0.21	-	0.41	0.38	0.31	-	-	6.0
DNO3 (specify)	2.91	-	0.31	-	0.19	0.81	0.41	0.38	0.16	-	-	5.2
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.3	0.8	1.1	0.7	0.8	0.8	1.5	1.4	0.6	-	-	16.9
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2015

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name/Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Newington House : 237 Southwark Bridge Road, London, SE1 6NP	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Darenth House : 84 & 88 Main Road, Sundridge, Kent TN14 6ER	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Newington House Ltd.	Friends Provident Life & Pensions	Barclays Wealth Trustees	-	-	
Owned by DNO/PES at privatisation (Y/N)		Networks Branch	Y	N	N	Y	N	N	N	-	-	
Is owner a related party of DNO (Y/N)		Y	Y	Y	N	Y	N	N	N	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	n/a	n/a	n/a	-	-	-
Square feet (gross utilised by the DNO)	235,202.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	19,074.00	26,066.53	17,202.00	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	235,202.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	12,716.00	25,968.00	15,128.00	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease/Rent costs	2.36	-	-	0.11	0.44	0.16	0.65	0.47	0.32	-	-	4.5
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	0.02	0.01	0.06	-	-	0.1
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.53	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.6
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.2	0.8	1.1	0.7	0.8	0.8	1.5	1.4	0.6	-	-	16.9
Allocation of Property Costs												
DNO1 (specify)	2.79	0.69	0.43	-	0.45	-	0.64	0.60	0.16	-	-	5.8
DNO2 (specify)	3.52	0.06	0.33	0.73	0.21	-	0.41	0.38	0.31	-	-	6.0
DNO3 (specify)	2.90	-	0.31	-	0.19	0.81	0.41	0.38	0.16	-	-	5.2
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.2	0.8	1.1	0.7	0.8	0.8	1.5	1.4	0.6	-	-	16.9
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2016

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name/Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Newington House : 237 Southwark Bridge Road, London, SE1 6NP	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Darenth House : 84 & 88 Main Road, Sundridge, Kent TN14 6ER	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Newington House Ltd.	Friends Provident Life & Pensions	Barclays Wealth Trustees	-	-	
Owned by DNO/PES at privatisation (Y/N)		Networks Branch	Y	N	N	Y	N	N	N	-	-	
Is owner a related party of DNO (Y/N)		Y	Y	Y	N	Y	N	N	N	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	n/a	n/a	n/a	-	-	-
Square feet (gross utilised by the DNO)	235,202.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	19,074.00	26,066.53	17,202.00	-	-	463,881.4

Square feet (Usable Office Space utilised by the DNO)	235,202.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	12,716.00	25,968.00	15,128.00	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease/Rent costs	2.36	-	-	0.11	0.44	0.16	0.65	0.47	0.32	-	-	4.5
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	0.02	0.01	0.06	-	-	0.1
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
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Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.2	0.8	1.1	0.7	0.8	0.8	1.5	1.4	0.6	-	-	16.9
Allocation of Property Costs												
DNO1 (specify)	2.79	0.69	0.43	-	0.45	-	0.64	0.60	0.16	-	-	5.8
DNO2 (specify)	3.52	0.06	0.33	0.73	0.21	-	0.41	0.38	0.31	-	-	6.0
DNO3 (specify)	2.90	-	0.31	-	0.19	0.81	0.41	0.38	0.16	-	-	5.2
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.2	0.8	1.1	0.7	0.8	0.8	1.5	1.4	0.6	-	-	16.9
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2017

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name/Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Projected (New) Building	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Projected (New) Building	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Unknown	Friends Provident Life & Pensions	Unknown	-	-	
Owned by DNO/PES at privatisation (Y/N)		Networks Branch	Y	N	N	Y	-	N	-	-	-	
Is owner a related party of DNO (Y/N)		Y	Y	Y	N	Y	-	N	-	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	-	n/a	-	-	-	-
Square feet (gross utilised by the DNO)	271,478.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	-	26,066.53	-	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	263,046.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	-	25,968.00	-	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease/Rent costs	2.66	-	-	0.11	0.44	0.16	-	0.47	-	-	-	3.8
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	-	0.01	-	-	-	0.0
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.50	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.6
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Allocation of Property Costs												
DNO1 (specify)	2.88	0.69	0.43	-	0.45	-	0.35	0.60	0.06	-	-	5.5
DNO2 (specify)	3.66	0.06	0.33	0.73	0.21	-	0.22	0.38	0.12	-	-	5.7
DNO3 (specify)	2.94	-	0.31	-	0.19	0.81	0.22	0.38	0.06	-	-	4.9
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2018

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name/Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Projected (New) Building	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Projected (New) Building	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Unknown	Friends Provident Life & Pensions	Unknown	-	-	
Owned by DNO/PES at privatisation (Y/N)		Networks Branch	Y	N	N	Y	-	N	-	-	-	
Is owner a related party of DNO (Y/N)		Y	Y	Y	N	Y	-	N	-	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	-	n/a	-	-	-	-
Square feet (gross utilised by the DNO)	271,478.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	-	26,066.53	-	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	263,046.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	-	25,968.00	-	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease/Rent costs	2.66	-	-	0.11	0.44	0.16	-	0.47	-	-	-	3.8
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	-	0.01	-	-	-	0.0
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.50	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.6
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Allocation of Property Costs												
DNO1 (specify)	2.88	0.69	0.43	-	0.45	-	0.35	0.60	0.06	-	-	5.5
DNO2 (specify)	3.66	0.06	0.33	0.73	0.21	-	0.22	0.38	0.12	-	-	5.7
DNO3 (specify)	2.94	-	0.31	-	0.19	0.81	0.22	0.38	0.06	-	-	4.9
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1

Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2019

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name / Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Projected (New) Building	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Projected (New) Building	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Unknown	Friends Provident Life & Pensions	Unknown	-	-	
Owned by DNO / PES at privatisation (Y / N)		Networks Branch	Y	N	N	Y	-	N	-	-	-	
Is owner a related party of DNO (Y / N)		Y	Y	Y	N	Y	-	N	-	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	-	n/a	-	-	-	-
Square feet (gross utilised by the DNO)	271,478.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	-	26,066.53	-	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	263,046.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	-	25,968.00	-	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease / Rent costs	2.66	-	-	0.11	0.44	0.16	-	0.47	-	-	-	3.8
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	-	0.01	-	-	-	0.0
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.50	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.6
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Allocation of Property Costs												
DNO1 (specify)	2.88	0.69	0.43	-	0.45	-	0.35	0.60	0.06	-	-	5.5
DNO2 (specify)	3.66	0.06	0.33	0.73	0.21	-	0.22	0.38	0.12	-	-	5.7
DNO3 (specify)	2.94	-	0.31	-	0.19	0.81	0.22	0.38	0.06	-	-	4.9
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2020

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name / Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Projected (New) Building	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Projected (New) Building	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Unknown	Friends Provident Life & Pensions	Unknown	-	-	
Owned by DNO / PES at privatisation (Y / N)		Networks Branch	Y	N	N	Y	-	N	-	-	-	
Is owner a related party of DNO (Y / N)		Y	Y	Y	N	Y	-	N	-	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	-	n/a	-	-	-	-
Square feet (gross utilised by the DNO)	271,478.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	-	26,066.53	-	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	263,046.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	-	25,968.00	-	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease / Rent costs	2.66	-	-	0.11	0.44	0.16	-	0.47	-	-	-	3.8
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	-	0.01	-	-	-	0.0
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.50	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.6
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Allocation of Property Costs												
DNO1 (specify)	2.88	0.69	0.43	-	0.45	-	0.35	0.60	0.06	-	-	5.5
DNO2 (specify)	3.66	0.06	0.33	0.73	0.21	-	0.22	0.38	0.12	-	-	5.7
DNO3 (specify)	2.94	-	0.31	-	0.19	0.81	0.22	0.38	0.06	-	-	4.9
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2021

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name / Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Projected (New) Building	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QQ	Projected (New) Building	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Unknown	Friends Provident Life & Pensions	Unknown	-	-	
Owned by DNO / PES at privatisation (Y / N)		Networks Branch	Y	N	N	Y	-	N	-	-	-	
Is owner a related party of DNO (Y / N)		Y	Y	Y	N	Y	-	N	-	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	-	n/a	-	-	-	-
Square feet (gross utilised by the DNO)	271,478.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	-	26,066.53	-	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	263,046.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	-	25,968.00	-	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease / Rent costs	2.66	-	-	0.11	0.44	0.16	-	0.47	-	-	-	3.8
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
		n/a	n/a	N	N	n/a	N	N	N	-	-	
		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	

Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	-	0.01	-	-	-	0.0
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.50	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.6
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Allocation of Property Costs												
DNO1 (specify)	2.88	0.69	0.43	-	0.45	-	0.35	0.60	0.06	-	-	5.5
DNO2 (specify)	3.66	0.06	0.33	0.73	0.21	-	0.22	0.38	0.12	-	-	5.7
DNO3 (specify)	2.94	-	0.31	-	0.19	0.81	0.22	0.38	0.06	-	-	4.9
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2022

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name / Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Projected (New) Building	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QO	Projected (New) Building	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Unknown	Friends Provident Life & Pensions	Unknown	-	-	
Owned by DNO / PES at privatisation (Y / N)		Networks Branch	Y	N	N	Y	-	N	-	-	-	
Is owner a related party of DNO (Y / N)		Y	Y	Y	N	Y	-	N	-	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	-	n/a	-	-	-	-
Square feet (gross utilised by the DNO)	271,478.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	-	26,066.53	-	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	263,046.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	-	25,968.00	-	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease / Rent costs	2.66	-	-	0.11	0.44	0.16	-	0.47	-	-	-	3.8
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	-	0.01	-	-	-	0.0
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.50	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.6
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Allocation of Property Costs												
DNO1 (specify)	2.88	0.69	0.43	-	0.45	-	0.35	0.60	0.06	-	-	5.5
DNO2 (specify)	3.66	0.06	0.33	0.73	0.21	-	0.22	0.38	0.12	-	-	5.7
DNO3 (specify)	2.94	-	0.31	-	0.19	0.81	0.22	0.38	0.06	-	-	4.9
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

2023

	Sum of all properties less than £0.5m	Key non-operational buildings										
Property Name / Address		Bury St Edmunds : Barton Road, Bury St Edmunds, Suffolk, IP32 7BG	Fore Hamlet : Ipswich, Suffolk, IP3 8AQ	Bidder Street : 161 Bidder Street, West Ham, London, E16 4ET	Potters Bar : Metropolitan House, Darkes Lane, Potters Bar, Herts, EN16 1AG	Maidstone : Bircholt Road, Maidstone, Kent ME15 9XH	Projected (New) Building	Energy House : Hazelwick Avenue, Three Bridges, Crawley, West Sussex, RH10 1QO	Projected (New) Building	-	-	Total
Freehold(FH) /Leasehold(LH) /Lease-Rent from Related Party(RPL)		FH	FH	LH	LH	FH	LH	LH	LH	-	-	
Owned by		UKPN Owned	UKPN Owned	National Grid (£5 per annum actual "Peppercorn" Rent. UK Power Networks (Souh East) Ltd	Metropolitan Lothian Ltd.	UK Power Networks (South East) Ltd.	Unknown	Friends Provident Life & Pensions	Unknown	-	-	
Owned by DNO / PES at privatisation (Y / N)		Networks Branch	Y	N	N	Y	-	N	-	-	-	
Is owner a related party of DNO (Y / N)		Y	Y	Y	N	Y	-	N	-	-	-	
date ownership transferred to the related party		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	
Valuation at transfer		n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
If owned by a related party, do they occupy part of the building?		n/a	n/a	N	n/a	n/a	-	n/a	-	-	-	-
Square feet (gross utilised by the DNO)	271,478.00	38,580.97	26,029.29	29,424.78	23,405.42	48,896.45	-	26,066.53	-	-	-	463,881.4
Square feet (Usable Office Space utilised by the DNO)	263,046.00	33,377.01	24,212.76	23,331.56	15,519.49	46,219.88	-	25,968.00	-	-	-	431,674.7
Square feet utilised by related party where owned and part occupied	-	n/a	n/a	n/a	n/a	n/a	-	n/a	-	-	-	-
	£m	£m	£m	£m	£m	£m	£m	£m	£m		£m	£m
Annual Lease / Rent costs	2.66	-	-	0.11	0.44	0.16	-	0.47	-	-	-	3.8
Are following services included in Lease/Rental costs												
Rates (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Postage (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Reprographics (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Repairs and Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Grounds Maintenance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Green Travel (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Catering (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Cleaning (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Security, Reception & Porters (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Property insurance (Y/N)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Other Costs (specify)		n/a	n/a	N	N	n/a	N	N	N	-	-	
Labour Costs		-	-	-	-	-	-	-	-	-	-	-
Pension Costs		-	-	-	-	-	-	-	-	-	-	-
Are following services included in Labour/Pension costs												
Reprographics (Y/N)		N	N	N	N	N	N	N	N	-	-	
Repairs and Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Grounds Maintenance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Green Travel (Y/N)		N	N	N	N	N	N	N	N	-	-	
Catering (Y/N)		N	N	N	N	N	N	N	N	-	-	
Cleaning (Y/N)		N	N	N	N	N	N	N	N	-	-	
Security, Reception & Porters (Y/N)		N	N	N	N	N	N	N	N	-	-	
Property insurance (Y/N)		N	N	N	N	N	N	N	N	-	-	
Depreciation		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other Costs (specify)		N	N	N	N	N	N	N	N	-	-	
Other costs												
Rates	-	-	-	-	0.13	o	0.24	0.15	0.12	-	-	0.6
Property insurance	0.01	-	-	-	-	-	-	0.01	-	-	-	0.0
Depreciation	-	-	-	-	-	-	-	-	-	-	-	-
Profit and loss on fixed assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs (specify)	0.38	0.05	0.03	0.05	0.01	0.03	0.02	-	0.01	-	-	0.6
Other Costs (specify)	1.65	0.15	0.33	0.09	0.08	0.10	0.10	0.10	0.03	-	-	2.6
Other Costs (specify)	2.50	0.17	0.26	0.16	0.04	0.13	0.15	0.11	0.03	-	-	3.6
Other Costs (specify)	2.28	0.39	0.45	0.32	0.15	0.38	0.30	0.52	0.04	-	-	4.8
Total Costs by Property	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Allocation of Property Costs												
DNO1 (specify)	2.88	0.69	0.43	-	0.45	-	0.35	0.60	0.06	-	-	5.5
DNO2 (specify)	3.66	0.06	0.33	0.73	0.21	-	0.22	0.38	0.12	-	-	5.7
DNO3 (specify)	2.94	-	0.31	-	0.19	0.81	0.22	0.38	0.06	-	-	4.9
Other (transmission)	-	-	-	-	-	-	-	-	-	-	-	-
Other - Charge passed to DNO	-	-	-	-	-	-	-	-	-	-	-	-
DNO1 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO2 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
DNO3 (specify)	-	-	-	-	-	-	-	-	-	-	-	-
Other Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Other - no charge to DNO	-	-	-	-	-	-	-	-	-	-	-	-
Total allocation of Property Costs	9.5	0.8	1.1	0.7	0.8	0.8	0.8	1.4	0.2	-	-	16.1
Check - Allocation to Total Costs	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

CM15a: Streetworks (ex ante costs)
SPN
Price base (2012/13)
Enter streetworks costs which are included in ex ante forecasts i.e. ongoing streetworks costs and costs associated with permit schemes which have already been inplemented by Highways Authorities (HAs) (as at 1 July 2013)

Activity Volumes

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4			DPCR5						RIIO-ED1					#	#
Permits, Notifications, Inspections and Penalties (ALL PAID INITIALLY BY THE DNO)																	
Permits	Connection project which has no element subject to the apportionment rules		711	1,693	1,528	3,926	3,680	3,445	3,355	3,266	3,269	3,280	3,291	3,301	3,312	**11,538**	**26,519**
Permits	Connection project which has an element subject to the apportionment rules		182	1	81	74	72	71	69	68	66	67	67	68	68	**409**	**545**
Permits	Network Investment		319	363	236	265	101	187	264	205	63	75	114	140	195	**1,284**	**1,242**
Permits	Network Operating Costs associated with planned and capital work		-	257	115	20	19	29	29	29	29	29	29	29	29	**411**	**231**
Permits	Network Operating Costs associated with unplanned fault work		1,379	1,503	1,427	2,162	2,167	2,172	2,177	2,182	2,187	2,192	2,197	2,202	2,207	**8,638**	**17,516**
Permits	**Total**		**2,591.0**	**3,816.6**	**3,387.0**	**6,446.6**	**6,039.6**	**5,903.2**	**5,893.4**	**5,749.7**	**5,615.0**	**5,642.1**	**5,697.8**	**5,740.3**	**5,811.3**	**22,281**	**46,053**
Permitting Penalties	Connection project which has no element subject to the apportionment rules		-	43	32	83	78	72	70	68	67	67	67	67	66	**236**	**545**
Permitting Penalties	Connection project which has an element subject to the apportionment rules		-	-	2	2	2	1	1	1	1	1	1	1	1	**5**	**11**
Permitting Penalties	Network Investment		-	-	2	2	1	2	2	2	1	1	1	1	2	**5**	**10**
Permitting Penalties	Network Operating Costs associated with planned and capital work		-	4	1	0	0	0	0	0	0	0	0	0	0	**6**	**2**
Permitting Penalties	Network Operating Costs associated with unplanned fault work		1	42	62	94	94	94	93	93	93	92	92	91	91	**293**	**740**
Permitting Penalties	**Total**		**1.0**	**89.0**	**99.0**	**180.9**	**174.5**	**169.4**	**167.3**	**164.1**	**162.1**	**161.6**	**161.3**	**161.0**	**160.8**	**544**	**1,308**
Notifications	Connection project		11,964	24,105	18,226	46,815	43,882	41,078	40,004	38,951	38,987	39,113	39,240	39,368	39,497	**144,992**	**316,237**
Notifications	Network Investment		1,838	2,013	1,845	2,071	793	1,459	2,061	1,600	496	583	892	1,093	1,524	**8,560**	**9,709**
Notifications	Network Operating Costs associated with planned and capital work		-	1,643	1,008	175	168	254	254	254	254	254	254	254	250	**2,995**	**2,027**
Notifications	Network Operating Costs associated with unplanned fault work		19,326	15,353	17,569	26,622	26,679	26,744	26,801	26,862	26,924	26,985	27,046	27,114	27,175	**105,549**	**215,651**
Notifications	**Total**		**33,127.7**	**43,114.0**	**38,648.0**	**75,682.5**	**71,522.6**	**69,534.3**	**69,120.1**	**67,667.5**	**66,660.7**	**66,934.2**	**67,431.3**	**67,829.2**	**68,446.6**	**262,095**	**543,624**
Notification penalties	Connection project		25	30	131	336	315	293	284	275	273	272	271	271	270	**838**	**2,209**
Notification penalties	Network Investment		3	1	25	28	11	20	28	21	7	8	12	14	20	**68**	**128**
Notification penalties	Network Operating Costs associated with planned and capital work		-	2	8	1	1	2	2	2	2	2	2	2	2	**13**	**16**
Notification penalties	Network Operating Costs associated with unplanned fault work		60	22	112	170	170	169	169	168	167	167	166	165	165	**533**	**1,336**
Notification penalties	**Total**		**88.0**	**55.0**	**276.0**	**535.6**	**497.6**	**484.5**	**482.2**	**466.0**	**449.1**	**448.6**	**451.0**	**452.0**	**455.8**	**1,452**	**3,689**
Sample and Investigatory Inspections	Connection project		1,786	2,075	1,585	4,061	3,806	3,563	3,470	3,379	3,382	3,393	3,404	3,415	3,426	**13,313**	**27,433**
Sample and Investigatory Inspections	Network Investment		280	198	185	208	80	146	207	160	50	58	89	110	153	**950**	**974**
Sample and Investigatory Inspections	Network Operating Costs associated with planned and capital work		-	199	110	19	18	28	28	28	28	28	28	28	27	**346**	**221**
Sample and Investigatory Inspections	Network Operating Costs associated with unplanned fault work		2,832	1,857	2,400	3,637	3,644	3,653	3,661	3,670	3,678	3,686	3,695	3,704	3,712	**14,370**	**29,459**
Sample and Investigatory Inspections	**Total**		**4,897.8**	**4,329.0**	**4,280.0**	**7,923.9**	**7,548.8**	**7,390.7**	**7,365.8**	**7,236.7**	**7,137.3**	**7,165.3**	**7,215.7**	**7,256.3**	**7,318.7**	**28,979**	**58,086**
Inspections Penalties	Connection project		26	22	21	54	50	47	45	44	44	44	43	43	43	**173**	**353**
Inspections Penalties	Network Investment		4	1	2	2	1	2	2	2	1	1	1	1	2	**10**	**10**
Inspections Penalties	Network Operating Costs associated with planned and capital work		-	3	5	1	1	1	1	1	1	1	1	1	1	**10**	**10**
Inspections Penalties	Network Operating Costs associated with unplanned fault work		38	29	24	36	36	36	36	36	36	36	36	35	35	**164**	**286**
Inspections Penalties	**Total**		**68.0**	**55.0**	**52.0**	**93.3**	**88.6**	**86.0**	**85.0**	**82.9**	**81.3**	**81.1**	**81.1**	**81.0**	**81.1**	**357**	**660**
Permits, Notifications, Inspections and Penalties (ALL PAID FOR INITIALLY BY THE DNO)	**Total**		**40,773**	**51,459**	**46,742**	**90,863**	**85,872**	**83,568**	**83,114**	**81,367**	**80,105**	**80,433**	**81,038**	**81,520**	**82,274**	**315,708**	**653,419**
Income from Permits																	
Income from permits - from connectee	Connection project which has no element subject to the apportionment rules																
Income from permits - from connectee	Connection project which has an element subject to the apportionment rules																
Income from permits - from connectee	Network Investment																
Income from permits - from connectee	Network Operating Costs associated with planned and capital work																
Income from permits - from connectee	Network Operating Costs associated with unplanned fault work																
Income from permits - from connectee	**Total**																
Recovered from the Price Control																	
Income from Contractors																	
Permitting Penalties	Connection project which has no element subject to the apportionment rules																
Permitting Penalties	Connection project which has an element subject to the apportionment rules																
Permitting Penalties	Network Investment																
Permitting Penalties	Network Operating Costs associated with planned and capital work																
Permitting Penalties	Network Operating Costs associated with unplanned fault work																
Permitting Penalties	**Total**																
Notification penalties	Connection project																
Notification penalties	Network Investment																
Notification penalties	Network Operating Costs associated with planned and capital work																
Notification penalties	Network Operating Costs associated with unplanned fault work																
Notification penalties	**Total**																
Inspections Penalties	Connection project																
Inspections Penalties	Network Investment																
Inspections Penalties	Network Operating Costs associated with planned and capital work																
Inspections Penalties	Network Operating Costs associated with unplanned fault work																
Inspections Penalties	**Total**																
Overstay Fines	Connection project which has no element subject to the apportionment rules																
Overstay Fines	Connection project which has an element subject to the apportionment rules																
Overstay Fines	Network Investment																
Overstay Fines	Network Operating Costs associated with planned and capital work																
Overstay Fines	Network Operating Costs associated with unplanned fault work																
Overstay Fines	**Total**																
Income from Contractors	**Total**																
Quantity of Other Costs - Payments (All paid for initially by the DNO)																	
Lane Rentals	Connection project which has no element subject to the apportionment rules		-	-	1	3	2	2	2	2	2	2	2	2	2	**17**	
Lane Rentals	Connection project which has an element subject to the apportionment rules		-	-	0	1	1	1	1	1	1	1	1	1	1	**7**	
Lane Rentals	Network Investment		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	
Lane Rentals	Network Operating Costs associated with planned and capital work		-	-	1	0	0	0	0	0	0	0	0	0	0	**1**	
Lane Rentals	Network Operating Costs associated with unplanned fault work		-	-	2	3	3	3	3	3	3	3	3	3	3	**25**	
Lane Rentals	**Total**		**-**	**-**	**4.0**	**6.6**	**6.4**	**6.3**	**6.3**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**17**	**50**
Overstay Fines	Connection project which has no element subject to the apportionment rules		33	8	24	61	57	53	51	50	50	49	49	49	49		**401**
Overstay Fines	Connection project which has an element subject to the apportionment rules		8	-	1	1	1	1	1	1	1	1	1	1	1		**8**
Overstay Fines	Network Investment		2	4	9	16	6	11	16	12	4	4	7	8	11		**72**
Overstay Fines	Network Operating Costs associated with planned and capital work		-	8	1	0	0	0	0	0	0	0	0	0	0		**1**
Overstay Fines	Network Operating Costs associated with unplanned fault work		165	79	41	62	62	62	62	62	61	61	61	61	60		**489**
Overstay Fines	**Total**		**208.0**	**99.0**	**76.0**	**140.2**	**126.7**	**127.5**	**130.0**	**124.5**	**115.6**	**115.8**	**117.7**	**118.7**	**121.3**	**650**	**971**
Congestion Charges	Connection project which has no element subject to the apportionment rules		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**
Congestion Charges	Connection project which has an element subject to the apportionment rules		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**
Congestion Charges	Network Investment		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**
Congestion Charges	Network Operating Costs associated with planned and capital work		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**
Congestion Charges	Network Operating Costs associated with unplanned fault work		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**
Congestion Charges	**Total**		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Quantity of Other Costs - Payments (All paid for initially by the DNO)	**Total**		**208.0**	**99.0**	**80.0**	**146.8**	**133.1**	**133.8**	**136.2**	**130.6**	**121.8**	**122.0**	**123.9**	**124.9**	**127.6**	**667**	**1,021**
Streetworks - Works																	
Streetworks - Single Works	Connection project which has no element subject to the apportionment rules		3,809	6,027	4,010	10,299	9,654	9,037	8,800	8,569	8,577	8,604	8,632	8,661	8,689	**33,797**	**69,569**
Streetworks - Single Works	Connection project which has an element subject to the apportionment rules		978	-	211	542	508	475	463	451	451	453	454	456	457	**2,239**	**3,659**
Streetworks - Single Works	Network Investment		1,025	554	492	552	212	389	550	427	132	155	238	292	406	**2,835**	**2,589**
Streetworks - Single Works	Network Operating Costs associated with planned and capital work		-	599	292	51	49	74	74	74	74	74	74	74	72	**991**	**587**
Streetworks - Single Works	Network Operating Costs associated with unplanned fault work		7,620	4,835	5,409	8,196	8,214	8,234	8,251	8,270	8,289	8,308	8,327	8,348	8,366	**34,274**	**66,393**
Streetworks - Single Works	**Total**		**13,431.0**	**12,015.0**	**10,414.0**	**19,639.4**	**18,635.4**	**18,208.3**	**18,137.9**	**17,790.0**	**17,522.7**	**17,593.8**	**17,724.4**	**17,828.8**	**17,991.4**	**74,135**	**142,797**
Streetworks - Multiple Works	Connection project which has no element subject to the apportionment rules		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Streetworks - Multiple Works	Connection project which has an element subject to the apportionment rules		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Streetworks - Multiple Works	Network Investment		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Streetworks - Multiple Works	Network Operating Costs associated with planned and capital work		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Streetworks - Multiple Works	Network Operating Costs associated with unplanned fault work		-	761	981	1,486	1,490	1,493	1,497	1,500	1,503	1,507	1,510	1,514	1,517	**4,718**	**12,041**
Streetworks - Multiple Works	**Total**		**-**	**761.0**	**981.0**	**1,486.5**	**1,489.7**	**1,493.3**	**1,496.5**	**1,499.9**	**1,503.3**	**1,506.7**	**1,510.2**	**1,514.0**	**1,517.4**	**4,718**	**12,041**
Total Net expenditure on Notifications, Inspections, Penalties and Other Payments																	
Notifications, Inspections, Penalties and Other Payments	Connection project																
Notifications, Inspections, Penalties and Other Payments	Network Investment																
Notifications, Inspections, Penalties and Other Payments	Network Operating Costs associated with planned and capital work																
Notifications, Inspections, Penalties and Other Payments	Network Operating Costs associated with unplanned fault work																
Notifications, Inspections, Penalties and Other Payments	**Total**																
Other Costs - Admin and Set-Up Costs																	
Streetworks Admin Costs	Connection project which has no element subject to the apportionment rules																
Streetworks Admin Costs	Connection project which has an element subject to the apportionment rules																
Streetworks Admin Costs	Network Investment																
Streetworks Admin Costs	Network Operating Costs associated with planned and capital work																
Streetworks Admin Costs	Network Operating Costs associated with unplanned fault work																
Streetworks Admin Costs	**Total**																
Streetworks Incremental Admin associated with Permitting	Connection project which has no element subject to the apportionment rules																
Streetworks Incremental Admin associated with Permitting	Connection project which has an element subject to the apportionment rules																
Streetworks Incremental Admin associated with Permitting	Network Investment																
Streetworks Incremental Admin associated with Permitting	Network Operating Costs associated with planned and capital work																
Streetworks Incremental Admin associated with Permitting	Network Operating Costs associated with unplanned fault work																
Streetworks Incremental Admin associated with Permitting	**Total**																
Streetworks Set-Up Costs	Connection project which has no element subject to the apportionment rules																
Streetworks Set-Up Costs	Connection project which has an element subject to the apportionment rules																
Streetworks Set-Up Costs	Network Investment																
Streetworks Set-Up Costs	Network Operating Costs associated with planned and capital work																
Streetworks Set-Up Costs	Network Operating Costs associated with unplanned fault work																
Streetworks Set-Up Costs	**Total**																
Permitting Condition Costs	Connection project which has no element subject to the apportionment rules																
Permitting Condition Costs	Connection project which has an element subject to the apportionment rules																
Permitting Condition Costs	Network Investment																
Permitting Condition Costs	Network Operating Costs associated with planned and capital work																
Permitting Condition Costs	Network Operating Costs associated with unplanned fault work																
Permitting Condition Costs	**Total**																
Streetworks Admin, Set-Up Costs and Permitting Condition Costs	**Total**																
Total Net Costs inc all payments and Admin and Set-Up Costs	**Total**																

