Attachment 8.08

Revisions to the Ancillary Network Services Proposal

January 2015

Ausgrid revised regulatory proposal attachment

Contents

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.

Ausgrid's initial proposal included cost reflective prices for each ancillary service as required by the AER. These services included new services identified by the AER's Stage 1 Framework and Approach paper which included the reclassification of services (from Standard Control Services) formerly known as 'Miscellaneous and Monopoly' (M&M) fees as defined in the AER's Framework and Approach.

Prices for most of the existing M&M 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 network charges.

From 1 July 2015, the reclassification of these services to Alternative Control Services will have practical effect. Currently there are 22 service groups. From 1 July 2015, there will be 30 service groups, however within some groups there are multiple services and prices (services are either charged at a flat fee per service or in more complex cases via a quoted pricing structure). This change in classification seeks to ensure that customers generally (through network charges for Standard Control Services) do not continue to subsidise these activities specific to a small group of customers.

Although many fees associated with Ancillary Network Services will increase to more accurately reflect true 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 delivered in an efficient manner. A corresponding decrease in costs from Ausgrid's Standard Control Services has occurred and is incorporated in Ausgrid's revenue cap.

During the Framework and Approach consultation process the NSW DNSP's expressed concerns with the AER's proposed approach. Whilst a cross-subsidy existed, we were of the view that an immediate transition to the new classification would represent a significant impact to ANS customers:

> *"The NSW DNSPs flagged in their responses to the Consultation Paper that the current regulated schedule of fees and rates is not cost-reflective and that the potential price increases required to ensure cost reflectivity are likely to cause customer satisfaction issues. There are also likely to be discrepancies in pricing across the three NSW DNSPs given the different characteristics of the networks."*[2]

Ausgrid shared similar concerns raised by the other NSW DNSPs; that with the immediate shift to cost reflective pricing would lead to price increases in the order of hundreds of percent for some services and customers now being charged for new service fees that had been previously absorbed by operational expenditure or capitalised. This was due in large to the approach to pricing adopted by the regulator that constrained the pricing of ANS to CPI for over a decade, despite known real cost movements occurring over that time.

Despite this, the services were re-classified and thus Ausgrid submitted cost-reflective prices that represented the efficient cost to provide these services. No alternative options were provided to Ausgrid to transition customers to the new prices. In giving effect to the new classification there will be instances of large increases, but equally there are instances of significant decreases such as the site establishment fee.

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

[2] NSW DNSPs' Response to the AER's Preliminary Framework and Approach Paper, 17 August 2012, pg 31.

For reference, the following documents accompanied Ausgrid's initial Ancillary Network Services regulatory proposal:

- *Ausgrid - 8.22 - Ancillary network services proposal - 2014*;
- *Ausgrid - 8.23 - Metering related ANS models -2014;*
- *Ausgrid - 8.24 - Connection related ANS models - 2014 models; and*
- *Ausgrid - 8.25 - Options for ACS true up – 2014.*

The following attachments support Ausgrid's revised proposal and preliminary submission:

- *Attachment 8.09 Ancillary Network Services models – metering;* and
- *Attachment 8.10 Ancillary Network Services models - network services.*

These are listed in Appendix 2.

2 AER Draft Determination

The AER's draft decision was to not accept some elements of our initially proposed prices in the draft determination as it considered they exceeded the efficient cost of providing these services, although the AER did accept the need to provide cost-reflective prices as described above:

> *"Our draft decision is to accept the step increase in charges for ancillary network services from those during 2009–14. This is because we have reclassified quoted and fee based activities from standard control services to alternative control services. The result is that customers choosing these services now bear the full costs of their provision rather than being subsidised by all electricity users. Nonetheless, customers will receive a small offsetting reduction in Ausgrid's standard control services revenue (and therefore tariffs) to compensate for this."* [3]

In reviewing the AER's detailed draft decision pertaining to Alternative Control Services in Attachment 16 the AER have rejected Ausgrid's proposed schedule of prices, mainly due to the cost inputs to the price models. The analysis was predominantly based on selective advice from the AER's consultant, Marsden Jacobs Associates, which suggested our overheads and labour rates are inefficient:

> *"Our draft decision is to not approve Ausgrid's proposed fees for ancillary network services. We consider the proposed fees are higher than fees based on maximum benchmark labour rates and overheads which we consider efficient for providing ancillary network services."* [4]

Ausgrid has not revised the labour rates or skill sets utilised to provide the services that were initially submitted to the AER in May 2014, and is only proposing to update ANS prices with most up-to-date cost escalators via externally recognised consultants CEG – Competition Economics Group[5]. These cost escalators are shown in Table 1 below:

Table 1: Revised Cost Escalators (Real 2013/14)

Cost Escalator	2014/15	2015/16	2016/17	2017/18	2018/19
Labour (internal)	0.9%	0.9%	1.4%	1.6%	1.4%
Labour Hire	0.7%	1.3%	1.3%	1.2%	1.2%
Contracted Services	0.7%	1.3%	1.3%	1.2%	1.2%
Materials	0%	0%	0%	0%	0%
Other Costs	0%	0%	0%	0%	0%

