



**Pricing Proposal**  
**For the financial year ending June 2022**

**Appendix B: Alternative control services fee schedule**  
March 2021

**CONFIDENTIAL**

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# 1 ANCILLARY NETWORK SERVICES

## 1.1 Approved labour rates (real \$FY22 per hour)

Category	Max Labour rate (excl. GST)	Max Labour rate (incl. GST)
Admin Support R1	109.48	120.43
Technical Specialist R2	164.21	180.63
EO7/engineer R3	205.27	225.80
Field worker R4	158.25	174.08
Senior engineer R5	225.78	248.36
Engineering Manager R6	273.57	300.93

## 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 \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Metering Site Establishment	Fixed	62.90	69.19
Special Meter Reading	Fixed	11.63	12.79
Type 5-6 Meter Test	Quoted (per hour)	158.25	174.08
Franchise current transformer (CT) meter install	-	N/A	N/A
Types 5-7 non-standard Meter Data Services	Fixed	16.60	18.26
Emergency maintenance of failed metering equipment not owned by the network	Fixed	188.20	207.02
Off peak conversion	Fixed	158.25	174.08
Disconnection Visit (Site Visit Only)	Quoted (per hour)	158.25	174.08
Disconnection Completed	Quoted (per hour)	158.25	174.08

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Disconnection Visit (Disconnection Completed-Technical/ Advanced)	Quoted (per hour)	158.25	174.08
Pillar/ Pole Top Disconnection Completed	Fixed	276.95	304.65
Pillar/Pole Top Site Visit	Fixed	371.32	408.45
Reconnection/ Disconnection Outside Normal Business Hours	Fixed	114.67	126.14
Network Tariff Change Request	Fixed	54.74	60.21
Recovery of Debt Collection Costs- Dishonoured Transactions	Fixed	29.29	32.22
Attendance at customer's premises to perform a statutory right where access is prevented	Fixed	90.42	99.46
Vacant Property Disconnection	Fixed	163.33	179.66
Vacant Property Site Visit	Fixed	41.69	45.86
Distributor arranged outage for purpose of replacing metering - Simple	Fixed	255.63	281.19
Distributor arranged outage for purpose of replacing metering - Complex (Labour R1)	Quoted (per hour)	109.48	120.43
Distributor arranged outage for purpose of replacing metering - Complex (Labour R4)	Quoted (per hour)	158.25	174.08
Distributor arranged outage for purpose of replacing metering - Site visit only	Quoted (per hour)	158.25	174.08
Correction of metering and market billing data	Fixed	54.74	60.21
Final read after type 5 meter equipment removed	Fixed	72.98	80.28
Type 5 and 6 CT testing	Quoted (per hour)	158.25	174.08
Type 5 and 6 CT recovery	Quoted (per hour)	158.25	174.08
Metering Site Alteration	Fixed	32.84	36.12
NMI Extinction	Fixed	32.84	36.12
Maintenance and testing of customer metering access points - Labour R2 (New)	Quoted (per hour)	164.21	180.63
Maintenance and testing of customer metering access points - Labour R3 (New)	Quoted (per hour)	205.27	225.80

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Maintenance and testing of customer metering access points - Labour R4 (New)	Quoted (per hour)	158.25	174.08

#### 1.4 Design related ANS (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Administration of Contestable Works - General	Fixed	989.62	1088.58
Administration of Contestable Works - Additional	Quoted (per hour)	109.48	120.43
Administration of Pioneer Schemes	Fixed	1352.12	1487.33
Design Information - Simple	Fixed	626.05	688.66
Design Information - Standard	Quoted (per hour)	205.27	225.80
Design Information - Complex	Quoted (per hour)	225.78	248.36
Design Information - Asset Creation - Base Charge	Fixed	29.56	32.52
Design Information - Asset Creation - Per Asset Charge	Fixed	10.96	12.06
Design Certification - General	Fixed	1984.89	2183.38
Design Certification - Other – Labour R3	Quoted (per hour)	205.27	225.80
Design Certification - Other – Labour R5	Quoted (per hour)	225.78	248.36