Total Direct Costs

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4			DPCR5						RIIO-ED1					(£m)	(£m)
Permits, Notifications, Inspections and Penalties (ALL PAID INITIALLY BY THE DNO)																	
Permits	Connection project which has no element subject to the apportionment rules		0.09	0.19	0.13	0.40	0.38	0.35	0.34	0.33	0.34	0.34	0.34	0.34	0.34	1.18	**2.72**
Permits	Connection project which has an element subject to the apportionment rules		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	**0.06**
Permits	Network Investment		0.04	0.04	0.02	0.03	0.01	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.02	0.14	**0.13**
Permits	Network Operating Costs associated with planned and capital work		-	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	**0.03**
Permits	Network Operating Costs associated with unplanned fault work		0.09	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.52	**0.88**
Permits	**Total**		**0.25**	**0.36**	**0.28**	**0.55**	**0.51**	**0.49**	**0.49**	**0.48**	**0.46**	**0.46**	**0.47**	**0.47**	**0.48**	1.94	**3.81**
Permitting Penalties	Connection project which has no element subject to the apportionment rules		0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	**0.09**
Permitting Penalties	Connection project which has an element subject to the apportionment rules		0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Permitting Penalties	Network Investment		0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Permitting Penalties	Network Operating Costs associated with planned and capital work		-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Permitting Penalties	Network Operating Costs associated with unplanned fault work		0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	**0.12**
Permitting Penalties	**Total**		**0.00**	**0.01**	**0.01**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	0.09	**0.21**
Notifications	Connection project																
Notifications	Network Investment																
Notifications	Network Operating Costs associated with planned and capital work																
Notifications	Network Operating Costs associated with unplanned fault work																
Notifications	**Total**																
Notification penalties	Connection project		0.00	0.00	0.01	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	**0.17**
Notification penalties	Network Investment		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	**0.01**
Notification penalties	Network Operating Costs associated with planned and capital work		-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Notification penalties	Network Operating Costs associated with unplanned fault work		0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	**0.10**
Notification penalties	**Total**		**0.02**	**0.01**	**0.02**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	0.13	**0.29**
Sample and Investigatory Inspections	Connection project		0.13	0.12	0.08	0.21	0.20	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.75	**1.44**
Sample and Investigatory Inspections	Network Investment		0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.01	0.00	0.01	0.01	0.01	0.01	0.07	**0.09**
Sample and Investigatory Inspections	Network Operating Costs associated with planned and capital work		-	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	**0.01**
Sample and Investigatory Inspections	Network Operating Costs associated with unplanned fault work		0.14	0.08	0.11	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.65	**1.31**
Sample and Investigatory Inspections	**Total**		**0.29**	**0.21**	**0.21**	**0.39**	**0.37**	**0.36**	**0.37**	**0.36**	**0.35**	**0.35**	**0.35**	**0.36**	**0.36**	1.48	**2.85**
Inspections Penalties	Connection project		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	**0.03**
Inspections Penalties	Network Investment		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	**0.00**
Inspections Penalties	Network Operating Costs associated with planned and capital work		-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Inspections Penalties	Network Operating Costs associated with unplanned fault work		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	**0.02**
Inspections Penalties	**Total**		**0.03**	**0.00**	**0.00**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	0.05	**0.05**
Permits, Notifications, Inspections and Penalties (ALL PAID FOR INITIALLY BY THE DNO)	**Total**		**0.59**	**0.59**	**0.53**	**1.02**	**0.95**	**0.93**	**0.93**	**0.90**	**0.88**	**0.88**	**0.89**	**0.90**	**0.91**	**3.68**	**7.20**
Income from Permits																	
Income from permits - from connectee	Connection project which has no element subject to the apportionment rules		- 0.04	- 0.19	- 0.12	- 0.31	- 0.29	- 0.27	- 0.26	- 0.26	- 0.26	- 0.26	- 0.26	- 0.26	- 0.26	- 0.94	**- 2.08**
Income from permits - from connectee	Connection project which has an element subject to the apportionment rules		- 0.02	- 0.00	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.04	**- 0.04**
Income from permits - from connectee	Network Investment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Income from permits - from connectee	Network Operating Costs associated with planned and capital work		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Income from permits - from connectee	Network Operating Costs associated with unplanned fault work		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Income from permits - from connectee	**Total**		**- 0.06**	**- 0.19**	**- 0.13**	**- 0.31**	**- 0.29**	**- 0.28**	**- 0.27**	**- 0.26**	**- 0.26**	**- 0.26**	**- 0.26**	**- 0.26**	**- 0.27**	0.98	**- 2.12**
Recovered from the Price Control			**- 0.02**	**- 0.00**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	- 0.04	**- 0.04**
Income from Contractors																	
Permitting Penalties	Connection project which has no element subject to the apportionment rules		-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.01	**- 0.03**
Permitting Penalties	Connection project which has an element subject to the apportionment rules		-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Permitting Penalties	Network Investment		-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Permitting Penalties	Network Operating Costs associated with planned and capital work		-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Permitting Penalties	Network Operating Costs associated with unplanned fault work		-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.01	**- 0.03**
Permitting Penalties	**Total**		**-**	**- 0.00**	**- 0.00**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	- 0.02	**- 0.06**
Notification penalties	Connection project		-	- 0.02	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.05	**- 0.04**
Notification penalties	Network Investment		-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Notification penalties	Network Operating Costs associated with planned and capital work		-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Notification penalties	Network Operating Costs associated with unplanned fault work		-	- 0.01	- 0.01	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.02	**- 0.03**
Notification penalties	**Total**		**-**	**- 0.03**	**- 0.02**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	- 0.08	**- 0.07**
Inspections Penalties	Connection project		- 0.01	- 0.02	- 0.03	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.06	**- 0.01**
Inspections Penalties	Network Investment		- 0.01	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.01	**- 0.00**
Inspections Penalties	Network Operating Costs associated with planned and capital work		-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Inspections Penalties	Network Operating Costs associated with unplanned fault work		- 0.01	- 0.01	- 0.02	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.05	**- 0.00**
Inspections Penalties	**Total**		**- 0.03**	**- 0.03**	**- 0.06**	**- 0.00**	**- 0.00**	**- 0.00**	**- 0.00**	**- 0.00**	**- 0.00**	**- 0.00**	**- 0.00**	**- 0.00**	**- 0.00**	- 0.12	**- 0.01**
Overstay Fines	Connection project which has no element subject to the apportionment rules		- 0.04	- 0.07	- 0.07	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.21	**- 0.06**
Overstay Fines	Connection project which has an element subject to the apportionment rules		- 0.01	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00		**- 0.00**
Overstay Fines	Network Investment		- 0.00	- 0.00	- 0.01	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.01	**-

Permitting Penalties	Connection project which has no element subject to the apportionment rules	-	54	20	-	-	-	-	-	-	-	-	-	-	-	0.00	0.01	0.00	-	-	-	-	-	-	-	-	-	**0.01**	**-**
Permitting Penalties	Connection project which has an element subject to the apportionment rules	-	-	1	-	-	-	-	-	-	-	-	-	-	-	0.00	-	0.00	-	-	-	-	-	-	-	-	-	**0.00**	**-**
Permitting Penalties	Network Investment	-	5	2	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	**0.00**	**-**
Permitting Penalties	Network Operating Costs associated with planned and capital work	-	3	6	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	**0.00**	**-**
Permitting Penalties	Network Operating Costs associated with unplanned fault work	5	23	24	-	-	-	-	-	-	-	-	-	-	-	0.01	0.00	0.00	-	-	-	-	-	-	-	-	-	**0.01**	**-**
Permitting Penalties	**Total**	**5.0**	**85.0**	**53.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**143**	**0.01**	**0.01**	**0.01**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.03**	**-**
Notification penalties	Connection project	111	344	260	-	-	-	-	-	-	-	-	-	-	-	0.00	0.03	0.02	-	-	-	-	-	-	-	-	-	**0.06**	**-**
Notification penalties	Network Investment	22	18	49	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	**0.01**	**-**
Notification penalties	Network Operating Costs associated with planned and capital work	-	15	18	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	**0.00**	**-**
Notification penalties	Network Operating Costs associated with unplanned fault work	144	135	148	-	-	-	-	-	-	-	-	-	-	-	- 0.00	0.01	0.01	-	-	-	-	-	-	-	-	-	**0.02**	**-**
Notification penalties	**Total**	**277.0**	**512.0**	**475.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,264**	**0.00**	**0.05**	**0.04**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.09**	**-**
Inspections Penalties	Connection project	221	339	499	-	-	-	-	-	-	-	-	-	-	-	0.05	0.03	0.04	-	-	-	-	-	-	-	-	-	**0.11**	**-**
Inspections Penalties	Network Investment	82	84	56	-	-	-	-	-	-	-	-	-	-	-	0.02	0.01	0.00	-	-	-	-	-	-	-	-	-	**0.03**	**-**
Inspections Penalties	Network Operating Costs associated with planned and capital work	-	32	38	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	**0.01**	**-**
Inspections Penalties	Network Operating Costs associated with unplanned fault work	228	299	280	-	-	-	-	-	-	-	-	-	-	-	0.05	0.02	0.02	-	-	-	-	-	-	-	-	-	**0.10**	**-**
Inspections Penalties	**Total**	**531.0**	**754.0**	**873.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,158**	**0.12**	**0.06**	**0.06**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.24**	**-**
Overstay Fines	Connection project which has no element subject to the apportionment rules	63	104	133	-	-	-	-	-	-	-	-	-	-	-	0.05	0.07	0.10	-	-	-	-	-	-	-	-	-	**0.22**	**-**
Overstay Fines	Connection project which has an element subject to the apportionment rules	16	-	7	-	-	-	-	-	-	-	-	-	-	-	0.01	-	0.01	-	-	-	-	-	-	-	-	-	**0.02**	**-**
Overstay Fines	Network Investment	5	4	14	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.01	-	-	-	-	-	-	-	-	-	**0.01**	**-**
Overstay Fines	Network Operating Costs associated with planned and capital work	-	14	11	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01	-	-	-	-	-	-	-	-	-	**0.02**	**-**
Overstay Fines	Network Operating Costs associated with unplanned fault work	210	134	118	-	-	-	-	-	-	-	-	-	-	-	0.11	0.09	0.09	-	-	-	-	-	-	-	-	-	**0.28**	**-**
Overstay Fines	**Total**	**294.0**	**256.0**	**283.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**833**	**0.17**	**0.17**	**0.21**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.55**	**-**
Penalties relating to contractors	**Total**	**1,107**	**1,607**	**1,684**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4,398**	**0.31**	**0.29**	**0.31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.91**	**-**

Streetworks - Cost Type

Labour	1.04	0.93	0.68	2.04	1.90	1.87	1.86	1.83	1.81	1.81	1.82	1.83	1.85	**6.60**	**14.69**
Pensions	0.22	0.21	0.14	0.45	0.42	0.41	0.41	0.40	0.40	0.40	0.40	0.40	0.41	**1.43**	**3.23**
Contractors	0.71	0.58	0.64	-	-	-	-	-	-	-	-	-	-	**1.93**	**-**
Materials	0.04	0.04	0.03	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	**0.23**	**0.46**
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Road Charges	0.68	0.64	0.57	1.09	1.01	0.99	0.99	0.96	0.93	0.94	0.95	0.95	0.97	**3.99**	**7.68**
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total Gross Costs	**2.69**	**2.40**	**2.06**	**3.65**	**3.39**	**3.33**	**3.32**	**3.25**	**3.19**	**3.20**	**3.23**	**3.25**	**3.28**	**###**	**26.05**
Customer Contributions	- 0.06	- 0.19	- 0.13	- 0.31	- 0.29	- 0.28	- 0.27	- 0.26	- 0.26	- 0.26	- 0.26	- 0.26	- 0.27	**- 0.98**	**- 2.12**
Cost recoveries	- 0.18	- 0.22	- 0.24	- 0.04	- 0.04	- 0.04	- 0.04	- 0.04	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	**- 0.71**	**- 0.28**
Total Net Costs	**2.46**	**1.99**	**1.70**	**3.29**	**3.06**	**3.01**	**3.02**	**2.96**	**2.90**	**2.91**	**2.93**	**2.95**	**2.98**	**###**	**23.65**

Check	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	

CM15b: Streetworks (Re-opener costs)
SPN
Price base (2012/13)
Enter re-operner streetworks costs