[3] AER, Draft Decision Ausgrid distribution determination, Overview 2015–16 to 2018–19, November 2014, pg 63

[4] AER, Draft Decision Ausgrid distribution determination 2014-19 Attachment 16: Alternative Control Services, November 2014, pg 13

[5] Attachment 5.15 – CEG – Material escalation for NSW DNSPs

Of the 30 services Ausgrid proposed, the AER only undertook a detailed assessment on a sample of 10 services that represent the most frequently requested services, specifically:

- special meter read
- meter test
- supply of conveyancing information (desk inquiry)
- supply of conveyancing information (field visit)
- off–peak conversion
- disconnection site visit
- disconnection at meter box
- disconnection at pole top / pillar box
- reconnections
- access permits.

For the remaining 20, the AER utilised the maximum benchmark labour rates and overheads as determined by Marsden Jacobs Associates.

We do not consider significant revisions to the prices are required to address the matters raised by the AER in its draft decision for the following reasons:

- Ausgrid's raw internal labour rates are substantiated by actual information and are determined by the legally binding current Enterprise Bargaining Agreement 2012 (with escalation factors applied to labour rates to bring them to nominal dollars) and we consider they represent a cost-reflective and efficient price;
- The Ausgrid models that were modified by the AER to determine the AER draft decision for the ANS fees and rates are in 2012/13 dollar terms and not escalated to 2014/15. The AER modified models have changed the escalation factors for the base year to be 2014/15 fiscal year. As Ausgrid utilised 2012/13 as the base year for these models, this would leave the labour rates two years behind in dollar terms. The escalations applied to raw labour rates are determined by the Enterprise Bargaining Agreement from 2012 and are the most appropriate figures to be used;
- Ausgrid's methodology for determining service fee prices is prudent, efficient and robust;
- Ausgrid's overheads and on-costs were calculated and applied in accordance with the AER's approved Cost Allocation Methodology (CAM);
- The assessed time to undertake specific jobs have been analysed in detail, and as an input into our proposed efficient prices, these are reasonable and justifiable and the time taken to provide these services has seemingly been approved by the AER; and
- There are examples of unreasonable outcomes that are produced by relying significantly on benchmarking analysis such as the under-recovery of the cost of delivering these services. These outcomes are further invalidated as the AER has inconsistencies in the Draft Determination when referenced to Ausgrid's initial proposal.

These issues are discussed in further detail in the following sections, and we have also clarified Ausgrid's position with respect to the applicable control mechanism for Fee Based Services and Quoted Services.

3 Costs to Deliver Ancillary Network Services

Ausgrid's underlying methodology to developing prices remains as per our initial proposal. We have rejected the reductions suggested by the AER in the Draft Determination, and our revised proposal consists only of an update to input cost escalators (such as for internal labour, labour hire, materials and contracted services).

As per our initial proposal, we have sought to develop our rates based on our historical data for providing these services. However, in some cases, this historic data was not available or was not at a sufficient level of detail to determine the historic costs of providing the particular service. As a result, we 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 were able to identify incurred costs for providing the service and the numbers of services that historically have

been provided. For some services we identified the hours associated with providing the service (e.g. for the meter test service and off peak conversion service). Due to the historical data being clearly identifiable for those services, we utilised data from FY10 to FY13 to determine the cost of the service and established the corresponding cost-reflective price, unless there was a compelling reason to use a subset of the data for that period. This approach can be considered a 'top-down approach'.

- **Operating costs** - This method involved using available data to establish an average cost to provide the service. In these instances, we were 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 needed to apportion historic costs between several services. For example, the back-office costs associated with meter tests and meter investigations are not separately recorded and we allocated these costs based on the average handling time (AHT), resulting in 60% of back office costs being allocated to meter tests and 40% to meter investigations. This approach uses some approximations, assumptions and interim calculations and is therefore not considered as 'pure' an approach as the top-down method given above.
- **Bottom up approach** - For services where we were unable to reliably extract tracked historical data, a bottom up approach was used. In these circumstances, we had available data of the total costs for a service group, but the data was not distinguishable between the 50 service (and chargeable) components. This method was applicable for new Ancillary Network Services. The method relied on identifying the type of employee who carries out the service, with an average hourly rate and estimating the time taken 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 below.

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

3.1. Labour Cost Inputs

Ausgrid maintains the justification of labour cost inputs presented in the initial proposal. To reiterate our initial position and method, we highlight the following:

- We established 5 labour rates by considering the labour categories that Ausgrid utilises to provide the service and we determined an appropriate midpoint of skill level that provides the service (see Table 2);
- Labour rates are based on averages of labour from work groups (i.e. cost centres) involved in providing the related Ancillary Network Service, rather than an average across Ausgrid's whole business;
- We've proposed two new labour rates to accommodate for new services: 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. Overheads relate to the divisional and branch management costs and include costs such as vehicles, computers, phones etc.;

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 Jointer - 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)		

In undertaking this process, Ausgrid was able to establish labour input costs that are prudent and efficient through the manner in which they were constructed, and when compared using our own analysis against other DNSPs.

