

Electricity Metering RIGs Reporting Workbook

Licensee Name / s:

Reporting price base:

Year / s:

Related Party 1



Key

Licensee Input cells
Totals cells (or formula within worksheet)
Referencing to other worksheets
Referencing to other workbooks
Check cell = OK
No Input
Descriptions and pack data
Check cell = error

Version submission control

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Worksheets

<u>Worksheet type</u>	<u>Worksheet name</u>	<u>Status</u>	<u>Notes</u>
Cost and Volume	M1a - Metering Services	Live	
Memo and Disaggregated	M1b - Meter Purchases (memo)	Live	
Cost and Volume	M2 - Meter Reading	Live	
Volume	M3 - Certification Profile	Live	
Metering Capex	M4 - Total Metering Capex	Live	

Metering Services

Category	Activity Volumes								Total
	RP6								
	2018	2019	2020	2021	2022	2023	2024	#	
Domestic Credit (SR & MR)	4,787	9,127	8,911	6,939	8,451	8,162	9,610	55,987	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	0	0	0	0	0	0	0	0	
Faulty unit: replacement meter	945	1,228	1,077	475	452	591	1,031	5,799	
Damaged by user: replacement meter	620	1,436	800	722	755	931	760	6,024	
Certification: replacement meter	1,575	1,774	1,664	2,704	2,530	1,137	1,067	12,451	
Recertification: replacement meter	20,021	2,919	13,522	10,242	12,023	7,644	11,046	77,417	
Change of usage: requested by supplier	2,206	4,816	5,080	4,396	11,397	17,674	13,827	59,396	
Repair/inspection: meter not replaced	5,501	9,926	10,151	5,444	5,977	3,548	3,353	43,900	
Keypad (SR & MR)	1,293	1,826	1,915	1,701	1,958	1,737	1,996	12,426	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	27	50	58	25	639	202	658	1,659	
Faulty unit: replacement meter	67	80	33	40	12	23	1,117	1,372	
Damaged by user: replacement meter	0	0	0	0	0	0	0	0	
Certification: replacement meter	10,972	12,725	12,336	8,321	9,775	11,858	13,807	79,794	
Recertification: replacement meter	2,283	4,474	2,388	569	470	894	549	11,627	
Revenue Protection: keypad replacement	5,969	11,427	10,419	7,481	9,012	8,671	7,806	60,785	
Change of usage: requested by supplier	2,937	5,192	5,778	4,049	4,501	4,952	5,555	32,964	
Repair/inspection: meter not replaced	0	0	0	0	0	0	0	0	
1-D Ind/Com (SR)	0	0	0	0	0	0	0	0	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	0	0	0	0	0	0	0	0	
Faulty unit: replacement meter	0	0	0	0	0	0	0	0	
Damaged by user: replacement meter	0	0	0	0	0	0	0	0	
Certification: replacement meter	0	0	0	0	0	0	0	0	
Recertification: replacement meter	0	0	0	0	0	0	0	0	
Change of usage: requested by supplier	0	0	0	0	0	0	0	0	
Repair/inspection: meter not replaced	0	0	0	0	0	0	0	0	
1-D Ind/Com (MR)	0	0	0	0	0	0	0	0	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	0	0	0	0	0	0	0	0	
Faulty unit: replacement meter	0	0	0	0	0	0	0	0	
Damaged by user: replacement meter	0	0	0	0	0	0	0	0	
Certification: replacement meter	0	0	0	0	0	0	0	0	
Recertification: replacement meter	0	0	0	0	0	0	0	0	
Change of usage: requested by supplier	0	0	0	0	0	0	0	0	
Repair/inspection: meter not replaced	0	0	0	0	0	0	0	0	
3-D Ind/Com (SR)	68	170	119	76	103	119	62	717	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	35	74	50	58	41	42	41	341	
Faulty unit: replacement meter	8	14	27	17	14	15	23	118	
Damaged by user: replacement meter	0	0	0	0	0	0	0	0	
Certification: replacement meter	4444	1,055	1,100	3,732	2,653	1,333	757	11,074	
Recertification: replacement meter	50	89	79	57	34	39	31	379	
Change of usage: requested by supplier	135	276	234	182	215	229	34	1,305	
Repair/inspection: meter not replaced	0	0	0	0	0	0	0	0	
3-D Ind/Com (MR)	41	102	71	45	62	71	39	431	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	21	44	30	35	25	25	26	206	
Faulty unit: replacement meter	5	9	16	10	9	9	14	71	
Damaged by user: replacement meter	0	0	0	0	0	0	0	0	
Certification: replacement meter	191	452	472	1,018	723	363	325	3,544	
Recertification: replacement meter	30	53	47	34	20	23	20	227	
Change of usage: requested by supplier	81	166	141	109	129	138	22	786	
Repair/inspection: meter not replaced	0	0	0	0	0	0	0	0	
Large Ind/Com (SR)	136	340	238	151	227	262	399	1,753	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	70	149	100	117	91	92	39	658	
Faulty unit: replacement meter	16	29	53	33	30	32	1	194	
Damaged by user: replacement meter	0	0	0	0	0	0	0	0	
Certification: replacement meter	634	1,506	1,572	2,036	1,447	727	1,326	9,248	
Recertification: replacement meter	100	176	158	113	75	85	82	789	
Change of usage: requested by supplier	270	552	470	365	472	504	2,367	5,000	
Repair/inspection: meter not replaced	0	0	0	0	0	0	0	0	
ISPS (SR)	0	0	0	0	0	0	0	0	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	0	0	0	0	0	0	0	0	
Faulty unit: replacement meter	0	0	0	0	0	0	0	0	
Damaged by user: replacement meter	0	0	0	0	0	0	0	0	
Certification: replacement meter	0	0	0	0	0	0	0	0	
Recertification: replacement meter	0	0	0	0	0	0	0	0	
Change of usage: requested by supplier	0	0	0	0	0	0	0	0	
Repair/inspection: meter not replaced	0	0	0	0	0	0	0	0	
Generation	27	68	48	30	20	24	11	228	
Install meter at new metering point	0	0	0	0	0	0	0	0	
End of life: replacement meter	14	30	20	23	9	8	7	110	
Faulty unit: replacement meter	3	6	10	6	3	3	4	35	
Damaged by user: replacement meter	0	0	0	0	0	0	0	0	
Certification: replacement meter	0	0	0	0	0	0	0	0	
Recertification: replacement meter	20	34	31	22	7	8	6	128	
Change of usage: requested by supplier	53	110	94	73	43	46	6	425	
Repair/inspection: meter not replaced	0	0	0	0	0	0	0	0	
Other	0	0	0	0	0	1,016	0	1,016	
Recertification: NI Customer Load Profiles	0	0	0	773	1,591	1,039	162	3,565	
Recertification: Teleswitch/Telemeter	0	0	3	0	0	0	0	3	
Recertification: Power Stations > 100 MW	22	42	2	9	35	6	0	116	
HV Demand Customer Metering > 1MW	4	19	0	15	21	7	0	66	
HV Demand Customer Metering < 1MW	2	22	39	3	0	2	0	68	
110/33kV Bulk supply Point & Substation Metering	3	9	2	4	7	0	0	25	
Generator Metering < 100MW and >1MW	0	0	0	0	0	0	0	0	
ALL	14,059	26,533	26,019	17,976	27,032	30,906	28,581	171,106	
SOSA Credit	10,293	18,575	18,203	13,296	16,122	15,585	17,132	109,206	
SOSA Keypad	1,183	2,491	2,036	1,556	1,627	1,774	3,234	13,901	
Commercial	1,575	1,774	1,664	2,704	2,530	1,137	1,067	12,451	
Certification	20,021	2,919	13,522	10,242	12,023	7,644	11,046	77,417	
Recertification	1,269	3,013	3,144	6,786	4,823	2,423	2,408	23,866	
Commercial Recertification	10,972	12,725	12,336	8,321	9,775	11,858	13,807	79,794	
Keypad Recertification	2,283	4,474	2,388	569	470	894	549	11,627	
Revenue Protection: Keypad Replacement	0	0	3	0	0	0	0	3	
Recertification: Power Stations > 100 MW	22	42	2	9	35	6	0	116	
HV Demand Customer Metering > 1MW	4	19	0	15	21	7	0	66	
HV Demand Customer Metering < 1MW	2	22	39	3	0	2	0	68	
110/33kV Bulk supply Point & Substation Metering	3	9	2	4	7	0	0	25	
Generator Metering < 100MW and >1MW	0	0	0	0	0	0	0	0	
Recertification: Teleswitch/Telemeter	0	0	0	0	0	0	0	0	
Recertification: NI Customer Load Profiles	0	0	0	0	0	1,016	0	1,016	
Total	61,686	72,596	79,358	62,254	76,056	74,291	77,986	504,227	