		Activity Volumes																Total Direct Costs													
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
		DPCR4			DPCR5						RIIO-ED1					#	#	DPCR4			DPCR5						RIIO-ED1					(£m)	(£m)
Permits, Notifications, Inspections and Penalties (ALL PAID INITIALLY BY THE DNO)																																	
Permits	Connection project which has no element subject to the apportionment rules		-	-	-	2,488	3,095	3,717	3,620	3,525	3,528	3,540	3,551	3,563	3,574	**5,582**	**28,619**		-	-	-	0.25	0.32	0.38	0.37	0.36	0.36	0.36	0.36	0.37	0.37	0.57	**2.93**
Permits	Connection project which has an element subject to the apportionment rules		-	-	-	47	61	76	75	73	72	72	73	73	74	**107**	**588**		-	-	-	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.06**
Permits	Network Investment		-	-	-	169	84	199	274	209	76	94	139	173	227	**252**	**1,392**		-	-	-	0.02	0.01	0.02	0.03	0.02	0.01	0.01	0.01	0.02	0.02	0.03	**0.14**
Permits	Network Operating Costs associated with planned and capital work		-	-	-	17	25	43	43	43	43	43	43	43	42	**41**	**342**		-	-	-	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.04**
Permits	Network Operating Costs associated with unplanned fault work		-	-	-	1,123	1,494	1,922	1,926	1,930	1,934	1,939	1,943	1,948	1,953	**2,617**	**15,494**		-	-	-	0.06	0.07	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.13	**0.77**
Permits	**Total**		**-**	**-**	**-**	**3,842.8**	**4,757.2**	**5,957.1**	**5,937.9**	**5,780.7**	**5,653.1**	**5,687.8**	**5,748.7**	**5,800.3**	**5,869.7**	**8,600**	**46,435**		**-**	**-**	**-**	**0.34**	**0.41**	**0.51**	**0.51**	**0.49**	**0.48**	**0.48**	**0.49**	**0.49**	**0.50**	0.75	**3.95**
Permitting Penalties	Connection project which has no element subject to the apportionment rules		-	-	-	53	65	79	77	74	75	75	75	75	76	**118**	**605**		-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	**0.10**
Permitting Penalties	Connection project which has an element subject to the apportionment rules		-	-	-	1	1	2	2	2	2	2	2	2	2	**2**	**12**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Permitting Penalties	Network Investment		-	-	-	1	1	2	2	2	1	1	1	1	2	**2**	**12**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Permitting Penalties	Network Operating Costs associated with planned and capital work		-	-	-	0	0	0	0	0	0	0	0	0	0	**0**	**3**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Permitting Penalties	Network Operating Costs associated with unplanned fault work		-	-	-	49	65	83	84	84	84	84	84	85	85	**114**	**673**		-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	**0.11**
Permitting Penalties	**Total**		**-**	**-**	**-**	**103.9**	**132.5**	**165.7**	**164.4**	**162.0**	**161.1**	**161.7**	**162.6**	**163.3**	**164.2**	**236**	**1,305**		**-**	**-**	**-**	**0.02**	**0.02**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	**0.03**	0.04	**0.21**
Notifications	Connection project		-	-	-	29,664	36,903	44,331	43,172	42,036	42,075	42,211	42,348	42,486	42,626	**66,567**	**341,285**																
Notifications	Network Investment		-	-	-	1,320	654	1,555	2,144	1,638	593	737	1,085	1,355	1,773	**1,973**	**10,880**																
Notifications	Network Operating Costs associated with planned and capital work		-	-	-	147	216	375	375	375	375	375	375	375	368	**362**	**2,995**																
Notifications	Network Operating Costs associated with unplanned fault work		-	-	-	13,827	18,390	23,658	23,708	23,762	23,816	23,870	23,925	23,985	24,039	**32,217**	**190,764**																
Notifications	**Total**		**-**	**-**	**-**	**44,957.3**	**56,162.4**	**69,919.4**	**69,400.3**	**67,812.1**	**66,859.7**	**67,193.1**	**67,732.4**	**68,201.3**	**68,805.8**	**101,120**	**545,924**																
Notification penalties	Connection project		-	-	-	213	265	317	306	296	295	294	293	292	291	**478**	**2,384**		-	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	**0.19**
Notification penalties	Network Investment		-	-	-	18	9	21	29	22	8	10	14	18	23	**27**	**143**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.01**
Notification penalties	Network Operating Costs associated with planned and capital work		-	-	-	1	2	3	3	3	3	3	3	3	3	**3**	**23**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Notification penalties	Network Operating Costs associated with unplanned fault work		-	-	-	88	117	150	149	149	148	147	147	146	146	**205**	**1,182**		-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	**0.09**
Notification penalties	**Total**		**-**	**-**	**-**	**320.4**	**393.0**	**490.4**	**487.3**	**469.8**	**453.6**	**453.9**	**456.8**	**458.6**	**462.2**	**713**	**3,733**		**-**	**-**	**-**	**0.03**	**0.03**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	**0.04**	0.06	**0.29**
Sample and Investigatory Inspections	Connection project		-	-	-	2,573	3,201	3,846	3,745	3,647	3,650	3,662	3,674	3,686	3,698	**5,774**	**29,606**		-	-	-	0.14	0.17	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.30	**1.55**
Sample and Investigatory Inspections	Network Investment		-	-	-	132	66	156	215	164	59	74	109	136	178	**198**	**1,091**		-	-	-	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.02	**0.10**
Sample and Investigatory Inspections	Network Operating Costs associated with planned and capital work		-	-	-	16	24	41	41	41	41	41	41	41	40	**40**	**327**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.01**
Sample and Investigatory Inspections	Network Operating Costs associated with unplanned fault work		-	-	-	1,889	2,512	3,232	3,239	3,246	3,253	3,261	3,268	3,276	3,284	**4,401**	**26,059**		-	-	-	0.08	0.11	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.20	**1.16**
Sample and Investigatory Inspections	**Total**		**-**	**-**	**-**	**4,610.1**	**5,802.3**	**7,274.3**	**7,239.8**	**7,097.9**	**7,003.7**	**7,037.3**	**7,091.5**	**7,138.9**	**7,199.5**	**10,412**	**57,083**		**-**	**-**	**-**	**0.23**	**0.29**	**0.36**	**0.36**	**0.35**	**0.34**	**0.35**	**0.35**	**0.35**	**0.36**	0.52	**2.83**
Inspections Penalties	Connection project		-	-	-	34	42	51	49	47	47	47	47	47	47	**77**	**381**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	**0.04**
Inspections Penalties	Network Investment		-	-	-	1	1	2	2	2	1	1	1	1	2	**2**	**11**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Inspections Penalties	Network Operating Costs associated with planned and capital work		-	-	-	1	1	2	2	2	2	2	2	2	2	**2**	**14**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Inspections Penalties	Network Operating Costs associated with unplanned fault work		-	-	-	19	25	32	32	32	32	32	31	31	31	**44**	**253**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.02**
Inspections Penalties	**Total**		**-**	**-**	**-**	**55.1**	**69.3**	**86.3**	**85.1**	**82.8**	**81.3**	**81.2**	**81.2**	**81.2**	**81.3**	**124**	**660**		**-**	**-**	**-**	**0.00**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	0.01	**0.05**
Permits, Notifications, Inspections and Penalties (ALL PAID FOR INITIALLY BY THE DNO)	**Total**		**-**	**-**	**-**	**53.890**	**67.317**	**83.893**	**83.315**	**81.405**	**80.213**	**80.615**	**81.273**	**81.844**	**82.583**	**121.206**	**655.140**		**-**	**-**	**-**	**0.61**	**0.75**	**0.94**	**0.94**	**0.91**	**0.89**	**0.90**	**0.91**	**0.92**	**0.93**	**1.37**	**7.33**
Income from Permits																																	
Income from permits - from connectee	Connection project which has no element subject to the apportionment rules																		-	-	-	- 0.20	- 0.24	- 0.29	- 0.28	- 0.28	- 0.28	- 0.28	- 0.28	- 0.28	- 0.28	- 0.44	**- 2.24**
Income from permits - from connectee	Connection project which has an element subject to the apportionment rules																		-	-	-	- 0.00	- 0.00	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	**- 0.05**
Income from permits - from connectee	Network Investment																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Income from permits - from connectee	Network Operating Costs associated with planned and capital work																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Income from permits - from connectee	Network Operating Costs associated with unplanned fault work																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Income from permits - from connectee	**Total**																		**-**	**-**	**-**	**- 0.20**	**- 0.25**	**- 0.30**	**- 0.29**	**- 0.28**	**- 0.28**	**- 0.28**	**- 0.28**	**- 0.29**	**- 0.29**	- 0.45	**- 2.29**
Recovered from the Price Control																			**-**	**-**	**-**	**- 0.00**	**- 0.00**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	- 0.01	**- 0.05**
Income from Contractors																																	
Permitting Penalties	Connection project which has no element subject to the apportionment rules																		-	-	-	- 0.00	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	**- 0.05**
Permitting Penalties	Connection project which has an element subject to the apportionment rules																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Permitting Penalties	Network Investment																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Permitting Penalties	Network Operating Costs associated with planned and capital work																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Permitting Penalties	Network Operating Costs associated with unplanned fault work																		-	-	-	- 0.00	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	**- 0.05**
Permitting Penalties	**Total**																		**-**	**-**	**-**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	- 0.02	**- 0.10**
Notification penalties	Connection project																		-	-	-	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.02	**- 0.09**
Notification penalties	Network Investment																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.01**
Notification penalties	Network Operating Costs associated with planned and capital work																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Notification penalties	Network Operating Costs associated with unplanned fault work																		-	-	-	- 0.00	- 0.00	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	**- 0.05**
Notification penalties	**Total**																		**-**	**-**	**-**	**- 0.01**	**- 0.02**	**- 0.02**	**- 0.02**	**- 0.02**	**- 0.02**	**- 0.02**	**- 0.02**	**- 0.02**	**- 0.02**	- 0.03	**- 0.15**
Inspections Penalties	Connection project																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.01	**- 0.03**
Inspections Penalties	Network Investment																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Inspections Penalties	Network Operating Costs associated with planned and capital work																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Inspections Penalties	Network Operating Costs associated with unplanned fault work																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.01**
Inspections Penalties	**Total**																		**-**	**-**	**-**	**- 0.00**	**- 0.00**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.01**	**- 0.00**	**- 0.00**	**- 0.00**	- 0.01	**- 0.04**
Overstay Fines	Connection project which has no element subject to the apportionment rules																		-	-	-	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.02	**- 0.11**
Overstay Fines	Connection project which has an element subject to the apportionment rules																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00		**- 0.00**
Overstay Fines	Network Investment																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00		**- 0.02**
Overstay Fines	Network Operating Costs associated with planned and capital work																		-	-	-	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	- 0.00	**- 0.00**
Overstay Fines	Network Operating Costs associated with unplanned fault work																		-	-	-	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.02	**- 0.09**
Overstay Fines	**Total**																		**-**	**-**	**-**	**- 0.02**	**- 0.02**	**- 0.03**	**- 0.03**	**- 0.03**	**- 0.03**	**- 0.03**	**- 0.03**	**- 0.03**	**- 0.03**	- 0.04	**- 0.22**
Income from Contractors	**Total**																		**-**	**-**	**-**	**- 0.04**	**- 0.05**	**- 0.07**	**- 0.07**	**- 0.06**	**- 0.06**	**- 0.06**	**- 0.06**	**- 0.06**	**- 0.06**	- 0.09	**- 0.51**
Quantity of Other Costs - Payments (All paid for initially by the DNO)																																	
Lane Rentals	Connection project which has no element subject to the apportionment rules		-	-	-	148	139	130	127	123	124	124	124	125	125		**1,002**		-	-	-	0.51	0.48	0.45	0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.99	**3.47**
Lane Rentals	Connection project which has an element subject to the apportionment rules		-	-	-	3	3	3	3	3	3	3	3	3	3		**21**		-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	**0.07**
Lane Rentals	Network Investment		-	-	-	10	4	7	10	7	3	3	5	6	8		**49**		-	-	-	0.03	0.01	0.02	0.03	0.03	0.01	0.01	0.02	0.02	0.03	0.05	**0.17**
Lane Rentals	Network Operating Costs associated with planned and capital work		-	-	-	1	1	1	1	1	1	1	1	1	1		**12**		-	-	-	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.04**
Lane Rentals	Network Operating Costs associated with unplanned fault work		-	-	-	67	67	67	67	68	68	68	68	68	68		**542**		-	-	-	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.46	**1.88**
Lane Rentals	**Total**		**-**	**-**	**-**	**229.1**	**213.7**	**208.5**	**207.9**	**202.4**	**197.9**	**199.1**	**201.2**	**203.0**	**205.5**	**443**	**1,625**		**-**	**-**	**-**	**0.79**	**0.74**	**0.72**	**0.72**	**0.70**	**0.68**	**0.69**	**0.70**	**0.70**	**0.71**	1.53	**5.63**
Overstay Fines	Connection project which has no element subject to the apportionment rules		-	-	-	39	48	58	56	55	55	55	55	55	56		**445**		-	-	-	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	**0.22**
Overstay Fines	Connection project which has an element subject to the apportionment rules		-	-	-	1	1	1	1	1	1	1	1	1	1		**9**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Overstay Fines	Network Investment		-	-	-	6	3	8	10	8	3	4	5	7	9		**53**		-	-	-	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	**0.03**
Overstay Fines	Network Operating Costs associated with planned and capital work		-	-	-	0	0	0	0	0	0	0	0	0	0		**3**		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Overstay Fines	Network Operating Costs associated with unplanned fault work		-	-	-	32	43	55	55	55	56	56	56	56	56		**445**		-	-	-	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	**0.18**
Overstay Fines	**Total**		**-**	**-**	**-**	**78.2**	**95.3**	**122.1**	**123.6**	**119.7**	**114.8**	**115.8**	**117.8**	**119.5**	**121.8**	**174**	**955**		**-**	**-**	**-**	**0.04**	**0.04**	**0.06**	**0.06**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.06**	0.08	**0.44**
Congestion Charges	Connection project which has no element subject to the apportionment rules		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Congestion Charges	Connection project which has an element subject to the apportionment rules		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Congestion Charges	Network Investment		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Congestion Charges	Network Operating Costs associated with planned and capital work		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Congestion Charges	Network Operating Costs associated with unplanned fault work		-	-	-	-	-	-	-	-	-	-	-	-	-		**-**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Congestion Charges	**Total**		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		**-**		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Quantity of Other Costs - Payments (All paid for initially by the DNO)	**Total**		**-**	**-**	**-**	**307.3**	**309.0**	**330.6**	**331.4**	**322.1**	**312.7**	**314.9**	**319.0**	**322.5**	**327.3**	**616**	**2,580**		**-**	**-**	**-**	**0.83**	**0.78**	**0.78**	**0.78**	**0.76**	**0.74**	**0.74**	**0.75**	**0.76**	**0.77**	1.61	**6.06**
Streetworks - Works																																	
Streetworks - Single Works	Connection project which has no element subject to the apportionment rules		-	-	-	8,508	10,585	12,715	12,383	12,057	12,068	12,107	12,146	12,186	12,226	**19,093**	**97,890**																
Streetworks - Single Works	Connection project which has an element subject to the apportionment rules		-	-	-	389	487	588	573	559	558	560	562	564	566	**876**	**4,531**																
Streetworks - Single Works	Network Investment		-	-	-	352	174	415	572	437	158	196	289	361	473	**526**	**2,901**																
Streetworks - Single Works	Network Operating Costs associated with planned and capital work		-	-	-	43	62	109	109	109	109	109	109	109	107	**105**	**868**																
Streetworks - Single Works	Network Operating Costs associated with unplanned fault work		-	-	-	4,257	5,662	7,283	7,299	7,316	7,332	7,349	7,366	7,384	7,401	**9,919**	**58,731**																
Streetworks - Single Works	**Total**		**-**	**-**	**-**	**13,549.1**	**16,970.3**	**21,110.7**	**20,936.1**	**20,477.3**	**20,225.2**	**20,321.2**	**20,472.1**	**20,604.6**	**20,772.8**	**30,519**	**164,920**																
Streetworks - Multiple Works	Connection project which has no element subject to the apportionment rules		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**																
Streetworks - Multiple Works	Connection project which has an element subject to the apportionment rules		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**																
Streetworks - Multiple Works	Network Investment		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**																
Streetworks - Multiple Works	Network Operating Costs associated with planned and capital work		-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**																
Streetworks - Multiple Works	Network Operating Costs associated with unplanned fault work		-	-	-	772	1,027	1,321	1,324	1,327	1,330	1,333	1,336	1,339	1,342	**1,799**	**10,652**																
Streetworks - Multiple Works	**Total**		**-**	**-**	**-**	**772.0**	**1,026.9**	**1,321.0**	**1,323.8**	**1,326.8**	**1,329.8**	**1,332.9**	**1,335.9**	**1,339.2**	**1,342.3**	**1,799**	**10,652**																
Total Net expenditure on Notifications, Inspections, Penalties and Other Payments																																	
Notifications, Inspections, Penalties and Other Payments	Connection project																		-	-	-	0.47	0.43	0.38	0.37	0.36	0.36	0.37	0.37	0.37	0.37	0.89	2.95
Notifications, Inspections, Penalties and Other Payments	Network Investment																		-	-	-	0.07	0.03	0.06	0.09	0.07	0.02	0.03	0.04	0.05	0.07	0.10	0.43
Notifications, Inspections, Penalties and Other Payments	Network Operating Costs associated with planned and capital work																		-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
Notifications, Inspections, Penalties and Other Payments	Network Operating Costs associated with unplanned fault work																		-	-	-	0.39	0.44	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.82	4.01
Notifications, Inspections, Penalties and Other Payments	**Total**																		**-**	**-**	**-**	**0.93**	**0.90**	**0.96**	**0.97**	**0.94**	**0.90**	**0.91**	**0.92**	**0.94**	**0.96**	**1.83**	**7.49**
Other Costs - Admin and Set-Up Costs																																	
Streetworks Admin Costs	Connection project which has no element subject to the apportionment rules																		-	-	-	0.31	0.38	0.46	0.45	0.44	0.44	0.44	0.44	0.44	0.44	0.69	**3.54**
Streetworks Admin Costs	Connection project which has an element subject to the apportionment rules																		-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.07**
Streetworks Admin Costs	Network Investment																		-	-	-	0.02	0.01	0.02	0.03	0.02	0.01	0.01	0.01	0.02	0.02	0.02	**0.14**
Streetworks Admin Costs	Network Operating Costs associated with planned and capital work																		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.04**
Streetworks Admin Costs	Network Operating Costs associated with unplanned fault work																		-	-	-	0.23	0.31	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.41	0.54	**3.22**
Streetworks Admin Costs	**Total**																		**-**	**-**	**-**	**0.57**	**0.71**	**0.89**	**0.89**	**0.87**	**0.86**	**0.86**	**0.87**	**0.88**	**0.88**	1.28	**7.01**
Streetworks Incremental Admin associated with Permitting	Connection project which has no element subject to the apportionment rules																		-	-	-	0.07	0.08	0.10	0.10	0.09	0.09	0.10	0.10	0.10	0.10	0.15	**0.77**
Streetworks Incremental Admin associated with Permitting	Connection project which has an element subject to the apportionment rules																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Streetworks Incremental Admin associated with Permitting	Network Investment																		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.02**
Streetworks Incremental Admin associated with Permitting	Network Operating Costs associated with planned and capital work																		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.01**
Streetworks Incremental Admin associated with Permitting	Network Operating Costs associated with unplanned fault work	

Permitting Penalties	Network Investment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Permitting Penalties	Network Operating Costs associated with planned and capital work	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Permitting Penalties	Network Operating Costs associated with unplanned fault work	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Permitting Penalties	**Total**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Notification penalties	Connection project	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Notification penalties	Network Investment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Notification penalties	Network Operating Costs associated with planned and capital work	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Notification penalties	Network Operating Costs associated with unplanned fault work	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Notification penalties	**Total**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspections Penalties	Connection project	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspections Penalties	Network Investment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspections Penalties	Network Operating Costs associated with planned and capital work	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspections Penalties	Network Operating Costs associated with unplanned fault work	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspections Penalties	**Total**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overstay Fines	Connection project which has no element subject to the apportionment rules	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overstay Fines	Connection project which has an element subject to the apportionment rules	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overstay Fines	Network Investment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overstay Fines	Network Operating Costs associated with planned and capital work	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overstay Fines	Network Operating Costs associated with unplanned fault work	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overstay Fines	**Total**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Penalties relating to contractors	**Total**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Streetworks - Cost Type

Labour	-	-	-	-	-	-	-	-	-	-	-	-	-	0.93	1.15	1.44	1.44	1.40	1.38	1.39	1.40	1.41	1.42	**2.08**	**11.28**
Pensions	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21	0.26	0.32	0.32	0.31	0.31	0.31	0.31	0.31	0.32	**0.46**	**2.51**
Contractors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Materials	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**0.04**	**0.13**
Wayleaves (inc Easements/Servitudes)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Road Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	1.44	1.54	1.72	1.72	1.67	1.63	1.64	1.66	1.67	1.69	**2.98**	**13.40**
Rent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Subscriptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Related Party Margins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**
Total Gross Costs	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.60**	**2.96**	**3.50**	**3.49**	**3.40**	**3.33**	**3.35**	**3.38**	**3.41**	**3.45**	**5.56**	**27.31**
Customer Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	- 0.20	- 0.25	- 0.30	- 0.29	- 0.28	- 0.28	- 0.28	- 0.28	- 0.29	- 0.29	**- 0.45**	**- 2.29**
Cost recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	- 0.04	- 0.05	- 0.07	- 0.07	- 0.06	- 0.06	- 0.06	- 0.06	- 0.06	- 0.06	**- 0.09**	**- 0.51**
Total Net Costs	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.36**	**2.66**	**3.14**	**3.14**	**3.05**	**2.98**	**3.00**	**3.04**	**3.06**	**3.10**	**5.02**	**24.52**

Check	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK																

CM17: Full Time Equivalent by Category
SPN
Price base (2012/13)

		Core	Non-Core ex-ante	Non-Core (Reopener / Logging up)	Stand Alone Funding	Network Operating Costs	Total Direct costs	Closely associated indirects: Network Design & Engineering	Project Management	Engineering Management & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy	Business Support: HR and Non-Op Training	Finance & Regulation	CEO etc.	IT & Telecoms	Property Mgt	Non Op Capex	Atypicals Non Sev Weather not RAV	Stand Alone Funding (not RAV)	Sole Use Assets	Unmetered Connections	Post 2005 DG Connecions	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Non Activity Based costs	Total
2011																																	
Number of FTEs																																	
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	278.22	1.52	-	0.01	349.74	629.5	81.97	83.56	307.93	20.14	75.11	50.88	27.00	93.38	10.56	2.44	23.09	64.24	10.14	36.76	22.84	1.75	23.93	1.84	3.19	2.09	0.38	81.43	-	-	1,654.1
Total	FTEs	278.2	1.5	-	0.0	349.7	629.5	82.0	83.6	307.9	20.1	75.1	50.9	27.0	93.4	10.6	2.4	23.1	64.2	10.1	36.8	22.8	1.7	23.9	1.8	3.2	2.1	0.4	81.4	-	-	1,654.1
Costs																																	
Labour cost	£m	10.56	0.07	0.05	0.00	18.58	29.3	3.91	4.22	15.00	0.88	4.21	1.37	0.83	3.86	0.43	0.16	1.01	3.77	1.07	2.28	0.65	0.18	0.01	0.09	0.15	0.10	0.02	5.57	-		79.0
Pension costs	£m	1.41	0.01	0.01	0.00	2.38	3.8	0.52	0.57	1.73	0.13	0.57	0.11	0.11	0.36	0.06	0.02	0.07	0.38	0.11	0.32	0.18	0.03	0.00	0.01	0.02	0.01	0.00	0.36	-		9.5
Costs per FTE																																	
Unit cost labour only	£000s	38.0	46.1	-	45.5	53.1	46.5	47.7	50.5	48.7	43.6	56.1	26.9	30.6	41.3	40.3	67.5	43.6	58.6	105.4	62.1	28.3	101.4	0.4	48.0	45.5	46.5	47.5	68.4	-	-	47.8
Unit cost labour + pensions	£000s	43.0	52.3	-	51.6	59.9	52.5	54.0	57.4	54.4	50.0	63.7	29.1	34.6	45.2	46.1	74.7	46.6	64.5	116.6	70.8	36.1	120.2	0.4	51.6	51.6	51.6	52.7	72.9	-	-	53.5
2012																																	
Number of FTEs																																	
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	236.04	0.70	-	0.00	359.42	596.2	85.80	65.56	290.09	18.30	69.47	47.63	22.21	90.60	11.50	4.85	24.00	61.67	8.92	42.04	14.64	-	4.70	2.78	51.02	2.07	0.79	35.11	-	-	1,549.9
Total	FTEs	236.0	0.7	-	0.0	359.4	596.2	85.8	65.6	290.1	18.3	69.5	47.6	22.2	90.6	11.5	4.9	24.0	61.7	8.9	42.0	14.6	-	4.7	2.8	51.0	2.1	0.8	35.1	-	-	1,549.9
Costs																																	
Labour cost	£m	9.12	0.03	0.24	0.00	18.81	28.2	4.39	3.21	13.73	0.68	4.03	1.44	0.75	4.05	0.46	0.28	1.08	3.56	1.50	2.56	0.55	-	0.68	0.13	2.40	0.10	0.04	1.65	-		75.5
Pension costs	£m	1.52	0.01	0.04	0.00	3.22	4.8	0.64	0.46	2.02	0.13	0.67	0.14	0.12	0.52	0.08	0.04	0.11	0.40	0.08	0.05	0.07	-	0.58	-	0.33	0.01	0.01	0.13	-		11.4
Costs per FTE																																	
Unit cost labour only	£000s	38.6	47.0	-	47.0	52.3	47.3	51.2	49.0	47.3	36.9	58.0	30.2	33.7	44.7	39.9	57.2	45.0	57.8	167.9	60.9	37.6	-	144.8	47.0	47.0	47.0	47.0	47.0	-	-	48.7
Unit cost labour + pensions	£000s	45.1	55.2	-	55.2	61.3	55.3	58.6	56.1	54.3	43.9	67.7	33.1	39.0	50.4	46.8	66.2	49.4	64.2	176.4	62.1	42.1	-	267.7	47.0	53.4	53.7	54.0	50.7	-	-	56.0
2013																																	
Number of FTEs																																	
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	227.62	0.72	0.03	0.00	369.74	598.1	64.91	47.07	271.43	15.56	64.44	47.62	17.60	78.30	11.02	2.13	17.25	46.66	8.27	18.44	4.25	0.56	7.76	2.30	54.07	1.64	2.45	17.92	-	-	1,399.8
Total	FTEs	227.6	0.7	0.0	0.0	369.7	598.1	64.9	47.1	271.4	15.6	64.4	47.6	17.6	78.3	11.0	2.1	17.3	46.7	8.3	18.4	4.3	0.6	7.8	2.3	54.1	1.6	2.4	17.9	-	-	1,399.8
Costs																																	
Labour cost	£m	9.78	0.04	0.67	0.00	19.35	29.8	3.78	3.13	13.40	0.56	3.96	1.41	0.62	3.54	0.43	0.14	0.79	2.80	1.40	1.30	0.28	0.03	0.39	0.19	2.70	0.08	0.12	0.89	-		71.8
Pension costs	£m	1.45	0.01	0.10	0.00	2.83	4.4	0.54	0.43	1.80	0.10	0.64	0.11	0.09	0.39	0.07	0.03	0.07	0.33	0.10	0.13	0.03	-0.00	0.01	0.02	0.33	0.01	0.02	0.12	-		9.8
Costs per FTE																																	
Unit cost labour only	£000s	43.0	49.9	21,085.1	49.9	52.3	49.9	58.2	66.5	49.4	36.0	61.4	29.5	35.2	45.2	38.8	65.9	45.9	60.0	169.5	70.5	65.3	47.9	49.9	83.6	49.9	49.9	49.9	49.9	-	-	51.3
Unit cost labour + pensions	£000s	49.3	57.2	24,169.1	57.2	60.0	57.2	66.6	75.7	56.0	42.6	71.3	31.8	40.5	50.2	45.4	77.8	50.2	67.1	181.5	77.8	71.7	47.3	51.4	92.3	56.1	58.0	58.0	56.8	-	-	58.3
2014																																	
Number of FTEs																																	
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	216.66	0.60	13.25	1.67	448.54	680.7	76.36	55.18	315.76	16.30	62.48	53.64	17.56	94.96	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	6.06	58.26	4.45	3.73	14.17	-	-	1,565.7
Total	FTEs	216.7	0.6	13.3	1.7	448.5	680.7	76.4	55.2	315.8	16.3	62.5	53.6	17.6	95.0	11.4	2.0	17.6	38.2	12.5	20.6	3.7	-	-	6.1	58.3	4.4	3.7	14.2	-	-	1,565.7
Costs																																	
Labour cost	£m	10.18	0.03	0.62	0.08	21.02	31.9	4.60	3.84	16.62	0.57	3.95	1.58	0.62	3.89	0.45	0.14	0.79	2.66	1.40	1.30	0.29	-	2.01	0.28	2.73	0.21	0.17	0.66	-		80.7
Pension costs	£m	1.74	0.00	0.11	0.01	2.99	4.9	0.57	0.37	1.61	0.10	0.56	0.12	0.09	0.41	0.07	0.00	0.07	0.35	0.10	0.16	0.04	-	0.31	-	0.34	0.03	0.03	0.07	-		10.3
Costs per FTE																																	
Unit cost labour only	£000s	47.0	46.9	46.9	46.9	46.9	46.9	60.3	69.5	52.6	35.1	63.2	29.5	35.4	40.9	39.4	73.6	45.1	69.6	112.4	63.0	77.7	-	-	46.9	46.9	46.9	46.9	46.9	-	-	51.6
Unit cost labour + pensions	£000s	55.0	55.0	55.0	55.0	53.5	54.0	67.8	76.3	57.7	41.3	72.1	31.7	40.5	45.3	45.8	76.0	49.1	78.7	120.1	70.7	87.4	-	-	46.9	52.7	54.5	54.5	51.8	-	-	58.1
2015																																	
Number of FTEs																																	
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	268.25	1.78	20.81	1.57	377.63	670.1	76.36	55.18	315.76	16.30	62.48	53.64	17.56	106.42	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	3.42	67.00	4.44	4.38	15.22	-	-	1,574.3
Total	FTEs	268.3	1.8	20.8	1.6	377.6	670.1	76.4	55.2	315.8	16.3	62.5	53.6	17.6	106.4	11.4	2.0	17.6	38.2	12.5	20.6	3.7	-	-	3.4	67.0	4.4	4.4	15.2	-	-	1,574.3
Costs																																	
Labour cost	£m	11.43	0.08	0.89	0.07	16.08	28.5	4.55	3.79	16.41	0.57	3.95	1.58	0.62	4.19	0.45	0.14	0.79	2.66	1.40	1.30	0.30	-	2.01	0.15	2.85	0.19	0.19	0.65	-		77.3
Pension costs	£m	2.34	0.01	0.15	0.01	3.64	6.2	0.75	0.50	2.14	0.16	0.75	0.18	0.14	0.70	0.12	0.01	0.11	0.44	0.15	0.25	0.04	-	0.31	-	0.35	0.03	0.03	0.07	-		13.4
Costs per FTE																																	
Unit cost labour only	£000s	42.6	42.6	42.6	42.6	42.6	42.6	59.5	68.6	52.0	35.1	63.2	29.5	35.4	39.4	39.4	68.9	45.1	69.6	112.4	63.0	79.9	-	-	42.6	42.6	42.6	42.6	42.6	-	-	49.1
Unit cost labour + pensions	£000s	51.3	50.0	50.0	50.0	52.2	51.8	69.3	77.7	58.8	44.8	75.1	32.9	43.4	45.9	49.6	72.1	51.3	81.3	124.6	75.0	89.5	-	-	42.6	47.8	49.5	49.5	47.0	-	-	57.6
2016																																	
Number of FTEs																																	
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	271.37	7.45	21.86	0.78	363.84	665.3	76.36	55.18	315.76	16.30	62.48	53.64	17.56	105.60	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	-	82.97	4.04	-	14.70	-	-	1,576.0
Total	FTEs	271.4	7.4	21.9	0.8	363.8	665.3	76.4	55.2	315.8	16.3	62.5	53.6	17.6	105.6	11.4	2.0	17.6	38.2	12.5	20.6	3.7	-	-	-	83.0	4.0	-	14.7	-	-	1,576.0
Costs																																	
Labour cost	£m	11.41	0.31	0.92	0.03	15.29	28.0	4.45	3.71	16.06	0.57	3.95	1.58	0.62	4.87	0.45	0.13	0.79	2.63	1.39	1.29	0.29	-	-	-	3.49	0.17	-	0.62	-		75.0
Pension costs	£m	2.44	0.05	0.16	0.01	3.61	6.3	0.84	0.56	2.41	0.16	0.78	0.18	0.14	0.81	0.12	0.01	0.11	0.48	0.15	0.25	0.04	-	-	-	0.45	0.03	-	0.06	-		13.8
Costs per FTE																																	
Unit cost labour only	£000s	42.0	42.0	42.0	42.0	42.0	42.0	58.3	67.2	50.9	35.1	63.2	29.5	35.4	46.1	39.4	67.2	44.6	69.0	111.3	62.4	78.9	-	-	-	42.0	42.0	-	42.0	-	-	47.6

