

# Undertaking to the Australian Energy Regulator

---

Given for the purposes of section 59A of the  
National Electricity (NSW) Law by Ausgrid (ABN 67  
505 337 385), a New South Wales State Owned  
Corporation incorporated under the *Energy Services  
Corporations Act 1995* (NSW)

## 1 Person giving this Undertaking

---

The Undertaking is given to the Australian Energy Regulator (**AER**) by Ausgrid (ABN 67 505 337 385), a New South Wales State Owned Corporation incorporated under the *Energy Services Corporations Act 1995 (NSW)*, of 570 George Street, Sydney NSW 2000 (**Ausgrid**) for the purposes of section 59A of the NEL.

## 2 Background

---

- 2.1 Ausgrid is:
  - (a) a 'Registered Participant' within the National Electricity Market; and
  - (b) a 'Distribution Network Service Provider' that engages in the activity of operating a distribution system in New South Wales.
- 2.2 As a Distribution Network Service Provider, the revenue and pricing of Ausgrid is regulated by Chapters 6 and 6B of the NER.
- 2.3 The AER is responsible for the economic regulation of Ausgrid under section 15(1)(f) of the NEL and is given obligations in relation to the making of distribution determinations and the approval of pricing proposals under Chapter 6 of NER. Ausgrid must comply with the distribution determination that applies to the electricity network services it supplies under section 14B of the NEL.
- 2.4 The AER made a distribution determination in April 2015 that applies to Ausgrid until 30 June 2019 (**2015 Determination**). The 2015 Determination is a 'reviewable regulatory decision' under section 71A of the NEL. Ausgrid and other third parties applied to the Tribunal for a review of the 2015 Determination under section 71B of the NEL. On 26 February 2016, the Tribunal delivered a judgment in this application (**Decision**). The Decision set aside the 2015 Determination and remitted it to the AER under section 71P of the NEL.
- 2.5 The effect of setting aside the 2015 Determination on pricing by Ausgrid is uncertain. Ausgrid is required by clause 6.18.2 of the NER to submit a pricing proposal to the AER for approval each year. The pricing proposal must demonstrate compliance with any applicable distribution determination under clause 6.18.2(b)(7) of the NER. Ausgrid is required to provide direct control services in accordance with the price of those services under the approved pricing proposal under clause 6.1.3 of the NER and to provide a statement of network charges calculated in accordance with the NER and Ausgrid's distribution determination to each retailer under clauses 6B.A2.3 and 6B.A2.4.
- 2.6 The setting aside of the 2015 Determination also creates uncertainty as to whether the 2015 Determination applies to other non-price matters.
- 2.7 Rule 6.11.3(b) provides for the previous distribution determination and pricing to continue where there is an 'intervening period' between the end of one regulatory control period and the commencement of a new distribution determination providing for the next regulatory control period. However, it is unclear whether this provision properly applies in circumstances where the 2015 Determination has been set aside.
- 2.8 This uncertainty may result in Ausgrid breaching its obligations under the NEL and NER to comply with its distribution determination and to set prices in accordance with the NER and its distribution determination. The AER may commence proceedings for this potential breach under section 61 of the NEL.

2.9 Accordingly, Ausgrid gives this Undertaking to set prices for Direct Control Services and provide services in accordance with its terms. The AER acknowledges that this Undertaking is given in response to concerns about the uncertainty associated with, and the risk of breach of, Ausgrid's obligations in relation to pricing and compliance under the NEL and NER and that its acceptance by the AER will facilitate transparency and stability in network charges in the regulatory year ending 30 June 2017.

The AER is satisfied that this undertaking, and Ausgrid's compliance with it, discharges Ausgrid's obligations in relation to:

- (a) pricing and network charges; and
- (b) compliance with the matters set out in Schedule 2, under the NEL and NER for the Term of the Undertaking.

## 3 Commencement

---

3.1 This Undertaking comes into effect when:

- (a) this Undertaking is executed by Ausgrid; and
- (b) the AER accepts the Undertaking so executed,  
**(Commencement Date).**

3.2 On and from the Commencement Date, Ausgrid undertakes to assume the obligations in clause 5.

## 4 Expiry

---

4.1 Subject to clauses 4.2 and 4.3, this Undertaking expires on 30 June 2017 (**Expiry Date**).

4.2 Ausgrid may withdraw or vary this Undertaking at any time, but this Undertaking will be taken to be withdrawn or varied on the date on which the AER consents to such withdrawal or variation in accordance with section 59A of the NEL.

4.3 The AER may revoke its acceptance of this Undertaking if the AER becomes aware that any information provided to it was incorrect, inaccurate or misleading.

4.4 The AER may, at any time, expressly waive in writing any of the obligations contained in this Undertaking or amend the date by which any such obligation is to be satisfied.

## 5 Undertaking

---

Ausgrid undertakes for the purposes of section 59A of the NEL that for the regulatory year ending 30 June 2017:

- (a) Ausgrid's tariffs for each tariff class for Direct Control Services will be as set out in Schedule 1 (**Network Charges**);
- (b) Ausgrid will charge the Network Charges for Direct Control Services to retailers and customers (where direct billing has been agreed under clause 6B.A2.2 of the NER) in accordance with the NER;
- (c) Ausgrid will comply with the 2015 Determination in relation to the matters specified in Schedule 2;
- (d) Ausgrid will publish this Undertaking on its website within five business days of the Commencement Date; and

- (e) Ausgrid will notify the AER in writing within seven days of any failure to charge the Network Charges in accordance with this Undertaking.

## 6 Acknowledgement

---

Ausgrid and the AER acknowledge and agree that:

- (a) the Network Charges replace any charges payable to Ausgrid under any previously approved pricing proposal; and
- (b) the process for approving a pricing proposal for the regulatory year ending on 30 June 2017 as set out in rule 6.18 of the NER does not apply to Ausgrid.

## 7 No derogation

---

This Undertaking does not prevent the AER from taking enforcement action at any time whether during or after the Term in respect of any breach by Ausgrid of any term of this Undertaking.

## 8 Costs

---

Ausgrid must pay all of its own costs in relation to this Undertaking.

## 9 Notices

---

- 9.1 Any notice or communication to the AER pursuant to this Undertaking must be sent to:
- Name: CEO  
Address: GPO Box 520  
Melbourne VIC 3001
- 9.2 Any notice or communication to Ausgrid pursuant to this Undertaking must be sent to:
- Name: Company Secretary  
Address: GPO Box 4009  
Sydney NSW 2001
- 9.3 Notices are taken to be received three Business Days after posting (or seven Business Days after posting if sent to or from a place outside Australia).
- 9.4 Ausgrid must notify the AER of a change to its contact details within three Business Days.
- 9.5 The AER must notify Ausgrid of a change to its contact details within three Business Days.
- 9.6 Any notice or communication will be sent to the most recently advised contact details and subject to clause 9.3, will be taken to be received.

## 10 Definitions and interpretation

---

- 10.1 Definitions

The meanings of the terms used in this Undertaking are set out below.

