

Attachment 8.22

Ancillary Network Services proposal

May 2014



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1 Background

Ancillary Network Services is a new term developed by the Australian Energy Regulator (AER) to group classes of services provided by NSW distribution businesses. The AER defines *Ancillary Network Services* as non-routine services provided to individual customers on an 'as needs' basis. Examples of these services include providing design related information for connections to be made to our network, special meter reads and site establishment fees.

These services are currently called 'miscellaneous and monopoly' (M&M) services. Prices for most of the existing miscellaneous and monopoly fees were first set by the NSW economic regulator, the Independent Pricing and Regulatory Tribunal (IPART) of New South Wales in the late 1990s. IPART considered M&M services performed by NSW distribution businesses formed part of the standard services provided by NSW distribution businesses (called "prescribed distribution services" at that time). In establishing the charges for the services, IPART stated that the charges were "calculated on an incremental basis"¹, which in effect resulted in some costs being allocated to the provision of the broader category of network services.

Since that time, costs have only been indexed with inflation every 5 years. As such, many of these services have been historically under-costed and subsidised by our standard control services.

From 1 July 2014, the AER is proposing to reclassify these services to alternative control services. This change in classification seeks to ensure that standard control customers do not continue to subsidise these activities specific to a small group of customers.

Whilst many fees associated with ancillary network services will increase to more accurately reflect costs, the increases in prices are generally a result of removing costs that historically have been allocated to the provision of other services by Ausgrid. In other words, consistent with the AER's intentions, we have sought to remove cross subsidies and achieve prices that reflect actual costs. A corresponding decrease in costs from Ausgrid's standard control services has occurred.

Note that some fees have instead reduced, primarily due to efficiencies in the manner in which we provide those services. Currently there are 22 service groups. From 1 July 2014, there will be 30 service groups, however within some groups there are multiple services and prices.

2 Drivers for the provision of Ancillary Network Services

The common characteristic of Ancillary Network Services is that they are activities performed by Ausgrid for a small sub-set of customers, at the customer's (or their agent's) request. In this way, they are different from other services, such as network services, that are provided to our broad customer base.

The largest numbers of Ancillary Network Services that we provide are related to facilitating new connections to the network, and specific requests from retailers (on behalf of their customers) such as disconnections and reconnections to the network. Both of these services are provided to less than 3% of our 1,650,000 customers or connections, per year.

Ausgrid levies fees for providing these services to the party requesting the service; typically the customer's retailer or the Accredited Service Provider (who is most often requesting the service on behalf of the customer).

A worksheet for each service or service group is provided as an Attachment to this proposal. The worksheet outlines the AER's current service description, any additional service related information, an outline of what is involved in providing the service and the current and proposed fee.

¹ IPART Determination made under the National Electricity Code, December 1999, pg 86

3 Costs to deliver Ancillary Network Services

Historically many of the prices for Ancillary Network Services have been set below the cost to provide the service. In reclassifying and separating out this group of services and establishing a price that reflects actual costs, the AER

- intends to set service specific prices to enable the distributor to “recover the full cost of each service from customers using that service”², and
- is seeking to ensure customer’s who do not utilise these services do not pay the costs of them.

We have therefore sought to develop our rates based on our historic data for providing these services. However, in some cases, this historic data is not available or is not at a sufficient level of detail to determine the historic costs of providing the particular service. As a result we have needed to use one of the three methods to determine the costs;

- Historical cost data - For a number of existing services that have an associated fee, we are able to identify incurred costs for providing the service and the numbers of services that historically have been provided. For some services we can also identify the hours associated with providing the service (e.g. meter test fee and off peak conversion). Due to the historical data being clearly identifiable for those services, we have utilised data from FY10, FY11, FY12 and FY13 to determine the cost of the service and establish the price, unless there is a compelling reason to use a data subset of that period, or to use the most recent (FY13) figures. This approach can be considered a ‘top-down approach’.
- Operating costs - This method uses available data to establish an average cost to provide the service. In these instances, we are able to determine incurred costs associated with the provision of the services and usually also the number of services that have historically been provided. For some services, the historic costs may not have been recorded at a service-by-service level and we may need to apportion historic costs between more than one service. As way of example, the back-office costs associated with meter tests and meter investigations are not separately recorded and we have allocated these costs based on an average handling time (AHT), resulting in 60% of back office costs being allocated to meter tests and 40% to meter investigations. This approach has some approximations, assumptions or calculations and is therefore not considered as ‘pure’ an approach as the top-down approach, described above.
- Bottom up approach - For those services where we were unable to reliably extract the data, a bottom up approach was used. In these circumstances, we may have data available on the total costs for a service group, but the data is not distinguishable between the 50 service (and chargeable) components. This method was also used for new ancillary network services. The method relies on identifying the type of employee who carried out the service, with an average hourly rate and estimating the time it took to carry out that service. We sought to utilise a limited number of labour classes, consistent with IPART’s previous approach. More detail on the method used to establish labour rates is provided in Section 3.1 of this Attachment.

In the worksheets for the ancillary network services, provided as Attachments to this proposal, we identify one of these three methods used to establish costs. We also provide some additional detail of the process used for the relevant service.

We are proposing charges that will recover the costs only and there is no additional margin added to the proposed charges.

3.1. Establishing labour rates for Connection-related services

There are a number of Ancillary Network services that NSW distribution businesses provide to support the contestability regime for Connection Services³. These Ancillary Network Services (previously referred to as Monopoly Services) are unique to NSW, and examples include design certification and rechecking services. These services were established in 1999 and have been based on a labour rate and the number of hours to perform different levels of the service.

² AER – Stage 1 Framework & approach – NSW distributors – March 2013, P8

³ Customers engage an Accredited Service Provider(s) to undertake the design and construction of Connection Works that are funded by the customer.

The labour rates were first established by IPART, the previous NSW regulator of distribution businesses, in 1999 using an 'incremental' approach⁴. Table 1 shows the labour rates set by regulators for the last 15 years. The rates have increased by approximately 3% per annum over this 15 year period.

Table 1: Hourly incremental labour rate set by regulator for previous three regulatory periods

Labour class	Hourly Rate set by Regulator		
	Period: 1 Jan, 2000 to 30/06/04	Period: 2004/09	Period: 2009/14
Admin R1	\$44	\$51	\$64
Design R2a	\$54	\$63	\$80
Inspection R2b	\$54	\$63	\$80
Engineer R3	\$65	\$76	\$96

As a consequence of the initial pricing approach adopted in 1999, the labour rates are not reflective of actual labour costs incurred by NSW distribution businesses in providing the services. Consequently, NSW distribution businesses have been under-recovering costs associated with the provision of these services from those requesting the service.