Unit cost labour + pensions	£000s	51.0	49.3	49.3	49.3	52.0	51.5	69.2	77.4	58.5	44.8	75.6	32.9	43.4	53.8	49.5	70.3	50.7	81.5	123.2	74.7	88.3	-	-	-	47.5	48.9	-	46.3	-	-	56.4

2017

Number of FTEs																															
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	318.75	7.56	21.55	0.77	367.56	**716.2**	76.36	55.18	315.76	16.30	62.48	53.64	17.56	114.33	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	-	81.55	3.80	-	12.68	-	-	**1,631.9**
Total	FTEs	**318.7**	**7.6**	**21.5**	**0.8**	**367.6**	**716.2**	**76.4**	**55.2**	**315.8**	**16.3**	**62.5**	**53.6**	**17.6**	**114.3**	**11.4**	**2.0**	**17.6**	**38.2**	**12.5**	**20.6**	**3.7**	**-**	**-**	**-**	**81.6**	**3.8**	**-**	**12.7**	**-**	**-**	**1,631.9**
Costs																															
Labour cost	£m	13.59	0.32	0.92	0.03	15.67	**30.5**	4.35	3.62	15.70	0.57	3.95	1.58	0.62	4.27	0.45	0.13	0.78	2.60	1.37	1.27	0.29	-	-	-	3.48	0.16	-	0.54	-		**76.3**
Pension costs	£m	2.72	0.06	0.16	0.01	3.48	**6.4**	0.84	0.56	2.31	0.15	0.78	0.17	0.13	0.68	0.11	0.01	0.10	0.48	0.14	0.24	0.03	-	-	-	0.45	0.03	-	0.06	-		**13.7**
Costs per FTE																															
Unit cost labour only	£000s	42.6	42.6	42.6	42.6	42.6	42.6	57.0	65.7	49.7	35.1	63.2	29.5	35.4	37.3	39.4	66.7	44.0	68.1	109.9	61.6	76.7	-	-	-	42.6	42.6	-	42.6	-	-	46.7
Unit cost labour + pensions	£000s	51.2	50.0	50.0	50.0	52.1	51.6	67.9	75.9	57.1	44.3	75.6	32.7	43.0	43.3	49.0	69.8	49.8	80.6	121.0	73.3	85.7	-	-	-	48.2	49.6	-	47.4	-	-	55.1

2018

Number of FTEs																															
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	310.90	7.66	22.15	0.79	385.30	**726.8**	76.36	55.18	315.76	16.30	62.48	53.64	17.56	81.25	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	-	83.74	3.72	-	12.91	-	-	**1,611.8**
Total	FTEs	**310.9**	**7.7**	**22.2**	**0.8**	**385.3**	**726.8**	**76.4**	**55.2**	**315.8**	**16.3**	**62.5**	**53.6**	**17.6**	**81.3**	**11.4**	**2.0**	**17.6**	**38.2**	**12.5**	**20.6**	**3.7**	**-**	**-**	**-**	**83.7**	**3.7**	**-**	**12.9**	**-**	**-**	**1,611.8**
Costs																															
Labour cost	£m	12.89	0.32	0.92	0.03	15.98	**30.1**	4.25	3.54	15.34	0.57	3.95	1.58	0.62	3.43	0.45	0.13	0.77	2.57	1.35	1.25	0.27	-	-	-	3.47	0.15	-	0.54	-		**74.4**
Pension costs	£m	2.58	0.06	0.16	0.01	3.51	**6.3**	0.83	0.57	2.13	0.15	0.78	0.17	0.13	0.54	0.11	0.01	0.10	0.48	0.14	0.23	0.03	-	-	-	0.45	0.03	-	0.06	-		**13.3**
Costs per FTE																															
Unit cost labour only	£000s	41.5	41.5	41.5	41.5	41.5	41.5	55.7	64.2	48.6	35.1	63.2	29.5	35.4	42.2	39.4	66.0	43.5	67.2	108.5	60.8	73.3	-	-	-	41.5	41.5	-	41.5	-	-	46.2
Unit cost labour + pensions	£000s	49.8	48.7	48.7	48.7	50.6	50.2	66.6	74.4	55.3	44.2	75.6	32.7	42.9	48.9	48.9	69.1	49.1	79.8	119.4	72.0	82.2	-	-	-	46.9	48.2	-	46.0	-	-	54.4

2019

Number of FTEs																															
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	287.28	2.55	21.31	0.76	369.92	**681.8**	76.36	55.18	315.76	16.30	62.48	53.64	17.56	75.78	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	-	80.47	3.58	-	12.47	-	-	**1,557.5**
Total	FTEs	**287.3**	**2.6**	**21.3**	**0.8**	**369.9**	**681.8**	**76.4**	**55.2**	**315.8**	**16.3**	**62.5**	**53.6**	**17.6**	**75.8**	**11.4**	**2.0**	**17.6**	**38.2**	**12.5**	**20.6**	**3.7**	**-**	**-**	**-**	**80.5**	**3.6**	**-**	**12.5**	**-**	**-**	**1,557.5**
Costs																															
Labour cost	£m	12.39	0.11	0.92	0.03	15.95	**29.4**	4.26	3.55	15.36	0.57	3.95	1.58	0.62	3.57	0.45	0.15	0.76	2.53	1.33	1.24	0.27	-	-	-	3.47	0.15	-	0.54	-		**73.7**
Pension costs	£m	2.49	0.02	0.16	0.01	3.33	**6.0**	0.74	0.57	2.05	0.14	0.78	0.16	0.13	0.55	0.11	0.01	0.09	0.48	0.13	0.22	0.03	-	-	-	0.45	0.03	-	0.06	-		**12.7**
Costs per FTE																															
Unit cost labour only	£000s	43.1	43.1	43.1	43.1	43.1	43.1	55.7	64.3	48.6	35.1	63.2	29.5	35.4	47.1	39.4	74.4	42.9	66.3	107.1	60.0	72.3	-	-	-	43.1	43.1	-	43.1	-	-	47.3
Unit cost labour + pensions	£000s	51.8	50.6	50.6	50.6	52.1	51.9	65.4	74.5	55.1	43.9	75.6	32.6	42.7	54.4	48.6	77.6	48.3	78.8	117.5	70.7	81.1	-	-	-	48.8	50.1	-	47.9	-	-	55.5

2020

Number of FTEs																															
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	269.21	2.39	20.76	0.75	359.70	**652.8**	76.36	55.18	315.76	16.30	62.48	53.64	17.56	64.94	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	-	80.10	3.52	-	12.32	-	-	**1,517.1**
Total	FTEs	**269.2**	**2.4**	**20.8**	**0.8**	**359.7**	**652.8**	**76.4**	**55.2**	**315.8**	**16.3**	**62.5**	**53.6**	**17.6**	**64.9**	**11.4**	**2.0**	**17.6**	**38.2**	**12.5**	**20.6**	**3.7**	**-**	**-**	**-**	**80.1**	**3.5**	**-**	**12.3**	**-**	**-**	**1,517.1**
Costs																															
Labour cost	£m	11.79	0.10	0.91	0.03	15.75	**28.6**	4.10	3.42	14.81	0.57	3.95	1.58	0.62	3.44	0.45	0.14	0.75	2.50	1.32	1.22	0.27	-	-	-	3.51	0.15	-	0.54	-		**71.9**
Pension costs	£m	2.38	0.02	0.16	0.01	3.14	**5.7**	0.73	0.56	1.85	0.14	0.78	0.16	0.12	0.50	0.10	0.01	0.09	0.47	0.12	0.21	0.03	-	-	-	0.46	0.03	-	0.06	-		**12.1**
Costs per FTE																															
Unit cost labour only	£000s	43.8	43.8	43.8	43.8	43.8	43.8	53.7	62.0	46.9	35.1	63.2	29.5	35.4	52.9	39.4	69.2	42.4	65.5	105.7	59.2	71.4	-	-	-	43.8	43.8	-	43.8	-	-	47.4
Unit cost labour + pensions	£000s	52.6	51.4	51.4	51.4	52.5	52.5	63.3	72.2	52.8	43.5	75.6	32.4	42.3	60.6	48.1	72.4	47.4	77.9	115.5	69.4	80.1	-	-	-	49.5	50.9	-	48.6	-	-	55.4

2021

Number of FTEs																															
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	275.41	1.96	21.85	0.81	370.41	**670.4**	76.36	55.18	315.76	16.30	62.48	53.64	17.56	55.33	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	-	86.95	3.78	-	13.28	-	-	**1,533.1**
Total	FTEs	**275.4**	**2.0**	**21.9**	**0.8**	**370.4**	**670.4**	**76.4**	**55.2**	**315.8**	**16.3**	**62.5**	**53.6**	**17.6**	**55.3**	**11.4**	**2.0**	**17.6**	**38.2**	**12.5**	**20.6**	**3.7**	**-**	**-**	**-**	**87.0**	**3.8**	**-**	**13.3**	**-**	**-**	**1,533.1**
Costs																															
Labour cost	£m	11.24	0.08	0.89	0.03	15.11	**27.4**	3.99	3.32	14.39	0.57	3.95	1.58	0.62	3.18	0.45	0.13	0.74	2.47	1.30	1.21	0.26	-	-	-	3.55	0.15	-	0.54	-		**69.8**
Pension costs	£m	2.26	0.01	0.15	0.01	2.91	**5.3**	0.73	0.56	1.67	0.13	0.78	0.15	0.11	0.44	0.09	0.01	0.08	0.47	0.11	0.20	0.03	-	-	-	0.46	0.03	-	0.06	-		**11.4**
Costs per FTE																															
Unit cost labour only	£000s	40.8	40.8	40.8	40.8	40.8	40.8	52.2	60.2	45.6	35.1	63.2	29.5	35.4	57.4	39.4	66.4	41.9	64.7	104.4	58.5	70.5	-	-	-	40.8	40.8	-	40.8	-	-	45.5
Unit cost labour + pensions	£000s	49.0	47.9	47.9	47.9	48.6	48.8	61.7	70.3	50.8	43.0	75.6	32.3	42.0	65.3	47.7	69.6	46.6	77.0	113.5	68.0	79.1	-	-	-	46.2	47.4	-	45.3	-	-	53.0

2022

Number of FTEs																															
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	275.48	1.74	23.61	0.87	361.58	**663.3**	76.36	55.18	315.76	16.30	62.48	53.64	17.56	68.99	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	-	95.06	4.08	-	14.40	-	-	**1,549.2**
Total	FTEs	**275.5**	**1.7**	**23.6**	**0.9**	**361.6**	**663.3**	**76.4**	**55.2**	**315.8**	**16.3**	**62.5**	**53.6**	**17.6**	**69.0**	**11.4**	**2.0**	**17.6**	**38.2**	**12.5**	**20.6**	**3.7**	**-**	**-**	**-**	**95.1**	**4.1**	**-**	**14.4**	**-**	**-**	**1,549.2**
Costs																															
Labour cost	£m	10.40	0.07	0.89	0.03	13.66	**25.1**	3.91	3.26	14.11	0.57	3.95	1.58	0.62	3.60	0.45	0.13	0.73	2.44	1.29	1.19	0.26	-	-	-	3.59	0.15	-	0.54	-		**67.4**
Pension costs	£m	2.08	0.01	0.15	0.01	2.63	**4.9**	0.63	0.46	1.46	0.12	0.68	0.14	0.11	0.45	0.09	0.01	0.08	0.47	0.10	0.18	0.03	-	-	-	0.47	0.03	-	0.06	-		**10.4**
Costs per FTE																															
Unit cost labour only	£000s	37.8	37.8	37.8	37.8	37.8	37.8	51.2	59.0	44.7	35.1	63.2	29.5	35.4	52.2	39.4	66.6	41.4	64.0	103.3	57.9	69.7	-	-	-	37.8	37.8	-	37.8	-	-	43.5
Unit cost labour + pensions	£000s	45.3	44.3	44.3	44.3	45.1	45.1	59.4	67.4	49.3	42.4	74.0	32.1	41.4	58.8	47.0	69.7	45.7	76.2	111.6	66.5	78.2	-	-	-	42.7	43.9	-	41.9	-	-	50.3

2023

Number of FTEs																															
DNO Own	FTEs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related Parties	FTEs	257.62	1.98	21.86	0.81	332.44	**614.7**	76.36	55.18	315.76	16.30	62.48	53.64	17.56	75.41	11.45	1.97	17.64	38.20	12.46	20.64	3.74	-	-	-	89.04	3.78	-	13.39	-	-	**1,499.7**
Total	FTEs	**257.6**	**2.0**	**21.9**	**0.8**	**332.4**	**614.7**	**76.4**	**55.2**	**315.8**	**16.3**	**62.5**	**53.6**	**17.6**	**75.4**	**11.4**	**2.0**	**17.6**	**38.2**	**12.5**	**20.6**	**3.7**	**-**	**-**	**-**	**89.0**	**3.8**	**-**	**13.4**	**-**	**-**	**1,499.7**
Costs																															
Labour cost	£m	10.51	0.08	0.89	0.03	13.56	**25.1**	3.82	3.19	13.80	0.57	3.95	1.58	0.62	3.56	0.45	0.13	0.72	2.41	1.27	1.18	0.26	-	-	-	3.63	0.15	-	0.55	-		**66.9**
Pension costs	£m	2.02	0.01	0.15	0.01	2.49	**4.7**	0.53	0.45	1.35	0.11	0.68	0.12	0.09	0.40	0.08	0.01	0.07	0.37	0.09	0.16	0.03	-	-	-	0.48	0.03	-	0.06	-		**9.8**
Costs per FTE																															
Unit cost labour only	£000s	40.8	40.8	40.8	40.8	40.8	40.8	50.1	57.7	43.7	35.1	63.2	29.5	35.4	47.2	39.4	66.9	40.8	63.1	101.9	57.1	68.8	-	-	-	40.8	40.8	-	40.8	-	-	44.6
Unit cost labour + pensions	£000s	48.6	47.9	47.9	47.9	48.3	48.4	57.0	65.9	48.0	41.7	74.0	31.8	40.8	52.6	46.3	70.0	44.7	72.8	109.3	64.9	77.2	-	-	-	46.1	47.4	-	45.3	-	-	51.1

CM21: Metal Theft and Vandalism
SPN
Price base (2012/13)

Activity Volumes

Metal Theft Remedial works		Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
			DPCR4		DPCR5							RIIO-ED1					#	#
Underground Cables		Number of thefts		-	25	17	14	14	14	14	14	14	14	14	14	14	**70.00**	**112.00**
O/H lines		Number of thefts		-	75	60	45	45	45	45	45	45	45	45	45	45	**225.00**	**360.00**
Distribution Substations		Number of thefts		-	1,048	715	588	588	588	588	588	588	588	588	588	588	**2,938.33**	**4,701.33**
Other Substations		Number of thefts		-	48	-	16	16	16	16	16	16	16	16	16	16	**80.00**	**128.00**
Risk Mitigation/other																		
Inspections	Underground Cables	Number of sites inspected		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspections	O/H Lines	Number of sites inspected		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspections	Substations	Number of sites inspected		-	1,765	1,315	1,540	1,540	1,540	1,540	1,540	1,540	1,540	1,540	1,540	1,540	**6,160.00**	**12,320.00**
Anti Theft Security Enhancements	Underground Cables	Number of sites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anti Theft Security Enhancements	O/H Lines	Number of sites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anti Theft Security Enhancements	Substations	Number of sites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation site security																		
Task force liaison utilities and emergency services																		
Corporate Communications/Community Awareness																		
Site Security																		
Theft of stock																		
Impact																		
Claims & Compensation		Number of guaranteed standards/ex-gratia payments		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Direct Costs

Metal Theft Remedial works		Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
			DPCR4		DPCR5							RIIO-ED1					(£m)	(£m)
Underground Cables		Number of thefts		-	0	0	0	0	0	0	0	0	0	0	0	0	**0.06**	**0.10**
O/H lines		Number of thefts		-	0	0	0	0	0	0	0	0	0	0	0	0	**0.20**	**0.32**
Distribution Substations		Number of thefts		-	1	1	1	1	1	1	1	1	1	1	1	1	**2.64**	**4.22**
Other Substations		Number of thefts		-	0	-	0	0	0	0	0	0	0	0	0	0	**0.08**	**0.12**
Risk Mitigation/other																		
Inspections	Underground Cables	Number of sites inspected		-	1.14	0.64	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	**2.98**	**4.76**
Inspections	O/H Lines	Number of sites inspected		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspections	Substations	Number of sites inspected		-	0	0	0	0	0	0	0	0	0	0	0	0	**1.08**	**1.72**
Anti Theft Security Enhancements	Underground Cables	Number of sites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anti Theft Security Enhancements	O/H Lines	Number of sites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anti Theft Security Enhancements	Substations	Number of sites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Substation site security					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Task force liaison utilities and emergency services					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate Communications/Community Awareness					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Site Security					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Theft of stock					0	0	-	-	-	-	-	-	-	-	-	-	**0.88**	-
Impact					**0.38**	**0.56**	**0.58**	**0.22**	**0.22**	**0.22**	**0.22**	**0.22**	**0.22**	**0.22**	**0.22**	**0.22**	**1.96**	**1.72**
Claims & Compensation		Number of guaranteed standards/ex-gratia payments		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual Unit Cost

Metal Theft Remedial works		Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
			DPCR4		DPCR5							RIIO-ED1				
			£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Underground Cables		Number of thefts		0.0	1.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
O/H lines		Number of thefts		0.0	1.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Distribution Substations		Number of thefts		0.0	1.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Other Substations		Number of thefts		0.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Risk Mitigation/other																
Inspections	Underground Cables	Number of sites inspected		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inspections	O/H Lines	Number of sites inspected		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inspections	Substations	Number of sites inspected		0.0	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Anti Theft Security Enhancements	Underground Cables	Number of sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anti Theft Security Enhancements	O/H Lines	Number of sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anti Theft Security Enhancements	Substations	Number of sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Substation site security																
Task force liaison utilities and emergency services																
Corporate Communications/Community Awareness																
Site Security																
Theft of stock																
Impact																
Claims & Compensation		Number of guaranteed standards/ex-gratia payments		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Multi-Year Average Unit Cost

Metal Theft Remedial works		Units	2 year	3 year	4 year	DPCR5	2 year	3 year	4 year	5 year	6 year	7 year	RIIO-ED1
			2011-2012	2011-2013	2011-2014	2011-2015	2016-2017	2016-2018	2016-2019	2016-2020	2016-2021	2016-2022	2016-2023
			£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
Underground Cables		Number of thefts	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
O/H lines		Number of thefts	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Distribution Substations		Number of thefts	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Other Substations		Number of thefts	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Risk Mitigation/other													
Inspections	Underground Cables	Number of sites inspected				0.0							0.0
Inspections	O/H Lines	Number of sites inspected				0.0							0.0
Inspections	Substations	Number of sites inspected	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Anti Theft Security Enhancements	Underground Cables	Number of sites				0.0							0.0
Anti Theft Security Enhancements	O/H Lines	Number of sites				0.0							0.0
Anti Theft Security Enhancements	Substations	Number of sites				0.0							0.0
Substation site security													
Task force liaison utilities and emergency services													
Corporate Communications/Community Awareness													
Site Security													
Theft of stock													
Impact													
Claims & Compensation		Number of guaranteed standards/ex-gratia payments				0.0							0.0

Incentive Rate

			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
			DPCR4		DPCR5							RIIO-ED1					(£m)	(£m)
CI		Number of interruptions per 100 connected customers		-	2	0	1	1	1	1	1	1	1	1	1	1	**3.98**	**7.96**
CML		Minutes lost per connected customer		-	1	1	1	1	1	1	1	1	1	1	1	1	**3.54**	**7.08**
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0.59**	**0.94**
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2.11**	**3.38**

Financial impact

			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
			DPCR4		DPCR5							RIIO-ED1				
CI		Number of interruptions per 100 connected customers		-	**0.18**	**0.06**	**0.12**	**0.12**	**0.12**	**0.12**	**0.12**	**0.12**	**0.12**	**0.12**	**0.12**	**0.12**
CML		Minutes lost per connected customer		-	**0.48**	**0.26**	**0.37**	**0.37**	**0.37**	**0.37**	**0.37**	**0.37**	**0.37**	**0.37**	**0.37**	**0.37**

CM102: IT & Telecoms Insource and outsource analysis
SPN
Price base (2012/13)

			Total Direct Costs															
			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
Insource			DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	Telecoms - Telecontrol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	Telecoms - Network		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	Telecoms Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Servers Support/ Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Lan Support / Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Environmental Control Systems		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Clients Support/ services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal				**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-	**-**
IT Applications Costs	IT Maintenance and Running Costs Operational	IT Applications maintenance and running costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total				**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-	**-**
Outsourced																		
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	Telecoms - Telecontrol		1.35	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.9	**0**
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	Telecoms - Network		-	-	0.25	0.29	0.30	0.31	0.32	0.31	0.31	0.31	0.31	0.30	0.30	0.8	**2**
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	Telecoms Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Servers Support/ Services		-	-	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.1	**0**
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Lan Support / Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Environmental Control Systems		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Clients Support/ services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Infrastructure & Management Costs	IT Maintenance and Running Costs Operational	IT Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Subtotal				**1.35**	**1.51**	**0.25**	**0.34**	**0.32**	**0.31**	**0.33**	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**	3.8	**3**
IT Applications Costs	IT Maintenance and Running Costs Operational	IT Applications maintenance and running costs		-	-	0.27	0.34	0.38	0.40	0.41	0.40	0.40	0.41	0.41	0.41	0.41	1.0	**3**
Total				**1.35**	**1.51**	**0.53**	**0.68**	**0.70**	**0.71**	**0.74**	**0.71**	**0.72**	**0.72**	**0.72**	**0.71**	**0.72**	4.8	**6**
Total IT and Telecoms Costs Operational				**1.35**	**1.51**	**0.53**	**0.68**	**0.70**	**0.71**	**0.74**	**0.71**	**0.72**	**0.72**	**0.72**	**0.71**	**0.72**	4.8	**6**

