



**Pricing Proposal
For the financial year ending June 2023**

**Appendix B: Alternative control services fee schedule
March 2022**

PUBLIC

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1 ANCILLARY NETWORK SERVICES

1.1 Approved labour rates (real \$FY23 per hour)

Category	Max Labour rate (excl. GST)	Max Labour rate (incl. GST)
Admin Support R1	114.69	126.16
Technical Specialist R2	172.02	189.22
EO7/engineer R3	215.03	236.53
Field worker R4	165.78	182.36
Senior engineer R5	236.52	260.17
Engineering Manager R6	286.58	315.24

1.2 Outside of business hours

If an ancillary service is provided outside the hours of 7.30 am to 4.00 pm on a working day at the request of a customer (other than where Ausgrid requires that the work be performed outside those hours) Ausgrid will charge 175% of the fee for that service.

1.3 Metering related ANS (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Metering Site Establishment	Fixed	65.89	72.48
Special Meter Reading	Fixed	12.18	13.40
Type 5-6 Meter Test	Quoted (per hour)	165.78	182.36
Types 5-7 non-standard Meter Data Services	Fixed	17.39	19.13
Emergency maintenance of failed metering equipment not owned by the network	Fixed	197.15	216.87
Off peak conversion	Fixed	165.78	182.36
Disconnection Visit (Site Visit Only)	Quoted (per hour)	165.78	182.36
Disconnection Completed	Quoted (per hour)	165.78	182.36
Disconnection Visit (Disconnection Completed-Technical/ Advanced)	Quoted (per hour)	165.78	182.36

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Pillar/ Pole Top Disconnection Completed	Fixed	290.12	319.13
Pillar/Pole Top Site Visit	Fixed	388.98	427.88
Reconnection/ Disconnection Outside Normal Business Hours	Fixed	120.12	132.13
Network Tariff Change Request	Fixed	57.34	63.07
Recovery of Debt Collection Costs- Dishonoured Transactions	Fixed	30.68	33.75
Attendance at customer's premises to perform a statutory right where access is prevented	Fixed	94.72	104.19
Vacant Property Disconnection	Fixed	171.10	188.21
Vacant Property Site Visit	Fixed	43.67	48.04
Distributor arranged outage for purpose of replacing metering - Simple	Fixed	267.79	294.57
Distributor arranged outage for purpose of replacing metering - Complex (Labour R1)	Quoted (per hour)	114.69	126.16
Distributor arranged outage for purpose of replacing metering - Complex (Labour R4)	Quoted (per hour)	165.78	182.36
Distributor arranged outage for purpose of replacing metering - Site visit only	Quoted (per hour)	165.78	182.36
Correction of metering and market billing data	Fixed	57.34	63.07
Final read after type 5 meter equipment removed	Fixed	76.45	84.10
Type 5 and 6 CT testing	Quoted (per hour)	165.78	182.36
Type 5 and 6 CT recovery	Quoted (per hour)	165.78	182.36
Metering Site Alteration	Fixed	34.40	37.84
NMI Extinction	Fixed	34.40	37.84
Maintenance and testing of customer metering access points - Labour R2 (New)	Quoted (per hour)	172.02	189.22
Maintenance and testing of customer metering access points - Labour R3 (New)	Quoted (per hour)	215.03	236.53
Maintenance and testing of customer metering access points - Labour R4 (New)	Quoted (per hour)	165.78	182.36

1.4 Design related ANS (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Administration of Contestable Works - General	Fixed	1036.68	1140.35
Administration of Contestable Works - Additional	Quoted (per hour)	114.69	126.16
Administration of Pioneer Schemes	Fixed	1416.42	1558.06
Design Information - Simple	Fixed	655.82	721.4
Design Information - Standard	Quoted (per hour)	215.03	236.53
Design Information - Complex	Quoted (per hour)	236.52	260.17
Design Information - Asset Creation - Base Charge	Fixed	30.97	34.07
Design Information - Asset Creation - Per Asset Charge	Fixed	11.48	12.63
Design Certification - General	Fixed	2079.28	2287.21
Design Certification - Other – Labour R3	Quoted (per hour)	215.03	236.53
Design Certification - Other – Labour R5	Quoted (per hour)	236.52	260.17

1.5 Connection application related ANS (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Technical assessment – Applications or Relocations	Fixed	450.69	495.76
Preliminary Enquiry (Labour R3)	Quoted (per hour)	215.03	236.53
Preliminary Enquiry (Labour R5)	Quoted (per hour)	236.52	260.17
Connection Offer – Basic	Fixed	19.48	21.43
Connection Offer – Standard	Fixed	57.34	63.07
Connection Offer – Negotiated	Quoted (per hour)	236.52	260.17
Planning Studies (Labour R3)	Quoted (per hour)	215.03	236.53
Planning Studies (Labour R5)	Quoted (per hour)	236.52	260.17
Site Inspection	Fixed	528.96	581.86
Technical Support - Permanently Unmetered Supply (PUMS)	Quoted (per hour)	215.03	236.53
Registered participant support	Quoted (per hour)	236.52	260.17