Term	Meaning
<b>2015 Determination</b>	has the meaning given to that term in clause 2.4.
<b>AER</b>	has the meaning given to that term in clause 1.
<b>Ausgrid</b>	has the meaning given to that term in clause 1.
<b>Business Day</b>	has the meaning given to that term in the NER.
<b>Commencement Date</b>	has the meaning given to that term in clause 3.1.
<b>Decision</b>	has the meaning given to that term in clause 2.4.
<b>Direct Control Services</b>	has the meaning given to that term in the NER.
<b>Expiry Date</b>	has the meaning given to that term in clause 4.1.
<b>NEL</b>	means the National Electricity Law set out in the Schedule to the <i>National Electricity (South Australia) Act 1996</i> of South Australia, as in force for the time being which, pursuant to section 6 of the <i>National Electricity Act (New South Wales) 1997</i> :  (a) applies as a law of New South Wales, and (b) as so applying, may be referred to as the National Electricity (NSW) Law .
<b>NER</b>	means the National Electricity Rules.
<b>Network Charges</b>	has the meaning given to that term in clause 5(a).
<b>Term</b>	means the period commencing on the Commencement Date and ending on the Expiry Date.
<b>Tribunal</b>	means the Australian Competition Tribunal.
<b>Undertaking</b>	this document (including any schedules or annexures to this document) as varied from time to time under section 59A of the NEL.
10.2	Interpretation

In the interpretation of this Undertaking, the following provisions apply unless the context otherwise requires:

- (a) a reference to this Undertaking includes all of the provisions of this document including its schedules;
- (b) headings are inserted for convenience only and do not affect the interpretation of this Undertaking;
- (c) if the day on which any act, matter or thing is to be done under this Undertaking is not a Business Day, the act, matter or thing must be done on the next Business Day;
- (d) a reference in this Undertaking to any law, legislation or legislative provision includes any statutory modification, amendment or re-enactment, and any subordinate legislation or regulations issued under that legislation or legislative provision;
- (e) a reference in this Undertaking to any company includes a company over which that company is in a position to exercise control within the meaning of section 50AA of the Corporations Act;
- (f) a reference in this Undertaking to any agreement or document is to that agreement or document as amended, novated, supplemented or replaced;
- (g) a reference to a clause, part, schedule or attachment is a reference to a clause, part, schedule or attachment of or to this Undertaking;
- (h) an expression importing a natural person includes any company, trust, partnership, joint venture, association, body corporate or governmental agency;
- (i) where a word or phrase is given a defined meaning, another part of speech or other grammatical form in respect of that word or phrase has a corresponding meaning;
- (j) a word which denotes the singular also denotes the plural, a word which denotes the plural also denotes the singular, and a reference to any gender also denotes the other genders;
- (k) a reference to the words 'such as', 'including', 'particularly' and similar expressions is to be construed without limitation;
- (l) a construction that would promote the purpose or object underlying this Undertaking (whether expressly stated or not) will be preferred to a construction that would not promote that purpose or object;
- (m) a reference to:
  - (1) a thing (including, but not limited to, a chose in action or other right) includes a part of that thing;
  - (2) a party includes its successors and permitted assigns; and
  - (3) a monetary amount is in Australian dollars.

# Schedule 1

Network charges for the regulatory year ending 30 June 2017

---

## **Part A – Standard Control Services**

The Network Use of System (NUOS) Tariffs to be applied in the regulatory year ending 30 June 2017 are set out in the NUOS pricing schedules below, being the tariffs set out in the approved Ausgrid Distribution 2015-16 Network Pricing Proposal, adjusted to include an amount for changes in the consumer price index in the 2015-16 financial year (calculated consistent with the formula set out in Attachment 14 of the 2015 Determination - Figure 14.1) being 1.51%.

Part A – standard control services pricing schedules (Confidential & Non Confidential) - Attached

## **Part B – Alternative Control Services**

The prices for alternative control services to be applied in the regulatory year ending 30 June 2017 are set out in the ACS Pricing Schedule below, being prices which have been calculated in accordance with Attachment 16 of the 2015 Determination.

Part B – alternative control services pricing schedules (Confidential & non confidential) - Attached

## Schedule 2

### Matters in the 2015 Determination that Ausgrid will comply with

---

Ausgrid will comply with the 2015 Determination in relation to the following constituent decisions:

1. The Capital Expenditure Sharing Scheme as set out in Attachment 10;
2. The Service Target Performance Incentive Scheme as set out in Attachment 11;
3. The Demand Management Incentive Scheme as set out in Attachment 12;
4. Classification of services as set out in Attachments 13;
5. Ausgrid's procedure for Assigning Retail Customers to Tariff Classes as set out in Attachment 14;
6. Additional Pass Through Events as set out in Attachment 15;
7. Form of Control for Alternative Control Services as set out in Attachment 16;
8. Ausgrid's Negotiating Framework and Negotiated Distribution Services Criteria as set out in Attachment 17; and
9. Ausgrid's Connection Policy as set out in Attachment 18.

# Signing page

## Executed as an undertaking

---

### Ausgrid

Executed by  
Ausgrid (ABN 67 505 337 385), a New South Wales State Owned Corporation incorporated under the *Energy Services Corporations Act 1995* (NSW), by its authorised officer

sign here ▶

Authorised officer

Witness

print name Trevor Mark Armstrong

JANE SMITH

print title Acting Chief Executive Officer

Ag General Counsel

date

13.5.16

13.5.16

### Australian Energy Regulator

Executed by  
the Australian Energy Regulator  
pursuant to section 59A of the  
*National Electricity Law*  
by

sign here ▶

on behalf of the Australian Energy Regulator

print name Paula Conboy

date

16 May 16

Part A – standard control services pricing schedules (Confidential & Non Confidential)

# Network Price List 2016-2017



Effective from 1 July 2016 to 30 June 2017 (Prices exclude GST)

Tariff Class	Tariff Code	Tariff Name	DLF	Non Capital ¢/day	Capital ¢/day	Metering Service Charge ¢/kWh	Network Access Charge ¢/kWh	Network Energy Prices				Network Capacity Prices				
								Flat	Block 1	Block 2	Block 3	Peak	Shoulder	Off-peak	Peak	Peak
<b>Low Voltage</b>	EA010*	Residential Non ToU	1.0581	2.6602	5.4684	33.2439		10.9682	10.6787	10.4235						
	EA025*	Residential ToU	1.0516	6.8767	6.0876	41.4468					26.4651	5.4762	2.7863			
	EA030	Controlled load 1	1.0581	0.2246	3.0356	0.1370	1.7667									
	EA040	Controlled load 2	1.0581	0.2246	3.0356	10.0391	4.6912									
	EA050*	Small Business Non ToU	1.0513	2.7452	8.3589	119.7798		10.7949	10.4756							
	EA225*	Small Business ToU	1.0513	6.8136	5.8082	118.2064					21.7781	6.9089	2.1109			
	EA302*	LV 40-160 MWh (System)	1.0513	12.1260	7.5643	580.3491					5.4175	2.7453	1.6592	35.1909		
	EA305	LV 160-750 MWh (System)	1.0513			1748.4816					4.9379	2.4205	1.6084		35.1909	
	EA310	LV > 750 MWh (System)	1.0513			2184.6630					4.3694	2.1667	1.4562		35.1909	
	EA316*	Transitional 40-160 MWh Closed	1.0513	6.8136	5.8082	118.2064					22.5183	6.9836	2.1861	0.0000		
	EA317*	Transitional 160-750 MWh Closed	1.0513	6.8136	5.8082	118.2064					22.5183	6.9836	2.1861	0.0000		
	EA325	LV Connection (Standby) Closed	1.0513			2185.1749					8.3561	6.2872	2.3603		0.1015	
	EA360	HV Connection (Standby) Closed	1.0154			1967.6413					8.5261	5.0145	2.5391		0.5831	
	EA370	HV Connection (System)	1.0154			4372.5363					3.1873	2.1316	1.4617		18.8805	
	EA380	HV Connection (Substation)	1.0123			4372.5363					2.8016	1.8931	1.3043		16.1956	
<b>Sub-transmission</b>	EA390	ST Connection	1.0064			5465.6703					2.5737	1.8659	1.2568		6.0092	
	EA391	ST Connection (Substation)	1.0064			5465.6703					2.3017	1.6774	1.1165		5.2012	
<b>Unmetered</b>	EA401	Public Lighting	1.0660													
	EA402	Constant Unmetered	1.0556													
	EA403	EnergyLight	1.0660													