## 1.5 Connection application related ANS (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Technical assessment – Applications or Relocations	Fixed	430.23	473.25
Preliminary Enquiry (Labour R3)	Quoted (per hour)	205.27	225.80
Preliminary Enquiry (Labour R5)	Quoted (per hour)	225.78	248.36
Connection Offer – Basic	Fixed	18.60	20.46
Connection Offer – Standard	Fixed	54.74	60.21
Connection Offer – Negotiated	Quoted (per hour)	225.78	248.36
Planning Studies (Labour R3)	Quoted (per hour)	205.27	225.80
Planning Studies (Labour R5)	Quoted (per hour)	225.78	248.36
Site Inspection	Fixed	504.95	555.45
Technical Support - Permanently Unmetered Supply (PUMS)	Quoted (per hour)	205.27	225.80
Registered participant support	Quoted (per hour)	225.78	248.36

## 1.6 Network commissioning and de-commissioning (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Commissioning assets - Simple	Fixed	1712.28	1883.51
Commissioning assets - Standard	Fixed	3221.98	3544.18
Commissioning assets - Complex (Labour R2)	Quoted (per hour)	164.21	180.63
Commissioning assets - Complex (Labour R3)	Quoted (per hour)	205.27	225.80
Commissioning assets - Complex (Labour R4)	Quoted (per hour)	158.25	174.08
Decommissioning assets (Labour R2)	Quoted (per hour)	164.21	180.63
Decommissioning assets (Labour R4)	Quoted (per hour)	158.25	174.08

## 1.7 Access permits, oversight and facilitation (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Simple permit or clearance to work	Fixed	1313.66	1445.03
Complex permit or clearance to work (Labour R2)	Quoted (per hour)	164.21	180.63
Complex permit or clearance to work (Labour R3)	Quoted (per hour)	205.27	225.80
Complex permit or clearance to work (Labour R4)	Quoted (per hour)	158.25	174.08
Access permit - cancellation - simple	Fixed	509.04	559.94
Access permit - cancellation - complex	Fixed	1165.87	1282.46
Install / remove overhead network earths	Quoted (per hour)	158.25	174.08
Access - standby person	Quoted (per hour)	158.25	174.08
Access - confined spaces entry permit (Labour R2)	Quoted (per hour)	164.21	180.63
Access - confined spaces entry permit (Labour R4)	Quoted (per hour)	158.25	174.08
Process and project facilitation (Labour R3)	Quoted (per hour)	205.27	225.80
Process and project facilitation (Labour R5)	Quoted (per hour)	225.78	248.36
Specialist services	Quoted (per hour)	225.78	248.36
Facilitation of activities within clearances of distributor assets (Labour R3)	Quoted (per hour)	205.27	225.80
Facilitation of activities within clearances of distributor assets (Labour R4)	Quoted (per hour)	158.25	174.08

## 1.8 Notices of arrangement (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Notice of arrangements	Fixed	468.69	515.56
Notice of arrangements (Labour R1)	Quoted (per hour)	109.48	120.43
Notice of arrangements (Labour R3)	Quoted (per hour)	205.27	225.80

## 1.9 Network related property services (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Property Tenure (Labour R1)	Quoted (per hour)	109.48	120.43
Property Tenure (Labour R3)	Quoted (per hour)	205.27	225.80
Property Tenure (Labour R5)	Quoted (per hour)	225.78	248.36

Note: legal fees are not included in the above.