We understand that these IPART rates have also been used by the AER in setting similar rates in Victoria, resulting in an artificially low benchmark.

In preparing this proposal, we have reviewed the labour rates previously set by IPART. For each Ancillary Network Service that is linked to the existing R1, R2 and R3 rates, we have considered the labour category/categories that Ausgrid utilises to provide the service and determined an appropriate midpoint of skill level that provides the service.

For example, for administration functions Ausgrid performs in relation to design services, the average paypoint of staff providing these ANS is paypoint 28, and this has become the basis of the Admin (R1) rate that we are proposing.

With the technical bands, the final pay point is based on the median point with some weighting given to numbers of technical staff involved in providing the services. For example, the median for Field Workers was pay point 23 however the majority of Line workers are graded Line Worker 8 or above so the corresponding pay point of 24 was utilised. This is shown in more detail in Table 2 below.

Using this method has resulted in rates for each labour rate that are an average of the cost centres involved in providing the related ancillary network services rather than an average across the whole Ausgrid's business.

⁴ IPART Determination made under the National Electricity Code, December 1999, pg 86

Table 2: Method for establishing labour rates R1 – R5

Ausgrid Classifications	Applicable Paypoints	Proposed Category	Paypoint	AER Rate
Admin & Clerical Officer - Grade 7 L2	28	Admin Support	PP28	R1
Electricity Supply Operative Level 13	19			R4
Technician Level 4	19			
Substation Technician - L5	22			
Cable Joiner - L7	23	Field Worker	PP24	
Lineworker - L7	23	(New)	(Jtr/LW 8)	
Metering Technician - L4	24	Average of PPs	23	
Senior Substation Technician - L1	25	Median	23	
Senior Substation Technician - L3	29			
Lineworker Glove & Barrier	31			R2
Protection Technician - L6	32			
Emergency Services Officer - L6	32Y			
Installation Inspector - L4	35	(Old Inspector)		
Engineering Officer - L3	37	(Old Design)		
Admin & Clerical Officer - Grade 9 L2	38	Technical Specialist	PP40	
Admin & Clerical Officer - Grade 10 L2	43	(New)		
Protection Field Coordinator	38	Average of PPs	37	
Compliance Officer - L3	40	Median	38	
Senior Installation Inspector	40			
District Operator - L2	41	Average of PPs	48	R3
Engineering Officer - L6	46	Median	49	
Engineering Officer - L7	49	Engineer	B2 L2	
Engineer - B2-L2	49	(Old Engineer)		
Engineer - B2-L4	55			
Enterprise Agreement - L1	N/A			R5
Enterprise Agreement - L2	N/A	Senior Engineer	EA L2	
Senior Legal Counsel	N/A	(New)		

We consider this approach is appropriate as the rates we are proposing are more reflective of actual costs of the individual service than a global average approach. In some cases, this results in a lower labour rate than if the global average rate was adopted.

In addition to the three existing labour categories established by IPART, we are also proposing two new labour rates associated with new fees;

- Field Worker (R4): this rate is associated with new Ancillary Network Services (that previously were “excluded services”) and is proposed as a lower rate than the engineering and technical specialist rates (R2 and R3); and
- Senior Engineer (R5): this rate is associated with senior engineering

expertise required for Major Customer connections.

After establishing the labour rates associated with each labour category (R1 to R5); we have determined the labour on costs and overheads associated with the relevant functional groups providing the services. We have done this based on FY13 costs.

Labour on-costs relate to leave, superannuation, and Defined Benefits entitlements as well as workers compensation provision and payroll tax. The percentage on-costs applied to each labour category (R1 to R5) is also a reflection of the costs incurred by the functional groups that provide Ancillary Network Services (and not a global Ausgrid average).

Overheads relate to the divisional and branch management costs and include costs such as vehicles, computers, phones etc. We have followed the same process for determining overhead percentages as the process used to determine the labour rates and on-costs; that is the overheads reflection the costs incurred by the functional groups that provide Ancillary Network Services.

The percentages of labour on-costs and overheads that we have applied to the base labour rate are shown in the worksheets provided as Attachments to this proposal.

3.2. Allocation of shared operating and capital costs to Ancillary Network Services

The Cost Allocation Methodology (CAM), approved by the AER, requires us to allocate shared operating costs and shared non-system capital costs to all services, including Ancillary Network Services.

These costs can be referred to as indirect overhead costs and include some IT costs, costs associated with Corporate functions such as HR, insurance, Property etc.

Some of our expenditure to provide Ancillary Network Services will be expensed (i.e operating expenditure) and others will be capitalised, in accordance with our capitalisation policy. As a result, the overhead costs allocated to each Ancillary Network Service varies due to the correct application of the CAM. We provide relevant details regarding CAM allocation to each service, in the relevant worksheet (provided as Attachments to this proposal).

For the avoidance of doubt, the capitalised expenditures will not be included in our standard control services RAB forward model as these costs are to be fully recovered by Ancillary Network Service charges.

3.3. Ancillary Network Services provided outside normal working hours

In previous years, the regulator has provided the following in relation to work provided outside the hours of 7.30am and 4.00pm on a Working Day; if the service is required by an ASP (other than where the DNSP required that the work be performed outside these hours) the charge that the DNSP may impose for the provision of that service will be an amount up to 175% of the charge for that service.

NSW distribution businesses are proposing to continue this existing arrangement.

3.4. Ancillary Network Services requiring travel by Ausgrid

Consistent with previous decisions by the regulator, for services charged on a per hour basis where travel is required, a charge based on 30 minutes travel time in urban areas and 60 minutes in rural areas will be included at the hourly labour rate specified for that service.

4 Proposed prices

As required by Clause 6.8.2(c)(4) of the NER, we provide the indicative provides for the five year period 2014/15 – 2018/19.

In table 3, 4 and 5 we provide a price list for the ancillary network services for the 4 years period 2015/16 - 2018/19. These prices are cost reflective, with no margin added. In these tables we also identify any new services.

Due to the approach adopted by the AER for 2014/15, we also provide the prices approved by the AER for the transitional year, as well as the cost reflective prices in Table 6, 7 and 8.

For notes and conditions associated with the application of all fees, refer to Ausgrid's approved Connection Policy (provided as an Attachment to this proposal).

5 Stakeholder Engagement

Ausgrid, Endeavour Energy and Essential Energy have written to the Accredited Service Providers outlining the review process that has been undertaken by the businesses and AER's intent to establish prices that remove any cross-subsidy with standard control services and "recover the full cost of each service from customers using that service"⁵. We also intend to hold workshops with Accredited Service Providers at the end of June 2014.