Insource and outsource analysis

Insource																		
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	Telecoms - Telecontrol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	Telecoms - Network		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	Telecoms Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Servers Support/ Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Lan Support / Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Environmental Control Systems		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Clients Support/ services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Management		0.47	0.48	0.95	1.18	1.18	1.20	1.22	1.25	1.27	1.30	1.32	1.35	1.38	4.2	**10**
Subtotal				**0.47**	**0.48**	**0.95**	**1.18**	**1.18**	**1.20**	**1.22**	**1.25**	**1.27**	**1.30**	**1.32**	**1.35**	**1.38**	4.2	**10**
IT Applications Costs	IT Maintenance and Running Costs Non-Op	IT Applications maintenance and running costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Total				**0.47**	**0.48**	**0.95**	**1.18**	**1.18**	**1.20**	**1.22**	**1.25**	**1.27**	**1.30**	**1.32**	**1.35**	**1.38**	4.2	**10**
Outsourced																		
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	Telecoms - Telecontrol																
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	Telecoms - Network		0.99	1.00	1.76	1.68	1.78	1.80	1.84	1.76	1.77	1.77	1.76	1.75	1.74	7.2	**14**
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	Telecoms Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Servers Support/ Services		1.16	1.17	0.92	1.03	1.06	1.38	1.43	1.37	1.38	1.38	1.37	1.36	1.36	5.3	**11**
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Lan Support / Services		-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	**0**
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Environmental Control Systems		-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Clients Support/ services		1.32	1.32	0.95	1.00	1.05	1.08	1.13	1.07	1.08	1.08	1.07	1.07	1.06	5.6	**9**
Infrastructure & Management Costs	IT Maintenance and Running Costs Non-Op	IT Management		0.20	0.19	0.24	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.7	**0**
Subtotal				**3.67**	**3.67**	**3.88**	**3.72**	**3.90**	**4.28**	**4.42**	**4.22**	**4.25**	**4.24**	**4.22**	**4.19**	**4.18**	18.8	**34**
IT Applications Costs	IT Maintenance and Running Costs Non-Op	IT Applications maintenance and running costs		5.58	5.69	3.46	3.38	3.53	3.55	3.39	3.23	3.26	3.26	3.24	3.23	3.22	21.6	**26**
Total				**9.26**	**9.37**	**7.34**	**7.10**	**7.43**	**7.83**	**7.81**	**7.46**	**7.51**	**7.50**	**7.46**	**7.42**	**7.40**	40.5	**60**
Total IT and Telecoms Costs Non-Op				**9.72**	**9.84**	**8.29**	**8.28**	**8.61**	**9.03**	**9.04**	**8.70**	**8.79**	**8.80**	**8.79**	**8.77**	**8.78**	44.7	**71**
Total IT and Telecoms Costs				**11.07**	**11.35**	**8.82**	**8.95**	**9.30**	**9.75**	**9.78**	**9.42**	**9.51**	**9.52**	**9.50**	**9.49**	**9.50**	49.5	**76**

CM103: Social
SPN
Price base (2012/13)

Scheme Name	Category	Output/Benefit delivered	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	DPCR5	RIIO-ED1
			DPCR4	DPCR5					RIIO-ED1								(£m)	(£m)
Developing the "customer champion" model	Controllable opex	Providing customers with targetted onsite support during power cuts, and ongoing support and community liaison and cross-business co-ordination to resolve concerns to the satisfaction of customers							0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		1.6
Enhancing communication channels	Controllable opex	Increasing use/variety of communication channels, to make information more accessible to customers - braille notifications, multi-lingual notifications, analog phones for landlines during power cuts, increase use of social media, and embracing new technologies such as web chat							0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6		4.1
Connecting with a customer's existing support net	Controllable opex	Improving customer data, and liaising with other agencies/institutions, residents and communities, to inform a customer's "care network" when the customer is experiencing a power cut							0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.8
Telephony enhancements	Controllable opex	Enhancing the telephony system, so that we can proactively notify/inform vulnerable customers about power cuts, and make it is easier for them to talk to a customer advisor when they call in. Also opportunity for greater customer use of self-service.							0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.8
Promoting our services	Controllable opex	Improving our communications through all contact channels, to more simply promote our service offering to vulnerable customers, and work with agencies/institutions to proactively identify and register vulnerable customers							0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		1.6
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
0	0	0							0	0	0	0	0	0	0	0		-
Total									**0.8**	**1.0**	**1.1**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**		8.9

Load related capex
Non-load related capex - asset replacement
Non-load related capex - other
Faults
Tree cutting
Controllable opex

CM104: Innovation
SPN
Price base (2012/13)

RIIO-ED1

Network Innovation Allowance

Revenue (base + mod) percentage (between 0.5% and 1%)	%	0.5%
Check - percentage between 0.5% and 1%		OK

DPCR5 innovation schemes/ product implemented

Type of scheme/ product implemented	Associated IFI and LCN Fund (ref Table C21)	Activity areas affected (e.g. Tree cutting)
Technologies for managing LV fault voltage and/or thermal constraints	LV Underground cable fault management (04 -11)	LV Faults location
0	0	0
Voltage Control	GenAVC Assessment Tool / Martham Primary RPZ (05 - 09)	Generation Connections
0	ACTIV (07 - 10)	Generation Connections
0	33kV Voltage control (06 - 10)	Generation Connections
0	0	0
Distribution Network Monitoring / Enabler for DSR	Intelligent Distribution Network Monitoring (08 - 09)	Distribution Network Monitoring (HV RTUs)
0	Distribution Network Visibility (LCNF Tier 1)	IT
0	LV Current Sensor technology evaluation (LCNF Tier 1)	IT
0	0	0
Demand Side Response (industrial)	Application of storage and demand side management (05 - 10)	Reinforcement
0	International DSM Survey (09-11)	Reinforcement
0	Low Carbon London (11 - present)	Reinforcement
0	0	0
Demand Side Response (residential)	Active Distribution networks with full integration of Demand and distributed energy RESourceS (08 - 13)	Reinforcement, Smart Metering benefits assessment
0	KEMA "Cool use of Energy" study (11 -12)	Reinforcement, Smart Metering benefits assessment
0	Low Carbon London (11 - present)	Reinforcement, Smart Metering benefits assessment
0	0	0
OHL	Increased Capacity of Overhead Lines (11 - Ongoing)	Reinforcement - Overhead Lines
0	STP2126: Conductor Exceedences (05-10)	Reinforcement - Overhead Lines
0	STP2157: Novel conductors for 132kV wood pole lines (09-10)	Reinforcement - Overhead Lines
0	0	0
Dynamic transformer ratings	Grid Transformer Monitoring (06 - 11)	Reinforcement & Asset Condition Replacement - Transformers
0	Transformer temperature fibre optic monitoring (06 - 08)	Reinforcement & Asset Condition Replacement - Transformers
0	Optimal Transformer utilisation model (07 - 11)	Reinforcement & Asset Condition Replacement - Transformers
0	0	0
Partial discharge	Online condition monitoring (04 -12)	Incipient HV faults detection and location
0	0	0
Asset life management	Sustainable Asset Risk and Prioritisation Modelling (11 - Ongoing)	Asset Condition Replacement
0	Intelligent Condition Monitoring and Diagnosis (10 - 11)	Asset Condition Replacement
0	Transformer Oil Health Index Tool (10 11)	Asset Condition Replacement - Transformers
0	Grid Transformer Monitoring (06 - 11)	Asset Condition Replacement - Transformers
0	Transformer temperature fibre optic monitoring (06 - 08)	Asset Condition Replacement - Transformers
0	0	0
PFT leak location	The Use of Perfluorocarbon Tracers (PFT) Leak location techniques (04 - 10)	Fluid Filled Cables Leak location
0	0	0
Active network management (ANM) to facilitate new connections or DSR	Automated Regional Active Network Management System (AURA-NMS) (05-12)	Reinforcement and/or Generation connections
0	Feasibility of an Active Network Management Solution (09 - 11)	Reinforcement and/or Generation connections
0	Low Carbon London (11 - present)	Reinforcement and/or Generation connections
0	Flexible Plug and Play (12 - present)	Reinforcement and/or Generation connections
0	0	0
Energy Storage (Hemsby and SNS)	Automated Regional Active Network Management System (AURA-NMS) (05-12)	Reinforcement
0	Application of storage and demand side management (05 - 10)	Reinforcement
0	Smarter Network Storage (SNS) (13 - present)	Reinforcement
0	0	0
Recycling excavated material	Recycling excavated material (05-11)	Cable laying - excavations in highways
0	0	0
Climate change adaptation plans	Vegetation Management (07 -13)	Risk associated with climate change
0	Earthing Information System (08 - Ongoing)	Risk associated with climate change
0	0	0
Network Load Forecasting	Low Carbon Scenario Modelling (11-12)	Reinforcement, Uncertainty
0	Smart Grid Forum Workstream 3 (11-13)	Reinforcement, Uncertainty
0	0	0
Substation Communications	Primary SCADA communications, IP Upgrade (06 - 08)	Primary SCADA Communications
0	0	0
Distributed Generation connections - Technical Solutions	STP5133: Tap Changers - Reverse Power Flow Capabilities (05)	Generation Connections
0	STP5209: Use of Quadrature Boosters on Distribution Networks (11)	Generation Connections
0	Flexible Plug and Play (12 - present)	Generation Connections
0	Fault Current Limiter trial **	Generation Connections
0	0	0
Distributed Generation connections - Interruptible Connections Agreements	Flexible Plug and Play (12 - present)	Generation Connections
0	0	0
Advanced protection	Flexible Plug and Play (12 - present)	Generation Connections, Protection
0	0	0
Cable design and utilisation	STP: CRATER Cable rating tool development (04 - present)	Reinforcement - cables
0	0	0
0	0	0
* Brackets denot e the years over which the IFI and/or LCNF project ran	0	0
** This project attracted the majority of its funding from the Energy Technologies Institute (ETI)	0	0

CM105: HI Ratings Probabilities of Failure

SPN

Price base (2012/13)

ASSET CATEGORIES	HI Rating									
	HI 1		HI 2		HI 3		HI 4		HI 5	
	Low boundary	High boundary	Low boundary	High boundary	Low boundary	High boundary	Low boundary	High boundary	Low boundary	High boundary
LV Network										
LV Switchgear and Other	0.00000	0.00216	0.00000	0.00495	0.00495	0.01037	0.01037	0.01461	0.01461	0.02551
LV UGB	0.00000	0.00287	0.00000	0.00430	0.00430	0.01003	0.01003	0.02150	0.02150	0.04014
LV OHL Support	0.00000	0.00304	0.00000	0.00304	0.00304	0.00307	0.00307	0.01375	0.01375	0.01960
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
HV Network										
HV Switchgear (GM) - Primary	0.00000	0.00350	0.00000	0.00350	0.00350	0.00961	0.00961	0.01448	0.01448	0.01867
HV Switchgear (GM) - Distribution	0.00000	0.00112	0.00000	0.00112	0.00112	0.00308	0.00308	0.00462	0.00462	0.00855
HV Transformer (GM)	0.00000	0.00176	0.00000	0.00215	0.00215	0.00391	0.00391	0.00765	0.00765	0.01186
HV UG Cable	0.00000	0.00176	0.00000	0.00215	0.00215	0.00391	0.00391	0.00765	0.00765	0.01186
HV OHL Support - Poles	0.00000	0.00206	0.00000	0.00206	0.00206	0.00569	0.00569	0.01061	0.01061	0.01452
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
EHV Network										
EHV Switchgear (GM)	0.00000	0.00884	0.00000	0.00884	0.00884	0.02451	0.02451	0.03652	0.03652	0.06766
EHV Transformer	0.00000	0.01701	0.00000	0.01701	0.01701	0.04671	0.04671	0.08546	0.08546	0.18502
EHV UG Cable (Gas)	0.00000	0.00107	0.00000	0.00107	0.00107	0.00294	0.00294	0.00532	0.00532	0.01168
EHV UG Cable (Oil)	0.00000	0.00107	0.00000	0.00107	0.00107	0.00294	0.00294	0.00532	0.00532	0.01168
EHV UG Cable (Non Pressurised)										
EHV OHL Support - Towers	0.00000	0.00000	0.00000	0.00000	0.00000	0.00016	0.00016	0.00040	0.00040	0.00091
EHV OHL Support - Poles	0.00000	0.00069	0.00000	0.00069	0.00069	0.00189	0.00189	0.00353	0.00353	0.00483
EHV OHL Fittings and Conductors (Tower Lines)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00016	0.00016	0.00036	0.00036	0.00066
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
132kV Network										
132kV CBs	0.0000	0.0103	0.0000	0.0103	0.0103	0.0291	0.0291	0.0408	0.0408	0.0664
132kV Transformer	0.0000	0.0170	0.0000	0.0170	0.0170	0.0467	0.0467	0.0855	0.0855	0.1850
132kV UG Cable (Gas)	0.0000	0.0011	0.0000	0.0011	0.0011	0.0029	0.0029	0.0053	0.0053	0.0117
132kV UG Cable (Oil)	0.0000	0.0011	0.0000	0.0011	0.0011	0.0029	0.0029	0.0053	0.0053	0.0117
132kV UG Cable (Non Pressurised)										
132kV OHL Support - Tower	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002	0.0004	0.0004	0.0009
132kV OHL Fittings and Conductors (Tower Lines)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002	0.0004	0.0004	0.0007
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
Other										
Submarine Cables										
[Please insert new asset category as required]										
[Please insert new asset category as required]										
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Health Index Definitions

HI1	New or as new
HI2	Good or seviceable condition
HI3	Deterioration requires assessment and monitoring
HI4	Material deterioration, intervention requires consideration
HI5	End of serviceable life, intervention required

HI1: Network Outputs DPCR5
SPN
Price base (2012/13)

ASSET CATEGORIES	ASSET REGISTER		HEALTH INDEX - CURRENT (as at 31 March)					HEALTH INDEX - 31 March 2015 (with no further DPCR5 intervention)					HEALTH INDEX - 31 March 2015 (with DPCR5 actual & forecast intervention)					DATA QUALITY - CURRENT (as at 31 March)					
																		Number of assets included for HI output measure	Primary form of measure	Number of assets actually observed	Average age of data used	Description of the form of measure used to assign a HI, the quality of data used, and any other relevant information	Degradation assumption adopted
	Current (as at 31 March)	Forecast (as at 31 March 2015)	HI 1	HI 2	HI 3	HI 4	HI 5	HI 1	HI 2	HI 3	HI 4	HI 5	HI 1	HI 2	HI 3	HI 4	HI 5	Assets	Health Condition Age Other	%	Years	Commentary	Description
LV Network																							
LV Switchgear and Other	20800	20986	2591	3357	13116	1637	99	2130	2931	13295	2273	171	2234	3117	13295	2273	67	20,800.0	Age	1	< 1	Statistical Asset Replacement Model (SARM)	Linear deterioration
LV UGB	29108	29246	14138	9332	4001	1208	429	10921	12016	4490	1236	445	11721	12154	4490	881	0	29,108.0	Condition	1	< 1	Markov model	Linear deterioration
LV OHL Support	126344	126155	22445	75072	23622	3335	1870	19798	73972	26269	4097	2208	22006	73783	26269	4097	0	126,344.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
HV Network																							
HV Switchgear (GM) - Primary	2906	2989	626	1840	409	30	1	619	1724	530	31	2	637	1818	530	4	0	2,906.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
HV Switchgear (GM) - Distribution	28622	27668	9109	8112	6726	2480	2195	7922	8997	6897	2362	2444	8838	9250	6897	2136	547	28,622.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
HV Transformer (GM)	21028	21230	3314	6371	11255	76	12	2632	6368	11828	176	24	2832	6570	11828	0	0	21,028.0	Condition	1	< 1	Statistical Asset Replacement Model (SARM)	Linear deterioration
HV UG Cable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		N/A	N/A	N/A	N/A	N/A
HV OHL Support - Poles	68023	68002	7768	47891	9748	1178	1438	6620	46821	11571	1508	1503	8123	46800	11571	1508	0	68,023.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
EHV Network																							
EHV Switchgear (GM)	789	798	309	424	53	3	0	299	404	83	3	0	299	413	83	3	0	789.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
EHV Transformer	484	495	50	328	78	17	11	50	312	88	19	15	54	323	88	19	11	484.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
EHV UG Cable (Gas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		Other	1	< 1	Age based	Age
EHV UG Cable (Oil)	465	459	9	305	129	16	6	7	300	135	16	7	7	253	148	11	40	465.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
EHV UG Cable (Non Pressurised)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		N/A	N/A	N/A	N/A	N/A
EHV OHL Support - Towers	575	575	0	211	332	27	5	0	193	350	27	5	0	193	350	27	5	575.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
EHV OHL Support - Poles	11751	11751	1179	8850	1372	138	212	969	8704	1682	182	214	1074	8704	1682	182	109	11,751.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
EHV OHL Fittings and Conductors (Tower Lines)	83	83	0	1	15	49	18	0	0	11	54	18	1	0	11	54	17	83.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
132kV Network																							
132kV CBs	215	234	69	88	20	35	3	64	91	20	36	4	71	117	20	25	1	215.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
132kV Transformer	181	183	28	115	27	8	3	25	109	33	8	6	28	114	33	5	3	181.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
132kV UG Cable (Gas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		Other	1	< 1	Age based	Age
132kV UG Cable (Oil)	237	234	77	111	45	2	2	70	110	49	6	2	75	78	60	4	17	237.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
132kV UG Cable (Non Pressurised)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		Other	N/A	N/A	N/A	N/A
132kV OHL Support - Tower	2575	2575	4	918	1133	499	21	0	901	1133	520	21	0	901	1133	520	21	2,575.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
132kV OHL Fittings and Conductors (Tower Lines)	1151	1151	224	602	325	0	0	220	532	399	0	0	246	532	373	0	0	1,151.0	Health	1	< 1	Asset Risk and Prioritisation (ARP)	Age, duty, environment, condition and defects
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
Other																							
Submarine Cables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		N/A	N/A	N/A	N/A	N/A
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0

Health Index Definitions

HI1	New or as new
HI2	Good or seviceable condition
HI3	Deterioration requires assessment and monitoring
HI4	Material deterioration, intervention requires consideration
HI5	End of serviceable life, intervention required

WI2: Secondary deliverables RIIO-ED1
SP8
Price base (2012/13)

ASSET CATEGORIES	Is in your current intention to have a health index for this asset category in the RIIO-ED1 control period.	ASSET REGISTER as at 31st March 2015	ASSET REGISTER as at 31st March 2023		End of DPCR5 (31 March 2015) with investment HI 1	HI 2	HI 3	HI 4	HI 5		End of DPCR5 (31 March 2015) without investment HI 1	HI 2	HI 3	HI 4	HI 5		Mid-Period Review (31 March 2019) with investment HI 1	HI 2	HI 3	HI 4	HI 5		Mid-Period Review (31 March 2019) without investment HI 1	HI 2	HI 3	HI 4	HI 5		End of RIIO-ED1 (31 March 2023) with investment HI 1	HI 2	HI 3	HI 4	HI 5		End of RIIO-ED1 (31 March 2023) without investment HI 1	HI 2	HI 3	HI 4	HI 5	
LV Network																																														
LV Switchgear and Other				C1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
				C2	1531	1533	9111	1558	46	13,779	1486	1347	9111	1558	91	13,593	1518	1371	9146	1644	0	13,779	961	1371	9146	2111	190	13,779	1322	1480	8545	3432	0	13,779	45	1480	8545	3378	331	13,779	45	1480	8545	3378	331	13,779
				C3	644	1451	3831	659	19	6,600	590	1451	3831	655	72	6,600	847	1445	3801	507	0	6,600	424	1445	3801	877	43	6,600	911	1469	3551	649	0	6,600	54	1469	3551	1404	102	6,600	54	1469	3551	1404	102	6,600
				C4	59	133	352	60	2	606	54	133	352	60	7	606	78	132	349	47	0	606	40	132	349	81	4	606	87	137	326	56	0	606	5	137	326	129	9	606	5	137	326	129	9	606
	Yes	20866	20866		2,234	3,117	13,295	2,273	67		2,130	2,931	13,295	2,273	171		2,543	2,948	13,297	3,108	-		1,435	2,948	13,297	3,069	237		2,320	3,106	12,423	3,137	-		104	3,106	12,423	4,911	692		104	3,106	12,423	4,911	692	
LV UGB				C1	4238	4345	1624	319	0	10,526	4074	4345	1624	319	164	10,526	3743	4083	2412	308	0	10,526	3265	4083	2412	753	33	10,526	3879	3642	2846	159	0	10,526	2732	3642	2846	1117	189	10,526	2732	3642	2846	1117	189	10,526
				C2	2738	2945	1048	356	0	6,938	2465	2887	1049	352	97	6,800	2597	2761	1379	101	0	6,838	2110	2761	1359	496	22	6,838	2537	3489	1659	283	0	6,838	1765	3489	1639	722	123	6,938	1765	3489	1639	722	123	6,938
				C3	4759	4858	1815	258	0	11,758	4347	4858	1815	564	184	11,758	4185	4542	2897	343	0	11,758	3653	4542	2897	841	27	11,758	4265	4072	3153	178	0	11,758	3054	4072	3182	1448	202	11,758	3054	4072	3182	1448	202	11,758
				C4	6	6	2	0	0	14	5	6	2	1	0	14	4	6	3	1	0	14	4	6	3	1	0	14	4	5	4	1	0	14	4	5	4	1	0	14	4	5	4	1	0	14
	Yes	26246	26246		11,721	12,314	4,490	881	-		10,533	12,016	4,490	1,236	445		10,630	11,372	6,401	753	-		9,030	11,372	6,471	2,081	92		10,755	10,208	7,652	621	-		7,355	10,208	7,671	3,068	524		7,355	10,208	7,671	3,068	524	
LV DFA Support				C1	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
				C2	21803	23930	28079	4087	0	124,969	19674	23139	28079	4087	2189	125,158	20752	24726	37003	12538	0	124,969	16316	24726	37003	13988	2856	124,969	22264	48074	35919	18524	458	124,969	13510	48074	35919	19864	7912	124,969	13510	48074	35919	19864	7912	124,969
				C3	143	852	189	0	0	1,184	124	852	189	0	19	1,184	201	539	350	104	0	1,184	140	539	350	132	20	1,184	128	456	337	181	0	1,184	128	456	337	189	76	1,184	128	456	337	189	76	1,184
				C4	0	1	1	0	0	2	0	1	1	0	0	2	0	1	1	0	0	2	0	1	1	0	0	2	0	1	1	0	0	2	0	1	1	0	0	2	0	1	1	0	0	2
	Yes	126155	126155		22,806	75,793	26,269	4,097	-		19,798	71,972	26,269	4,097	2,208		20,903	55,256	37,354	12,642	-		16,459	55,256	37,354	14,160	2,996		22,524	48,531	35,957	18,885	458		13,636	48,531	35,957	20,143	7,088		13,636	48,531	35,957	20,143	7,088	
[Please insert new asset category as required]				C1	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
				C2	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
				C3	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
				C4	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

				C3	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
				C4	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	1	1
	Yes	83	83		1	-	11	54	17		-	-	11	54	18		23	-	9	36	15		1	-	11	42	29		44	-	-	2	37		1	-	2	16	64	
[Please insert new asset category as required]				C1	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
				C2	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
				C3	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
				C4	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

W3: Secondary deliverables RIIO-ED1 - Asset replacement
SPM
Price base (2012/13)

ASSET CATEGORIES	Is it your current intention to have a health index for this asset category in the RIIO-ED1 control period.	ASSET REGISTER as at 31st March 2015	ASSET REGISTER as at 31st March 2023		End of DPCRS (31 March 2015) with investment HI 1	HI 2	HI 3	HI 4	HI 5		End of DPCRS (31 March 2015) without investment HI 1	HI 2	HI 3	HI 4	HI 5	
LV Network																
LV Switchgear and Other				C1						**1**	-	-	1	-	-	**1**
				C2	1,531	1,533	9,111	1,558	46	**13,779**	1,498	1,247	9,111	1,558	91	**13,503**
				C3	644	1,451	3,831	655	19	**6,600**	590	1,451	3,831	655	73	**6,600**
				C4	59	133	352	60	2	**606**	54	133	352	60	7	**606**
	Yes	20846	20846		**2,234**	**3,117**	**13,295**	**2,273**	**67**		**2,130**	**2,831**	**13,295**	**2,273**	**171**	
LV UGB				C1	4,218	4,345	1,624	319		**10,506**	4,074	4,345	1,624	319	154	**10,516**
				C2	2,718	2,945	1,049	206	-	**6,918**	2,495	2,807	1,049	352	97	**6,800**
				C3	4,736	4,859	1,815	356	-	**11,766**	4,347	4,859	1,815	564	184	**11,768**
				C4	6	6	2	-	-	**14**	5	6	2	1	-	**14**
	Yes	29246	29246		**11,721**	**12,154**	**4,490**	**881**	-		**10,921**	**12,016**	**4,490**	**1,236**	**445**	
LV OHL Support				C1						-	-	-	-	-	-	-
				C2	21,863	72,930	26,079	4,097	-	**124,969**	19,874	73,119	26,079	4,097	2,189	**125,158**
				C3	143	852	189	-	-	**1,184**	124	852	189	-	19	**1,184**
				C4	-	1	1	-	-	**2**	-	1	1	-	-	**2**
	Yes	126155	126155		**22,006**	**73,783**	**26,269**	**4,097**	-		**19,998**	**73,972**	**26,269**	**4,097**	**2,208**	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-