## 1.10 Network safety and security services (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Rectification of illegal connections	Quoted (per hour)	145.46	160.01
Provision of service/additional crew	Quoted (per hour)	158.25	174.08
Fitting of tiger tails (torapoli)	Quoted (per hour)	158.25 + torapoli hire charges	174.08 + torapoli hire charges
High load escorts	Quoted (per hour)	158.25	174.08
Temporary Power	Quoted (per hour)	158.25	174.08
Bushfire Mitigation works	Quoted (per hour)	158.25	174.08
Neutral integrity test	Quoted (per hour)	158.25	174.08
De-energisation of wires for safe approach	Quoted (per hour)	158.25	174.08
Rectification of network related customer fault	Quoted (per hour)	158.25	174.08
11 kV cable termination at zone substation	Quoted (per hour)	158.25	174.08
Termination of a sub-transmission cable at a zone substation (Labour R2)	Quoted (per hour)	164.21	180.63
Termination of a sub-transmission cable at a zone substation (Labour R4)	Quoted (per hour)	158.25	174.08
Termination of a sub-transmission cable at a zone substation (Labour R5)	Quoted (per hour)	225.78	248.36
Complex customer initiated asset relocation (Labour R2)	Quoted (per hour)	164.21	180.63
Complex customer initiated asset relocation (Labour R4)	Quoted (per hour)	158.25	174.08



Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Complex customer initiated asset relocation (Labour R5)	Quoted (per hour)	225.78	248.36
Traffic control	Quoted (per hour)	158.25	174.08
Substation disconnect and reconnect	Quoted (per hour)	158.25	174.08

### 1.11 Inspection services (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Network Construction - Level 1 ASP works	Quoted (per hour)	164.21	180.63
Re-inspection – Level 1 ASP works	Quoted (per hour)	164.21	180.63
Level 2 ASP works (NOSW) - A Grade	Fixed	33.94	37.33
Level 2 ASP works (NOSW) - B Grade	Fixed	60.21	66.23
Level 2 ASP works (NOSW) - C Grade	Fixed	191.58	210.74
Re-inspections - Level 2 ASP works	Quoted (per hour)	182.81	201.09
Investigate, review & implementation of remedial actions associated with ASP's connection works	Quoted (per hour)	225.78	248.36
Mandatory electrical contractor inspections - Service size >100A	Quoted (per hour)	182.81	201.09
Re-inspection of electrical contractor works	Quoted (per hour)	182.81	201.09

### 1.12 Authorisation of ASPs (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
ASP Level 1 - Initial Authorisation or Additional Authorisation Session	Fixed	246.32	270.95
ASP Level 1 - Authorisation Renewal or Additional Company to Existing Authorisation	Fixed	54.74	60.21
ASP Level 1 - Company Authorisation – Initial	Fixed	619.20	681.12
ASP Level 1 - Company Re-authorisation (Annual Fee)	Fixed	112.90	124.19
ASP Level 2 - Initial Authorisation	Fixed	437.89	481.68

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
ASP Level 2 - Re-authorisation (Annual Fee)	Fixed	355.78	391.36
ASP Level 2 - Additional authorisation	Fixed	109.47	120.42
ASP Level 3 - Authorisation/Re-authorisation (Biennial Fee)	Fixed	82.11	90.32

### 1.13 Consultancy and review services (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Engineering consultancy	Quoted (per hour)	273.57	300.93
Approved materials list application (Labour R5)	Quoted (per hour)	225.78	248.36
Approved materials list application (Labour R6)	Quoted (per hour)	273.57	300.93

### 1.14 Training services and ASP material sales (real \$FY22)

Service	Fixed or quoted	Price (excl. GST)	Price (incl. GST)
Training - 5 to 9 participants	Fixed	164.21	180.63
Training - 10 to 14 participants	Fixed	95.79	105.37
Training - 15 or more participants	Fixed	57.47	63.22
Complex training	Quoted (per hour)	316.10	347.71
ASP material sales	Purchase price + support costs adjustment	AER accepted confidential support cost adjustment (C-I-C)	

### 1.15 Security lighting (real \$FY22)

Light size	Installation cost (ex-GST)	Monthly charge (ex-GST) – first 2 years	Monthly charge (ex-GST) – post 2 years
Small	418.07	86.66	48.66
Medium	418.07	101.40	62.96
Large	418.07	156.34	124.31