1.6 Network commissioning and de-commissioning (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Commissioning assets - Simple	Fixed	1793.7	1973.07
Commissioning assets - Standard	Fixed	3375.19	3712.71
Commissioning assets - Complex (Labour R2)	Quoted (per hour)	172.02	189.22
Commissioning assets - Complex (Labour R3)	Quoted (per hour)	215.03	236.53
Commissioning assets - Complex (Labour R4)	Quoted (per hour)	165.78	182.36
Decommissioning assets (Labour R2)	Quoted (per hour)	172.02	189.22
Decommissioning assets (Labour R4)	Quoted (per hour)	165.78	182.36

1.7 Access permits, oversight and facilitation (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Simple permit or clearance to work	Fixed	1376.13	1513.74
Complex permit or clearance to work (Labour R2)	Quoted (per hour)	172.02	189.22
Complex permit or clearance to work (Labour R3)	Quoted (per hour)	215.03	236.53
Complex permit or clearance to work (Labour R4)	Quoted (per hour)	165.78	182.36
Access permit - cancellation - simple	Fixed	533.25	586.58
Access permit - cancellation - complex	Fixed	1221.31	1343.44
Install / remove overhead network earths	Quoted (per hour)	165.78	182.36
Access - standby person	Quoted (per hour)	165.78	182.36
Access - confined spaces entry permit (Labour R2)	Quoted (per hour)	172.02	189.22
Access - confined spaces entry permit (Labour R4)	Quoted (per hour)	165.78	182.36
Process and project facilitation (Labour R3)	Quoted (per hour)	215.03	236.53
Process and project facilitation (Labour R5)	Quoted (per hour)	236.52	260.17
Specialist services	Quoted (per hour)	236.52	260.17
Facilitation of activities within clearances of distributor assets (Labour R3)	Quoted (per hour)	215.03	236.53
Facilitation of activities within clearances of distributor assets (Labour R4)	Quoted (per hour)	165.78	182.36

1.8 Notices of arrangement (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Notice of arrangements	Fixed	490.98	540.08
Notice of arrangements (Labour R1)	Quoted (per hour)	114.69	126.16
Notice of arrangements (Labour R3)	Quoted (per hour)	215.03	236.53

1.9 Network related property services (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Property Tenure (Labour R1)	Quoted (per hour)	114.69	126.16
Property Tenure (Labour R3)	Quoted (per hour)	215.03	236.53
Property Tenure (Labour R5)	Quoted (per hour)	236.52	260.17

Note: legal fees are not included in the above.

1.10 Network safety and security services (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Rectification of illegal connections	Quoted (per hour)	152.38	167.62
Provision of service/additional crew	Quoted (per hour)	165.78	182.36
Fitting of tiger tails (torapoli)	Quoted (per hour)	165.78 + torapoli hire charges	182.36 + torapoli hire charges
High load escorts	Quoted (per hour)	165.78	182.36
Temporary Power	Quoted (per hour)	165.78	182.36
Bushfire Mitigation works	Quoted (per hour)	165.78	182.36
Neutral integrity test	Quoted (per hour)	165.78	182.36
De-energisation of wires for safe approach	Quoted (per hour)	165.78	182.36
Rectification of network related customer fault	Quoted (per hour)	165.78	182.36
11 kV cable termination at zone substation	Quoted (per hour)	165.78	182.36
Termination of a sub-transmission cable at a zone substation (Labour R2)	Quoted (per hour)	172.02	189.22
Termination of a sub-transmission cable at a zone substation (Labour R4)	Quoted (per hour)	165.78	182.36
Termination of a sub-transmission cable at a zone substation (Labour R5)	Quoted (per hour)	236.52	260.17
Complex customer initiated asset relocation (Labour R2)	Quoted (per hour)	172.02	189.22
Complex customer initiated asset relocation (Labour R4)	Quoted (per hour)	165.78	182.36

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Complex customer initiated asset relocation (Labour R5)	Quoted (per hour)	236.52	260.17
Traffic control	Quoted (per hour)	165.78	182.36
Substation disconnect and reconnect	Quoted (per hour)	165.78	182.36

1.11 Inspection services (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Network Construction - Level 1 ASP works	Quoted (per hour)	172.02	189.22
Re-inspection – Level 1 ASP works	Quoted (per hour)	172.02	189.22
Level 2 ASP works (NOSW) - A Grade	Fixed	35.55	39.11
Level 2 ASP works (NOSW) - B Grade	Fixed	63.06	69.37
Level 2 ASP works (NOSW) - C Grade	Fixed	200.69	220.76
Re-inspections - Level 2 ASP works	Quoted (per hour)	191.50	210.65
Investigate, review & implementation of remedial actions associated with ASP's connection works	Quoted (per hour)	236.52	260.17
Mandatory electrical contractor inspections - Service size >100A	Quoted (per hour)	191.51	210.66
Re-inspection of electrical contractor works	Quoted (per hour)	191.50	210.65