6 Comparison to others DNSPs

In the spreadsheet for each ancillary network service, we have provided a comparison of Ausgrid's price (and time, if available) to perform the service with other distribution businesses. Due

⁵ AER – Stage 1 Framework & approach – NSW distributors – March 2013, P8

to the unique arrangements in NSW for the contestability of connections services, we have been limited to a comparison to other NSW distribution businesses (Endeavour Energy and Essential Energy).

A list of each worksheet is provided in the Appendix.

Table 3: Indicative Ancillary Network Services Price List for Metering or Retailer related services (2015/16 – 2018/19) (exclusive GST)

For notes associated with the application of all fees, refer to Ausgrid’s approved Connection Policy (provided as an Attachment to this proposal).

AER Service Group	Services	Pricing Mechanism	Proposed fee			
			15/16	16/17	17/18	18/19
Site establishing fee services	Site establishment	Fee-based	54.74	57.27	59.91	62.66
Ancillary Metering Services	a - Special Meter Reading	Fee-based	10.12	10.57	11.04	11.53
	b - Meter Test	Fee-based	576.17	606.12	637.46	670.18
	c - Franchise (CT) Meter Install (NEW)	Quoted	Quoted	Quoted	Quoted	Quoted
	d - Replace/Remove T5/6 Meter (NEW)	n/a	No price proposed for the regulatory period.			
	e - Type 5-7 non-standard Meter Data Services (NEW)	Fee-based	14.39	15.06	15.75	16.47
	f - Emergency Maintenance of Failed Metering Equipment not owned by DNSP (NEW)	Fee-based	163.21	170.75	178.61	186.81
Off Peak conversion	Off Peak conversion	Fee-based	207.50	217.18	227.19	237.62
Reconnections/ Disconnections	a - Disconnection - Site Visit	Fee-based	43.27	44.54	45.85	47.22
	b - Disconnection/Reconnection - Disconnection Completed	Fee-based	144.73	151.36	158.29	165.52
	c - Disconnection/Reconnection - Technical Disconnect	Fee-based	243.63	254.88	266.62	278.86
	d - Disconnection/Reconnection - Pillar/Pole - Disconnection Complete	Fee-based	775.25	811.06	848.42	887.36
	e - Disconnection/Reconnection - Pillar/Pole - Site Visit	Fee-based	323.16	338.09	353.66	369.89
	f - Reconnection outside of business hours	Fee-based	99.21	101.69	104.23	106.84
Network Tariff change request	Network tariff change request (NEW)	Fee-based	48.99	51.25	53.61	56.07
Move in move out meter reads	Move in, Move out meter reads (NEW)	Fee-based	10.12	10.57	11.04	11.53
Recovery of debt collection costs – dishonoured transactions	Recovery of debt collection costs - dishonoured transactions (NEW)	Fee-based	25.13	25.90	26.70	27.52
Services provided in relation to a Retailer of Last Resort (ROLR) event	Services provided in relation to a Retailer of Last Resort (RoLR) event (NEW)	Quoted	Quoted	Quoted	Quoted	Quoted
Attendance at customers’ premises to perform a statutory right where access is prevented.	Attendance to perform a statutory right where access is prevented (NEW)	Fee-based	77.72	81.31	85.05	88.96
Vacant Property reconnect/disconnect	a - Vacant property reconnect/disconnect (NEW)	Fee-based	141.99	148.49	155.28	162.37
	b - Vacant property reconnect/disconnect. (site visit only) (NEW)	Fee-based	36.13	37.74	39.43	41.20

Table 4: Indicative 2015/16 – 2018/19 Ancillary Network Services Labour rates for connection-related Ancillary Network Services (\$ nominal, excluding GST)
For notes associated with the application of all fees, refer to Ausgrid’s approved Connection Policy (provided as an Attachment to this proposal).

Ausgrid proposed labour rates (\$ per hour)				
Labour Group	15/16	16/17	17/18	18/19
Admin R1	\$138.01	\$144.46	\$151.06	\$158.09
Technical Specialist R2	\$182.63	\$191.17	\$199.91	\$209.20
Engineer/Senior Engineering Officer R3	\$175.79	\$184.01	\$192.42	\$201.37
Field Worker (R4) (NEW)	\$139.84	\$146.38	\$153.07	\$160.18
Senior Engineer R5 (NEW)	\$244.25	\$255.67	\$267.35	\$279.78

Table 5: Indicative 2015/16 – 2018/19 Ancillary Network Services Prices for Connection related services (\$ nominal, excluding GST)

For notes associated with the application of all fees, refer to Ausgrid’s approved Connection Policy (provided as an Attachment to this proposal).

AER Service Group		Service	Proposed rates and hours	15/16	16/17	17/18	18/19	
Design related services	Design information	Underground urban residential subdivision (vacant lots)	Up to 5 lots	3 hrs @ R2	\$ 547.90	\$ 573.53	\$ 599.73	\$ 627.61
			6 to 10 lots	4 hrs @ R2	\$ 730.53	\$ 764.70	\$ 799.65	\$ 836.81
			11 - 40 lots	7 hrs @ R2	\$ 1,278.42	\$ 1,338.21	\$ 1,399.37	\$ 1,464.41
			Over 40 lots	9 hrs @ R2	\$ 1,643.68	\$ 1,720.56	\$ 1,799.19	\$ 1,882.81
		Rural overhead subdivisions and rural extensions		R2 p.h.	See Table 4.			
		Underground commercial and industrial or rural subdivisions (vacant lots - no development)		R2 p.h.	See Table 4.			
		Commercial and industrial developments		R2 p.h.	See Table 4.			
		Asset relocation or street lighting		R2, R3 (or R5 p.h for Major Connections)	See Table 4.			
	URD including Kiosk/HVC/PT (NEW)		3.75 hr @ R2 in addition to charge per lot	\$ 684.86	\$ 716.90	\$ 749.66	\$ 784.50	
	Chambers, Multi Kiosk, CBD Chambers (NEW)		R2 p.h.	See Table 4.				
	Design certification	Underground urban residential subdivision (vacant lots)	Up to 5 lots	2 hrs @ R2	\$ 365.26	\$ 382.35	\$ 399.82	\$ 418.41
			6 to 10 lots	3 hrs @ R2	\$ 547.90	\$ 573.53	\$ 599.73	\$ 627.61
			11 - 40 lots	5 hrs @ R2	\$ 913.15	\$ 955.86	\$ 999.55	\$ 1,046.00
			Over 40 lots	6 hrs @ R2	\$ 1,095.78	\$ 1,147.04	\$ 1,199.46	\$ 1,255.20
		Rural overhead subdivisions and rural extensions	1 - 5 poles	2 hrs @ R2	\$ 365.26	\$ 382.35	\$ 399.82	\$ 418.41
			6 -10 poles	3 hrs @ R2	\$ 547.90	\$ 573.53	\$ 599.73	\$ 627.61
			11 or more poles	5 hrs @ R2	\$ 913.15	\$ 955.86	\$ 999.55	\$ 1,046.00
		Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Up to 10 lots	3 hrs @ R2	\$ 547.90	\$ 573.53	\$ 599.73	\$ 627.61
			11- 40 lots	4 hrs @ R2	\$ 730.53	\$ 764.70	\$ 799.65	\$ 836.81
			Over 40 lots	6 hrs @ R2	\$ 1,095.78	\$ 1,147.04	\$ 1,199.46	\$ 1,255.20
		Commercial and industrial developments		R3 p.h.	See Table 4			
		Asset relocation or street lighting		R2 p.h. or R3 p.h	See Table 4			
		Kiosk/HVC/PT (NEW)		6 hrs @ R2 in addition to charge per lot	\$ 1,095.78	\$ 1,147.04	\$ 1,199.46	\$ 1,255.20
		Chambers, Multi Kiosk, CBD Chambers (NEW)		R2 p.h.	See Table 4			