## 2 METERING

### 2.1 Annual metering charges for FY22 by tariff (real \$FY22)

Service charge name	Component	Price
Residential Non TOU Closed	Capital	15.05
	Non-capital	11.41
Residential Transitional TOU	Capital	15.05
	Non-capital	11.41
Residential TOU	Capital	16.76
	Non-capital	29.50
Controlled Load 1	Capital	8.36
	Non-capital	0.96
Controlled Load 2	Capital	8.36
	Non-capital	0.96
Small Business Non TOU Closed	Capital	23.02
	Non-capital	11.78
Small Business Transitional TOU	Capital	23.02
	Non-capital	11.78
Small Business TOU	Capital	15.99
	Non-capital	29.23
LV 40-160MWh (System)	Capital	20.82
	Non-capital	52.02
Transitional non-residential tariffs	Capital	20.82
	Non-capital	52.02
Generator Tariff *	Capital	8.63
	Non-capital	3.03
Residential Transitional TOU (data enabled) <sup>^</sup>	Capital	16.76
	Non-capital	29.50
Small Business Transitional TOU (data enabled) <sup>^^</sup>	Capital	15.99
	Non-capital	29.23
Transitional LV 160-750 MWh <sup>^^^</sup>	Capital	20.82
	Non-capital	52.02

\* 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)

<sup>^</sup> Residential Transitional TOU (data enabled) is a quoted service with its price aligned to the AER's approved Residential TOU metering charge in FY22. In later years of the 2019-24 period, the FY22 price of this quoted service will be updated for CPI and the AER's approved X-factors for type 5 and 6 metering services.

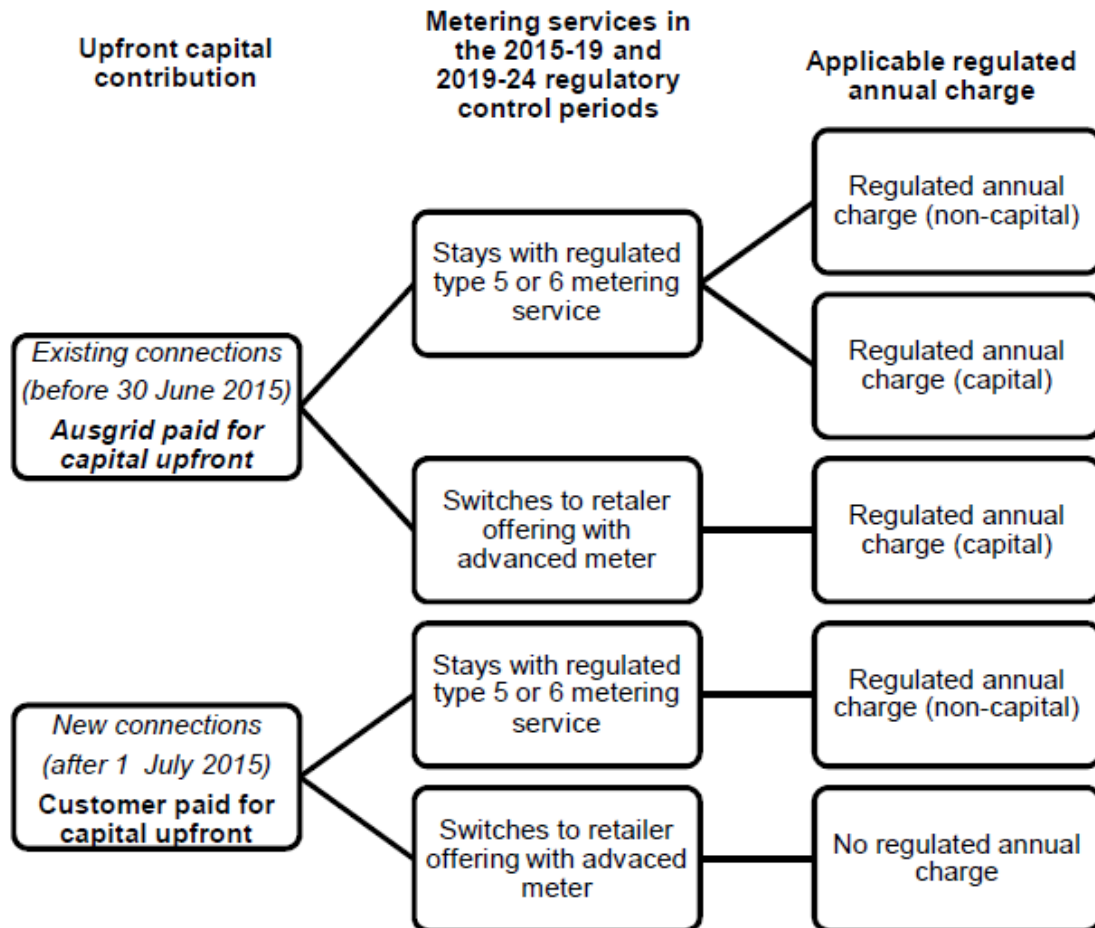
<sup>^^</sup> Small Business Transitional TOU (data enabled) is a quoted service with its price aligned to the AER's approved Small Business TOU metering charge in FY22. In later years of the 2019-24 period, the FY22 price of this quoted service will be updated for CPI and the AER's approved X-factors for type 5 and 6 metering services.