\*A metering service charge applies to sites where generation systems (e.g. Solar PV, wind turbines, etc.) are connected to the Ausgrid electricity network. This charge will comprise of two components: Non Capital charge (0.7068 ¢/day) and Capital charge (3.1342 ¢/day).

# Network Price List 2016-2017



Effective from 1 July 2016 to 30 June 2017 (Prices include GST)

Tariff Class	Tariff Code	Tariff Name	DLF	Metering Service Charge	Network Access Charge	Network Energy Prices			Network Capacity Prices			
						Non Capital ¢/day	Capital ¢/day	Flat ¢/kWh	Block 1 ¢/kWh	Block 2 ¢/kWh	Block 3 ¢/kWh	Peak ¢/kWh
<b>Low Voltage</b>	<b>EA010*</b>	Residential Non ToU		1.0581	2.9262	6.0152	36.5683		12.0650	11.7466	11.4659	
	EA025*	Residential ToU		1.0516	7.5644	6.6964	45.5904				29.1116	6.0238
	EA030	Controlled load 1		1.0581	0.2471	3.3392	0.1507	1.9434				3.0649
	EA040	Controlled load 2		1.0581	0.2471	3.3392	11.0430	5.1603				
	EA050*	Small Business Non ToU		1.0513	3.0197	9.1948	131.7578		11.8744	11.5232		
	EA225*	Small Business ToU		1.0513	7.4950	6.3890	130.0270				23.9559	7.5998
	EA302*	LV 40-160 MWh (System)		1.0513	13.3386	8.3207	638.3840				5.9593	3.0198
	EA305	LV 160-750 MWh (System)		1.0513			1923.3298				5.4317	2.6626
	EA310	LV > 750 MWh (System)		1.0513			2403.1293				4.8063	2.3834
	EA316*	Transitional 40-160 MWh Closed		1.0513	7.4950	6.3890	130.0270				24.7701	7.6820
	EA317*	Transitional 160-750 MWh Closed		1.0513	7.4950	6.3890	130.0270				24.7701	7.6820
	EA326	LV Connection (Standby) Closed		1.0513			2403.6924				9.1917	6.9159
	EA360	HV Connection (Standby) Closed		1.0154			2164.4054				9.3787	5.5160
	EA370	HV Connection (System)		1.0154			4809.7899				3.5060	2.3448
	EA380	HV Connection (Substation)		1.0123			4809.7899				3.0818	2.0824
<b>Sub-transmission</b>	EA390	ST Connection		1.0064			6012.2373				2.8311	2.0525
	EA391	ST Connection (Substation)		1.0064			6012.2373				2.5319	1.8451
<b>Unmetered</b>	EA401	Public Lighting		1.0660			9.0666					
	EA402	Constant Unmetered		1.0556			11.1166					
	EA403	EnergyLight		1.0660			8.3549					

\*A metering service charge applies to sites where generation systems (e.g. Solar PV, wind turbines, etc.) are connected to the Ausgrid electricity network. This charge will comprise of two components: Non Capital charge (0.7775 ¢/day) and Capital charge (3.4476 ¢/day)

Network Tariff		Fixed charge (c/day)	2016/17				2016/17				2016/17	
Code	Name		Non-TOU	Peak	Shoulder	Off-peak	Block 1	Block 2	Block 3	Block 4	c/kVA/day	c/kW/day
<b>Low Voltage</b>												
EA010	Residential Non ToU	33.2439	-	-	-	-	10.9682	10.6787	10.4235	-	-	-
EA025	Residential ToU	41.4458	-	26.4651	5.4762	2.7863	-	-	-	-	-	-
EA030	Controlled Load 1	0.1370	1.7667	-	-	-	-	-	-	-	-	-
EA040	Controlled Load 2	10.0391	4.6912	-	-	-	-	-	-	-	-	-
EA050	Small Business Non ToU	119.7798	-	-	-	-	10.7949	10.4756	-	-	-	-
EA225	Small Business ToU	118.2064	-	21.7781	6.9089	2.1109	-	-	-	-	-	-
EA302	LV 40-160 MWh (System)	580.3491	-	5.4175	2.7453	1.6592	-	-	-	-	-	35.1909
EA305	LV 160-750 MWh (System)	1,748.4816	-	4.9379	2.4205	1.6084	-	-	-	-	-	35.1909
EA310	LV >750 MWh (System)	2,184.6630	-	4.3694	2.1667	1.4562	-	-	-	-	-	35.1909
EA325	LV Connection (Standby) Closed	2,185.1749	-	8.3561	6.2872	2.3603	-	-	-	-	0.1015	-
EA316	Transitional 40-160 MWh Closed	118.2064	-	22.5183	6.9836	2.1861	-	-	-	-	0.0000	-
EA317	Transitional 160-750 MWh Closed	118.2064	-	22.5183	6.9836	2.1861	-	-	-	-	0.0000	-
<b>High Voltage</b>												
EA370	HV Connection (System)	4,372.5363	-	3.1873	2.1316	1.4617	-	-	-	-	18.8805	-
EA380	HV Connection (Substation)	4,372.5363	-	2.8016	1.8931	1.3043	-	-	-	-	16.1956	-
EA360	HV Connection (Standby) Closed	1,967.6413	-	8.5261	5.0145	2.5391	-	-	-	-	0.5831	-
<b>Sub-transmission</b>												
EA390	ST Connection	5,465.6703	-	2.5737	1.8659	1.2568	-	-	-	-	6.0092	-
EA391	ST Connection (Substation)	5,465.6703	-	2.3017	1.6774	1.1165	-	-	-	-	5.2012	-
<b>Unmetered</b>												
EA401	Public Lighting	-	8.2424	-	-	-	-	-	-	-	-	-
EA402	Constant Unmetered	-	10.1060	-	-	-	-	-	-	-	-	-
EA403	EnergyLight	-	7.5954	-	-	-	-	-	-	-	-	-
<b>Transmission-connected</b>												

Part B – alternative control services pricing schedules (Confidential & Non Confidential)