1.12 Authorisation of ASPs (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
ASP Level 1 - Initial Authorisation or Additional Authorisation Session	Fixed	258.03	283.83
ASP Level 1 - Authorisation Renewal or Additional Company to Existing Authorisation	Fixed	57.34	63.07
ASP Level 1 - Company Authorisation – Initial	Fixed	648.64	713.5
ASP Level 1 - Company Re-authorisation (Annual Fee)	Fixed	118.27	130.1
ASP Level 2 - Initial Authorisation	Fixed	458.71	504.58

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
ASP Level 2 - Re-authorisation (Annual Fee)	Fixed	372.70	409.97
ASP Level 2 - Additional authorisation	Fixed	114.69	126.16
ASP Level 3 - Authorisation/Re-authorisation (Biennial Fee)	Fixed	86.01	94.61

1.13 Consultancy and review services (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Engineering consultancy	Quoted (per hour)	286.58	315.24
Approved materials list application (Labour R5)	Quoted (per hour)	236.52	260.17
Approved materials list application (Labour R6)	Quoted (per hour)	286.58	315.24

1.14 Training services and ASP material sales (real \$FY23)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Training - 5 to 9 participants	Fixed	172.02	189.22
Training - 10 to 14 participants	Fixed	100.35	110.39
Training - 15 or more participants	Fixed	60.20	66.22
Complex training	Quoted (per hour)	331.12	364.23
ASP material sales	Purchase price + support costs adjustment	AER accepted confidential support cost adjustment (C-I-C)	

1.15 Security lighting (real \$FY23)

Light size	Installation cost (ex-GST)	Monthly charge (ex-GST) – first 2 years	Monthly charge (ex-GST) – post 2 years
Small	437.95	90.78	50.97
Medium	437.95	106.22	65.95
Large	437.95	163.77	130.22

Light size	Installation cost (inc-GST)	Monthly charge (inc-GST) – first 2 years	Monthly charge (inc-GST) – post 2 years
Small	481.75	99.86	56.07
Medium	481.75	116.84	72.55
Large	481.75	180.15	143.24

2 METERING

2.1 Annual metering charges for FY23 by tariff (real \$FY23)

Service charge name	Component	Price
Residential Non TOU Closed	Capital	15.10
	Non-capital	11.93
Residential Transitional TOU	Capital	15.10
	Non-capital	11.93
Residential TOU	Capital	16.81
	Non-capital	30.83
Controlled Load 1	Capital	8.37
	Non-capital	1.01
Controlled Load 2	Capital	8.37
	Non-capital	1.01
Small Business Non TOU Closed	Capital	23.08
	Non-capital	12.31
Small Business Transitional TOU	Capital	23.08
	Non-capital	12.31
Small Business TOU	Capital	16.04
	Non-capital	30.56
LV 40-160MWh (System)	Capital	20.88
	Non-capital	54.37
Transitional non-residential tariffs	Capital	20.88
	Non-capital	54.37
Generator Tariff *	Capital	8.65
	Non-capital	3.17
Residential Transitional TOU (data enabled) [^]	Capital	16.81
	Non-capital	30.83
Small Business Transitional TOU (data enabled) ^{^^}	Capital	16.04
	Non-capital	30.56
Transitional LV 160-750 MWh ^{^^^}	Capital	20.88
	Non-capital	54.37

* Prices set lower than AER's Final Decision written attachment to align them with generator service charges in the AER Final Decision modelling (AER – Ausgrid 2019-24 – Final Decision – Metering PTRM and pricing model – Public – April 2019)

[^] Residential Transitional TOU (data enabled) is a quoted service with its price aligned to the AER's approved Residential TOU metering charge in FY23. In later years of the 2019-24 period, the FY23 price of this quoted service will be updated for CPI and the AER's approved X-factors for type 5 and 6 metering services.