<sup>^^^</sup> 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 FY22. In later years of the 2019-24 period, the FY22 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 FY22. 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 \$FY22)

Item	Price (excl. GST)
Bracket - 0.5	6.09
Bracket - 0.6	6.09
Bracket - 1.0	7.49
Bracket - 1.2	7.49
Bracket - 1.5	7.49
Bracket - 2.0	7.49
Bracket - 2.5	7.49
Bracket - 3.0	7.49
Bracket - 3.5	10.58
Bracket - 4.0	17.01
Bracket - 4.5	17.01
Bracket - 5.0	17.01
Bracket - 6.0	21.15
Bracket - 6.5	21.15
Bracket - 7.0	21.15
Bracket - 8.0	21.15
Bracket - C4	10.28
Bracket - SUSPENDED	0.00
Bracket - T1	9.50
Bracket - T2	14.88
Bracket - T2A	14.88
Bracket - T3	21.35
Bracket - T3A	21.35
Bracket - T4	21.35
Bracket - T5	21.35

Item	Price (excl. GST)
Bracket - T6	21.35
Bracket - T7	30.73
Luminaire - 1*17W LED	55.87
Luminaire - 1*22W LED	58.00
Luminaire - 1*25W LED GE	49.76
Luminaire - 1*29W LED	36.25
Luminaire - 1*40W TF	0.00
Luminaire - 1*80W TF	0.00
Luminaire - 1000W MBF	0.00
Luminaire - 1000W SON	99.50
Luminaire - 1000W SON FLOODLIGHT	81.73
Luminaire - 1000W/1500W MBI FLOODLIG	110.09
Luminaire - 100W LED ALD	114.84
Luminaire - 100W MBI	38.46
Luminaire - 100W MBI FLOODLIGHT	41.52
Luminaire - 100W SON	40.85
Luminaire - 100W SON - PARKVILLE	0.00
Luminaire - 100W SON FLOODLIGHT	59.22
Luminaire - 100W SON -PLAIN	40.85
Luminaire - 125W MBF	23.63
Luminaire - 125W MBF - BOURKE HILL	73.25
Luminaire - 125W MBF - PARKVILLE	92.25
Luminaire - 125W MBF -PLAIN	23.63
Luminaire - 125W/250W MBF FLOODLIGHT	32.66
Luminaire - 150W SON	41.20
Luminaire - 150W SON - PARKVILLE	108.24
Luminaire - 150W SON - PARKWAY 1	48.80
Luminaire - 150W SON ACTIVE REACTOR	59.73

