

APPENDIX 55

Alternative Control Services provided on a quoted basis

Alternative Control Services provided on a quoted basis – Illustrative examples

1.1 Overview

This appendix provides illustrative examples of quoted services for the following alternative control services:

- Connection Services
- Metering Services
- Public Lighting Services
- Ancillary Network Services

The applied classifications and the prices below have been determined using the cost build up approach set out in the AER's Framework and Approach paper. The prices are for illustrative purposes only and do not represent a binding capped price for an individual quoted service.

1.2 Connection Services

Table 1 Connection Services – Illustrative Examples

Category	2015/16	2016/17	2017/18	2018/19	2019/20
Pre - connection services (connection application services)					
Application services to assess connection application and making of compliant connection offer.	\$5,198	\$5,374	\$5,699	\$5,953	\$6,117
Undertaking design for small customer or real estate development (sub-division) connection offer (excludes detailed design undertaken after a connection offer has been accepted)	\$7,147	\$7,389	\$7,836	\$8,185	\$8,410
Carrying out planning studies and analysis relating to distribution connection applications (including sub-transmission and dual function asset)	\$9,479	\$9,799	\$10,392	\$10,855	\$11,154
Feasibility and concept scoping, including planning and design, for large customer connections.	\$3,574	\$3,695	\$3,919	\$4,093	\$4,206
Negotiation services involved in negotiating a connection agreement - complex	\$1,517	\$1,568	\$1,663	\$1,737	\$1,785

Category	2015/16	2016/17	2017/18	2018/19	2019/20
Protection and power quality assessment prior to connection - complex	\$3,792	\$3,920	\$4,157	\$4,342	\$4,461
Application assessment, design review and audit real estate development (sub-division) connection services.	\$1,056	\$1,092	\$1,158	\$1,209	\$1,242
Pre - connection services (pre connection consultation services)					
Preparation of preliminary designs and planning reports for small or large customer connection, including project scope and estimates	\$9,479	\$9,799	\$10,392	\$10,855	\$11,154
Connection services					
Design & construct of connection assets for large customers.	\$273,064	\$275,705	\$287,430	\$300,342	\$306,005
Commissioning and energisation of large customer connection assets to allow conveyance of electricity.	\$8,390	\$8,674	\$9,198	\$9,608	\$9,873
Design, construction, commissioning and energisation of connection assets for real estate development (sub-division)	\$1,357	\$1,403	\$1,488	\$1,555	\$1,597
Augmenting the network to remove a constraint faced by an embedded generator	\$147,681	\$148,519	\$154,391	\$161,387	\$164,216
Review, inspection and auditing of design and works carried out by an alternative service provider prior to energisation.	\$3,899	\$4,030	\$4,274	\$4,465	\$4,587
Customer requests a temporary connection for short term supply (includes metered and unmetered) - complex	\$105,105	\$106,800	\$111,876	\$116,944	\$119,458
Post - connection services					
Supply abolishment - complex	\$3,608	\$3,704	\$3,908	\$4,084	\$4,186
Rearrange connection assets at customers request - complex	\$8,722	\$8,984	\$9,503	\$9,928	\$10,189
Auditing services – auditing/re-inspection of connection assets after energisation to network – complex	\$1,357	\$1,403	\$1,488	\$1,555	\$1,597
Protection and power quality assessment	\$5,145	\$5,318	\$5,640	\$5,892	\$6,054
Temporary disconnections and reconnections (which may involve a line drop) - high voltage	\$1,176	\$1,216	\$1,289	\$1,347	\$1,384
Provision of connection services above minimum requirements	\$1,300,924	\$1,305,419	\$1,354,013	\$1,411,723	\$1,433,201
Accreditation / certification					
Close out re-evaluation	\$6,787	\$7,016	\$7,441	\$7,773	\$7,986
Certification of non-approved materials to be used on the network - simple	\$2,924	\$3,023	\$3,206	\$3,348	\$3,441
Notes:					
1. Prices are GST Exclusive					
2. Prices are inclusive of overheads and oncosts					

1.3 Metering Services

Table 2 Metering Services – Illustrative Examples

Service Description	2015/16	2016/17	2017/18	2018/19	2019/20
Meter data services					
Type 5-7 non-standard metering services					
Provision of load profile data where available – Retailer requested	\$147	\$152	\$161	\$168	\$173
Notes:					
1. Prices are GST Exclusive					
2. Prices are inclusive of overheads and oncosts					