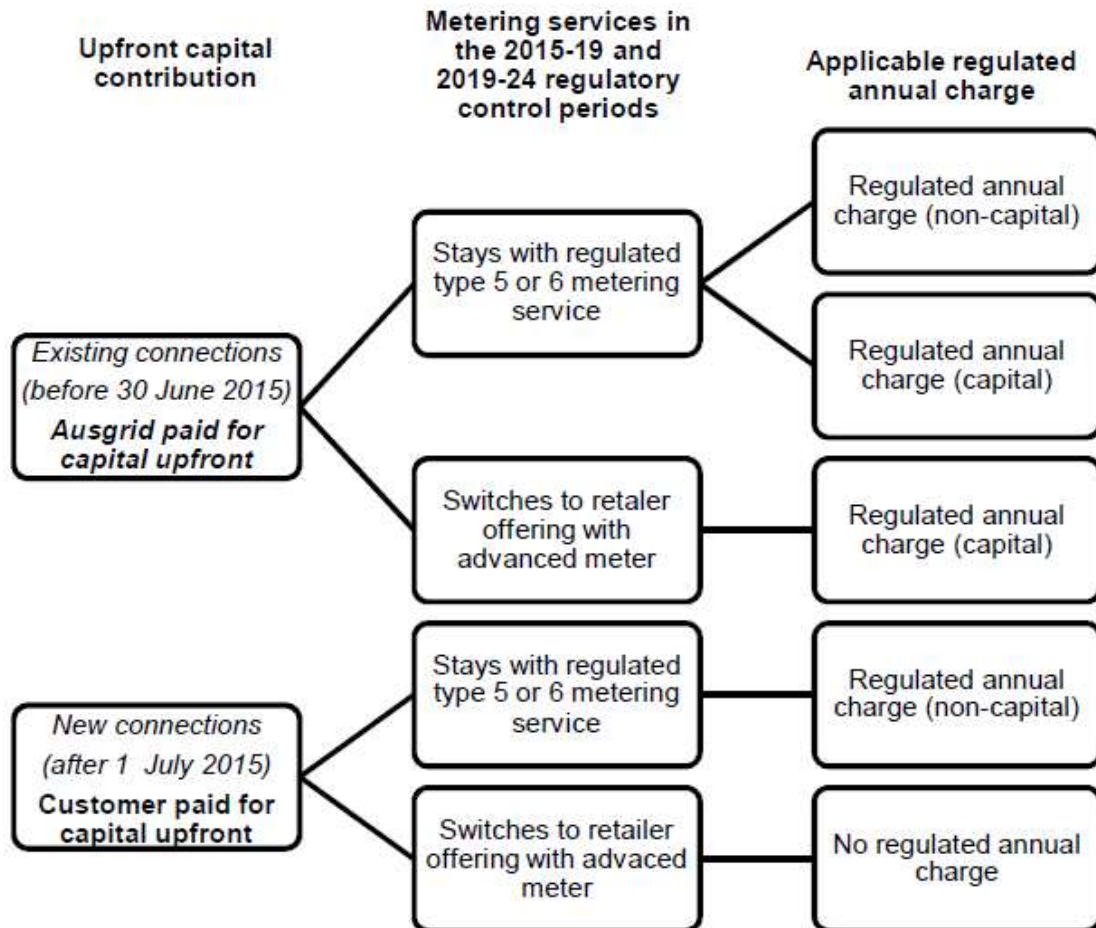
^{^^} Small Business Transitional TOU (data enabled) is a quoted service with its price aligned to the AER's approved Small Business TOU metering charge in FY23. In later years of the 2019-24 period, the FY23 price of this quoted service will be updated for CPI and the AER's approved X-factors for type 5 and 6 metering services.

^{^^^} Transitional LV 160-750 MWh is a quoted service for customers with Ausgrid meters on network tariff EA317 which, due to an administrative oversight by Ausgrid, do not have an approved metering charge in the AER's Final Decision. The price of this quoted service is aligned to the AER's approved LV 40-160 MWh (System) metering charge in FY23. In later years of the 2019-24 period, the FY23 price of this quoted service will be updated for CPI and the AER's approved X-factors for type 5 and 6 metering services.

2.2 Churning customers

Ausgrid will apply the AER's approved structure of metering charges in FY23. Under this charging structure, customers who transition to an advanced meter will continue to be charged the 'capital' metering charge they paid prior to leaving our metering services, if they had an Ausgrid meter on or before 30 June 2015. This arrangement is set out below. This will apply to customers with Ausgrid type 5 or type 6 meters upgrading to the new residential and small business demand tariffs (EA111/EA115/EA116 and EA251/EA255/EA256).

Figure B.1. AER approved structure of metering charges



3 PUBLIC LIGHTING

3.1 Post 2009 Annuity Prices (real \$FY23)

Item	Price (excl. GST)
Bracket - 0.5	6.30
Bracket - 0.6	6.30
Bracket - 1.0	7.74
Bracket - 1.2	7.74
Bracket - 1.5	7.74
Bracket - 2.0	7.74
Bracket - 2.5	7.74
Bracket - 3.0	7.74
Bracket - 3.5	10.95
Bracket - 4.0	17.61
Bracket - 4.5	17.61
Bracket - 5.0	17.61
Bracket - 6.0	21.89
Bracket - 6.5	21.89
Bracket - 7.0	21.89
Bracket - 8.0	21.89
Bracket - C4	10.64
Bracket - T1	9.83
Bracket - T2	15.40
Bracket - T2A	15.40
Bracket - T3	22.09
Bracket - T3A	22.09
Bracket - T4	22.09
Bracket - T5	22.09