AER Service Group		Service	Proposed rates and hours		15/16	16/17	17/18	18/19	
	Design rechecking	Underground urban residential subdivision (vacant lots)	R2 p.h.		See Table 4				
		Rural overhead subdivisions and rural extensions	R2 p.h.		See Table 4				
		Underground commercial and industrial or rural subdivisions (vacant lots - no development)	R2 p.h.		See Table 4				
		Commercial and industrial developments	R3 (or R5 p.h for Major Connection)		See Table 4				
		Asset relocation or street lighting	R3 (or R5 p.h for Major Connection)		See Table 4				
ASP inspection services	Inspection of service work by Level 1 ASPs	Underground urban residential subdivision (vacant lots)	ASP Grade:	hrs/lot					
			First 10 lots:	A	0.5 @R2	\$ 91.32	\$ 95.59	\$ 99.96	\$ 104.60
				B	1.2 @ R2	\$ 219.16	\$ 229.41	\$ 239.89	\$ 251.04
				C	2.5 @ R2	\$ 456.58	\$ 477.94	\$ 499.78	\$ 523.01
			Next 40 lots:	A	0.3 @ R2	\$ 54.79	\$ 57.35	\$ 59.97	\$ 62.76
				B	0.7 @ R2	\$ 127.84	\$ 133.82	\$ 139.94	\$ 146.44
				C	1.5 @ R2	\$ 273.95	\$ 286.76	\$ 299.87	\$ 313.80
			Remainder:	A	0.1 @ R2	\$ 18.26	\$ 19.12	\$ 19.99	\$ 20.92
				B	0.4 @ R2	\$ 73.05	\$ 76.47	\$ 79.96	\$ 83.68
				C	0.7 @ R2	\$ 127.84	\$ 133.82	\$ 139.94	\$ 146.44
		plus 0.5hr @ R2 fee (travel time)				\$ 91.32	\$ 95.59	\$ 99.96	\$ 104.60
		Rural overhead subdivisions and rural extensions	ASP Grade:	hrs/lot					
			1-5 poles	A	0.6 @ R2	\$ 109.58	\$ 114.71	\$ 119.95	\$ 125.52
				B	1.2 @ R2	\$ 219.16	\$ 229.41	\$ 239.89	\$ 251.04
				C	2.2 @ R2	\$ 401.79	\$ 420.59	\$ 439.81	\$ 460.25
			6-10 poles	A	0.5 @ R3	\$ 91.32	\$ 95.59	\$ 99.96	\$ 104.60
				B	1.0 @ R3	\$ 182.63	\$ 191.18	\$ 199.91	\$ 209.20
				C	2.0 @ R3	\$ 365.26	\$ 382.35	\$ 399.82	\$ 418.41
			11+ poles	A	0.4 @ R4	\$ 73.05	\$ 76.47	\$ 79.96	\$ 83.68
				B	0.7 @ R4	\$ 127.84	\$ 133.82	\$ 139.94	\$ 146.44
C	1.5 @ R4			\$ 273.95	\$ 286.76	\$ 299.87	\$ 313.80		
plus 0.5hr @ R2 fee (travel time)				\$ 91.32	\$ 95.59	\$ 99.96	\$ 104.60		

AER Service Group		Service	Proposed rates and hours		15/16	16/17	17/18	18/19		
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	ASP Grade:	First 10 lots:	A	0.5 @R2	\$ 91.32	\$ 95.59	\$ 99.96	\$ 104.60	
				B	1.2 @ R2	\$ 219.16	\$ 229.41	\$ 239.89	\$ 251.04	
				C	2.5 @ R2	\$ 456.58	\$ 477.94	\$ 499.78	\$ 523.01	
			Next 40 lots:	A	0.5 @R2	\$ 91.32	\$ 95.59	\$ 99.96	\$ 104.60	
				B	1.2 @ R2	\$ 219.16	\$ 229.41	\$ 239.89	\$ 251.04	
				C	2.5 @ R2	\$ 456.58	\$ 477.94	\$ 499.78	\$ 523.01	
			Remainder:	A	0.5 @R2	\$ 91.32	\$ 95.59	\$ 99.96	\$ 104.60	
				B	1.2 @ R2	\$ 219.16	\$ 229.41	\$ 239.89	\$ 251.04	
				C	2.5 @ R2	\$ 456.58	\$ 477.94	\$ 499.78	\$ 523.01	
		plus 0.5hr @ R2 fee (travel time)					\$ 91.32	\$ 95.59	\$ 99.96	\$ 104.60
		HV or LV UG Joint, ABS/enclosed switch (NEW)		3hrs @ R2 (in addition to per lot charge)		\$ 547.90	\$ 573.53	\$ 599.73	\$ 627.61	
		Decommission substation (NEW)		8hrs @ R2 (in addition to per lot charge)		\$ 1,461.05	\$ 1,529.39	\$ 1,599.28	\$ 1,673.61	
	Substations (Kiosk/PT) or HV Sw cubicle (NEW)		7hrs @ R2 (in addition to per lot charge)		\$ 1,278.42	\$ 1,338.21	\$ 1,399.37	\$ 1,464.41		
	Commercial and industrial developments		R2 or R3 p.h. (or R5 p.h for Major connections)		See Table 4					
	Asset relocation or street lighting		R2 or R3 p.h. (or R5 p.h for Major connections)		See Table 4					
	Inspection of service work (by Level 2 ASPs)	All Service connections Per Notification of Service Work (NOSW)	A Grade:	1 @ R2/20 + 0.25 R2	\$ 43.63	\$ 45.67	\$ 47.76	\$ 49.98		
			B Grade:	1 @ R2/5 + 0.25 R2	\$ 71.02	\$ 74.35	\$ 77.74	\$ 81.36		
			C Grade:	1 @ R2 + 0.25 R2	\$ 217.13	\$ 227.29	\$ 237.67	\$ 248.72		
	Re-inspection of L1 & L2	L1 - network construction L2 -NOSW	R2 or R3 p.h. (or R5 p.h for Major connections)		See Table 4					
	Reinspection of installation work in relation to customer assets	Re-inspection	Installation (CoCEW)	R2 p.h.		See Table 4				
Contestable Substation	Underground urban residential subdivision (vacant lots)		7.5 @ R2 + 5.5 @ R4		\$ 2,138.83	\$ 2,238.87	\$ 2,341.19	\$ 2,449.99		
	Rural overhead subdivisions and rural extensions		6.5 @ R2 + 1 @ R4		\$ 1,326.94	\$ 1,389.00	\$ 1,452.48	\$ 1,519.98		