				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	1	-	1	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	-	1	1
	Yes	83	83		1	-	11	54	17		-	-	11	54	18		4	-	-	-	(4)		1	-	11	42	29		8	-	-	-	(8)		1	-	2	16	64	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
132kV Network																																								
132kV CBs				C1	56	56	9	7	-	128	56	53	9	10	-	128	3	0	0	0	-3	-	29	76	5	8	10	128	11	0	0	0	-11	-	2	99	6	1	20	128
				C2	14	52	9	15	1	91	7	29	9	23	4	72	8	0	0	0	-8	-	9	55	5	2	20	91	12	0	0	0	-12	-	9	51	1	-	30	91
				C3	-	9	1	3	-	13	-	9	1	3	-	13	1	0	0	0	-1	-	-	9	-	1	3	13	3	0	0	0	-3	-	-	9	-	-	4	13
				C4	1	-	1	-	-	2	1	-	1	-	-	2	0	0	0	0	0	-	1	-	1	-	-	2	0	0	0	0	0	-	-	1	-	1	-	2
	Yes	234	255		71	117	20	25	1		64	91	20	36	4		12	-	-	-	(12)		39	140	11	11	33		26	-	-	-	(26)		11	160	7	2	54	
132kV Transformer				C1	6	26	5	3	1	41	5	25	5	4	2	41	2	0	0	-1	-2	(1)	4	26	6	3	2	41	4	0	0	-3	-2	(1)	2	18	15	3	3	41
				C2	19	79	24	1	2	125	18	75	24	3	3	123	3	0	0	-3	0	-	12	70	35	6	2	125	5	0	0	-5	0	-	7	67	34	15	2	125
				C3	3	9	4	1	-	17	2	9	4	1	1	17	0	0	0	0	0	-	3	6	5	3	-	17	0	0	0	0	0	-	1	6	6	4	-	17
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	183	186		28	114	33	5	3		25	109	33	8	6		5	-	-	(4)	(2)		19	102	46	12	4		9	-	-	(8)	(2)		10	91	55	22	5	
132kV UG Cable (Gas)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	25	-	25	-	-	-	16	19	35	0	0	0	0	0	-	-	-	-	25	-	25	0	0	0	0	-11	(11)	-	-	-	-	25	25
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	25	14		-	-	-	25	-		-	-	-	16	19		-	-	-	-	-		-	-	-	25	-		-	-	-	-	(11)		-	-	-	-	25	
132kV UG Cable (Oil)				C1	11	11	9	1	2	34	10	16	7	1	-	34	0	0	0	0	0	-	10	10	8	3	3	34	0	0	0	0	0	-	10	7	11	3	3	34
				C2	9	11	8	-	2	30	9	15	7	1	1	33	0	0	0	0	0	-	9	8	8	3	2	30	0	0	0	0	0	(0)	9	5	10	3	3	30
				C3	12	11	9	1	3	36	11	17	7	1	-	36	0	0	0	0	0	-	10	11	9	3	3	36	0	0	0	0	0	-	10	8	11	4	3	36
				C4	43	45	34	2	10	134	40	62	28	3	1	134	0	0	0	0	-8	(8)	39	39	33	13	10	134	0	0	0	-2	-8	(10)	39	27	42	13	13	134
	Yes	234	224		75	78	60	4	17		70	110	49	6	2		-	-	-	-	(8)		68	68	58	22	18		-	-	-	(2)	(8)		68	47	74	23	22	
132kV UG Cable (Non Pressurised)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	No	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
132kV OHL Support - Tower				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	790	994	456	18	2,258	-	790	994	456	18	2,258	8	0	0	0	-8	-	-	790	964	486	18	2,258	16	0	0	0	-16	-	-	789	962	465	42	2,258
				C3	-	109	137	63	3	312	-	109	137	63	3	312	0	0	0	0	0	-	-	109	133	67	3	312	0	0	0	0	0	-	-	109	133	64	6	312
				C4	-	2	2	1	-	5	-	2	2	1	-	5	0	0	0	0	0	-	-	2	2	1	-	5	0	0	0	0	0	-	-	2	2	1	-	5
	Yes	2575	2575		-	901	1,133	520	21		-	901	1,133	520	21		8	-	-	-	(8)		-	901	1,099	554	21		16	-	-	-	(16)		-	900	1,097	530	48	
132kV OHL Fittings and Conductors (Tower Lines)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	215	464	324	-	-	1,003	189	464	350	-	-	1,003	111	0	0	-111	0	-	178	420	280	125	-	1,003	239	0	0	-239	0	-	26	494	244	239	-	1,003
				C3	31	68	48	-	-	147	31	68	48	-	-	147	18	0	0	-18	0	-	22	62	45	18	-	147	28	0	0	-28	0	-	-	72	39	36	-	147
				C4	-	-	1	-	-	1	-	-	1	-	-	1	1	0	0	-1	0	-	-	-	-	1	-	1	1	0	0	-1	0	-	-	-	-	1	-	1
	Yes	1151	1130		246	532	373	-	-		220	532	399	-	-		130	-	-	(130)	-		200	482	325	144	-		268	-	-	(268)	-		26	566	283	276	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
Other																																								
Submarine Cables				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	No	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
TOTAL		314,846	311,014		58,246	165,120	78,861	11,781	838		52,346	164,485	78,863	12,577	7,108		11,914	-	(295)	(6,046)	(7,252)		41,609	133,506	96,442	35,403	7,886		23,805	-	(324)	(8,728)	(18,138)		29,435	121,756	97,406	44,372	21,877	

Health Index Definitions

HI1	New or as new
HI2	Good or seviceable condition
HI3	Deterioration requires assessment and monitoring
HI4	Material deterioration, intervention requires consideration
HI5	End of serviceable life, intervention required

Criticality Index Definitions

C1	Low criticality
C2	Average criticality
C3	High criticality
C4	Very high criticality

W4: Secondary deliverables RIIO-ED1 - refurbishment
SPN
Price base (2012/13)

ASSET CATEGORIES	Is it your current intention to base a health index for this asset category in the RIIO-ED1 control period.	ASSET REGISTER			End of DPCR5 (31 March 2015) with investment						End of DPCR5 (31 March 2015) without investment						Mid-Period Review (31 March 2018) planned investment						Mid-Period Review (31 March 2018) without investment						End of RIIO-ED1 (31 March 2023) planned investment						End of RIIO-ED1 (31 March 2023) without investment					
		as at 31st March 2015	as at 31st March 2023		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5	
LV Network																																								
LV Switchgear and Other				C1			1			**1**			1			**1**	0	0	0	0	0	-			1			**1**	0	0	0	0	0	-			1			**1**
				C2	1,531	1,533	9,111	1,558	46	**13,779**	1,486	1,347	9,111	1,558	91	**13,593**	0	0	0	0	0	-	961	1,371	9,146	2,111	190	**13,779**	0	0	0	0	0	-	45	1,480	8,545	3,378	321	**13,779**
				C3	844	1,451	3,831	655	19	**6,800**	590	1,451	3,831	655	72	**6,600**	0	0	0	0	0	-	424	1,445	3,801	877	43	**6,600**	0	0	0	0	0	-	54	1,489	3,551	1,404	102	**6,600**
				C4	59	133	352	60	2	**606**	54	133	352	60	7	**606**	0	0	0	0	0	-	40	132	349	81	4	**606**	0	0	0	0	0	-	5	137	326	129	9	**606**
	Yes	20985	20985		**2,234**	**3,117**	**13,291**	**2,273**	**67**		**2,130**	**2,931**	**13,295**	**2,273**	**171**		**1,401**	**2,948**	**15,297**	**3,060**	**237**		-	-	-	-	-		**104**	**3,106**	**12,423**	**4,911**	**642**	
LV UGB				C1	4,238	4,345	1,624	319	-	**10,526**	4,074	4,345	1,624	319	164	**10,526**	0	0	0	0	0	-	3,265	4,263	2,412	753	33	**10,526**	0	0	0	0	0	-	2,732	3,642	2,846	1,117	189	**10,526**
				C2	2,738	2,945	1,049	208	-	**6,938**	2,416	2,807	1,049	352	97	**6,800**	0	0	0	0	0	-	2,110	2,761	1,559	466	22	**6,938**	0	0	0	0	0	-	1,765	2,469	1,839	722	123	**6,938**
				C3	4,739	4,858	1,815	356	-	**11,768**	4,347	4,858	1,815	564	184	**11,768**	0	0	0	0	0	-	3,651	4,542	2,697	841	37	**11,768**	0	0	0	0	0	-	3,054	4,072	3,182	1,248	212	**11,768**
				C4	6	6	2	-	-	**14**	5	6	2	1	-	**14**	0	0	0	0	0	-	4	6	3	1	-	**14**	0	0	0	0	0	-	4	5	4	1	-	**14**
	Yes	26246	26246		**11,721**	**12,154**	**4,490**	**881**	**-**		**10,921**	**12,016**	**4,490**	**1,236**	**446**		**9,030**	**11,172**	**6,671**	**2,081**	**92**		-	-	-	-	-		**7,005**	**10,208**	**7,671**	**3,098**	**524**	
LV OHL Support				C1						-						-	0	0	0	0	0	-						-	0	0	0	0	0	-						-
				C2	21,863	72,930	26,079	4,097	-	**124,969**	19,874	73,119	26,079	4,097	2,199	**125,158**	0	0	0	0	0	-	16,316	54,726	37,003	13,868	2,956	**124,969**	0	0	0	0	0	-	13,510	48,074	35,619	19,954	7,912	**124,969**
				C3	143	852	189	-	-	**1,184**	124	852	189	-	19	**1,184**	0	0	0	0	0	-	143	529	350	132	20	**1,184**	0	0	0	0	0	-	126	456	337	189	76	**1,184**
				C4	-	1	1	-	-	**2**	-	1	1	-	-	**2**	0	0	0	0	0	-	-	1	1	-	-	**2**	0	0	0	0	0	-	-	1	1	-	-	**2**
	Yes	135135	135135		**22,006**	**75,783**	**30,359**	**4,097**	**-**		**10,796**	**73,972**	**30,359**	**4,097**	**2,208**		**16,450**	**55,256**	**37,354**	**14,100**	**2,986**		-	-	-	-	-		**13,636**	**48,531**	**35,957**	**20,143**	**7,888**	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	1	-	1	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	-	1	1
	Yes	83	83		1	-	11	54	17		-	-	11	54	18		-	-	-	-	-		1	-	11	42	29		-	-	-	-	-		1	-	2	16	64	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

WS: Secondary deliverables RIIO-ED1 - General reinforcement
SPM
Price base (2012/13)

ASSET CATEGORIES	Is it your current intention to have a health index for this asset category in the RIIO-ED1 control period.	ASSET REGISTER			End of DPCR5 (31 March 2015) with investment						End of DPCR5 (31 March 2015) without investment						Mid-Period Review (31 March 2018) planned investment						Mid-Period Review (31 March 2018) without investment						End of RIIO-ED1 (31 March 2023) planned investment						End of RIIO-ED1 (31 March 2023) without investment					
		as at 31st March 2015	as at 31st March 2023		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5	
LV Network																																								
LV Switchgear and Other				C1			1			**1**			1			**1**						-			1			-						-			1			**1**
				C2	1,531	1,533	9,111	1,558	46	**13,779**	1,486	1,347	9,111	1,558	91	**13,593**						-	961	1,371	9,146	2,111	190	**13,779**						-	45	1,480	8,545	3,378	331	**13,779**
				C3	644	1,451	3,831	655	19	**6,600**	590	1,451	3,831	655	72	**6,600**						-	424	1,445	3,801	877	43	**6,600**						-	54	1,489	3,551	1,404	102	**6,600**
				C4	59	133	352	60	2	**606**	54	133	352	60	7	**606**						-	40	132	349	81	4	**606**						-	5	137	326	129	9	**606**
	Yes	20985	20985		**2,234**	**3,117**	**13,291**	**2,273**	**67**		**2,136**	**2,931**	**13,235**	**2,273**	**171**		-	-	-	-	-		**1,491**	**2,948**	**15,207**	**3,069**	**237**		-	-	-	-	-		**104**	**3,106**	**12,423**	**4,911**	**442**	
LV UGB				C1	4,238	4,345	1,624	319	-	**10,526**	4,074	4,345	1,624	319	164	**10,526**						-	3,265	4,263	2,412	753	33	**10,526**						-	2,732	3,642	2,846	1,117	189	**10,526**
				C2	2,736	2,945	1,049	208	-	**6,938**	2,495	2,807	1,049	352	97	**6,800**						-	2,110	2,761	1,559	446	22	**6,938**						-	1,765	2,499	1,839	722	123	**6,938**
				C3	4,739	4,858	1,815	356	-	**11,768**	4,347	4,858	1,815	564	184	**11,768**						-	3,655	4,542	2,697	841	37	**11,768**						-	3,054	4,072	3,182	1,248	212	**11,768**
				C4	6	6	2	-	-	**14**	5	6	2	1	-	**14**						-	4	6	3	1	-	**14**						-	4	5	4	1	-	**14**
	Yes	28245	28245		**11,721**	**12,154**	**4,490**	**881**	**-**		**10,021**	**12,016**	**4,490**	**1,236**	**445**		-	-	-	-	-		**9,030**	**11,572**	**6,871**	**2,081**	**92**		-	-	-	-	-		**7,035**	**10,208**	**7,871**	**3,088**	**524**	
LV OHL Support				C1						-						-																								-
				C2	21,863	72,930	26,079	4,097	-	**124,969**	19,874	73,119	26,079	4,097	2,189	**125,158**						-	16,316	54,726	37,003	13,968	2,956	**124,969**						-	13,510	48,074	35,619	19,954	7,912	**124,969**
				C3	143	852	189	-	-	**1,184**	124	852	189	-	19	**1,184**						-	143	529	350	132	20	**1,184**						-	126	456	337	189	76	**1,184**
				C4	-	1	1	-	-	**2**	-	1	1	-	-	**2**						-	-	1	1	-	-	**2**						-	-	1	1	-	-	**2**
	Yes	126155	126155		**22,006**	**73,783**	**26,269**	**4,097**	**-**		**19,998**	**73,972**	**26,269**	**4,097**	**2,208**		-	-	-	-	-		**16,459**	**55,256**	**37,354**	**14,100**	**2,976**		-	-	-	-	-		**13,636**	**48,531**	**35,957**	**20,143**	**7,988**	
(Please insert new asset category as required)				C1						-						-																								-
				C2						-						-																								-
				C3	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
(Please insert new asset category as required)				C1						-						-																								-
				C2	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
(Please insert new asset category as required)				C1						-						-																								-
				C2	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
(Please insert new asset category as required)				C1						-						-																								-
				C2	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
HV Network																																								
HV Switchgear (GM) - Primary				C1	494	947	398	4	-	**1,843**	477	947	398	20	1	**1,843**						-	427	878	538	183	7	**1,843**						-	211	838	620	336	38	**1,843**
				C2	99	627	103	-	-	**829**	98	533	103	11	1	**746**						-	74	427	222	106	-	**829**						-	40	270	358	149	12	**829**
				C3	44	244	29	-	-	**317**	44	244	29	-	-	**317**						-	38	181	50	48	-	**317**						-	20	102	135	57	3	**317**
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	Yes	2989	2986		**637**	**1,818**	**530**	**4**	**-**		**639**	**1,724**	**530**	**31**	**2**		-	-	-	-	-		**569**	**1,386**	**810**	**337**	**7**		-	-	-	-	-		**271**	**1,010**	**1,113**	**542**	**52**	
HV Switchgear (GM) - Distribution				C1	3,169	1,294	117	22	4	**4,606**	3,169	1,294	117	22	4	**4,606**						-	1,477	2,931	42	88	68	**4,606**						-	266	4,101	52	28	157	**4,606**
				C2	5,578	7,761	8,551	2,065	522	**22,477**	4,662	7,508	8,551	2,291	2,419	**23,431**						-	4,507	8,127	1,170	6,052	2,621	**22,477**						-	2,324	9,700	1,039	1,616	7,798	**22,477**
				C3	91	195	229	49	21	**585**	91	195	229	49	21	**585**						-	2	137	98	175	173	**585**						-	-	105	74	44	362	**585**
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	Yes	27658	23969		**8,838**	**9,250**	**8,897**	**2,136**	**547**		**7,922**	**8,997**	**8,897**	**2,362**	**2,444**		-	-	-	-	-		**5,986**	**11,195**	**1,310**	**6,315**	**2,852**		-	-	-	-	-		**2,592**	**13,906**	**1,165**	**1,489**	**8,317**	
HV Transformer (GM)				C1	1,332	2,840	5,559	-	-	**9,731**	1,258	2,840	5,559	62	11	**9,731**						-	720	3,228	5,574	199	-	**9,731**						-	139	3,457	5,717	418	-	**9,731**
				C2	651	1,916	2,720	-	-	**5,287**	595	1,714	2,720	50	8	**5,085**						-	382	1,888	2,913	104	-	**5,287**						-	72	2,009	2,988	218	-	**5,287**
				C3	566	1,209	2,366	-	-	**4,141**	518	1,209	2,366	43	5	**4,141**						-	311	1,374	2,370	86	-	**4,141**						-	59	1,471	2,433	178	-	**4,141**
				C4	263	605	1,183	-	-	**2,071**	260	605	1,183	21	2	**2,071**						-	155	667	1,186	43	-	**2,071**						-	30	736	1,216	89	-	**2,071**
	Yes	21230	21230		**2,812**	**6,570**	**11,828**	**-**	**-**		**2,032**	**6,368**	**11,828**	**176**	**24**		-	-	-	-	-		**1,578**	**7,177**	**12,043**	**432**	**-**		-	-	-	-	-		**350**	**7,673**	**12,154**	**903**	**-**	
HV UG Cable				C1	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	No	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
HV OHL Support - Poles				C1	742	7,231	1,620	179	-	**9,772**	742	7,231	1,620	179	-	**9,772**						-	558	5,694	2,706	1,021	393	**9,772**						-	392	4,298	2,825	1,534	733	**9,772**
				C2	4,761	27,072	6,789	938	-	**39,560**	3,776	27,093	6,789	938	965	**39,561**						-	3,243	20,614	10,962	4,136	605	**39,560**						-	2,533	17,389	11,440	6,215	1,983	**39,560**
				C3	2,618	12,458	3,162	391	-	**18,629**	2,100	12,458	3,162	391	518	**18,629**						-	1,581	8,711	5,159	1,947	231	**18,629**						-	1,246	8,194	5,165	2,935	879	**18,629**
				C4	41	39	-	-	-	**41**	41	2	39	-	-	**41**						-	2	12	11	4	2	**41**						-	2	18	12	6	3	**41**
	Yes	68602	68602		**8,123**	**46,800**	**11,571**	**1,509**	**-**		**6,620**	**46,821**	**11,571**	**1,508**	**1,503**		-	-	-	-	-		**5,384**	**35,441**	**18,838**	**7,108**	**1,231**		-	-	-	-	-		**4,163**	**29,059**	**18,662**	**10,693**	**3,596**	
(Please insert new asset category as required)				C1	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
(Please insert new asset category as required)				C1	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
(Please insert new asset category as required)				C1	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-						-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
EHV Network																																								
EHV Switchgear (GM)				C1	136	76	5	-	-	**217**	136	76	5	-	-	**217**	0	0	0	0	0	-	131	71	13	2	-	**217**	0	0	0	0	0	-	80	117	18	2		**217**
				C2	153	280	69	3	-	**505**	153	271	69	3	-	**496**	43	-26	0	0	0	17	112	227	143	11	12	**505**	0	-26	0	0	0	20	74	140	207	17	17	**505**
				C3	8	54	8	-	-	**70**	8	54	8	-	-	**70**	0	0	0	0	0	-	8	41	16	-	-	**70**	0	0	0	0	0	-	5	32	26	2	5	**70**
				C4	2	3	1	-	-	**6**	2	3	1	-	-	**4**	0	0	0	0	0	-	2	2	2	-	-	**6**	0	0	0	0	0	-	-	2	4	-	-	**6**
	Yes	798	818		**299**	**413**	**83**	**3**	**-**		**299**	**404**	**83**	**3**	**-**		**43**	**(26)**	**-**	**-**	**-**		**253**	**341**	**174**	**13**	**17**		**46**	**(26)**	**-**	**-**	**-**		**159**	**341**	**255**	**21**	**22**	
EHV Transformer				C1	21	140	22	8	3	**194**	21	140	22	8	3	**194**	4	-2	-6	0	0	**(3)**	11	109	52	14	8	**194**	4	-2	-6	0	0	**(6)**	5	85	79	16	9	**194**
				C2	29	154	59	11	6	**259**	29	143	59	11	9	**246**	20	-6	-3	-2	-1	**8**	22	120	84	23	10	**259**	20	-6	-3	-2	-1	**14**	13	83	96	46	16	**259**
				C3	4	29	7	-	2	**42**	3	29	7	-	3	**42**	0	0	0	0	0	-	4	17	18	1	2	**42**	0	0	0	0	0	-	2	9	23	5	3	**42**
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	495	503		**54**	**323**	**88**	**10**	**11**		**50**	**312**	**88**	**10**	**15**		**24**	**(8)**	**(8)**	**(2)**	**(1)**		**37**	**246**	**154**	**38**	**20**		**32**	**(8)**	**(12)**	**(2)**	**(1)**		**19**	**184**	**107**	**67**	**28**	
EHV UG Cable (Gas)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	7	-	**7**	-	-	-	7	-	**7**	0	0	0	0	0	-	-	-	-	7	-	**7**	0	0	0	0	0	-	-	-	-	-	7	**7**
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	7	0		-	-	-	**7**	-		-	-	-	**7**	-		-	-	-	-	-		-	-	-	**7**	-		-	-	-	-	-		-	-	-	-	**7**	
EHV UG Cable (Oil)				C1	2	69	41	3	11	**126**	2	84	38	-	2	**126**	0	0	0	0	0	-	-	48	59	2	17	**126**	0	0	0	0	0	-	-	23	80	5	18	**126**
				C2	3	96	56	5	15	**175**	3	117	51	5	5	**181**	0	0	0	0	0	-	-	67	82	24	3	**175**	0	0	0	0	0	-	-	34	111	6	24	**175**
				C3	2	80	47	3	13	**145**	2	90	42	11	-	**146**	0	0	0	0	0	-	-	55	68	3	19	**145**	0	0	0	0	0	-	-	26	92	6	21	**145**
				C4	-	8	4	-	1	**13**	-	9	4	-	-	**13**	0	0	0	0	0	-	-	5	6	-	2	**13**	0	0	0	0	0	-	-	2	8	1	2	**13**
	Yes	459	436		**7**	**253**	**148**	**11**	**40**		**7**	**300**	**135**	**16**	**7**		-	-	-	-	-		-	**175**	**215**	**8**	**61**		-	-	-	-	-		-	**85**	**291**	**18**	**65**	
EHV UG Cable (Non Pressurised)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	No	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
EHV OHL Support - Towers				C1	-	113	206	16	3	**338**	-	113	206	16	3	**338**	0	0	0	0	0	-	-	102	208	16	12	**338**	0	0	0	0	0	-	-	102	189	25	22	**338**
				C2	-	56	101	7	2	**166**	-	56	101	7	2	**166**	0	0	0	0	0	-	-	51	103	7	5	**166**	0	0	0	0	0	-	-	51	94	11	10	**166**
				C3	-	5	9	1	-	**15**	-	5	9	1	-	**15**	0	0	0	0	0	-	-	4	9	1	1	**15**	0	0	0	0	0	-	-	4	9	1	1	**15**
				C4	-	19	34	3	-	**56**	-	19	34	3	-	**56**	0	0	0	0	0	-	-	17	34	3	2	**56**	0	0	0	0	0	-	-	17	30	5	4	**56**
	Yes	575	575		**-**	**193**	**350**	**27**	**5**		**-**	**193**	**350**	**27**	**5**		-	-	-	-	-		**-**	**174**	**354**	**27**	**20**		-	-	-	-	-		**-**	**174**	**332**	**42**	**37**	
EHV OHL Support - Poles				C1	61	499	94	11	8	**673**	61	499	94	11	6	**673**	0	0	0	0	0	-	27	355	210	61	20	**673**	0	0	0	0	0	-	24	279	245	80	45	**673**
				C2	3	37	3	-	-	**43**	3	37	3	-	-	**43**	0	0	0	0	0	-	2	21	14	4	2	**43**	0	0	0	0	0	-	1	19	16	5	2	**43**
				C3	952	7,695	1,492	161	97	**10,397**	847	7,695	1,492	161	202	**10,397**	0	0	0	0	0	-	517	5,488	3,249	936	207	**10,397**	0	0	0	0	0	-	472	4,313	3,795	1,216	588	**10,397**
				C4	58	473	91	10	6	**638**	58	473	91	10	6	**638**	0	0	0	0	0	-	25	338	199	57	19	**638**	0	0	0	0	0	-	23	264	232	76	43	**638**
	Yes	11751	11751		**1,074**	**8,704**	**1,682**	**182**	**109**		**968**	**8,704**	**1,682**	**182**	**214**		**-**	**-**	**-**	**-**	**-**		**571**	**6,262**	**3,672**	**1,058**	**248**		**-**	**-**	**-**	**-**	**-**		**520**	**4,875**	**4,278**	**1,409**	**678**	
EHV OHL Fittings and Conductors (Tower Lines)				C1	1	-	8	42	13	**64**	-	-	8	42	14	**64**	10	0	-2	-6	-10	-	1	-	8	33	22	**64**	25	0	-2	-12	-12	-	1	-	2	12	49	**64**
				C2	-	-	3	11	4	**18**	-	-	3	11	4	**18**	0	0	0	0	0	-	-	-	3	8	7	**18**	9	0	0	-2	-7	-	-	-	-	4	14	**18**