**Ausgrid Connection charges for Financial Year 2016-2017**

Fee Category		Driver	Fee Type	Excluding GST	Including GST
	Underground urban residential subdivision (vacant lots)	Up to 5 lots	per service	\$455.39	\$500.93
	Underground urban residential subdivision (vacant lots)	6 to 10 lots	per service	\$607.18	\$667.90
	Underground urban residential subdivision (vacant lots)	11 - 40 lots	per service	\$1,062.57	\$1,168.83
	Underground urban residential subdivision (vacant lots)	Over 40 lots	per service	\$1,366.16	\$1,502.78
Rural overhead subdivisions and rural extensions		per hour	Quoted/ Hourly Rate	\$151.80	\$166.98
Underground commercial and industrial or rural subdivisions (vacant lots - no development)		per hour	Quoted/ Hourly Rate	\$151.80	\$166.98
Commercial and industrial developments		per hour	Quoted/ Hourly Rate	\$151.80	\$166.98
Asset relocation or street lighting	Rate 2	per hour	Quoted/ Hourly Rate	\$151.80	\$166.98
Asset relocation or street lighting	Rate 3	per hour	Quoted/ Hourly Rate	\$151.80	\$166.98
Asset relocation or street lighting	Rate 5 - major	per hour	Quoted/ Hourly Rate	\$224.23	\$246.66
URD including Kiosk/HVC/PT (NEW)		In addition to the charge per lot	Fee-Based	\$569.24	\$626.16
Chambers, Multi Kiosk, CBD Chambers (NEW)		per hour	Quoted/ Hourly Rate	\$151.80	\$166.98
Underground urban residential subdivision (vacant lots)	Up to 5 lots	Fee-Based	per service	\$303.59	\$333.95
Underground urban residential subdivision (vacant lots)	6 to 10 lots	Fee-Based	per service	\$455.39	\$500.93
Underground urban residential subdivision (vacant lots)	11 - 40 lots	Fee-Based	per service	\$758.98	\$834.88
Underground urban residential subdivision (vacant lots)	Over 40 lots	Fee-Based	per service	\$910.77	\$1,001.85
Rural overhead subdivisions and rural extensions	1 - 5 poles	Fee-Based	per service	\$303.59	\$333.95
Rural overhead subdivisions and rural extensions	6 -10 poles	Fee-Based	per service	\$455.39	\$500.93
Rural overhead subdivisions and rural extensions	11 or more poles	Fee-Based	per service	\$758.98	\$834.88
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Up to 10 lots	Fee-Based	per service	\$455.39	\$500.93
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	11- 40 lots	Fee-Based	per service	\$607.18	\$667.90
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Over 40 lots	Fee-Based	per service	\$910.77	\$1,001.85
Commercial and industrial developments		Quoted/ Hourly Rate	per hour	\$176.91	\$194.60
Asset relocation or street lighting	Rate 2	Quoted/ Hourly Rate	per hour	\$151.80	\$166.98
Asset relocation or street lighting	Rate 3	Quoted/ Hourly Rate	in addition to the charge per lot	\$910.77	\$1,001.85
Kiosk/HVC/PT (NEW)		Quoted/ Hourly Rate	per hour	\$151.80	\$166.98
Chambers, Multi Kiosk, CBD Chambers (NEW)		Quoted/ Hourly Rate	per hour	\$151.80	\$166.98
Underground urban residential subdivision (vacant lots)		Quoted/ Hourly Rate	per hour	\$151.80	\$166.98
Rural overhead subdivisions and rural extensions		Quoted/ Hourly Rate	per hour	\$151.80	\$166.98
Underground commercial and industrial or rural subdivisions (vacant lots - no development)		Quoted/ Hourly Rate	per hour	\$151.80	\$166.98
Commercial and industrial developments	normal	Quoted/ Hourly Rate	per hour	\$176.91	\$194.60
Commercial and industrial developments	major connections	Quoted/ Hourly Rate	per hour	\$224.23	\$246.66
Asset relocation or street lighting - normal	normal	Quoted/ Hourly Rate	per hour	\$176.91	\$194.60
Asset relocation or street lighting - normal	major connections	Quoted/ Hourly Rate	per hour	\$224.23	\$246.66
Underground urban residential subdivision (vacant lots)	Grade A; First 10 lots;	Fee-Based	per lot	\$75.90	\$83.49

## Ausgrid Connection charges for Financial Year 2016-2017

Fee Category	Driver	Fee Type	Excluding GST	Including GST
Underground urban residential subdivision (vacant lots)	Grade B: First 10 lots: Grade C: First 10 lots: Grade A: Next 40 lots:	Fee-Based per lot	\$192.15 \$379.49 \$45.54	\$200.37 \$417.44 \$50.09
Underground urban residential subdivision (vacant lots)	Grade B: Next 40 lots: Grade C: Next 40 lots: Grade A: Remainder:	Fee-Based per lot	\$106.26 \$227.70 \$15.18	\$116.89 \$250.47 \$16.70
Underground urban residential subdivision (vacant lots)	Grade B: Remainder:	Fee-Based per lot	\$60.71	\$66.79
Underground urban residential subdivision (vacant lots)	Grade C: Remainder:	Fee-Based per lot	\$106.26	\$116.89
Rural overhead subdivisions and rural extensions	Grade A: 1-5 poles	Fee-Based per pole	\$91.08	\$100.19
Rural overhead subdivisions and rural extensions	Grade B: 1-5 poles	Fee-Based per pole	\$182.15	\$200.37
Rural overhead subdivisions and rural extensions	Grade C: 1-5 poles	Fee-Based per pole	\$333.95	\$367.34
Rural overhead subdivisions and rural extensions	Grade A: 6-10 poles	Fee-Based per pole	\$75.90	\$83.49
Rural overhead subdivisions and rural extensions	Grade B: 6-10 poles	Fee-Based per pole	\$151.80	\$166.98
Rural overhead subdivisions and rural extensions	Grade C: 6-10 poles	Fee-Based per pole	\$303.59	\$333.95
Rural overhead subdivisions and rural extensions	Grade A: 11+ poles	Fee-Based per pole	\$60.71	\$66.79
Rural overhead subdivisions and rural extensions	Grade B: 11+ poles	Fee-Based per pole	\$106.26	\$116.89
Rural overhead subdivisions and rural extensions	Grade C: 11+ poles	Fee-Based per pole	\$227.70	\$250.47
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Grade A: First 10 lots: Grade C: First 10 lots: Grade B: First 10 lots: Grade A: Next 40 lots: Grade B: Next 40 lots: Grade C: First 10 lots: Grade A: Next 40 lots: Grade B: First 10 lots: Grade C: Next 40 lots: Grade A: Remainder:	Fee-Based per lot	\$75.90	\$83.49
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Fee-Based per lot	\$182.15	\$200.37	
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Fee-Based per lot	\$379.49	\$417.44	
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Fee-Based per lot	\$75.90	\$83.49	
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Fee-Based per lot	\$182.15	\$200.37	
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Fee-Based per lot	\$379.49	\$417.44	
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Fee-Based per lot	\$75.90	\$83.49	
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Fee-Based per lot	\$182.15	\$200.37	
Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Fee-Based per lot	\$379.49	\$417.44	
Plus flat fee travel time	Fee-Based per service	\$75.90	\$83.49	
HV/LV UG joint, ABS/Enclosed Switch, UGOH (NEW)			\$500.93	
Decommission substation (NEW)				
Substations (Kiosk/PT) or HV 5w cubicle (NEW)	Fee-Based Rate	in addition to the charge per lot	\$455.39 \$1,214.36	\$1,335.80 \$1,168.83
Commercial and industrial developments	Quoted/ Hourly Rate	in addition to the charge per lot	\$151.80	\$166.98
Commercial and industrial developments	Rate 3	Quoted/ Hourly Rate	\$176.91	\$194.60
Commercial and industrial developments	Rate 5 - major	Quoted/ Hourly Rate	\$224.23	\$246.66
Asset relocation or street lighting	Rate 2	Quoted/ Hourly Rate	\$151.80	\$166.98
Asset relocation or street lighting	Rate 3	Quoted/ Hourly Rate	\$176.91	\$194.60
Asset relocation or street lighting	Rate 5 - major	Quoted/ Hourly Rate	\$224.23	\$246.66
All Service connections Per Notification of Service Work (NOSW)	A Grade Fee-Based per service		\$31.26	\$34.39