Item	Price (excl. GST)
Bracket - T6	22.09
Bracket - T7	31.81
Luminaire - 1*17W LED	57.82
Luminaire - 1*22W LED	60.02
Luminaire - 1*25W LED GE	51.50
Luminaire - 1*29W LED	37.52
Luminaire - 1000W SON	102.98
Luminaire - 1000W SON FLOODLIGHT	84.59
Luminaire - 1000W/1500W MBI FLOODLIG	113.94
Luminaire - 100W LED ALD	118.86
Luminaire - 100W MBI	39.81
Luminaire - 100W MBI FLOODLIGHT	42.96
Luminaire - 100W SON	42.28
Luminaire - 100W SON FLOODLIGHT	61.29
Luminaire - 100W SON -PLAIN	42.28
Luminaire - 125W MBF	24.45
Luminaire - 125W MBF - BOURKE HILL	75.80
Luminaire - 125W MBF - PARKVILLE	95.48
Luminaire - 125W MBF -PLAIN	24.45
Luminaire - 125W/250W MBF FLOODLIGHT	33.80
Luminaire - 150W SON	42.64
Luminaire - 150W SON - PARKVILLE	112.02
Luminaire - 150W SON - PARKWAY 1	50.51
Luminaire - 150W SON ACTIVE REACTOR	61.82
Luminaire - 150W SON FLOODLIGHT	49.61
Luminaire - 150W/250W MBI FLOODLIGHT	75.19
Luminaire - 17W LED SY RRW	61.35
Luminaire - 2*14W TF - T5 PIERLITE M	32.02

Item	Price (excl. GST)
Luminaire - 2*250W SON FLOODLIGHT	69.06
Luminaire - 2*400W SON FLOODLIGHT	135.90
Luminaire - 2*80W MBF - BOURKE HILL	66.06
Luminaire - 200W LED ALD	118.86
Luminaire - 20W LED GE	51.50
Luminaire - 250W MBF	41.93
Luminaire - 250W MBF - PARKWAY 1	50.51
Luminaire - 250W SON	42.64
Luminaire - 250W SON - PARKVILLE	120.84
Luminaire - 250W SON - PARKWAY 1	50.51
Luminaire - 250W SON ACTIVE REACTOR	61.82
Luminaire - 250W SON FLOODLIGHT	49.61
Luminaire - 250W SON GEC 'BOSTON 3'	104.45
Luminaire - 28W LED SY	64.00
Luminaire - 298W LED ALD	170.44
Luminaire - 2X14W TF - T5 PIERLIGHT	32.02
Luminaire - 33W LED LRL	70.02
Luminaire - 4*250W SON	77.5
Luminaire - 4*600W SON	117
Luminaire - 400W MBF	33.93
Luminaire - 400W MBF - B2229	33.93
Luminaire - 400W MBF - PARKWAY 1	66.29
Luminaire - 400W MBF FLOODLIGHT	72.61
Luminaire - 400W MBI FLOODLIGHT	57.55
Luminaire - 400W SON	46.17
Luminaire - 400W SON - PARKWAY 1	50.51
Luminaire - 400W SON ACTIVE REACTOR	69.06
Luminaire - 400W SON FLOODLIGHT	49.61

Item	Price (excl. GST)
Luminaire - 42W LED LRL	89.61
Luminaire - 42W MBF SYLVANIA SUB ECO	29.42
Luminaire - 50W MBF	22.18
Luminaire - 50W MBF - BOURKE HILL	66.06
Luminaire - 50W MBF - NOSTALGIA	66.06
Luminaire - 50W MBF - PLAIN	22.18
Luminaire - 50W SON	21.47
Luminaire - 50W SON - NOSTALGIA	33.50
Luminaire - 50W SON -PLAIN	21.47
Luminaire - 70W MBI	27.76
Luminaire - 70W MBI - MACQUARIE DEC.	107.37
Luminaire - 70W MBI II	24.45
Luminaire - 70W MBI II AERO	25.36
Luminaire - 70W SON	24.36
Luminaire - 70W SON - BOURKE HILL	73.89
Luminaire - 70W SON - NOSTALGIA	68.90
Luminaire - 70W SON - PARKVILLE	86.43
Luminaire - 70W SON BOLLARD	52.60
Luminaire - 70W SON FLOODLIGHT	29.37
Luminaire - 70W SON -PLAIN	24.36
Luminaire - 80W MBF - BEGA+CURVE BRA	107.94
Luminaire - 80W MBF - BOURKE HILL	50.59
Luminaire - 80W MBF - NOSTALGIA	64.98
Luminaire - 80W MBF - PLAIN	21.16
Luminaire - 80W MBF - REGAL/FLINDERS	117.63
Luminaire - 80W MBF BOLLARD	41.85
Luminaire - 80W MBF TOORAK	59.29
Luminaire - LED TRIAL	37.52

Item	Price (excl. GST)
Luminaire - TH FLOODLIGHT	122.57
Luminaire - 25W LED PH	50.47
Luminaire - 17W LED ALD	46.87
Luminaire - 17W LED ALD RRW	46.87
Luminaire - 49W LED PH	54.07
Luminaire - 76W LED PH	67.72
Luminaire - 140W LED PH	72.56
Luminaire - 224W LED PH	83.89
Luminaire - 58W LED ALD	74.52
Luminaire - 74W LED ALD	87.21
Luminaire - 170W LED ALD	95.09
Luminaire - 258W LED ALD	106.29
Luminaire - 152W LED PH FLOOD	91.64
Luminaire - 120W LED PH FLOOD	90.93
Luminaire - 70W LED PH FLOOD	83.06
Luminaire - 110W LED SY FLOOD	121.92
Luminaire - 150W LED SY FLOOD	127.03
Luminaire - 175W LED SY FLOOD	144.17
Luminaire - 40W LED ALD	49.77
Luminaire - 16W LED PH	50.32
Luminaire - 10W LED PH RRW	50.19
Luminaire - 17W LED ALD ZHAGA	49.36
Luminaire - 17W LED ALD RRW ZHAGA	49.36
Luminaire - 40W LED ALD ZHAGA	52.54
Luminaire - 100W LED SY CT	201.17
Luminaire - 100W LED SY PT	198.41
Luminaire - 150W LED SY PT	212.22
Luminaire - 50W LED SY PT	184.58