Item	Price (excl. GST)
Luminaire - 150W SON FLOODLIGHT	47.93
Luminaire - 150W SON GEC 'BOSTON 3'	0.00
Luminaire - 150W/250W MBI FLOODLIGHT	72.65
Luminaire - 17W LED SY RRW	59.28
Luminaire - 2*14W TF - T5 PIERLITE M	30.95
Luminaire - 2*20W TF	0.00
Luminaire - 2*20W TF - WAVERLEY	0.00
Luminaire - 2*250W SON FLOODLIGHT	66.72
Luminaire - 2*400W SON FLOODLIGHT	131.31
Luminaire - 2*40W TF	0.00
Luminaire - 2*80W MBF - BOURKE HILL	63.84
Luminaire - 200W LED ALD	114.84
Luminaire - 20W LED GE	49.76
Luminaire - 250W MBF	40.50
Luminaire - 250W MBF - PARKWAY 1	48.80
Luminaire - 250W MBI - SMARTPOLE	0.00
Luminaire - 250W SON	41.20
Luminaire - 250W SON - PARKVILLE	116.76
Luminaire - 250W SON - PARKWAY 1	48.80
Luminaire - 250W SON ACTIVE REACTOR	59.73
Luminaire - 250W SON FLOODLIGHT	47.93
Luminaire - 250W SON GEC 'BOSTON 3'	100.92
Luminaire - 28W LED SY	61.83
Luminaire - 298W LED ALD	164.68
Luminaire - 2X14W TF - T5 PIERLIGHT	30.95
Luminaire - 33W LED LRL	67.65
Luminaire - 4*20W TF	0.00
Luminaire - 4*20W TF - WAVERLEY	0.00



Item	Price (excl. GST)
Luminaire - 4*250W SON	74.88
Luminaire - 4*600W SON	113.05
Luminaire - 400W MBF	32.78
Luminaire - 400W MBF - B2229	32.78
Luminaire - 400W MBF - PARKWAY 1	64.04
Luminaire - 400W MBF FLOODLIGHT	70.16
Luminaire - 400W MBI	0.00
Luminaire - 400W MBI - SMARTPOLE	0.00
Luminaire - 400W MBI FLOODLIGHT	55.60
Luminaire - 400W SON	44.61
Luminaire - 400W SON - PARKWAY 1	48.80
Luminaire - 400W SON ACTIVE REACTOR	66.72
Luminaire - 400W SON FLOODLIGHT	47.93
Luminaire - 42W LED LRL	86.58
Luminaire - 42W MBF SYLVANIA SUB ECO	28.43
Luminaire - 50W MBF	21.44
Luminaire - 50W MBF - BOURKE HILL	63.84
Luminaire - 50W MBF - NOSTALGIA	63.84
Luminaire - 50W MBF - PLAIN	21.44
Luminaire - 50W SON	20.74
Luminaire - 50W SON - NOSTALGIA	32.37
Luminaire - 50W SON -PLAIN	20.74
Luminaire - 700W MBF FLOODLIGHT	0.00
Luminaire - 70W MBI	26.82
Luminaire - 70W MBI - MACQUARIE DEC.	103.73
Luminaire - 70W MBI II	23.63
Luminaire - 70W MBI II AERO	24.50
Luminaire - 70W SON	23.54

Item	Price (excl. GST)
Luminaire - 70W SON - BOURKE HILL	71.39
Luminaire - 70W SON - NOSTALGIA	66.57
Luminaire - 70W SON - PARKVILLE	83.51
Luminaire - 70W SON BOLLARD	50.82
Luminaire - 70W SON FLOODLIGHT	28.38
Luminaire - 70W SON -PLAIN	23.54
Luminaire - 80W MBF	0.00
Luminaire - 80W MBF - BEGA+CURVE BRA	104.29
Luminaire - 80W MBF - BOURKE HILL	48.88
Luminaire - 80W MBF - NOSTALGIA	62.78
Luminaire - 80W MBF - PLAIN	20.44
Luminaire - 80W MBF - REGAL/FLINDERS	113.65
Luminaire - 80W MBF - SYLVANIA SUBUR	0.00
Luminaire - 80W MBF BOLLARD	40.44
Luminaire - 80W MBF TOORAK	57.28
Luminaire - LED TRIAL	36.25
Luminaire - TH FLOODLIGHT	118.43
Support - 2ND LIGHT NON-TRL	0.00
Support - 2ND LIGHT TRL	0.00
Support - COLUMN 10.5M-13.5M	402.36
Support - COLUMN 14M-15M	402.36
Support - COLUMN 2.5M-3.5M	351.78
Support - COLUMN 4-6.5M ORION WATE	361.69
Support - COLUMN 4M-6.5M	377.69
Support - COLUMN 7M-10M	369.63
Support - DECORATIVE COLUMN	387.98
Support - DEDICATED SUPPORT & COND	358.84
Support - MACQUARIE STANDARD	354.38