Ausgrid Connection charges for Financial Year 2016-2017

	Fee Category	Driver	Fee Type	Excluding GST	Including GST
	<b>Inspection of service work (by Level 2 ASPs)</b>	All Service connections Per Notification of Service Work (NOSW) All Service connections Per Notification of Service Work (NOSW)	B Grade C Grade	Fee-Based Fee-Based	\$54.03 \$193.01
	L1 Network Connection		Quoted/ Hourly Rate	per hour	\$175.47 \$151.80
<b>Re-inspection of L1 &amp; L2</b>	L2 (NOSW)		Quoted/ Hourly Rate	per hour	\$166.98 \$176.91
	L1 or L2 major connections		Quoted/ Hourly Rate	per hour	\$194.60 \$224.23
			Quoted/ Hourly Rate	per hour	\$246.66 \$151.80
	<b>Reinspection of installation work in relation to customer assets</b>	Installation (CoCEW)			\$166.98
	Underground urban residential subdivision (vacant lots)		Fee-Based	per service	\$2,103.70
	Rural overhead subdivisions and rural extensions		Fee-Based	per service	\$1,912.46
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)		Fee-Based	per service	\$1,240.14
	Commercial and industrial developments		Fee-Based	per service	\$2,543.27
	Asset relocation or street lighting		Quoted/ Hourly Rate	per hour	\$166.98 \$151.80
	Complex & Chamber substations (NEW)		Quoted/ Hourly Rate	per hour	\$166.98 \$151.80
	Underground urban residential subdivision (vacant lots)		Fee-Based	per service	\$2,797.60
	Rural overhead subdivisions and rural extensions		Fee-Based	per service	\$166.98 \$151.80
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)		Fee-Based	per service	\$2,128.52
	Commercial and industrial developments		Fee-Based	per service	\$2,128.52
	Asset relocation or street lighting		Fee-Based	per service	\$1,935.01
	Complex & Chamber substations (NEW)		Quoted/ Hourly Rate	per hour	\$166.98 \$151.80
	Clearance to work		Fee-Based	per service	\$986.68
	Access (standby person)		Quoted/ Hourly Rate	per hour	\$140.73
	Notices of arrangement		Fee-Based	per notice	\$543.01
	Level 1 ASP		Fee-Based	per service	\$632.67
	Level 2 ASP	Up to 5 lots	Fee-Based	per service	\$438.08
	Underground urban residential subdivision (vacant lots)		Fee-Based	per service	\$378.65
	Underground urban residential 6 - 10 lots		Fee-Based	per service	\$473.32
	Underground urban residential 11 - 40 lots		Fee-Based	per service	\$520.65
					\$728.91

Ausgrid Connection charges for Financial Year 2016-2017

	Fee Category	Driver	Fee Type	Excluding GST	Including GST
<b>Underground urban residential subdivision (vacant lots)</b>	Over 40 lots	Fee-Based	per service	\$757.31	\$833.04
Rural overhead subdivisions and rural extensions	Up to 5 poles:	Fee-Based	per service	\$378.65	\$416.52
Rural overhead subdivisions and rural extensions	6-10 poles:	Fee-Based	per service	\$473.32	\$520.65
Rural overhead subdivisions and rural extensions	11 or more poles	Fee-Based	per service	\$851.97	\$937.17
<b>Underground commercial and industrial or rural subdivisions (vacant lots - no development)</b>		Quoted/ Hourly Rate	per hour	\$94.66	\$104.13
Commercial and industrial developments		Quoted/ Hourly Rate	per hour	\$94.66	\$104.13
Asset relocation or street lighting		Quoted/ Hourly Rate	per hour	\$94.66	\$104.13
<b>Subdivision involving substation/s (NEW)</b>		Fee-Based	per service	\$113.59	\$124.95
<b>Additional services required by ASP/ Applicant e.g Guarantee of revenue, clarification meetings, variations to contract, re-inspections etc. (NEW)</b>		Quoted/ Hourly Rate	per hour	\$94.66	\$104.13
<b>Supply of conveyancing information</b>	<b>Desk enquiry</b>	Fee-Based	per service	\$31.50	\$34.66
Customer interface coordination for contestable works	<b>Field Visit</b>	Fee-Based	per service	\$244.82	\$269.30
Preliminary enquiry service		Quoted/ Hourly Rate	per hour	\$212.40	\$233.64
		Quoted/ Hourly Rate	per hour	\$214.77	\$236.25
<b>Basic 100A Connections NOT requiring a load slip</b>		Fee-Based	per service	\$7.89	\$8.68
<b>Basic 100A Connections requiring a load slip or Basic Micro EG Connections &gt;5kW or Over 100A Connection Offer (new or existing site)</b>		Fee-Based	per service	\$200.57	\$220.63
<b>Connection offer service (basic or standard)</b>		Fee-Based	per service	\$200.57	\$220.63
<b>Augmentation Work Standard Offer ASP1 Connections</b>		Fee-Based	per service	\$256.51	\$282.17

Ausgrid Connection charges for Financial Year 2016-2017

		Fee Category	Driver	Fee Type	Excluding GST	Including GST
	Standard Embedded Generation >5MVA capacity		Quoted/ Hourly Rate	per hour	\$224.23	\$246.66
	a. Rectification of illegal Connections		Fee-Based	per service	\$796.96	\$876.65
Rectification works	b. Provision of service crew/additional crew		Quoted/ Hourly Rate	per hour	\$281.45	\$309.60
	c. Fitting of Tiger tails		Quoted/ Hourly Rate	per hour plus rental of tiger tails	\$140.73	\$154.80
	d. High load escorts		Quoted/ Hourly Rate	per hour	\$143.49	\$157.84
Connection / relocation process facilitation			Fee-Based	per service	\$214.77	\$236.25
	Install & remove HV LL Links		Fee-Based	per service incl. materials costs	\$5,484.63	\$6,033.10
	Break & remake HV bonds		Fee-Based	per service incl. materials costs	\$2,740.06	\$3,014.06
Services to supply and connect temporary supply to one or more customers	Break & remake LV bonds		Fee-Based	per service incl. materials costs	\$1,978.03	\$2,175.84
	Connect & disconnect MG to OH mains		Fee-Based	per service incl. materials costs	\$2,745.21	\$3,019.73
	Connect & disconnect MG to LV board in Kiosk		Fee-Based	per service incl. materials costs	\$2,147.82	\$2,362.60
Carrying out planning studies and analysis relation to distribution (including sub-transmission and dual-function assets) connection applications			Quoted/ Hourly Rate	per hour	\$224.23	\$246.66
Services involved in obtaining deeds of agreement in relation to property rights associated with contestable connection works			Quoted/ Hourly Rate	per hour plus legal costs	\$224.23	\$246.66
Investigate, review & implementation of remedial actions associated with AsP's connection works			Quoted/ Hourly Rate	per hour	\$224.23	\$246.66
Metering Site Establishment			Fee-Based	per service	\$55.70	\$61.27
Special Meter Reading			Fee-Based	per service	\$10.30	\$11.33
Type 5-6 Meter Test			Fee-Based	per service	\$582.81	\$641.09