AER Service Group	Service	Proposed rates and hours	15/16	16/17	17/18	18/19	
Commissioning	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	12 @ R2 + 0.5 @ R3 + 4.5 @ R4	\$ 2,908.74	\$ 3,044.79	\$ 3,183.93	\$ 3,331.91	
	Commercial and industrial developments	R2 p.h	See Table 4				
	Asset relocation or street lighting	R2 p.h	See Table 4				
	Complex & Chamber substations (NEW)	R2 p.h	See Table 4				
Access Permits	Underground urban residential subdivision (vacant lots)	9 @ R2 + 4 @ R4	\$ 2,203.03	\$ 2,306.07	\$ 2,411.46	\$ 2,523.53	
	Rural overhead subdivisions and rural extensions	9 @ R2 + 4 @ R4	\$ 2,203.03	\$ 2,306.07	\$ 2,411.46	\$ 2,523.53	
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	9 @ R2 + 4 @ R4	\$ 2,203.03	\$ 2,306.07	\$ 2,411.46	\$ 2,523.53	
	Commercial and industrial developments	9 @ R2 + 4 @ R4	\$ 2,203.03	\$ 2,306.07	\$ 2,411.46	\$ 2,523.53	
	Asset relocation or street lighting	9 @ R2 + 4 @ R4	\$ 2,203.03	\$ 2,306.07	\$ 2,411.46	\$ 2,523.53	
	Complex & Chamber substations (NEW)	R2 p.h	See Table 4				
Clearance to work	Clearance to work	6.5 hrs @ R2	\$ 1,187.11	\$ 1,242.63	\$ 1,299.42	\$ 1,359.81	
Access (standby person)	Access (standby person)	R4 p.h	See Table 4				
Notices of arrangement	Level 1 ASP	3.77 hrs @ R1 per NoA	\$ 519.69	\$ 544.00	\$ 568.86	\$ 595.29	
Authorisation of ASPs	Level 1 ASP	0.5 @ R1 + 2 @ R2 + 1 @ R5	\$ 678.51	\$ 710.24	\$ 742.70	\$ 777.22	
	Level 2 ASP	1hr @ R1 + 2hr @ R2	\$ 503.27	\$ 526.81	\$ 550.89	\$ 576.49	
Administration services relating to work performed by ASPs including processing work	Underground urban residential subdivision (vacant lots)	Up to 5 lots	4 hrs @ R1	\$ 552.03	\$ 577.85	\$ 604.25	\$ 632.34
		6 - 10 lots	5 hrs @ R1	\$ 690.04	\$ 722.32	\$ 755.33	\$ 790.43
		11 - 40 lots	7 hrs @ R1	\$ 966.06	\$ 1,011.24	\$ 1,057.46	\$ 1,106.60
		Over 40 lots	8 hrs @ R1	\$ 1,104.06	\$ 1,155.71	\$ 1,208.52	\$ 1,264.69
	Rural overhead subdivisions and rural extensions	Up to 5 poles:	4 hrs @ R1	\$ 552.03	\$ 577.85	\$ 604.25	\$ 632.34
		6-10 poles:	5 hrs @ R1	\$ 690.04	\$ 722.32	\$ 755.33	\$ 790.43
		11 or more poles	9 hrs @ R1	\$ 1,242.07	\$ 1,300.17	\$ 1,359.58	\$ 1,422.77
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	R1 p.h	See Table 4				
	Commercial and industrial developments	R1 p.h	See Table 4				