Expenditure on Health Index asset categories

Expenditure on General Reinforcement associated with HI 1 LV	Yes
Expenditure on General Reinforcement associated with HI 2 HV	No
Expenditure on General Reinforcement associated with HI 3 EHV	
Expenditure on General Reinforcement associated with HI 4 132kV	
Expenditure on General Reinforcement associated with Total	

End of DPCR5 (31 March 2015) with investment	Mid-Period Review (31 March 2018) planned investment	End of RIIO-ED1 (31 March 2023) planned investment
£m	£m	£m
1	1	1
5	8	11
3	3	6
9	**11**	**18**

				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	1	-	1	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	-	1	1
	Yes	83	83		1	-	11	54	17		-	-	11	54	18		18	-	(2)	(6)	(10)		1	-	11	42	29		35	-	(2)	(14)	(19)		1	-	2	16	64	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
132kV Network																																								
132kV CBs				C1	56	56	9	7	-	128	56	53	9	10	-	128	0	0	0	0	0	-	29	76	5	8	10	128	0	-1	-2	0	0	(3)	2	99	6	1	20	128
				C2	14	52	9	15	1	91	7	29	9	23	4	72	10	0	0	0	0	10	9	55	5	2	20	91	18	0	0	0	0	18	9	51	1	-	30	91
				C3	-	9	1	3	-	13	-	9	1	3	-	13	0	0	0	0	0	-	-	9	-	1	3	13	0	0	0	0	0	-	-	9	-	-	4	13
				C4	1	-	1	-	-	2	1	-	1	-	-	2	0	0	0	0	0	-	1	-	1	-	-	2	0	0	0	0	0	-	-	1	-	1	-	2
	Yes	234	255		71	117	20	25	1		64	91	20	36	4		10	-	-	-	-		39	140	11	11	33		18	(1)	(2)	-	-		11	160	7	2	54	
132kV Transformer				C1	6	26	5	3	1	41	5	25	5	4	2	41	0	0	0	0	0	-	4	26	6	3	2	41	0	0	0	0	0	-	2	18	15	3	3	41
				C2	19	79	24	1	2	125	18	75	24	3	3	123	3	0	0	0	0	3	12	70	35	6	2	125	4	0	0	0	0	4	7	67	34	15	2	125
				C3	3	9	4	1	-	17	2	9	4	1	1	17	0	0	0	0	0	-	3	6	5	3	-	17	0	0	0	0	0	-	1	6	6	4	-	17
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	183	186		28	114	33	5	3		25	109	33	8	6		3	-	-	-	-		19	102	46	12	4		4	-	-	-	-		10	91	55	22	5	
132kV UG Cable (Gas)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	25	-	25	-	-	-	16	19	35	0	0	0	0	0	-	-	-	-	25	-	25	0	0	0	0	0	-	-	-	-	-	25	25
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	25	14		-	-	-	25	-		-	-	-	16	19		-	-	-	-	-		-	-	-	25	-		-	-	-	-	-		-	-	-	-	25	
132kV UG Cable (Oil)				C1	11	11	9	1	2	34	10	16	7	1	-	34	0	0	0	0	0	-	10	10	8	3	3	34	0	0	0	0	0	-	10	7	11	3	3	34
				C2	9	11	8	-	2	30	9	15	7	1	1	33	0	0	0	0	0	-	9	8	8	3	2	30	0	0	0	0	0	-	9	5	10	3	3	30
				C3	12	11	9	1	3	36	11	17	7	1	-	36	0	0	0	0	0	-	10	11	9	3	3	36	0	0	0	0	0	-	10	8	11	4	3	36
				C4	43	45	34	2	10	134	40	62	28	3	1	134	0	0	0	0	0	-	39	39	33	13	10	134	0	0	0	0	0	-	39	27	42	13	13	134
	Yes	234	224		75	78	60	4	17		70	110	49	6	2		-	-	-	-	-		68	68	58	22	18		-	-	-	-	-		68	47	74	23	22	
132kV UG Cable (Non Pressurised)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	No	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
132kV OHL Support - Tower				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	790	994	456	18	2,258	-	790	994	456	18	2,258	3	0	-3	0	0	-	-	790	964	486	18	2,258	3	0	-3	0	0	-	-	789	962	465	42	2,258
				C3	-	109	137	63	3	312	-	109	137	63	3	312	0	0	0	0	0	-	-	109	133	67	3	312	0	0	0	0	0	-	-	109	133	64	6	312
				C4	-	2	2	1	-	5	-	2	2	1	-	5	0	0	0	0	0	-	-	2	2	1	-	5	0	0	0	0	0	-	-	2	2	1	-	5
	Yes	2575	2575		-	901	1,133	520	21		-	901	1,133	520	21		3	-	(3)	-	-		-	901	1,099	554	21		3	-	(3)	-	-		-	900	1,097	530	48	
132kV OHL Fittings and Conductors (Tower Lines)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	215	464	324	-	-	1,003	189	464	350	-	-	1,003	7	0	-6	0	0	1	178	420	280	125	-	1,003	7	0	-6	0	0	1	26	494	244	239	-	1,003
				C3	31	68	48	-	-	147	31	68	48	-	-	147	0	0	0	0	0	-	22	62	45	18	-	147	0	0	0	0	0	-	-	72	39	36	-	147
				C4	-	-	1	-	-	1	-	-	1	-	-	1	0	0	0	0	0	-	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	1	-	1
	Yes	1151	1130		246	532	373	-	-		220	532	399	-	-		7	-	(6)	-	-		200	482	325	144	-		7	-	(6)	-	-		26	566	283	276	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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Other																																								
Submarine Cables				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
TOTAL		314,846	311,014		58,246	165,120	78,861	11,781	838		52,346	164,485	78,863	12,577	7,108		108	(34)	(19)	(8)	(11)		41,609	133,506	96,442	35,403	7,886		145	(35)	(26)	(16)	(20)		29,435	121,756	97,406	44,372	21,877	

Health Index Definitions

HI1	New or as new
HI2	Good or seviceable condition
HI3	Deterioration requires assessment and monitoring
HI4	Material deterioration, intervention requires consideration
HI5	End of serviceable life, intervention required

Criticality Index Definitions

C1	Low criticality
C2	Average criticality
C3	High criticality
C4	Very high criticality

WI6: Secondary deliverables RIIO-ED1 - Faults
SPM
Price base (2012/13)

ASSET CATEGORIES	Is it your current intention to have a health index for this asset category in the RIIO-ED1 control period.	ASSET REGISTER			End of DPCR5 (31 March 2015) with investment						End of DPCR5 (31 March 2015) without investment						Mid-Period Review (31 March 2018) planned investment						Mid-Period Review (31 March 2018) without investment						End of RIIO-ED1 (31 March 2023) planned investment						End of RIIO-ED1 (31 March 2023) without investment					
		as at 31st March 2015	as at 31st March 2023		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5	
LV Network																																								
LV Switchgear and Other				C1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	0	0	0	0	0	-	-	-	1	-	-	1
				C2	1,531	1,533	9,111	1,558	46	13,779	1,486	1,347	9,111	1,558	91	13,593	16	0	0	0	-16	-	961	1,371	9,146	2,111	190	13,779	31	0	0	0	-31	-	45	1,480	8,545	3,378	321	13,779
				C3	644	1,451	3,831	655	19	6,600	590	1,451	3,831	655	72	6,600	7	0	0	0	-7	-	424	1,445	3,801	877	43	6,600	14	0	0	0	-14	-	54	1,489	3,551	1,404	102	6,600
				C4	59	133	352	60	2	606	54	133	352	60	7	606	1	0	0	0	-1	-	40	132	349	81	4	606	3	0	0	0	-3	-	5	137	326	129	9	606
	Yes	20985	20985		2,234	3,117	13,291	2,273	67		2,130	2,931	13,295	2,273	171		24	-	-	-	(24)		1,491	2,948	13,287	3,060	237		48	-	-	-	(48)		104	3,106	12,423	4,911	442	
LV UGB				C1	4,238	4,345	1,624	319	-	10,526	4,074	4,345	1,624	319	164	10,526	0	0	0	0	0	-	3,245	4,263	2,412	753	33	10,526	0	0	0	0	0	-	2,732	3,642	2,846	1,117	189	10,526
				C2	2,736	2,945	1,049	206	-	6,936	2,416	2,807	1,049	352	97	6,800	0	0	0	0	0	-	2,110	2,761	1,559	466	22	6,936	0	0	0	0	0	-	1,765	2,469	1,839	722	123	6,936
				C3	4,739	4,858	1,815	356	-	11,768	4,347	4,858	1,815	564	184	11,768	0	0	0	0	0	-	3,651	4,542	2,697	841	37	11,768	0	0	0	0	0	-	3,054	4,072	3,182	1,248	212	11,768
				C4	6	6	2	-	-	14	5	6	2	1	-	14	0	0	0	0	0	-	4	6	3	1	-	14	0	0	0	0	0	-	4	5	4	1	-	14
	Yes	35245	35245		11,721	12,154	4,490	881	-		10,921	12,016	4,490	1,236	445		-	-	-	-	-		9,030	11,172	6,675	2,091	92		-	-	-	-	-		7,555	10,208	7,871	3,088	524	
LV OHL Support				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	21,863	72,930	26,079	4,097	-	124,969	19,874	73,119	26,079	4,097	2,199	125,158	0	0	0	0	0	-	16,316	54,726	37,003	13,868	2,956	124,969	0	0	0	0	0	-	13,510	48,074	35,619	19,954	7,812	124,969
				C3	143	852	189	-	-	1,184	124	852	189	-	19	1,184	0	0	0	0	0	-	143	529	350	132	20	1,184	0	0	0	0	0	-	126	456	337	189	76	1,184
				C4	-	1	1	-	-	2	-	1	1	-	-	2	0	0	0	0	0	-	-	1	1	-	-	2	0	0	0	0	0	-	-	1	1	-	-	2
	Yes	135155	135155		22,006	73,783	26,269	4,097	-		19,998	73,972	26,269	4,097	2,218		-	-	-	-	-		16,459	55,256	37,354	14,100	2,986		-	-	-	-	-		13,636	49,531	35,987	20,143	7,888	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
HV Network																																								
HV Switchgear (GM) - Primary				C1	494	947	398	4	-	1,843	477	947	398	20	1	1,843	0	0	0	0	0	-	437	878	538	183	7	1,843	0	0	0	0	0	-	211	838	610	336	38	1,843
				C2	99	627	103	-	-	829	98	533	103	11	1	746	0	0	0	0	0	-	74	427	222	106	-	829	0	0	0	0	0	-	40	270	358	149	12	829
				C3	44	244	29	-	-	317	44	244	29	-	-	317	0	0	0	0	0	-	38	181	50	48	-	317	0	0	0	0	0	-	20	102	135	57	3	317
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	2989	2989		637	1,818	530	4	-		619	1,724	530	31	2		-	-	-	-	-		548	1,286	810	337	7		-	-	-	-	-		271	1,010	1,113	542	53	
HV Switchgear (GM) - Distribution				C1	3,169	1,294	117	22	4	4,606	3,149	1,294	117	22	4	4,606	31	0	0	0	-68	(37)	1,477	2,931	42	88	68	4,606	65	0	0	0	-143	(78)	266	4,101	52	28	157	4,606
				C2	5,578	7,761	6,551	2,065	522	22,477	4,662	7,508	6,551	2,291	2,419	23,431	177	0	0	-3	-370	(196)	4,507	8,127	1,170	6,052	2,621	22,477	351	0	0	-3	-737	(386)	2,324	9,700	1,039	1,616	7,798	22,477
				C3	91	195	229	49	21	585	91	195	229	49	21	585	4	0	0	0	-10	(6)	2	137	98	175	173	585	8	0	0	0	-20	(12)	-	105	74	44	362	585
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	27658	23969		8,838	9,250	6,897	2,136	547		7,902	8,997	6,897	2,362	2,444		212	-	-	(3)	(448)		5,986	11,195	1,310	6,315	2,852		424	-	-	(3)	(893)		2,592	13,906	1,165	1,488	8,317	
HV Transformer (GM)				C1	1,332	2,840	5,559	-	-	9,731	1,258	2,840	5,559	62	11	9,731	18	0	0	-18	0	-	720	3,228	5,574	199	-	9,731	36	0	0	-36	0	-	139	3,457	5,717	418	-	9,731
				C2	651	1,916	2,720	-	-	5,287	595	1,714	2,720	50	8	5,085	10	0	0	-10	0	-	382	1,888	2,913	104	-	5,287	20	0	0	-20	0	-	72	2,009	2,988	218	-	5,287
				C3	565	1,209	2,366	-	-	4,141	518	1,209	2,366	43	5	4,141	8	0	0	-8	0	-	311	1,374	2,370	86	-	4,141	16	0	0	-16	0	-	59	1,471	2,433	178	-	4,141
				C4	283	655	1,163	-	-	2,071	260	655	1,163	21	8	2,071	4	0	0	-4	0	-	155	687	1,186	43	-	2,071	8	0	0	-8	0	-	30	736	1,214	89	-	2,071
	Yes	21230	21230		2,852	6,570	11,809	-	-		2,632	6,368	11,809	176	24		40	-	-	(40)	-		1,570	7,177	12,043	432	-		80	-	-	(80)	-		300	7,673	12,154	903	-	
HV UG Cable				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	No	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
HV OHL Support - Poles				C1	742	7,231	1,620	179	-	9,772	742	7,231	1,620	179	-	9,772	0	0	0	0	0	-	558	5,694	2,706	1,021	293	9,772	0	0	0	0	0	-	382	4,298	2,825	1,534	733	9,772
				C2	4,761	27,072	6,789	938	-	39,560	3,776	27,093	6,789	938	965	39,561	0	0	0	0	0	-	3,243	20,614	10,962	4,136	605	39,560	0	0	0	0	0	-	2,533	17,389	11,440	6,215	1,983	39,560
				C3	2,618	12,458	3,162	391	-	18,629	2,100	12,458	3,162	391	518	18,629	0	0	0	0	0	-	1,581	8,711	5,159	1,947	231	18,629	0	0	0	0	0	-	1,246	8,184	5,365	2,925	879	18,629
				C4	2	39	-	-	-	41	2	39	-	-	-	41	0	0	0	0	0	-	2	22	11	4	2	41	0	0	0	0	0	-	2	18	12	6	3	41
	Yes	66002	66002		8,123	46,800	11,571	1,509	-		6,620	46,821	11,571	1,508	1,503		-	-	-	-	-		5,184	35,445	18,838	7,100	1,231		-	-	-	-	-		4,163	29,859	18,842	10,680	3,596	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
EHV Network																																								
EHV Switchgear (GM)				C1	116	76	5	-	-	217	116	76	5	-	-	217	0	0	0	0	0	-	131	71	13	2	-	217	0	0	0	0	0	-	80	117	18	2	-	217
				C2	193	280	69	3	-	505	153	271	61	3	-	486	0	0	0	0	0	-	112	227	143	11	12	505	0	0	0	0	0	-	74	180	207	8	17	505
				C3	8	54	8	-	-	70	8	54	8	-	-	70	0	0	0	0	0	-	8	41	16	-	5	70	0	0	0	0	0	-	5	32	26	2	5	70
				C4	2	3	1	-	-	6	2	3	1	-	-	4	0	0	0	0	0	-	2	2	2	-	-	6	0	0	0	0	0	-	-	2	4	-	-	6
	Yes	766	818		299	413	83	3	-		298	404	83	3	-		-	-	-	-	-		253	341	174	13	17		-	-	-	-	-		159	341	255	21	22	
EHV Transformer				C1	21	140	22	8	3	194	21	140	22	8	3	194	0	0	0	0	0	-	11	109	52	14	8	194	0	0	0	0	0	-	5	86	78	14	9	194
				C2	29	154	59	11	6	259	29	143	59	11	6	248	0	0	0	0	0	-	22	120	84	23	10	259	0	0	0	0	0	-	12	83	96	48	16	259
				C3	4	29	7	-	2	42	3	29	7	-	3	42	0	0	0	0	0	-	4	17	18	1	2	42	0	0	0	0	0	-	2	9	23	5	3	42
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	495	503		54	323	88	10	11		50	312	88	10	15		-	-	-	-	-		37	246	154	38	20		-	-	-	-	-		19	184	187	67	28	
EHV UG Cable (Gas)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	7	-	7	-	-	-	7	-	7	0	0	0	0	0	-	-	-	-	7	-	7	0	0	0	0	0	-	-	-	-	-	7	7
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	7	0		-	-	-	7	-		-	-	-	7	-		-	-	-	-	-		-	-	-	7	-		-	-	-	-	-		-	-	-	7	-	
EHV UG Cable (Oil)				C1	2	69	41	3	11	126	2	84	38	-	2	126	0	0	0	0	0	-	-	48	59	2	17	126	0	0	0	0	0	-	-	23	80	5	18	126
				C2	3	96	56	5	15	175	3	117	51	5	5	165	0	0	0	0	0	-	-	67	82	24	2	175	0	0	0	0	0	-	-	34	111	6	24	175
				C3	2	80	47	3	13	145	2	80	42	11	-	145	0	0	0	0	0	-	-	55	68	3	19	145	0	0	0	0	0	-	-	26	92	6	21	145
				C4	-	8	4	-	1	13	-	8	4	-	-	13	0	0	0	0	0	-	-	5	6	-	2	13	0	0	0	0	0	-	-	2	8	1	2	13
	Yes	459	436		7	253	148	11	40		7	309	135	16	7		-	-	-	-	-		-	175	215	8	61		-	-	-	-	-		-	85	291	18	65	
EHV UG Cable (Non Pressurised)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	No	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
EHV OHL Support - Towers				C1	-	113	206	16	3	338	-	113	206	16	3	338	0	0	0	0	0	-	-	102	208	16	12	338	0	0	0	0	0	-	-	102	169	25	22	338
				C2	-	56	101	7	2	166	-	56	101	7	2	166	0	0	0	0	0	-	-	51	103	7	5	166	0	0	0	0	0	-	-	51	84	11	18	166
				C3	-	5	9	1	-	15	-	5	9	1	-	15	0	0	0	0	0	-	-	4	9	1	1	15	0	0	0	0	0	-	-	4	9	1	1	15
				C4	-	19	34	3	-	56	-	19	34	3	-	56	0	0	0	0	0	-	-	17	34	3	2	56	0	0	0	0	0	-	-	17	30	5	4	56
	Yes	575	575		-	193	350	27	5		-	193	350	27	5		-	-	-	-	-		-	174	364	27	20		-	-	-	-	-		-	174	322	42	37	
EHV OHL Support - Poles				C1	41	499	96	11	8	673	41	499	96	11	6	673	0	0	0	0	0	-	27	355	210	61	20	673	0	0	0	0	0	-	24	279	245	80	45	673
				C2	3	37	3	-	-	43	3	37	3	-	-	43	0	0	0	0	0	-	2	21	14	4	2	43	0	0	0	0	0	-	1	19	16	5	2	43
				C3	952	7,695	1,492	161	97	10,397	847	7,695	1,492	161	202	10,397	0	0	0	0	0	-	517	5,488	3,249	936	207	10,397	0	0	0	0	0	-	472	4,313	3,795	1,236	580	10,397
				C4	58	473	91	10	6	638	58	473	91	10	6	638	0	0	0	0	0	-	25	338	199	57	19	638	0	0	0	0	0	-	23	264	232	76	43	638
	Yes	11751	11751		1,074	8,704	1,682	182	109		969	8,704	1,682	182	214		-	-	-	-	-		571	6,262	3,472	1,038	248		-	-	-	-	-		520	4,875	4,278	1,489	679	
EHV OHL Fittings and Conductors (Tower Lines)				C1	1	-	8	42	13	64	-	-	8	42	14	64	0	0	0	0	0	-	1	-	8	33	22	64	0	0	0	0	0	-	1	-	2	12	49	64
				C2	-	-	3	11	4	18	-	-	3	11	4	18	0	0	0	0	0	-	-	-	3	8	7	18	0	0	0	0	0	-	-	-	-	4	14	18

Expenditure on Health Index asset categories

Yes	Expenditure on Faults associated with HI Categories	LV
No	Expenditure on Faults associated with HI Categories	HV
	Expenditure on Faults associated with HI Categories	EHV
	Expenditure on Faults associated with HI Categories	132kV
	Expenditure on Faults associated with HI Categories	**Total**

End of DPCR5 (31 March 2015) with investment	Mid-Period Review (31 March 2018) planned investment	End of RIIO-ED1 (31 March 2023) planned investment
£m	£m	£m
0	1	2
1	3	6
0	0	0
1	0	0
2	**4**	**8**

				C3	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	1	-	1	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	-	1	1
	Yes	83	83		1	-	11	54	17		-	-	11	54	18		-	-	-	-	-		1	-	11	42	29		-	-	-	-	-		1	-	2	16	64	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-		-	-	-	-	-		
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-		-	-	-	-	-		
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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110kV Network																																											
110kV CBs				C1	56	56	9	7	-	**128**	56	53	9	10	-	**128**	0	0	0	0	0	-	29	76	5	8	10	**128**	0	0	0	0	0	-	2	99	6	1	20	**128**
				C2	14	52	9	15	1	**91**	7	29	9	23	4	**72**	0	0	0	0	0	-	9	55	5	2	20	**91**	0	0	0	0	0	-	8	51	1	-	20	**91**
				C3	-	9	1	3	-	**13**	-	9	1	3	-	**13**	0	0	0	0	0	-	-	9	-	1	3	**13**	0	0	0	0	0	-	-	9	-	-	4	**13**
				C4	1	-	1	-	-	**2**	1	-	1	-	-	**2**	0	0	0	0	0	-	1	-	1	-	-	**2**	0	0	0	0	0	-	1	-	1	-	**2**
	Yes	234	255		71	117	28	25	1	-	64	91	20	36	4	-	-	-	-	-	-		39	140	31	11	33		-	-	-	-	-		11	303	7	2	54	
132kV Transformer				C1	6	26	5	3	1	**41**	5	25	5	4	2	**41**	0	0	0	0	0	-	4	26	6	3	2	**41**	0	0	0	0	0	-	2	18	15	3	3	**41**
				C2	19	79	24	1	2	**125**	18	79	24	3	3	**123**	0	0	0	0	0	-	12	70	35	6	2	**125**	0	0	0	0	0	-	7	67	34	15	2	**125**
				C3	3	9	4	1	-	**17**	2	9	4	1	1	**17**	0	0	0	0	0	-	3	6	5	3	-	**17**	0	0	0	0	0	-	1	6	6	4	-	**17**
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	183	186		28	114	33	5	3	-	25	109	33	8	6	-	-	-	-	-	-		19	102	46	12	4		-	-	-	-	-		10	91	55	22	5	
132kV UG Cable (Gas)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	25	-	**25**	-	-	-	16	19	**35**	0	0	0	0	0	-	-	-	-	25	-	**25**	0	0	0	0	0	-	-	-	-	-	25	**25**
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	Yes	25	14		-	-	-	**25**	-		-	-	-	**16**	**19**		-	-	-	-	-		-	-	-	**25**			-	-	-	-		-	-	-	-	**25**	
132kV UG Cable (Oil)				C1	11	11	9	1	2	**34**	10	16	7	1	-	**34**	0	0	0	0	0	-	10	10	8	3	3	**34**	0	0	0	0	0	-	10	7	11	3	3	**34**
				C2	9	11	8	-	2	**30**	9	15	7	1	1	**33**	0	0	0	0	0	-	9	8	8	3	2	**30**	0	0	0	0	0	-	9	5	10	3	3	**30**
				C3	12	11	9	1	3	**36**	11	17	7	1	-	**36**	0	0	0	0	0	-	10	11	9	3	3	**36**	0	0	0	0	0	-	10	8	11	4	3	**36**
				C4	43	45	34	2	10	**134**	40	62	28	3	1	**134**	0	0	0	0	0	-	39	39	33	13	10	**134**	0	0	0	0	0	-	39	27	42	13	13	**134**
	Yes	234	234		75	78	60	4	17	-	70	110	49	6	2	-	-	-	-	-	-		68	68	58	22	18		-	-	-	-	-		68	47	74	23	22	
132kV UG Cable (Non Pressurised)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	No	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	
132kV OHL Support - Tower				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	790	994	456	18	**2,258**	-	790	994	456	18	**2,258**	0	0	0	0	0	-	-	790	964	486	18	**2,258**	0	0	0	0	0	-	-	789	962	465	42	**2,258**
				C3	-	109	137	63	3	**312**	-	109	137	63	3	**312**	0	0	0	0	0	-	-	109	133	67	3	**312**	0	0	0	0	0	-	-	109	133	64	6	**312**
				C4	2	2	1	-	-	**5**	-	2	2	1	-	**5**	0	0	0	0	0	-	-	2	2	1	-	**5**	0	0	0	0	0	-	-	2	2	1	-	**5**
	Yes	2575	2575		-	**901**	**1,133**	**520**	**21**	-	-	**901**	**1,133**	**520**	**21**	-	-	-	-	-	-		-	**901**	**1,159**	**554**	**21**		-	-	-	-	-		-	**960**	**1,267**	**530**	**49**	
132kV OHL Fittings and Conductors (Tower Lines)				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	215	464	324	-	-	**1,003**	189	464	350	-	-	**1,003**	0	0	0	0	0	-	178	420	280	125	-	**1,003**	0	0	0	0	0	-	26	494	244	239	-	**1,003**
				C3	31	68	48	-	-	**147**	31	68	48	-	-	**147**	0	0	0	0	0	-	22	62	45	18	-	**147**	0	0	0	0	0	-	-	72	39	36	-	**147**
				C4	-	-	1	-	-	**1**	-	-	1	-	-	**1**	0	0	0	0	0	-	-	-	1	-	-	**1**	0	0	0	0	0	-	-	-	1	-	-	**1**
	Yes	1151	1130		**246**	**532**	**373**	-	-	-	**220**	**532**	**399**	-	-	-	-	-	-	-	-		**200**	**482**	**325**	**144**	-		-	-	-	-	-		**26**	**586**	**283**	**276**	-	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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Other																																											
Submarine Cables				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
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[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-		-	-	-	-	-		
TOTAL		**314,846**	**311,014**		**98,246**	**165,120**	**78,863**	**11,791**	**838**		**52,348**	**364,485**	**78,863**	**12,577**	**7,168**		**276**	-	-	**(43)**	**(472)**		**41,609**	**133,936**	**96,442**	**35,453**	**7,696**		**552**	-	-	**(55)**	**(948)**		**28,435**	**121,756**	**97,436**	**44,372**	**21,877**	