Ausgrid Connection charges for Financial Year 2016-2017

	Fee Category	Driver	Fee Type	Excluding GST	Including GST
	Franchise current transformer (CT) meter install		Quoted / Hourly Rate	\$0.00	\$0.00
	Types 5-7 non-standard Meter Data Services	Fee-Based	per service	\$14.70	\$16.17
	Emergency maintenance of failed metering equipment not owned by the network	Fee-Based	per service	\$166.64	\$183.31
	Off peak conversion	Fee-Based	per service	\$210.87	\$231.96
	Disconnect Visit (Site Visit Only)	Fee-Based	per service	\$44.53	\$48.98
	Disconnect Completed	Fee-Based	per service	\$147.40	\$162.13
	Disconnect Visit (Disconnect Completed- Technical Advanced)	Fee-Based	per service	\$247.87	\$272.66
Metering Services	Pillar/ Pole Top Disconnection Completed	Fee-Based	per service	\$393.75	\$433.12
	Pillar/Pole Top Site Visit	Fee-Based	per service	\$328.79	\$361.67
	Reconnection / Disconnection Outside Normal Business Hours	Fee-Based	per service	\$101.54	\$111.69
	Network Tariff Change Request	Fee-Based	per service	\$0.00	\$0.00
	Recovery of Debt Collection Costs- Dishonoured Transactions	Fee-Based	per service	\$25.94	\$28.53
	Attendance at customers' premises to perform a statutory right where access is prevented	Fee-Based	per service	\$80.06	\$88.07
	Vacant Property Disconnection	Fee-Based	per service	\$144.62	\$159.08
	Vacant Property Site Visit	Fee-Based	per service	\$36.92	\$40.61
Fee Type	Fee Category	Driver	Fee Type	Excluding GST	Including GST
R1	Admin	Hourly Rate	per hour	\$94.66	\$104.13
R2	Technical	Hourly Rate	per hour	\$151.80	\$166.98
R3	Engineer	Hourly Rate	per hour	\$176.91	\$194.60
R4	Field Worker	Hourly Rate	per hour	\$140.73	\$154.80
R5	Senior Engineer	Hourly Rate	per hour	\$224.23	\$246.66
Fee Type	Fee Category	Driver	Fee Type	Excluding GST	Including GST
	Single phase single element two wire direct connected accumulation watt-hour meter	B1	Fee-Based	\$49.09	\$54.00
	Three phase single element four wire direct connected accumulation watt-hour meter	B3	Fee-Based	\$127.58	\$140.34
	Single phase single element two wire direct connected interval watt-hour meter	E1	Fee-Based	\$119.60	\$131.56
	Single phase dual element two wire direct connected interval watt-hour meter	E2	Fee-Based	\$182.58	\$200.84
Metering Connection Charges	Three phase single element four wire direct connected interval watt-hour meter	E3	Fee-Based	\$246.85	\$271.53
	Three phase single element CT connected interval watt-hour meter	E4	Fee-Based	\$596.09	\$655.70

# Ausgrid Public Lighting

## Price List 2016/17

### Tariff Classes and Charging Parameters

Ausgrid's Rate Categories are consistent with the Tariff Classes identified by the Australian Energy Regulator (AER) in its Final Determination. Table 2 summarises these tariff classes: All public lighting customers are subject to the tariffs in the AER April 2010 Determination and therefore are defined to be a single tariff class<sup>1</sup>. The tariffs that apply to these customers are:

- A fixed capital charge for installed public lighting assets. The fixed capital charges will be provided in confidence to the individual customers to which they apply. This tariff only relates to the capital charges for public lighting assets constructed before 1 July 2009.
- An annuity price per asset type for all new assets. These tariffs and charging parameters are contained in Schedule A. This price relates to the capital charge for new public lighting assets constructed after 30 June 2009, but does not apply to assets where the customer has funded the original construction cost.
- A maintenance price per asset. This tariff relates to the maintenance of each of Ausgrid's public lights. These tariffs and charging parameters are contained in Schedule B.

### Pricing Principles (clause 6.18.9 of transitional chapter the National Electricity Rules)

The Tariff Classes (and the services within them) and component prices in Schedule A and B are identical to those set out in Attachment C of Ausgrid's 2014-15 Pricing Proposal April 2014 and they do not include GST. There has been no separate application of the pricing principles in clause 6.18.5 to the prices contained in Attachment C.

### Statement on Expected Price Trends

Ausgrid expects the prices contained in Schedule A and Schedule B of this document to change with CPI over the remaining years of the regulatory control period.

<sup>[1]</sup> A class of customers for one or more *direct control services* who are subject to a particular tariff or particular tariffs.