Item	Price (excl. GST)
Luminaire - 34W LED BOURKE HILL	160.38
Luminaire - 600W LED ALD HM	376.49
Luminaire - 49W LED PH ZHAGA	61.80
Luminaire - 76W LED PH ZHAGA	75.46
Luminaire - 140W LED PH ZHAGA	80.29
Luminaire - 224W LED PH ZHAGA	91.64
Luminaire - 58W LED ALD ZHAGA	77.29
Luminaire - 74W LED ALD ZHAGA	89.97
Luminaire - 170W LED ALD ZHAGA	97.86
Luminaire - 258W LED ALD ZHAGA	109.06
Luminaire - COLONIAL ROCKS SPHERE	116.83
SMART CONTROLLER (materials and installation)	45.85
SMART CONTROLLER (materials price)	20.61
SMART CONTROLLER (materials price adjusted for PE Cell)	18.90
Support - COLUMN 10.5M-13.5M	416.43
Support - COLUMN 14M-15M	416.43
Support - COLUMN 2.5M-3.5M	364.08
Support - COLUMN 4-6.5M ORION WATE	374.35
Support - COLUMN 4M-6.5M	390.90
Support - COLUMN 7M-10M	382.55
Support - DECORATIVE COLUMN	401.54
Support - DEDICATED SUPPORT & COND	371.39
Support - MACQUARIE STANDARD	366.78
Support - MAST 15.5M-30M	387.95
Support - ORION DOUBLE ARM	356.12
Support - POLO 10.5M DECORATIVE 2M	378.45
Support - ROCKS STANDARD	380.13

3.2 Maintenance Prices (real \$FY23)

Item	Price (excl. GST)
Connection - O/U	112.69
Connection - UGR1	103.30
Connection - UGR2	37.56
Lamp - LED TRIAL	25.26
Lamp - LED1x100	33.60
Lamp - LED1x17	25.32
Lamp - LED1x200	33.61
Lamp - LED1x22	25.26
Lamp - LED1x25 GE	25.26
Lamp - LED1x28	25.32
Lamp - LED1x29	25.26
Lamp - LED1x298	33.63
Lamp - LED1x33	25.36
Lamp - LED1x42	25.40
Lamp - MBF1x1000	83.77
Lamp - MBF1x125	44.26
Lamp - MBF1x250	59.92
Lamp - MBF1x400	59.92
Lamp - MBF1x42	39.46
Lamp - MBF1x50	44.37
Lamp - MBF1x80	42.04
Lamp - MBF2x80	53.53
Lamp - MBI1x100	59.84
Lamp - MBI1x1000	74.52
Lamp - MBI1x150	59.74
Lamp - MBI1x250	57.26
Lamp - MBI1x400	57.17

Item	Price (excl. GST)
Lamp - MBI1x70	45.79
Lamp - MBI1x70 II	64.90
Lamp - SON1x100	70.42
Lamp - SON1x1000	77.29
Lamp - SON1x150	66.99
Lamp - SON1x150 AR	67.00
Lamp - SON1x250	68.63
Lamp - SON1x250 AR	68.64
Lamp - SON1x400	69.34
Lamp - SON1x400 AR	93.14
Lamp - SON1x50	51.17
Lamp - SON1x600	77.43
Lamp - SON1x70	49.38
Lamp - SON2x250	98.29
Lamp - SON2x400	99.72
Lamp - SON4x250	152.62
Lamp - SON4x600	187.09
Lamp - TF1x20	45.56
Lamp - TF1x40	72.15
Lamp - TF1x80	45.23
Lamp - TF2x14 T5	46.18
Lamp - TF2x20	57.40
Lamp - TF2x26	45.81
Lamp - TF2x40	45.81
Lamp - TF4x20	45.64
Lamp - TF4x40	47.35
Smart Controller (Licence and maintenance fee)	5.15

3.3 Pre 2009 asset capital charges (real \$FY23)

Item	Indicative price (excl. GST)
Customer 1	C-I-C
Customer 2	C-I-C
Customer 3	C-I-C
Customer 4	C-I-C
Customer 5	C-I-C
Customer 6	C-I-C
Customer 7	C-I-C
Customer 8	C-I-C
Customer 9	C-I-C
Customer 10	C-I-C
Customer 11	C-I-C
Customer 12	C-I-C
Customer 13	C-I-C
Customer 14	C-I-C
Customer 15	C-I-C
Customer 16	C-I-C
Customer 17	C-I-C
Customer 18	C-I-C
Customer 19	C-I-C
Customer 20	C-I-C
Customer 21	C-I-C
Customer 22	C-I-C
Customer 23	C-I-C
Customer 24	C-I-C
Customer 25	C-I-C
Customer 26	C-I-C
Customer 27	C-I-C
Customer 28	C-I-C