Health Index Definitions

HI1	New or as new
HI2	Good or serviceable condition
HI3	Deterioration requires assessment and monitoring
HI4	Material deterioration, intervention requires consideration
HI5	End of serviceable life, intervention required

Criticality Index Definitions

CI1	Low criticality
CI2	Average criticality
CI3	High criticality
CI4	Very high criticality

NIT: Secondary deliverables RIIO-ED1 - HVP
SPM
Price base (2012/13)

ASSET CATEGORIES	Is it your current intention to have a health index for this asset category in the RIIO-ED1 control period.	ASSET REGISTER			End of DPCR5 (31 March 2015) with investment						End of DPCR5 (31 March 2015) without investment						Mid-Period Review (31 March 2019) planned investment						Mid-Period Review (31 March 2019) without investment						End of RIIO-ED1 (31 March 2023) planned investment						End of RIIO-ED1 (31 March 2023) without investment					
		as at 31st March 2015	as at 31st March 2023		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5		HI 1	HI 2	HI 3	HI 4	HI 5	
LV Network																																								
LV Switchgear and Other				C1			1			**1**			1			**1**	0	0	0	0	0	-			1			-	0	0	0	0	0	-			1			**1**
				C2	1,531	1,533	9,111	1,558	46	**13,779**	1,486	1,347	9,111	1,558	91	**13,593**	0	0	0	0	0	-	961	1,371	9,146	2,111	190	**13,779**	0	0	0	0	0	-	45	1,480	8,545	3,378	321	**13,779**
				C3	644	1,451	3,831	655	19	**6,600**	590	1,451	3,831	655	72	**6,600**	0	0	0	0	0	-	424	1,445	3,801	877	43	**6,600**	0	0	0	0	0	-	54	1,489	3,551	1,404	102	**6,600**
				C4	59	133	352	60	2	**606**	54	133	352	60	7	**606**	0	0	0	0	0	-	40	132	349	81	4	**606**	0	0	0	0	0	-	5	137	326	129	9	**606**
	Yes	20985	20985		**2,234**	**3,117**	**13,291**	**2,273**	**67**		**2,130**	**2,931**	**13,295**	**2,273**	**171**		**1,491**	**2,948**	**13,297**	**3,069**	**237**		-	-	-	-	-		**104**	**3,106**	**12,423**	**4,911**	**642**	
LV UGB				C1	4,238	4,345	1,624	319	-	**10,526**	4,074	4,345	1,624	319	164	**10,526**	0	0	0	0	0	-	3,265	4,263	2,412	753	33	**10,526**	0	0	0	0	0	-	2,732	3,642	2,846	1,117	189	**10,526**
				C2	2,736	2,945	1,049	208	-	**6,938**	2,416	2,807	1,049	352	97	**6,800**	0	0	0	0	0	-	2,110	2,761	1,559	466	22	**6,938**	0	0	0	0	0	-	1,765	2,469	1,839	722	123	**6,938**
				C3	4,739	4,858	1,815	356	-	**11,768**	4,347	4,858	1,815	564	184	**11,768**	0	0	0	0	0	-	3,651	4,542	2,697	841	37	**11,768**	0	0	0	0	0	-	3,054	4,072	3,182	1,248	212	**11,768**
				C4	6	6	2	-	-	**14**	5	6	2	1	-	**14**	0	0	0	0	0	-	4	6	3	1	-	**14**	0	0	0	0	0	-	4	5	4	1	-	**14**
	Yes	35245	35245		**11,721**	**12,154**	**4,490**	**881**	**-**		**10,921**	**12,016**	**4,490**	**1,236**	**446**		**9,030**	**11,172**	**6,671**	**2,081**	**92**		-	-	-	-	-		**7,955**	**10,208**	**7,871**	**3,098**	**524**	
LV OHL Support				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	21,863	72,930	26,079	4,097	-	**124,969**	19,874	73,119	26,079	4,097	2,199	**125,158**	0	0	0	0	0	-	16,316	54,726	37,003	13,968	2,956	**124,969**	0	0	0	0	0	-	13,510	48,074	35,619	19,954	7,812	**124,969**
				C3	143	852	189	-	-	**1,184**	124	852	189	-	19	**1,184**	0	0	0	0	0	-	143	529	350	132	20	**1,184**	0	0	0	0	0	-	126	456	337	189	76	**1,184**
				C4	-	1	1	-	-	**2**	-	1	1	-	-	**2**	0	0	0	0	0	-	-	1	1	-	-	**2**	0	0	0	0	0	-	-	1	1	-	-	**2**
	Yes	126135	126135		**22,006**	**73,783**	**26,269**	**4,097**	**-**		**19,798**	**73,972**	**26,269**	**4,097**	**2,218**		**16,459**	**55,256**	**37,354**	**14,100**	**2,986**		-	-	-	-	-		**13,636**	**48,531**	**35,697**	**20,143**	**7,888**	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

				C3	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	-
				C4	-	-	-	1	-	1	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	1	-	1	0	0	0	0	0	-	-	-	-	-	1	1
	Yes	83	83		1	-	11	54	17		-	-	11	54	18		-	-	-	-	-		1	-	11	42	29		-	-	-	-	-		1	-	2	16	64	
[Please insert new asset category as required]				C1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
				C4	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	-	-	-	-	-	-
	0	0	0		-	-	-	-	-		-	-	-	-			-	-	-	-			-	-	-	-			-	-	-	-			-	-	-	-

HI8: Secondary deliverables RIIO-ED1

SPN

Price base (2012/13)

ASSET CATEGORIES	RIIO-ED1 period				
	Network Performance	Safety	Environmental	Financial consequence of repair/ replacement	Average Overall Consequence Of Failure
LV Network					
LV Switchgear and Other	771	8778	1000	434	10983
LV UGB	621	8504	1500	432	11057
LV OHL Support	1080	7589	4620	622	13911
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
	0	0	0	0	0
HV Network					
HV Switchgear (GM) - Primary	29898	6624	4548	6822	47892
HV Switchgear (GM) - Distribution	18453	8993	4795	2649	34890
HV Transformer (GM)	33088	6465	2557	30914	73024
HV UG Cable	N/A	N/A	N/A	N/A	N/A
HV OHL Support - Poles	13405	7196	4672	1300	26573
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
EHV Network					
EHV Switchgear (GM)	31240	3448	5996	12870	53554
EHV Transformer	91438	794	23658	33576	149466
EHV UG Cable (Gas)	108834	301	1500	89183	199818
EHV UG Cable (Oil)	108834	301	112351	89183	310669
EHV UG Cable (Non Pressurised)	N/A	N/A	N/A	N/A	N/A
EHV OHL Support - Towers	150009	19324	14770	31664	215767
EHV OHL Support - Poles	39067	19324	4620	1584	64595
EHV OHL Fittings and Conductors (Tower Lines)	150009	19803	14770	31664	216246
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
132kV Network					
132kV CBs	99671	3874	22653	30390	156588
132kV Transformer	260799	691	65370	142292	469152
132kV UG Cable (Gas)	609924	301	1500	88696	700421
132kV UG Cable (Oil)	609924	301	119848	88696	818769
132kV UG Cable (Non Pressurised)	N/A	N/A	N/A	N/A	N/A
132kV OHL Support - Tower	188744	17099	14770	42219	262832
132kV OHL Fittings and Conductors (Tower Lines)	188744	17099	14770	42219	262832
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
Other					
Submarine Cables	N/A	N/A	N/A	N/A	N/A
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0
[Please insert new asset category as required]	0	0	0	0	0

PE101: RPEs and ongoing efficiency
SPN
Price base (2012/13)

	Units	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
		DPCR4	DPCR5					RIIO-ED1							
RPEs															
Load related capex	£m					-0.0	-0.1	0.2	0.5	0.9	0.9	1.0	1.2	1.8	1.9
Non-load related capex - asset replacement	£m					-0.1	-0.2	0.4	1.1	1.7	2.4	3.0	3.4	3.5	3.9
Non-load related capex - other	£m					-0.0	-0.1	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2
Faults	£m					-0.1	-0.1	0.1	0.4	0.7	0.9	1.2	1.4	1.7	2.0
Tree cutting, pensions and other	£m					-0.0	-0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.8
Controllable opex	£m					-0.3	-0.4	0.5	1.4	2.3	3.2	4.0	4.7	5.5	6.3
Total	£m					-0.7	-1.0	1.4	4.0	6.3	8.4	10.4	12.3	14.4	16.1
RPEs Indices (2012/13 = 1)															
Load related capex					1.00	1.00	1.00	1.01	1.02	1.02	1.03	1.04	1.05	1.06	1.07
Non-load related capex - asset replacement					1.00	1.00	1.00	1.01	1.02	1.02	1.03	1.04	1.05	1.06	1.07
Non-load related capex - other					1.00	1.00	1.00	1.01	1.02	1.02	1.03	1.04	1.05	1.06	1.07
Faults					1.00	1.00	0.99	1.01	1.02	1.03	1.04	1.05	1.06	1.08	1.09
Tree cutting					1.00	1.00	0.99	1.01	1.02	1.03	1.04	1.05	1.06	1.08	1.09
Controllable opex					1.00	1.00	0.99	1.01	1.02	1.03	1.04	1.05	1.06	1.08	1.09
Relevant Input Indices (2012/13 = 1)															
General Labour (capex)					1.00	1.00	0.99	1.00	1.02	1.03	1.04	1.06	1.07	1.08	1.10
General Labour (opex)					1.00	1.00	0.99	1.00	1.02	1.03	1.04	1.06	1.07	1.08	1.10
Specialist Labour (capex)					1.00	1.00	0.99	1.00	1.02	1.03	1.04	1.06	1.07	1.08	1.10
Specialist Labour (opex)					1.00	1.00	0.99	1.00	1.02	1.03	1.04	1.06	1.07	1.08	1.10
Materials (capex)					1.00	1.01	1.02	1.02	1.03	1.04	1.05	1.06	1.07	1.07	1.08
Materials (opex)					1.00	1.01	1.02	1.02	1.03	1.04	1.05	1.06	1.07	1.07	1.08
Equipment/Plant					1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93
Transport					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Other					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Weightings (%)															
Load related capex															
General Labour (capex)	%					0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
General Labour (opex)	%														
Specialist Labour (capex)	%					-	-	-	-	-	-	-	-	-	-
Specialist Labour (opex)	%														
Materials (capex)	%					0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Materials (opex)	%														
Equipment/Plant	%					0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Transport	%					-	-	-	-	-	-	-	-	-	-
Other	%					0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Total	%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Non-load related capex - asset replacement															
General Labour (capex)	%					0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
General Labour (opex)	%														
Specialist Labour (capex)	%					-	-	-	-	-	-	-	-	-	-
Specialist Labour (opex)	%														
Materials (capex)	%					0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Materials (opex)	%														
Equipment/Plant	%					0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Transport	%					-	-	-	-	-	-	-	-	-	-
Other						0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Total	%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Non-load related capex - other															
General Labour (capex)	%					0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
General Labour (opex)	%														
Specialist Labour (capex)	%					-	-	-	-	-	-	-	-	-	-
Specialist Labour (opex)	%														
Materials (capex)	%					0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Materials (opex)	%														
Equipment/Plant	%					0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Transport	%					-	-	-	-	-	-	-	-	-	-
Other						0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Total	%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Faults															
General Labour (capex)	%					-	-	-	-	-	-	-	-	-	-
General Labour (opex)	%					0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Specialist Labour (capex)	%					-	-	-	-	-	-	-	-	-	-
Specialist Labour (opex)	%					-	-	-	-	-	-	-	-	-	-
Materials (capex)	%					-	-	-	-	-	-	-	-	-	-
Materials (opex)	%					0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Equipment/Plant	%					-	-	-	-	-	-	-	-	-	-
Transport	%					-	-	-	-	-	-	-	-	-	-
Other						0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Total	%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Tree cutting															
General Labour (capex)	%														
General Labour (opex)	%					0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Specialist Labour (capex)	%														
Specialist Labour (opex)	%					-	-	-	-	-	-	-	-	-	-
Materials (capex)	%														
Materials (opex)	%					0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Equipment/Plant	%					-	-	-	-	-	-	-	-	-	-
Transport	%					-	-	-	-	-	-	-	-	-	-
Other						0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Total	%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Controllable opex															
General Labour (capex)	%														
General Labour (opex)	%					0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Specialist Labour (capex)	%														
Specialist Labour (opex)	%					-	-	-	-	-	-	-	-	-	-
Materials (capex)	%														
Materials (opex)	%					0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Equipment/Plant	%					-	-	-	-	-	-	-	-	-	-
Transport	%					-	-	-	-	-	-	-	-	-	-
Other						0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Total	%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Ongoing efficiency Indices (2012/13 = 1)															
Load related capex					1.00	1.00	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95
Non-load related capex - asset replacement					1.00	1.00	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95
Non-load related capex - other					1.00	1.00	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95
Faults					1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92
Tree cutting					1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92
Controllable opex					1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92

S1: Scenarios ED1 Period
SPN
Price base (2012/13)

		Network Investment Costs (RAV)																												Network Operating Costs (RAV)					
		Connections			Core Costs															Non core							Stand Alone Funding (RAV)			Network Operating Costs					
		Connection projects; DPCR4	Element of connection that is asset 1 (Re-enforcement rules - DUoS funded	Element of connection that is asset 1 (Re-enforcement rules - Customer funded	Diversions (Excluding Rail Electrification)	Diversions (Rail Electrification)	Reinforcement	Transmission Connection Points	ESQCR	Asset Replacement	Refurbishment	Civil Works	Operational IT & Telecoms	Legal & Safety	QoS- Ex ante	QoS- DNO funded	High Value Projects - ex ante	High Value Projects - Reopener	Total Core Costs	Flooding	BT21CN	Technical losses and other em	High impact Low Probability (H-	Critical National Infrastructure	Black Start	Rising Mains and Laterals	Undergrounding Within/ Outside designated areas	Worst Served Customers	Total Network Investment Costs	Trouble Call	ONIs (CV15b)	Severe Weather- Atypical	Inspections & Maintenance	Tree Cutting	NOC's other
		£'m	£'m	£'m	£'m		£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m		£'m	£'m	£'m	£'m	£'m	£'m
ED1 DNO own current "best view" - using current information	Total Gross Costs	-	21.80	10.50	58.40	-	177.72	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	734.50	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	836.2	177.34	38.05	6.00	70.50	65.69	19.41
	Total Net Costs after allocation for RAV (including pensions)	-	21.80	(0.23)	58.40	-	177.72	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	734.50	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	825.4	150.84	38.05	6.00	70.50	65.69	19.41
Net Benefit of Smart Grids							40.41			4.64									45.05										45.0						
DECC Scenario 3 equivalent – high electrification of heat and transport	Total Gross Costs	-	21.80	10.50	58.40	-	201.46	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	762.14	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	863.8	177.34	38.05	6.00	70.50	65.69	19.41
	Total Net Costs after allocation for RAV (including pensions)	-	21.80	(0.23)	58.40	-	201.46	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	762.14	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	853.1	150.84	38.05	6.00	70.50	65.69	19.41
Net Benefit of Smart Grids							45.80			5.26									51.06										51.1						
DECC Scenario 1 equivalent – high abatement in low carbon heat	Total Gross Costs	-	21.80	10.50	58.40	-	211.33	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	772.01	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	873.7	177.34	38.05	6.00	70.50	65.69	19.41
	Total Net Costs after allocation for RAV (including pensions)	-	21.80	(0.23)	58.40	-	211.33	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	772.01	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	862.9	150.84	38.05	6.00	70.50	65.69	19.41
Net Benefit of Smart Grids							48.05			5.52									53.56										53.6						
DECC Scenario 2 equivalent – high abatement in transport	Total Gross Costs	-	21.80	10.50	58.40	-	197.40	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	758.08	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	859.8	177.34	38.05	6.00	70.50	65.69	19.41
	Total Net Costs after allocation for RAV (including pensions)	-	21.80	(0.23)	58.40	-	197.40	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	758.08	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	849.0	150.84	38.05	6.00	70.50	65.69	19.41
Net Benefit of Smart Grids							44.88			5.15									50.03										50.0						
DECC Scenario 4 equivalent – credit purchase	Total Gross Costs	-	21.80	10.50	58.40	-	126.64	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	687.33	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	789.0	177.34	38.05	6.00	70.50	65.69	19.41
	Total Net Costs after allocation for RAV (including pensions)	-	21.80	(0.23)	58.40	-	126.64	22.30	26.97	280.95	24.05	43.30	35.34	34.48	-	3.90	30.98	-	687.33	3.81	17.82	2.81	-	9.00	3.34	15.95	13.83	2.80	778.3	150.84	38.05	6.00	70.50	65.69	19.41
Net Benefit of Smart Grids							28.79			3.31									32.10										32.1						

	Closely associated Indirects (RAV)											Atypicals Non Sev Weather (RAV)	Smart meters																										
	Closely associated Indirects											Atypicals Non Sev Weather	Smart meters					Business Support Costs							Non Op Capex	Atypicals Non Sev Weather	Stand Alone Funding (not RAV)	Costs Within Price Control	Connections outside of RAV				Non Price Control	Atypicals Non Sev Weather	Costs outside Price Control	NABC				Total DNO
Network Operating Costs	Network Design & Engineering	Project Management	Engineering Mgt & Clerical Support	System Mapping - Cartographical	Control Centre	Call Centre	Stores	Operational Training	Vehicles & Transport	Network Policy	Closely Associated Indirects	Atypicals Non Sev Weather	Smart Meters - Costs subject to ex ante funding	Smart Meters - Costs subject to volume driver	Smart meters - Costs subject to pass through	Total Smart Meters	TOTAL RAV related Costs	Blank (inserted for consistency with DPCR5)	HR & Non-operational Training	Finance & Regulation	CEO	IT & Telecoms	Property Mgt	Total Business Support Costs	Non Op Capex	Atypicals Non Sev Weather (non RAV)	Stand Alone Funding (non RAV)	Total Costs within Price Control	Element of connection that is Sole Use funded	Connection projects UMC; DPCR5	Connection projects; DG	Connections (Non Price Control)	Non Price Control	Atypicals Non Sev Weather (Non Price Control)	Total Costs outside Price Control	Pass through	Pensions Deficit Repair Payments	All other non activity based costs	Total Non Activity Based costs	Total DNO
																													Excl services	Excl services	Excl services									
£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m		£'m	£'m			£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m	£'m		£'m	£'m		£'m	£'m			£'m	£'m	£'m		£'m
377.0	43.75	40.62	179.01	13.17	37.65	15.41	14.21	41.39	63.30	2.15	450.7	-	14.88	-	-	14.9	1,678.7	-	15.06	61.07	17.66	72.45	37.64	203.9	87.18	-	-	1,969.8	167.18	22.69	-	189.9	25.28	-	215.1	284.05	225.02	-	509.1	2,694.0
350.5	31.25	31.76	149.95	9.78	37.56	13.70	11.89	35.85	54.19	2.13	378.1	-	14.88	-	-	14.9	1,568.9	-	12.50	52.38	14.74	60.93	31.05	171.6	69.92	-	-	1,810.4	(9.17)	(1.50)	-	-10.7	35.43	-	24.8	284.05	225.02	-	509.1	2,344.2
																	45.0											45.0												45.0
377.0	43.95	40.77	179.45	13.20	37.65	15.41	14.21	41.39	63.30	2.15	451.5	-	14.88	-	-	14.9	1,707.2	-	15.06	61.07	17.66	72.45	37.64	203.9	87.18	-	-	1,998.2	167.18	22.69	-	189.9	25.28	-	215.1	284.05	225.02	-	509.1	2,722.4
350.5	31.45	31.92	150.39	9.81	37.56	13.70	11.89	35.85	54.19	2.13	378.9	-	14.88	-	-	14.9	1,597.3	-	12.50	52.38	14.74	60.93	31.05	171.6	69.92	-	-	1,838.9	(9.17)	(1.50)	-	-10.7	35.43	-	24.8	284.05	225.02	-	509.1	2,372.7
																	51.1											51.1												51.1
377.0	44.04	40.84	179.63	13.21	37.65	15.41	14.21	41.39	63.30	2.15	451.8	-	14.88	-	-	14.9	1,717.4	-	15.06	61.07	17.66	72.45	37.64	203.9	87.18	-	-	2,008.4	167.18	22.69	-	189.9	25.28	-	215.1	284.05	225.02	-	509.1	2,732.7
350.5	31.54	31.98	150.57	9.82	37.56	13.70	11.89	35.85	54.19	2.13	379.2	-	14.88	-	-	14.9	1,607.6	-	12.50	52.38	14.74	60.93	31.05	171.6	69.92	-	-	1,849.1	(9.17)	(1.50)	-	-10.7	35.43	-	24.8	284.05	225.02	-	509.1	2,382.9
																	53.6											53.6												53.6
377.0	43.91	40.75	179.37	13.19	37.65	15.41	14.21	41.39	63.30	2.15	451.3	-	14.88	-	-	14.9	1,703.0	-	15.06	61.07	17.66	72.45	37.64	203.9	87.18	-	-	1,994.0	167.18	22.69	-	189.9	25.28	-	215.1	284.05	225.02	-	509.1	2,718.2
350.5	31.41	31.89	150.31	9.81	37.56	13.70	11.89	35.85	54.19	2.13	378.8	-	14.88	-	-	14.9	1,593.1	-	12.50	52.38	14.74	60.93	31.05	171.6	69.92	-	-	1,834.7	(9.17)	(1.50)	-	-10.7	35.43	-	24.8	284.05	225.02	-	509.1	2,368.5
																	50.0											50.0												50.0
377.0	43.35	40.28	178.08	13.12	37.65	15.41	14.21	41.39	63.30	2.15	448.9	-	14.88	-	-	14.9	1,629.8	-	15.06	61.07	17.66	72.45	37.64	203.9	87.18	-	-	1,920.9	167.18	22.69	-	189.9	25.28	-	215.1	284.05	225.02	-	509.1	2,645.1
350.5	30.85	31.43	149.02	9.73	37.56	13.70	11.89	35.85	54.19	2.13	376.4	-	14.88	-	-	14.9	1,520.0	-	12.50	52.38	14.74	60.93	31.05	171.6	69.92	-	-	1,761.5	(9.17)	(1.50)	-	-10.7	35.43	-	24.8	284.05	225.02	-	509.1	2,295.3
																	32.1											32.1												32.1