# Ausgrid Public Lighting

Price List 2016/17

Table 1

Rate Definitions for Assets installed/constructed before 1st July 2009			
AER Tariff Class	Basis of tariff determination	Ausgrid's Equivalent Rate Categories	Applicable Public Lighting Customers
AER Tariff Class 1 applies for assets where capital is funded by the Distribution Network Service Provider (DNSP) before the 1st July 2009 and maintained by the DNSP.	Annual efficient maintenance charge. Capital charge based on approved RAB.	Ausgrid's Existing Rate 1 will continue for assets constructed and installed before 1st July 2009. This applies for assets funded and maintained by Ausgrid. This includes both the capital and maintenance charges.	Public Lighting Customers with components installed before 1st July 2009 which are owned, funded and maintained by the DNSP.
AER Tariff Class 2 applies for assets where capital is not funded by the DNSP instead by the public lighting customer before 1st July 2009 and maintained by the DNSP.	Annual efficient maintenance charge. DNSP not entitled to a return on or of capital.	Ausgrid's Existing Rate 2 will continue for assets constructed and installed before 1st July 2009. This applies for assets funded by the public lighting customer but maintained by Ausgrid. This includes maintenance charges only.	Public Lighting Customers with components installed before 1st July 2009 which are maintained but not funded by the DNSP.
Rate Definitions for Assets installed/constructed after 30th June 2009			
AER Tariff Class 3 applies for assets where capital is funded by the Distribution Network Service Provider (DNSP) after 30th June 2009 and maintained by the DNSP. The DNSP will be entitled to charge an annual capital and maintenance charge.	Annual efficient maintenance charge (same as for AER Tariff Class 2). Annual capital charge (return on and of) based on efficient material and installation costs.	Ausgrid's Existing Rate 1 will continue for assets constructed and installed after 30th June 2009. These are identified as P09 against Ausgrid Rate 1 tariff category in the information provided along with the bills to public lighting customers. This applies for assets funded and maintained by Ausgrid. This includes both the capital and maintenance charges.	Public Lighting Customers with components installed after 30th June 2009 which are owned, funded and maintained by the DNSP.
AER Tariff Class 4 applies for assets where capital is not funded by the DNSP instead by the public lighting customer after 30th June 2009 and maintained by the DNSP.	Annual efficient maintenance charge (same as those for AER Tariff Class 2). DNSP not entitled to a return on or of capital.	Ausgrid's Existing Rate 2 will continue for assets constructed and installed after 30th June 2009. These are identified as P09 against Ausgrid Rate 2 tariff category in the information provided along with the bills to public lighting customers. This applies for assets funded by the public lighting customer but maintained by Ausgrid. This includes maintenance charges only.	Public Lighting Customers with components installed after 30th June 2009 which are maintained but not funded by the DNSP.
Rate Definitions for Assets installed/constructed before 1st July 2009 or after 30th June 2009			
AER Tariff Class 5 applies for assets where capital is funded by the DNSP but replaced at the request of the customer before the end of its economic life.	Tariff calculated by the DNSP at the time of agreement to replace the asset early using an agreed method for determining the residual capital value of the asset. The charge is to be paid up front. Residual asset charge calculated for replaced asset based on remaining life determined through an assessment of the assets condition and/or type or the AER default value.	Ausgrid does not have a separate Rate category, existing Rate 1 and Rate 2 will continue to apply for new assets as appropriate.	Public Lighting Customers with components either installed before 1st July 2009 or after 30th June 2009 which are owned and maintained by the DNSP, and are replacing components that have not reached the end of their economic life.

# Ausgrid Public Lighting

Price List 2016/17

## SCHEDULE A – Price List for Assets Constructed/Installed after 30<sup>th</sup> June 2009

Effective 1 July 2016 (excluding GST)

Assets in shaded cells are under review for future installations.

BRACKETS	RATE 1
Bracket - 0.5 m	\$8.29
Bracket - 1.2 m	\$8.29
Bracket - 2.0 m	\$11.71
Bracket - 3.5 m	\$18.20
Bracket - 4.0 m	\$22.38
Bracket - SUSPENDED	\$12.13
Bracket - T1	\$16.30
Bracket - T2A	\$21.90
Bracket - T3	\$21.90
Bracket - T4	\$22.10
Bracket - T5	\$22.10
Bracket - T6	\$25.73
Bracket - T7	\$25.73

SUPPORTS	RATE 1
Support - COLUMN 10.5M-13.5M	\$561.11
Support - COLUMN 4M-6.5M	\$533.84
Support - COLUMN 7M-10M	\$524.93
Support - DECORATIVE COLUMN	\$545.21
Support - DEDICATED SUPPORT & COND	\$513.01
Support - ORION DOUBLE ARM	\$24.10
Support - POLO 10.5M DECORATIVE 2M	\$47.96
Support - ROCKS STANDARD	\$522.34
Support - SUSPENDED	\$8.22
Support - WALL	\$0.00
Support - WOOD POLE - NON-TRL	\$0.00
Support - WOOD POLE - TRL	\$0.00

# Ausgrid Public Lighting

Price List 2016/17

## SCHEDULE A – Price List for Assets Constructed/Installed after 30<sup>th</sup> June 2009

Effective 1 July 2016 (excluding GST)

Assets in shaded cells are under review for future installations.

LUMINAIRES	RATE 1
Luminaire - 1000W SON	\$102.82
Luminaire - 100W SON	\$41.72
Luminaire - 100W SON - PARKVILLE	\$111.91
Luminaire - 100W SON FLOODLIGHT	\$60.85
Luminaire - 100W SON -PLAIN	\$41.72
Luminaire - 125W MBF	\$30.88
Luminaire - 125W MBF - BOURKE HILL	\$82.57
Luminaire - 125W MBF - HYDE PARK	\$63.84
Luminaire - 125W MBF - NOSTALGIA	\$84.15
Luminaire - 125W MBF - PARKVILLE	\$102.36
Luminaire - 125W MBF -PLAIN	\$30.88
Luminaire - 150W SON	\$42.08
Luminaire - 150W SON Active Reactor	\$61.38
Luminaire - 150W SON - HYDE PARK	\$63.84
Luminaire - 150W SON - PARKVILLE	\$111.91
Luminaire - 150W SON - PARKWAY 1	\$50.00
Luminaire - 150W SON FLOODLIGHT	\$49.09
Luminaire - 150W SON GEC 'BOSTON 3'	\$102.36
Luminaire - 250W SON	\$42.08
Luminaire - 250W SON Active Reactor	\$61.38
Luminaire - 250W SON - PARKVILLE	\$120.79
Luminaire - 250W SON - PARKWAY 1	\$50.00
Luminaire - 250W SON FLOODLIGHT	\$49.09
Luminaire - 250W SON GEC 'BOSTON 3'	\$104.28

LUMINAIRES	RATE 1
Luminaire - 22W LED	\$38.65
Luminaire - 29W LED	\$38.65
Luminaire - 2x14W TF - T5 PIERLITE Mk3	\$31.68
Luminaire - 400W SON	\$45.63
Luminaire - 400W SON Active Reactor	\$68.67
Luminaire - 400W SON - PARKWAY 1	\$50.00
Luminaire - 400W SON FLOODLIGHT	\$49.09
Luminaire - 42W MBF (CFL) SYLVANIA SUB ECO	\$29.06
Luminaire - 70W MBI Internal Ignitor	\$24.05
Luminaire - 70W MBI Internal Ignitor - Aeroscreen	\$24.97
Luminaire - 70W SON	\$23.96
Luminaire - 70W SON - BOURKE HILL	\$73.81
Luminaire - 70W SON - GEC BOSTON 2	\$86.43
Luminaire - 70W SON - NOSTALGIA	\$68.79
Luminaire - 70W SON - PARKVILLE	\$86.43
Luminaire - 70W SON - REGAL/FLINDERS	\$122.17
Luminaire - 70W SON FLOODLIGHT	\$29.01
Luminaire - 70W SON -PLAIN	\$23.96
Luminaire - 80W MBF - BEGA+CURVE BRA	\$108.08
Luminaire - 80W MBF - BOURKE HILL	\$50.36
Luminaire - 80W MBF - GEC BOSTON 2	\$86.43
Luminaire - 80W MBF - NOSTALGIA	\$64.84
Luminaire - 80W MBF - PLAIN	\$20.74
Luminaire - 80W MBF - REGAL/FLINDERS	\$117.82
Luminaire - 80W MBF TOORAK	\$59.11

# Ausgrid Public Lighting

Price List 2016/17

## SCHEDULE B – Price List for Assets Constructed/Installed before 1st July 2009 and after 30th June 2009

Effective 1 July 2016 (excluding GST)

Lamps marked in *italics* and shaded cells are offered until the associated luminaires reach their useful life and will be discontinued for future installations.