AER Service Group		Service	Proposed rates and hours	15/16	16/17	17/18	18/19
	Asset relocation or street lighting		R1 p.h	See Table 4			
	Subdivision involving substation/s (NEW)		1.2 hrs @ R1	\$ 165.61	\$ 173.35	\$ 181.28	\$ 189.70
	Additional services required by ASP/Applicant e.g. Guarantee of revenue, clarification meetings, variations to contract, reinspections etc. (NEW)		R1 p.h.	See Table 4			
Supply of conveyancing information	Desk enquiry		10min @ R1 + 5min @ R3	\$ 37.65	\$ 39.42	\$ 41.22	\$ 43.13
	Field Visit		10min @ R1 + 1hr 35min @ R3	\$ 301.34	\$ 315.43	\$ 329.85	\$ 345.18
Customer interface coordination for contestable works (NEW)			Weighted average 25% R3 & 75 % R5	\$ 227.14	\$ 237.76	\$ 248.62	\$ 260.18
Preliminary enquiry service (NEW)			Weighted average 20% R3 & 80% R5	\$ 230.56	\$ 241.34	\$ 252.37	\$ 264.10
Connection offer service (basic or standard)	Basic 100A Connections NOT requiring a load slip (NEW)		5 mins @ R1	\$ 11.50	\$ 12.04	\$ 12.59	\$ 13.18
	Basic 100A Connections requiring a load slip or Basic Micro EG Connections >5kW or Over 100A Connection Offer (new or existing site) (NEW)		0.25hr @ R1 + 1hr @ R3	\$ 210.29	\$ 220.13	\$ 230.19	\$ 240.89
	Standard Off-Site or On-Site Augmentation Work (NEW)		0.25hr @ R1 + 1hr @ R3	\$ 210.29	\$ 220.13	\$ 230.19	\$ 240.89
	Standard Offer ASP1 Connections (NEW)		1.45 hrs @ R3	\$ 254.90	\$ 266.82	\$ 279.01	\$ 291.98
	Standard Embedded Generation >5MVA capacity (NEW)		R5 p.h	See Table 4			
Rectification works	a. Rectification of illegal connections		Per service	\$ 830.13	\$ 869.15	\$ 908.21	\$ 950.64
	b. Provision of service crew/additional crew (NEW)		R4 p.h	\$ 139.84	\$ 146.38	\$ 153.07	\$ 160.19
	c. Fitting of Tiger tails		R4 + rental charge for tiger tails	\$ 139.84	\$ 146.38	\$ 153.07	\$ 160.19
	d. High load escorts (NEW)		Weighted average 25% R2 & 75% R4	\$ 150.54	\$ 157.58	\$ 164.78	\$ 172.44
Connection / relocation process facilitation (NEW)			Weighted average 20% R3 & 80% R5	\$ 230.56	\$ 241.34	\$ 252.37	\$ 264.10
Services to supply and connect temporary supply to one or more customers	Install & remove HV LL Links (NEW)		24 hrs @ R2 + material	\$ 6,178.17	\$ 6,428.19	\$ 6,682.86	\$ 6,954.18
	Break & remake HV bonds (NEW)		17 hrs @ R2 + material	\$ 3,260.23	\$ 3,409.35	\$ 3,561.77	\$ 3,723.90
	Break & remake LV bonds (NEW)		13 hrs @ R2 + material	\$ 1,962.72	\$ 2,051.38	\$ 2,141.97	\$ 2,238.35
	Connect & disconnect MG to OH mains (NEW)		18 hrs @ R4	\$ 2,723.84	\$ 2,846.76	\$ 2,972.35	\$ 3,105.96
	Connect & disconnect MG to LV board in Kiosk (NEW)		15 hrs @ R4 + material	\$ 2,133.55	\$ 2,232.56	\$ 2,333.80	\$ 2,441.48

AER Service Group	Service	Proposed rates and hours	15/16	16/17	17/18	18/19
	Carrying out planning studies and analysis relation to distribution (including sub-transmission and dual-function assets) connection applications	R5 p.h			See Table 4	
	Services involved in obtaining deeds of agreement in relation to property rights associated with contestable connection works	R5 p.h + Legal costs			See Table 4 for R5 rate	
	Investigate, review & implementation of remedial actions associated with ASP's connection works	R5 p.h			See Table 4	

Table 6: 2014/15 Indicative prices for Metering or Retailer related services Ancillary Network Services, exclusive GST

For notes associated with the application and conditions of all fees, refer to Ausgrid's approved Connection Policy (provided as an Attachment to this proposal)

Services	As per transitional proposal	Cost reflective
Site establishment	142.48	52.59
Special Meter Reading	45.10	9.74
Meter Test	74.83	551.15
Franchise (CT) Meter Install (NEW)	n/a	Quoted
Replace/Remove T5/6 Meter (NEW)	n/a	No price proposed for the regulatory period.
Type 5-7 non-standard Meter Data Services (NEW)	n/a	13.83
Emergency Maintenance of Failed Metering Equipment not owned by DNSP (NEW)	n/a	156.78
Off Peak conversion	60.48	199.42
Disconnection - Site Visit	45.10	42.10
Disconnection/Reconnection - Disconnection Completed	90.20	139.10
Disconnection/Reconnection - Technical Disconnect (NEW)	n/a*	234.03
Disconnection/Reconnection - Pillar/Pole - Disconnection Complete	151.70	744.71
Disconnection/Reconnection - Pillar/Pole - Site Visit (NEW)	n/a*	310.43
Reconnection outside of business hours	97.38	96.79
Network tariff change request (NEW)	n/a*	47.06

Move in, Move out meter reads (NEW)	n/a*	9.74
Recovery of debt collection costs - dishonoured transactions (NEW)	n/a*	24.42
Services provided in relation to a Retailer of Last Resort (RoLR) event (NEW)	n/a*	Quoted
Attendance to perform a statutory right where access is prevented (NEW)	n/a*	74.66
Vacant property reconnect/disconnect (NEW)	n/a*	136.47
Vacant property reconnect/disconnect. (site visit only) (NEW)	n/a*	34.78

* No prices are applicable for these services in 2014/15. New fees apply from 1 July 2015.

Table 7: 2014/15 Indicative prices for Ancillary Network Services Labour rates - for connection-related Ancillary Network Services (excluding GST)

For notes associated with the application and conditions of all fees, refer to Ausgrid's approved Connection Policy (provided as an Attachment to this proposal)

Labour Group	FY15 labour rates (\$ per hour)	
	As per transitional proposal	Cost reflective
Admin R1	65.60	132.73
Technical Specialist R2	82.00	175.65
Engineer/Senior Engineering Officer R3	98.40	169.07
Field Worker (R4) (NEW)	n/a*	134.49
Senior Engineer R5 (NEW)	n/a*	234.91

* No prices are applicable for these services in 2014/15. New fees apply from 1 July 2015.

Table 8: 2014/15 Indicative Ancillary Network Services Prices for Connection related services (\$ excluding GST)

For notes associated with the application and condition for all fees, refer to Ausgrid's approved Connection Policy (provided as an Attachment to this proposal)

Service		14/15 CPI adjusted	14/15 cost reflective	
Design information	Underground urban residential subdivision (vacant lots)	Up to 5 lots	162.98	526.95
		6 to 10 lots	244.98	702.60
		11 - 40 lots	407.98	1,229.54
		Over 40 lots	489.95	1,580.84
	Rural overhead subdivisions and rural extensions		82 per hour	175.65 per hour
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)		82 per hour	175.65 per hour
	Commercial and industrial developments		82 per hour	175.65 per hour
	Asset relocation or street lighting		82 or 98.40 per hour	\$169.07 or \$175.65 or \$234.91 per hour
URD including Kiosk/HVC/PT (NEW)		n/a*	658.68	
Chambers, Multi Kiosk, CBD Chambers (NEW)		n/a*	175.65 per hour	
Design certification	Underground urban residential subdivision (vacant lots)	Up to 5 lots	82.00	351.30
		6 to 10 lots	162.98	526.95
		11 - 40 lots	244.98	878.24
		Over 40 lots	325.95	1,053.89
	Rural overhead subdivisions and rural extensions	1 - 5 poles	82.00	351.30
		6 -10 poles	162.98	526.95
		11 or more poles	244.98	878.24
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Up to 10 lots	162.98	526.95
		11- 40 lots	244.98	702.60
		Over 40 lots	489.95	1,053.89
	Commercial and industrial developments		98.40 per hour	169.07 per hour
	Asset relocation or street lighting		82 or 98.40 per hour	169.07 or 175.65 per hour
	Kiosk/HVC/PT (NEW)		n/a*	1,053.89
Chambers, Multi Kiosk, CBD Chambers (NEW)		n/a*	175.65 per hour	
Design	Underground urban residential subdivision (vacant lots)	82.00 per hour	175.65 per hour	