Category	Total Direct Costs								Total
	RP6								
	2018	2019	2020	2021	2022	2023	2024	RP6	
Domestic Credit (SR & MR)	0.12	0.23	0.21	0.23	0.24	0.26	0.36	1.7	
Install meter at new metering point	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
End of life: replacement meter	0.02	0.03	0.03	0.02	0.01	0.02	0.04	0.2	
Faulty unit: replacement meter	0.02	0.04	0.02	0.02	0.02	0.03	0.03	0.2	
Damaged by user: replacement meter	0.04	0.02	0.04	0.13	0.08	0.03	0.04	0.4	
Certification: replacement meter	0.57	0.04	0.34	0.49	0.39	0.23	0.45	2.5	
Recertification: replacement meter	0.06	0.12	0.12	0.14	0.33	0.57	0.52	1.9	
Change of usage: requested by supplier	0.14	0.25	0.24	0.18	0.17	0.11	0.13	1.2	
Repair/inspection: meter not replaced	1.0	0.7	1.0	1.2	1.3	1.3	1.6	8.0	
Keypad (SR & MR)	0.09	0.12	0.13	0.12	0.12	0.12	0.13	0.8	
Install meter at new metering point	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
End of life: replacement meter	0.00	0.00	0.00	0.00	0.04	0.01	0.04	0.1	
Faulty unit: replacement meter	0.00	0.01	0.00	0.00	0.00	0.00	0.07	0.1	
Damaged by user: replacement meter	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Certification: replacement meter	1.00	0.66	0.83	0.69	0.92	0.87	1.16	6.1	
Recertification: replacement meter	0.27	0.50	0.30	0.11	0.06	0.09	0.05	1.4	
Revenue Protection: keypad replacement	0.40	0.75	0.71	0.55	0.53	0.61	0.50	4.0	
Change of usage: requested by supplier	0.20	0.34	0.39	0.30	0.26	0.35	0.35	2.2	
Repair/inspection: meter not replaced	2.0	2.4	2.4	1.8	1.9	2.1	2.3	14.8	
1-D Ind/Com (SR)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Install meter at new metering point	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
End of life: replacement meter	0.00	0.							