Item	Indicative price (excl. GST)
Customer 29	C-I-C
Customer 30	C-I-C
Customer 31	C-I-C
Customer 32	C-I-C
Customer 33	C-I-C
Customer 34	C-I-C
Customer 35	C-I-C
Customer 36	C-I-C
Customer 37	C-I-C
Customer 38	C-I-C
Customer 39	C-I-C
Customer 40	C-I-C
Customer 41	C-I-C
Customer 42	C-I-C
Customer 43	C-I-C
Customer 44	C-I-C
Customer 45	C-I-C
Customer 46	C-I-C
Customer 47	C-I-C
Customer 48	C-I-C
Customer 49	C-I-C
Customer 50	C-I-C
Customer 51	C-I-C
Customer 52	C-I-C
Customer 53	C-I-C
Customer 54	C-I-C
Customer 55	C-I-C
Customer 56	C-I-C
Customer 57	C-I-C

Item	Indicative price (excl. GST)
Customer 58	C-I-C
Customer 59	C-I-C
Customer 60	C-I-C
Customer 61	C-I-C
Customer 62	C-I-C
Customer 63	C-I-C
Customer 64	C-I-C
Customer 65	C-I-C
Customer 66	C-I-C
Customer 67	C-I-C
Customer 68	C-I-C
Customer 69	C-I-C
Customer 70	C-I-C
Customer 71	C-I-C
Customer 72	C-I-C
Customer 73	C-I-C
Customer 74	C-I-C
Customer 75	C-I-C
Customer 76	C-I-C
Customer 77	C-I-C
Customer 78	C-I-C
Customer 79	C-I-C
Customer 80	C-I-C
Customer 81	C-I-C
Customer 82	C-I-C
Customer 83	C-I-C
Customer 84	C-I-C
Customer 85	C-I-C
Customer 86	C-I-C

Item	Indicative price (excl. GST)
Customer 87	C-I-C
Customer 88	C-I-C
Customer 89	C-I-C
Customer 90	C-I-C
Customer 91	C-I-C
Customer 92	C-I-C
Customer 93	C-I-C
Customer 94	C-I-C
Customer 95	C-I-C
Customer 96	C-I-C
Customer 97	C-I-C
Customer 98	C-I-C
Customer 99	C-I-C
Customer 100	C-I-C
Customer 101	C-I-C
Customer 102	C-I-C

3.4 New Public Lighting annuity and maintenance prices

The public lighting charges listed in tables 3.1 and 3.2 contain 41 additional post-2009 annuity prices and one maintenance charge for public lighting that were not part of the AER's final decision for the FY20-24 regulatory period.

The new public lighting charges are also listed separately in tables 3.4A and 3.4B below:

3.4A New Post 2009 Annuity Prices (real \$FY23)

Item	Price (excl. GST)
Luminaire - 25W LED PH	50.47
Luminaire - 17W LED ALD	46.87
Luminaire - 17W LED ALD RRW	46.87
Luminaire - 49W LED PH	54.07
Luminaire - 76W LED PH	67.72
Luminaire - 140W LED PH	72.56
Luminaire - 224W LED PH	83.89
Luminaire - 58W LED ALD	74.52
Luminaire - 74W LED ALD	87.21
Luminaire - 170W LED ALD	95.09
Luminaire - 258W LED ALD	106.29
Luminaire - 152W LED PH FLOOD	91.64
Luminaire - 120W LED PH FLOOD	90.93
Luminaire - 70W LED PH FLOOD	83.06
Luminaire - 110W LED SY FLOOD	121.92
Luminaire - 150W LED SY FLOOD	127.03
Luminaire - 175W LED SY FLOOD	144.17
Luminaire - 40W LED ALD	49.77
Luminaire - 16W LED PH	50.32
Luminaire - 10W LED PH RRW	50.19
Luminaire - 17W LED ALD ZHAGA	49.36

Item	Price (excl. GST)
Luminaire - 17W LED ALD RRW ZHAGA	49.36
Luminaire - 40W LED ALD ZHAGA	52.54
Luminaire - 100W LED SY CT	201.17
Luminaire - 100W LED SY PT	198.41
Luminaire - 150W LED SY PT	212.22
Luminaire - 50W LED SY PT	184.58
Luminaire - 34W LED BOURKE HILL	160.38
Luminaire - 600W LED ALD HM	376.49
Luminaire - 49W LED PH ZHAGA	61.80
Luminaire - 76W LED PH ZHAGA	75.46
Luminaire - 140W LED PH ZHAGA	80.29
Luminaire - 224W LED PH ZHAGA	91.64
Luminaire - 58W LED ALD ZHAGA	77.29
Luminaire - 74W LED ALD ZHAGA	89.97
Luminaire - 170W LED ALD ZHAGA	97.86
Luminaire - 258W LED ALD ZHAGA	109.06
Luminaire - COLONIAL ROCKS SPHERE	116.83
SMART CONTROLLER (materials and installation)	45.85
SMART CONTROLLER (materials price)	20.61
SMART CONTROLLER (materials price adjusted for PE Cell)	18.90