LAMPS	RATE 1	RATE 2
Lamp - MBI1x100	\$61.29	\$61.29
Lamp - MBI1x1000	\$112.03	\$112.03
Lamp - MBI1x150	\$93.87	\$93.87
Lamp - MBI1x1500	\$90.60	\$90.60
Lamp - MBI1x250	\$60.63	\$60.63
Lamp - MBI1x3745	\$46.25	\$46.25
Lamp - MBI1x400	\$61.61	\$61.61
Lamp - MBI1x500	\$78.51	\$78.51
Lamp - MBI1x70	\$56.77	\$56.77
Lamp - MBI1x70 Internal Ignitor	\$68.29	\$68.29
Lamp - MBI2x400	\$75.32	\$75.32
Lamp - MBI4x150	\$221.42	\$221.42
Lamp - SON1x100	\$84.65	\$84.65
Lamp - SON1x1000	\$87.75	\$87.75
Lamp - SON1x120	\$55.76	\$55.76
Lamp - SON1x150	\$72.77	\$72.77
Lamp - SON1x150 AR	\$65.34	\$65.34
Lamp - SON1x220	\$67.61	\$67.61
Lamp - SON1x250	\$76.20	\$76.20
Lamp - SON1x250 AR	\$66.39	\$66.39
Lamp - SON1x310	\$66.57	\$66.57
Lamp - SON1x360	\$66.57	\$66.57
Lamp - SON1x400	\$74.16	\$74.16
Lamp - SON1x400 AR	\$92.79	\$92.79
Lamp - SON1x50	\$48.62	\$48.62
Lamp - SON1x70	\$65.00	\$65.00
Lamp - SON2x250	\$122.77	\$122.77
Lamp - SON2x400	\$115.03	\$115.03
Lamp - SON2x70	\$94.61	\$94.61
Lamp - SON3x70	\$179.75	\$179.75
Lamp - SON4x250	\$219.09	\$219.09
Lamp - SON4x600	\$232.85	\$232.85
Lamp - SON4x70	\$146.22	\$146.22
Lamp - SON8x70	\$226.20	\$226.20
Lamp - SOX1x135	\$62.01	\$62.01
Lamp - SOX1x150	\$62.01	\$62.01

LAMPS	RATE 1	RATE 2
Lamp - SOX1x180	\$131.46	\$131.46
Lamp - SOX1x90	\$55.61	\$55.61
Lamp - TF1x16	\$46.04	\$46.04
Lamp - TF1x176	\$53.39	\$53.39
Lamp - TF1x20	\$46.04	\$46.04
Lamp - TF1x236	\$53.39	\$53.39
Lamp - TF1x26	\$46.04	\$46.04
Lamp - TF1x40	\$67.39	\$67.39
Lamp - TF1x60	\$46.04	\$46.04
Lamp - TF1x80	\$46.40	\$46.40
Lamp - TF2x14 T5	\$53.53	\$53.53
Lamp - TF2x20	\$55.95	\$55.95
Lamp - TF2x26	\$46.60	\$46.60
Lamp - TF2x40	\$46.60	\$46.60
Lamp - TF2x58	\$46.60	\$46.60
Lamp - TF2x80	\$46.60	\$46.60
Lamp - TF3x20	\$47.16	\$47.16
Lamp - TF3x40	\$47.16	\$47.16
Lamp - TF3x80	\$48.13	\$48.13
Lamp - TF4x20	\$47.73	\$47.73
Lamp - TF4x40	\$47.73	\$47.73
Lamp - TF4x80	\$48.99	\$48.99
Lamp - TF5x58	\$48.29	\$48.29
Lamp - TF5x65	\$48.29	\$48.29
Lamp - TF5x80	\$49.86	\$49.86
Lamp - TF6x20	\$48.85	\$48.85
Lamp - TF6x36	\$48.85	\$48.85
Lamp - TF6x80	\$50.72	\$50.72
Lamp - TH1x1000	\$62.95	\$62.95
Lamp - TH1x1500	\$60.88	\$60.88
Lamp - TH1x400	\$68.50	\$68.50
Lamp - TH1x500	\$57.11	\$57.11
Lamp - TH1x750	\$63.68	\$63.68

# Ausgrid Public Lighting

Price List 2016/17

## SCHEDULE B – Price List for Assets Constructed/Installed before 1st July 2009 and after 30th June 2009

Effective 1 July 2016 (excluding GST)

Lamps marked in *italics* and shaded cells are offered until the associated luminaires reach their useful life and will be discontinued for future installations.

LAMPS	RATE 1	RATE 2
Lamp - INC1x100	\$46.38	\$46.38
Lamp - INC1x1000	\$81.94	\$81.94
Lamp - INC1x1440	\$46.25	\$46.25
Lamp - INC1x150	\$47.88	\$47.88
Lamp - INC1x200	\$48.41	\$48.41
Lamp - INC1x300	\$54.42	\$54.42
Lamp - INC1x40	\$46.40	\$46.40
Lamp - INC1x500	\$63.77	\$63.77
Lamp - INC1x60	\$46.38	\$46.38
Lamp - INC1x75	\$46.38	\$46.38
Lamp - INC3x100	\$53.41	\$53.41
Lamp - LED1x22	\$29.71	\$29.71
Lamp - LED1x29	\$29.71	\$29.71
Lamp - MBF1x1000	\$88.75	\$88.75
Lamp - MBF1x125	\$45.98	\$45.98
Lamp - MBF1x160	\$44.80	\$44.80
Lamp - MBF1x250	\$52.48	\$52.48
Lamp - MBF1x400	\$52.48	\$52.48
Lamp - MBF1x42 (CFL)	\$42.89	\$42.89
Lamp - MBF1x50	\$46.17	\$46.17
Lamp - MBF1x500	\$82.34	\$82.34
Lamp - MBF1x700	\$72.54	\$72.54
Lamp - MBF1x80	\$44.91	\$44.91
Lamp - MBF1x800	\$82.34	\$82.34
Lamp - MBF2x125	\$64.55	\$64.55
Lamp - MBF2x160	\$51.30	\$51.30
Lamp - MBF2x175	\$51.30	\$51.30
Lamp - MBF2x400	\$64.97	\$64.97
Lamp - MBF2x80	\$55.30	\$55.30
Lamp - MBF3x160	\$80.81	\$80.81
Lamp - MBF3x250	\$80.81	\$80.81
Lamp - MBF3x400	\$80.81	\$80.81
Lamp - MBF3x80	\$66.74	\$66.74
Lamp - MBF4x1000	\$191.84	\$191.84
Lamp - MBF4x80	\$78.19	\$78.19
Lamp - MBF6x125	\$127.09	\$127.09
Lamp - MBF6x160	\$127.09	\$127.09
Lamp - MBF9x160	\$173.99	\$173.99

CONNECTIONS	RATE 1	RATE 2
Connection - O/U	\$94.15	\$94.15
Connection - OH	\$0.00	\$0.00
Connection - UGR1	\$86.30	NA
Connection - UGR2	NA	\$31.38

Pre 2009 Asset Capital Charges

Customer Capital Charges (\$'000 nominal)	FY15	FY16	FY17	FY18	FY19	X-Factor
		CONFIDENTIAL				

Customer Capital Charges (\$'000 nominal)	FY15	FY16	FY17	FY18	FY19	X-Factor
[REDACTED]						