Meter Reading

Category	Volumes							Total
	2018	2019	2020	2021	2022	2023	2024	
	#	#	#	#	#	#	#	#
Domestic	781,256	1,640,637	1,513,121	1,205,281	1,514,120	1,623,904	1,524,983	9,803,302
Commercial	84,387	172,149	165,431	105,331	175,159	107,823	154,353	964,633
Industrial	0	0	0	0	0	0	0	-
Keypad	517,894	1,077,219	1,047,448	792,500	960,783	977,697	1,006,255	6,379,796
Special Read (all categories)	0	0	0	0	0	0	0	-

By Cost Type
Labour (includes agency costs)
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

Total Direct Costs							
2018	2019	2020	2021	2022	2023	2024	Total
£m	£m	£m	£m	£m	£m	£m	£m
0.87	1.94	2.00	2.10	2.22	2.42	2.72	14.3
0.09	0.20	0.22	0.18	0.26	0.16	0.28	1.4
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
0.58	1.28	1.39	1.38	1.41	1.45	1.79	9.3
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
1.55	3.42	3.61	3.66	3.88	4.03	4.79	24.9

2018	2019	2020	2021	2022	2023	2024	Total
1.61	3.27	3.46	3.47	3.65	3.97	4.58	24.0
-0.06	0.16	0.15	0.19	0.24	0.06	0.21	0.9
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
1.55	3.42	3.61	3.66	3.88	4.03	4.79	24.9
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
-	-	-	-	-	-	-	-

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Annual Unit Costs						
2018	2019	2020	2021	2022	2023	2024
£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
0.00	0.00	0.00	0.00	0.00	0.00	0.001783
0.00	0.00	0.00	0.00	0.00	0.00	0.001783
-	-	-	-	-	-	-
0.58	1.28	1.39	1.38	1.41	1.45	1.79
0.00	0.00	0.00	0.00	0.00	0.00	0.001783
-	-	-	-	-	-	-

Multi-Year Average Unit Cost					
2	3	4	5	6	7
£k/unit	£k/unit	£k/unit	£k/unit	£k/unit	£k/unit
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00
-	-	-	-	-	-
0.00	0.00	0.00	0.00	0.00	0.00
-	-	-	-	-	-

	Model period ending Timeline label	31 Mar 18 RP6	31 Mar 19 RP6	31 Mar 20 RP6	31 Mar 21 RP6	31 Mar 22 RP6	31 Mar 23 RP6	31 Mar 24 RP6
Defined Licence Term	Financial year ending	2018 £m	2019 £m	2020 £m	2021 £m	2022 £m	2023 £m	2024 £m
Total Direct Costs		3.30	3.90	4.03	4.39	4.57	4.52	5.13
Metering Overheads (allocated to capex)								
Metering Services: Allocation of overhead and admin	QCE_X _t	0.24	0.19	0.14	0.06	0.17	0.16	0.28
Market Opening : Allocation of overhead and admin	QCE_X _t	0.08	0.04	0.04	0.02	0.05	0.04	0.11
Meter Reading : Allocation of Overhead and Admin	QCE_X _t	0.16	0.08	0.08	0.04	0.10	0.11	0.17
Total		0.47	0.31	0.26	0.12	0.32	0.31	0.56
Indirect Costs (allocated to capex)								
Meter Installs	QCE_X _t	0.31	0.78	0.86	0.77	1.08	1.22	1.33
Meter Recertification	QCE_X _t	0.14	0.38	0.27	0.28	0.20	0.35	0.57
Overheads and Admin	QCE_X _t	0.07	0.04	0.11	0.09	0.19	0.26	0.31
Other (as required)	QCE_X _t	0.02	0.05	0.05	0.05	0.05	0.05	0.05
Total		0.54	1.25	1.28	1.18	1.53	1.87	2.25
Total Metering Costs (allocated to capex)		4.31	5.46	5.57	5.69	6.42	6.70	7.94