Service			14/15 CPI adjusted	14/15 cost reflective	
rechecking	Rural overhead subdivisions and rural extensions		82.00 per hour	175.65 per hour	
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)		82.00 per hour	175.65 per hour	
	Commercial and industrial developments		98.40 per hour	169.07 or 234.91 per hour	
	Asset relocation or street lighting		82 or 98.40 per hour	169.07 or 234.91 per hour	
Inspection of service work by Level 1 ASPs	Underground urban residential subdivision (vacant lots)	ASP Grade:			
		First 10 lots:	A	41.00	87.83
			B	98.40	210.78
			C	205.00	439.13
		Next 40 lots:	A	24.60	52.70
			B	57.40	122.96
			C	123.00	263.28
		Remainder:	A	8.20	17.57
			B	32.80	70.26
			C	57.40	122.96
	plus travel time (flat fee)		41.00	87.83	
	Rural overhead subdivisions and rural extensions	ASP Grade:			
		1-5 poles	A	49.20	105.39
			B	98.40	210.78
			C	180.40	386.43
		6-10 poles	A	41.00	87.83
			B	82.00	175.65
			C	162.98	351.30
		11+ poles	A	32.80	70.26
			B	57.40	122.96
			C	123.00	263.48
	plus travel time (flat fee)		285.96	87.83	
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	ASP Grade:			
First 10 lots:		A	41.00	87.83	
		B	98.40	210.78	
		C	205.00	439.13	

Service			14/15 CPI adjusted	14/15 cost reflective	
		Next 40 lots:	A	41.00	87.83
			B	98.40	210.78
			C	205.00	439.13
		Remainder:	A	41.00	87.83
			B	98.40	210.78
			C	205.00	439.13
	plus travel time (flat fee)			41.00	87.83
	HV or LV UG Joint, ABS/enclosed switch (NEW)			n/a*	526.95
	Decommission substation (NEW)			n/a*	1,405.19
	Substations (Kiosk/PT) or HV Sw cubicle (NEW)			PT's only: A grade: 285.96, B grade: 570.93, C grade: 720.58	1,229.54
Commercial and industrial developments			82 or 98.40 per hour plus 41.00 flat fee travel time	169.07 or 175.65 or 234.91 per hour plus flat fee 87.83 travel time	
Asset relocation or street lighting			82 or 98.40 per hour plus 41.00 flat fee travel time	\$169.07 or \$175.65 or \$234.91 per hour plus flat fee 87.83 travel time	
Inspection of service work (by Level 2 ASPs)	All Service connections Per Notification of Service Work (NOSW)	A Grade:	20.50	41.96	
		B Grade:	33.83	68.31	
		C Grade:	98.40	208.83	
Re-inspection of L1 & L2	L1 - network construction L2 -NOSW		82.00 per hour plus 41.00 flat fee travel time	169.07 or 175.65 or 234.91 per hour plus flat fee 87.83 travel time	
Re-inspection	Installation (CoCEW)		82.00 per hour	175.65 per hour	
Contestable Substation Commissioning	Underground urban residential subdivision (vacant lots)		27.68 per lot combined with access fee	2,057.06	
	Rural overhead subdivisions and rural extensions		\$908.15 per substation	1,276.21	
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)		\$908.15 per substation	2,797.54	
	Commercial and industrial developments		\$908.15 per substation	175.65 per hour	
	Asset relocation or street lighting		\$908.15 per substation	175.65 per hour	

Service		14/15 CPI adjusted	14/15 cost reflective	
	Complex & Chamber substations (NEW)	n/a*	175.65 per hour	
Access Permits	Underground urban residential subdivision (vacant lots)	27.68 per lot combined with access fee	2,118.81	
	Rural overhead subdivisions and rural extensions	\$1210.53 maximum per access permit	2,118.81	
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	\$1210.53 maximum per access permit	2,118.81	
	Commercial and industrial developments	\$1210.53 maximum per access permit	2,118.81	
	Asset relocation or street lighting	\$1210.53 maximum per access permit	2,118.81	
	Complex & Chamber substations (NEW)	n/a*	175.65 per hour	
Clearance to work			1,141.72	
Access (standby person)		65.60 per hour	134.50 per hour	
Notices of arrangement	Level 1 ASP	197.83	499.82	
Authorisation of ASPs	Level 1 ASP	162.98	652.57	
	Level 2 ASP		484.03	
Administration services relating to work performed by ASPs including processing work	Underground urban residential subdivision (vacant lots)	Up to 5 lots	197.83	530.92
		6 - 10 lots	264.45	663.66
		11 - 40 lots	330.05	929.13
		Over 40 lots	396.68	1,061.86
	Rural overhead subdivisions and rural extensions	Up to 5 poles:	197.83	530.92
		6-10 poles:	264.45	663.66
		11 or more poles	396.98	1,194.59
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	65.60 per hour (max 6 hours)	132.73 per hour	
	Commercial and industrial developments	65.60 per hour (max 6 hours)	132.73 per hour	
	Asset relocation or street lighting	65.60 per hour	132.73 per hour	
Subdivision involving substation/s (NEW)	n/a*	159.28		
Additional services required by ASP/Applicant e.g. Guarantee of revenue, clarification meetings, variations to contract, reinspections etc. (NEW)	n/a*	132.73 per hour		
Supply of	Desk enquiry	37.93	36.21	