3.4B New Maintenance Prices (real \$FY23)

Item	Price (excl. GST)
Smart Controller (Licence and maintenance fee)	5.15

4 CONTROL MECHANISM

The AER determined price cap formula that will apply to Ausgrid's alternative control services (except for quoted services) is shown in Figure 4.1 below.¹ The quoted services control mechanism is set out in Figure 4.2.

Figure 4.1: Price cap formula to apply to ancillary services (fee based), public lighting and type 5 and 6 metering services

$$\bar{p}_t^i \geq p_t^i \quad i=1, \dots, n \text{ and } t=1, 2, \dots, 5$$

$$\bar{p}_t^i = \bar{p}_{t-1}^i \times (1 + \Delta CPI_t)(1 - X_t^i) + A_t^i$$

Where:

\bar{p}_t^i is the cap on the price of service i in year t.

p_t^i is the price of service i in year t. For the first year of the regulatory control period, the cap on the price of service i will be as per the schedule of approved charges in the AER's Final Decision

ΔCPI_t is the annual percentage change in the ABS consumer price index (CPI) All Groups, Weighted Average of Eight Capital Cities² from the December quarter in year t-2 to the December quarter in year t-1, calculated using the following method:

The ABS CPI All Groups, Weighted Average of Eight Capital Cities for the December quarter in regulatory year t-1

divided by

The ABS CPI All Groups, Weighted Average of Eight Capital Cities for the December quarter in regulatory year t-2

minus one.

For example, for 2020-21, year t-2 is the December quarter 2018 and year t-1 is the December quarter 2019.

X_t^i is the X factor for service i in year t. Under the AER's Final Decision, the X factor for public lighting is 0%.

A_t^i is the sum of any adjustments for service i in year t. Likely to include, but not limited to adjustments for any approved cost pass through amounts (positive or negative) with respect to regulatory year t, as determined by the AER.

Figure 4.2: Control mechanism formula for quoted services

$$\text{Price} = \text{Labour} + \text{Contractor Services} + \text{Materials}$$

Where:

¹ Though the AER's control mechanism attachment for its Final Decision did not include a control mechanism for alternative control services, its Draft Decision and F&A paper specified a 'price cap' will apply.

² If the ABS does not, or ceases to, publish the index, then CPI will mean an index which the AER considers is the best available alternative index.

Labour consists of all labour costs directly incurred in the provision of the service which may include labour on-costs, fleet on-costs and overheads. Labour is escalated annually by $(1 + \Delta CPI_t)(1 - X_t^i)$ where:

ΔCPI_t is the annual percentage change in the ABS consumer price index (CPI) All Groups, Weighted Average of Eight Capital Cities³ from the December quarter in year t-2 to the December quarter in year t-1, calculated using the following method:

The ABS CPI All Groups, Weighted Average of Eight Capital Cities for the December quarter in regulatory year t-1

divided by

The ABS CPI All Groups, Weighted Average of Eight Capital Cities for the December quarter in regulatory year t-2

minus one.

For example, for 2020-21, year t-2 is the December quarter 2018 and year t-1 is the December quarter 2019.

X_t^i is the X factor for service i in year t. The value of this factor is as specified in the AER's Final Decision.

Contractor Services reflect all costs associated with the use of external labour including overheads and any direct costs incurred. The contracted services charge applies the rates under existing contractual arrangements. Direct costs incurred are passed on to the customer.

Materials reflect the cost of materials directly incurred in the provision of the service, material storage and logistics on-costs and overheads.

³ If the ABS does not, or ceases to, publish the index, then CPI will mean an index which the AER considers is the best available alternative index.

5 X FACTORS

5.1 Ancillary network services

The X-factors set out in the AER Final Decision for fee-based and quoted ancillary services for each year of the 2019-24 regulatory control period are shown in table below.

Table 5.1. X-factors for Ancillary Network Services (per cent)

	FY20	FY21	FY23	FY23	FY24
X-factor	n/a	-0.7008	-1.0452	-1.2144	-1.0624

5.2 Public lighting

The AER's Final Decision determined that the X Factor to be applied to public lighting services will be zero in each year of the 2019-24 regulatory control period.

5.3 Type 5 and 6 metering services

The X-factors set out in the AER Final Decision for annual metering for the relevant years of the 2019-24 regulatory control period are shown in the table below.

Table 5.2. X-factors for the annual metering charges (per cent)

		FY20	FY21	FY23	FY23	FY24
X-factor	Capital	n/a	3.12	3.12	3.12	3.12
	Non-Capital	n/a	-1.00	-1.00	-1.00	-1.00