Item	Price (excl. GST)
Support - MAST 15.5M-30M	374.84
Support - ORION DOUBLE ARM	344.08
Support - POLO 10.5M DECORATIVE 2M	365.66
Support - ROCKS STANDARD	367.28
Support - SUSPENDED	0.00
Support - WALL	0.00
Support - WOOD POLE NON-TRL	0.00
Support - WOOD POLE TRL	0.00

### 3.2 Maintenance Prices (real \$FY22)

Item	Price (excl. GST)
Connection - O/U	108.88
Connection - OH	0.00
Connection - OH2	0.00
Connection - OHS	0.00
Connection - UG2	0.00
Connection - UGR1	99.81
Connection - UGR2	36.29
Connection - UGS	0.00
Connection - UG-SP	0.00
Lamp - LED TRIAL	24.41
Lamp - LED1x100	32.46
Lamp - LED1x17	24.45
Lamp - LED1x18	0.00
Lamp - LED1x20	0.00
Lamp - LED1x200	32.47
Lamp - LED1x22	24.41
Lamp - LED1x25 GE	24.41
Lamp - LED1x28	24.46
Lamp - LED1x29	24.41
Lamp - LED1x298	32.48
Lamp - LED1x33	24.49
Lamp - LED1x42	24.54
Lamp - MBF1x1000	80.94
Lamp - MBF1x125	42.76
Lamp - MBF1x250	57.90
Lamp - MBF1x400	57.90
Lamp - MBF1x42	38.13

Item	Price (excl. GST)
Lamp - MBF1x50	42.87
Lamp - MBF1x80	40.61
Lamp - MBF2x80	51.72
Lamp - MBI1x100	57.82
Lamp - MBI1x1000	72.00
Lamp - MBI1x150	57.73
Lamp - MBI1x250	55.32
Lamp - MBI1x400	55.24
Lamp - MBI1x70	44.24
Lamp - MBI1x70 II	62.71
Lamp - SON1x100	68.04
Lamp - SON1x1000	74.67
Lamp - SON1x150	64.74
Lamp - SON1x150 AR	64.74
Lamp - SON1x250	66.31
Lamp - SON1x250 AR	66.31
Lamp - SON1x400	67.00
Lamp - SON1x400 AR	89.99
Lamp - SON1x50	49.44
Lamp - SON1x600	74.80
Lamp - SON1x70	47.71
Lamp - SON2x250	94.97
Lamp - SON2x400	96.35
Lamp - SON4x250	147.46
Lamp - SON4x600	180.77
Lamp - TF1x20	44.01
Lamp - TF1x40	69.71
Lamp - TF1x80	43.71

Item	Price (excl. GST)
Lamp - TF2x14 T5	44.62
Lamp - TF2x20	55.46
Lamp - TF2x26	44.26
Lamp - TF2x40	44.26
Lamp - TF4x20	44.09
Lamp - TF4x40	45.75
Lamp - TH1x1500	0.00
Lamp - TH1x500	0.00
Lamp - TH1x750	0.00

### 3.3 Pre 2009 asset capital charges (real \$FY22)

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

## 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.<sup>1</sup> 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

$\Delta CPI_t$  is the annual percentage change in the ABS consumer price index (CPI) All Groups, Weighted Average of Eight Capital Cities<sup>2</sup> 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**

*Price = Labour + Contractor Services + Materials*

Where:

<sup>1</sup> 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.

<sup>2</sup> 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  $(1 + \Delta CPI_t)(1 - X_i^t)$  where:

$\Delta CPI_t$  is the annual percentage change in the ABS consumer price index (CPI) All Groups, Weighted Average of Eight Capital Cities<sup>3</sup> 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.

$X_i^t$  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.

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<sup>3</sup> 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	FY22	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	FY22	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