1.4 Public Lighting

Table 3 Public Lighting – Illustrative Examples

Service Description	2015/16	2016/17	2017/18	2018/19	2019/20
Provision, construction & maintenance of public lighting services					
Provision of glare shields, vandal guards, luminaire replacement with aero screens					
Provision of unique luminaires					
Supply and installation of custom external glare screening	\$2,169	\$2,209	\$2,317	\$2,416	\$2,467
Application assessment, design review and audit					
Rate 2 public lighting services.					
Design assessment and preparation of offer. Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits) 7-30 Sites	\$1,056	\$1,092	\$1,158	\$1,209	\$1,242
Emerging public lighting technology					
Trial of new public lighting technologies for consideration of standard product - fixed costs associated with trial establishment and administration (Note: costs per luminaire selected for trial are detailed separately below)	\$341,419	\$346,649	\$362,495	\$376,929	\$383,809
Trial of new public lighting technologies for consideration of standard product - costs per luminaire selected for trial (Note: typically at least 100 luminaires are minimum number for a trial).	\$19,767	\$20,092	\$21,031	\$21,891	\$22,312
Replace 1 x 50w Mercury Vapour luminaire with energy efficiency retrofit 32CFL	\$349	\$350	\$363	\$379	\$385
Notes:					
1. Prices are GST Exclusive					
2. Prices are inclusive of overheads and oncosts					

1.5 Ancillary Network Services

Table 4 Ancillary Network Services – Illustrative Examples

Category/ Service Description		2015/16	2016/17	2017/18	2018/19	2019/20
Services provided in relation to a retailer of last resort (ROLR) event						
<p>Preparing lists of affected sites, and reconciling data with Australian Energy Market Operator listings; handling in-flight transfers; identifying open service orders raised by the failed retailer and determining actions to be taken in relation to those service orders; arranging estimate reads for the date of the ROLR event and providing data for final NUOS bills in relation to affected customers; preparing final invoices for NUOS and miscellaneous charges for affected customers; preparing final debt statements; extracting customer data, providing it to the ROLR and handling subsequent enquiries; handling adjustments that arise from the use of estimate reads; assisting the retailer with the provision of network tariffs to be applied and the customer move in process; administration of any 'ROLR cost recovery scheme distributor payment determination'.</p> <p>This is an example cost of the insolvency of a retailer that of a size smaller than the big 3 (AGL)</p>		\$15,166	\$15,678	\$16,627	\$17,368	\$17,846
Other recoverable works						
	Provision of accumulation data where available on request from retailer	\$135	\$140	\$148	\$155	\$159
Customer requested provision of electricity network data requiring customised investigation, analysis or technical input	Specific request for the provision of zone substation data (F&A P78 V13) The following are the basic requirements for delivery for the half hour data requests. Task frequency days staff initial extraction via script once, 5 para professional, annual update via script once per year 2 para professional Burn to discs as required 2 para professional	\$162	\$168	\$178	\$186	\$191
Bundling of cables	1x40m span of open wire LV only replaced with LV bundled conductor. No pole replacement required.	\$8,392	\$8,553	\$8,977	\$9,371	\$9,576
Provision of services to extend / augment the network	Installation of a x street pole to supply connection for R3 public lighting to railway crossing	\$5,109	\$5,221	\$5,489	\$5,722	\$5,849
Customer requested appointments	Customer requested appointments.	\$220	\$228	\$242	\$252	\$259
Rearrangement of assets (other than connection assets)	Relocate LV inline pole with pin construction & concrete collar foundation	\$11,485	\$11,713	\$12,296	\$12,822	\$13,098

Customer requested disconnection and reconnection of supply, coverage of LV mains and/or switching to allow customer/contractor to work close. (other than in relation to connection assets)	Aerial markers - install & recover marker flags - 70 marker flags for 1 month	\$2,058	\$2,118	\$2,240	\$2,340	\$2,401
Witness testing	Witness testing	\$3,033	\$3,136	\$3,325	\$3,474	\$3,569
Overhead service connection - non standard installation						
Flying fox (catenary) overhead connection difference between the cost of a standard OH service and the cost of a flying fox service.		\$2,938	\$3,029	\$3,207	\$3,350	\$3,439
Flying fox (catenary) overhead connection existing connection		\$3,825	\$3,943	\$4,173	\$4,359	\$4,475
Notes:						
1. Prices are GST Exclusive						
2. Prices are inclusive of overheads and oncosts						