Service		14/15 CPI adjusted	14/15 cost reflective
conveyancing information	Field Visit	74.83	289.82
Customer interface coordination for contestable works (NEW)		n/a*	218.45
Preliminary enquiry service (NEW)		n/a*	221.75
Connection offer service (basic or standard)	Basic 100A Connections NOT requiring a load slip (NEW)	n/a*	11.06
	Basic 100A Connections requiring a load slip or Basic Micro EG Connections >5kW or Over 100A Connection Offer (new or existing site) (NEW)	n/a*	202.25
	Standard Off-Site or On-Site Augmentation Work (NEW)	n/a*	202.25
	Standard Offer ASP1 Connections (NEW)	n/a*	245.15
	Standard Embedded Generation >5MVA capacity (NEW)	n/a*	234.91 per hour
Rectification works	a. Rectification of illegal connections	226.53	798.27
	b. Provision of service crew/additional crew (NEW)	n/a*	134.50 per hour
	c. Fitting of Tiger tails	Quoted service	134.50 per hour + rental
	d. High load escorts (NEW)	n/a*	144.78 per hour
Connection / relocation process facilitation (NEW)			221.75 per hour
Services to supply and connect temporary supply to one or more customers	Install & remove HV LL Links (NEW)	n/a*	5,967.27 plus material
	Break & remake HV bonds (NEW)	n/a*	3,137.78 plus material
	Break & remake LV bonds (NEW)	n/a*	1,889.72 plus material
	Connect & disconnect MG to OH mains (NEW)	n/a*	2,622.62 plus material
	Connect & disconnect MG to LV board in Kiosk (NEW)	n/a*	2,052.49 plus material
Carrying out planning studies and analysis relation to distribution (including sub-transmission and dual-function assets) connection applications (NEW)		n/a*	234.91 per hour
Services involved in obtaining deeds of agreement in relation to property rights associated with contestable connection works (NEW)		n/a*	234.91 per hour
Investigate, review & implementation of remedial actions associated with ASP's connection works (NEW)		n/a*	234.91 per hour

* No prices are applicable for these service in 2014/15. New fees apply from 1 July 2015.

Appendix: List of Service Spreadsheet models contained in Attachments

The service spreadsheet models (referred to in Section 3 of this attachment) are listed below and form part of two Attachments to the proposal; Attachment 8.23 *Metering related ancillary network services models.zip* and Attachment 8.24 *Connection relating ancillary network services*

- Files contained in Attachment 8.23 *Metering related ancillary network services*

Service	Worksheet Name
Site establishment	01_Metering_Site_Establishment.xlsx
Special Meter Reading (Includes Move in/Move out reads)	02a_Special_Meter_Reading.xlsx
Meter Test	02b_Type 5-6_Meter_Test.xlsx
Franchise (CT) Meter Install	02c_Franchise_CT_Install.xlsx
Replace/Remove T5/T6 Meter	No price proposed.
Types 5 -7 non-standard Meter Data Services	02e_Type 5-7_nonstandard_data.xlsx
Emergency Maintenance of Failed Metering Equipment not owned by DNSP	02f_Emergency_maintenance_failed_metering_equipment.xlsx
Off Peak Conversion	03_Off_Peak_Conversion.xlsx
Disconnection/Reconnections (for non-payment): Site visit	04a_Disconnection_Visit_Acceptable_Payment_Received.xlsx
Disconnection/Reconnections (for non-payment): Disconnection completed	04b_Disconnection_Visit_Disconnection_Completed.xlsx
Disconnection/Reconnection (for non-payment): Technical Disconnect	04c_Disconnection_Visit_Disconnection_Technical.xlsx
Disconnection/Reconnection (for non-payment): Pillar/Pole - Disconnection Complete	04d_Disconnection_Pole_Top_Pillar_Box.xlsx
Disconnection/Reconnection (for non-payment): Pillar/Pole - Site Visit	04e_Disconnection_Visit_Pole_Top_Pillar_Box.xlsx
Reconnection/Disconnection outside of business hours	04f_Reconnection_Outside_Business_Hours.xlsx
Rectification of Illegal Connection	Detail provided in 05_Metering_Rectification_Works.xlsx, but included in Rectification works (19_Rectification_Works.xls)
Network tariff change request	06_Network_Tariff_Change_Request.xlsx
Move in, Move out meter reads	See 02a_Special_Meter_Reading.xlsx
Recovery of debt collection costs - dishonoured transactions	08_Debt_Recovery.xlsx

Services provided in relation to a Retailer of Last Resort (RoLR) event	No price proposed
Attendance to perform a statutory right where access is prevented	10_Perform_Statutory_Right.xlsx
Vacant property reconnect/disconnect	11a_Disconnection_Vacant.xlsx
Vacant property reconnect/disconnect. (site visit only	11b_Disconnection_Vacant_Site_Visit.xlsx

- Files contained in Attachment 8.24 *Connection relating ancillary network services models.zip*.

Design related services – Design information	01_Design_Fees.xlsx
Design related services – Design certification	01_Design_Fees.xlsx
Design related services – Design rechecking	01_Design_Fees.xlsx
ASP inspection services – Inspection and reinspection of service work by Level 1 ASPs	02a_L1 Inspections_L1&L2 Reinsp.xlsx
ASP inspection services – Inspection and reinspection of service work by Level 2 ASPs	AND 02b_ASP_L2_Inspections.xlsx
Access permits	05_Access_Permits.xlsx
Contestable Substation Commissioning	04_Substation_Commissioning.xlsx
Administration services relating to work performed by ASPs	10_Admin_Fees.xlsx
Notifications of arrangement	08_Notification_Of_Arrangement.xlsx
Re-inspection – Installation	03_Reinspection_Fees_COCEW.xlsx
Access (standby person)	07_Access_Standby.xlsx
Authorisation of ASPs	09_Authorisation_Fees.xlsx
Clearance to Work	06_Clearance_to_Work.xlsx
Supply of conveyancing information	11_Conveyancing_Information.xlsx
Customer interface coordination for contestable works	13_Customer_Interface.xlsx
Preliminary enquiry service	14_Prelim_Enquiry.xlsx
Connection Offer service – Basic and Standard	15_Connection_Offer.xlsx
Rectification works – (1) Rectification of illegal connections, (2) Provision of service crew/addition crew, (3) Fitting of Tiger Tails, and (4) High load escorts	19_Rectification_Works.xlsx
Connection/relocation process facilitation	20_Connection_Relocation_facilitation.xlsx

Services to supply and connect temporary supply to one or more customers – (1) Install and remove HV LL Links, (2) Break and remake HV bonds, (3) Break and remake LV bonds, (4) Connect and disconnect MG to OH mains, (5)Connect and disconnect MG to LV Board in kiosk	21_Temp_Power.xlsx
Carrying out planning studies and analysis relation to distribution (including sub-transmission and dual-function assets) connection applications	22_Planning_Studies.xlsx
Services involved in obtaining deeds of agreement in relation to property rights associated with contestable connection works	23_Property_Deeds_of_Agreement.xlsx
Investigate, review & implementation of remedial actions associated with ASP's connection works	24_ASP_Investigations.xlsx