In contrast, the AER made significant reductions to our proposed ANS fees utilising benchmarking analysis of the labour costs provided by Marsden Jacobs Associates. Moreover, the AER made the reductions by substituting Ausgrid's labour rates with labour costs below Marsden Jacob's identified costs[6]. Whilst we acknowledge that benchmarking is an available assessment tool we consider it to be of limited value in forecasting practical and efficient service delivery. The Marsden Jacobs analysis suggests Ausgrid is on the higher end of the maximum allowable benchmark labour rates (inclusive of on-costs and overheads):

> *"We reviewed Ausgrid's proposed fees for ancillary network services and the methodologies used by Ausgrid to calculate these fees. Based on our analysis of Ausgrid's proposed methodologies, the main concerns are the cost inputs to the methodologies. Where there are*

[6] AER draft decision Attachment 16: Alternative Control Services, November 2014, pg 16-15

inefficiencies in actual historical costs these will be carried through in the derivation of proposed fees." [7]

Ausgrid submits that there are issues concerning the accuracy and reliability of the AER's approach to benchmarking[8]. This is demonstrated by the spectrum of results produced by the AER's benchmarking. We do not consider the techniques are sufficiently refined enough to be relied upon to such a degree. As an example, the application of the Marsden Jacobs analysis ignores the fact that Ausgrid cannot access a national or international labour market. It is not clear if the results are driven by lower labour rates in other states, countries or industries. As such, Ausgrid contests that it cannot obtain the rates as described in the Marsden Jacob analysis based on the local labour rates for the qualifications required by each Ancillary Network Service.

In contrast, Ausgrid's proposed raw labour rates (excluding on-costs and overheads) that were analysed and benchmarked using the Marsden Jacobs Associates report fell within labour rate ranges:

"Table 166-8 sets out Marsden Jacob's recommended labour rates; Ausgrid's proposed raw labour rates fell within these ranges, except for administration support and senior engineer." [9]

Therefore this further contributes to the questionable application of benchmarking by the AER to total labour rates, as application of overheads and on-costs can differ between DNSPs. Ausgrid's on-costs and overheads have been applied using the AER approved Cost Allocation Methodology (CAM).

4 Justification for Individual Services

The AER raised issues with specific services in section 16.5.5 of the Draft Determination, and referred also to matters raised by external stakeholder submissions. Ausgrid acknowledge that the AER used a range of assessment techniques in making their determination. As such, we consider it would be prudent to also utilise a number of techniques in forming a view and not to rely heavily on a single measure or benchmarking report (i.e. Marsden Jacob report). This is of particular importance when there are substantive differences between the amount Ausgrid and the AER consider to be efficient

Ausgrid's position in response to the specific matters raised by the AER is detailed below. Services have been categorised as relating either to Ausgrid's metering service (section 4.1), or connection service (section 4.2).

4.1 Metering Related Ancillary Network Services

Ancillary Network Service 1a - Site Establishment

The AER supports Ausgrid's Regulatory Proposal fee of $52.59 (nominal).

Ausgrid did not submit in our initial proposal that the site establishment fee will be charged to a customer's Accredited Service Provider (ASP). Whilst this is currently the method of charging, we remained silent on who the fee should be levied against going forward. Currently, ASPs charge the customer a site establishment fee when levied against the ASP. In the past, retailers could not be charged this fee as in some cases it was the local retailer who defaulted as the retailer for new installations (i.e. where a retailer was not nominated at the application stage, but may not have necessarily been the retailer once the customer moved into the premise). Due to a MSATS system change in May 2014 where NMIs cannot be published to MSATS until approval is gained by the retailer, Ausgrid now proposes that the site establishment fee should be levied against the retailer subject to Ausgrid's business processes because it is now the retailer who must submit an 'Allocate NMI B2B service order'. We will consider this proposal further and consult with stakeholders before making any final decision.

In this revised proposal, the updated cost escalators result in the proposed fee of $52.40 (nominal).

[7] AER draft decision Attachment 16: Alternative Control Services, November 2014, pg 16-23

[8] AER draft decision Attachment 16: Alternative Control Services, November 2014, pg 16-19

[9] AER draft decision Attachment 16: Alternative Control Services, November 2014, pg 16-22

Ancillary Network Service 2a & 6a - Special Meter Reading/Move In-Move Out Reads

The AER has rejected Ausgrid's proposed fee of $9.74 (nominal), and replaced it with a fee of $9.69 (nominal).

Ausgrid's internal benchmarking against other DNSP fees (across multiple states) reveal Ausgrid to have the most competitive rate, and therefore it is unclear why the AER has nominated a 0.5% cut to this rate. Supporting Ausgrid's rationale, AGL proposed that $9.74 was a fair and reasonable fee for this service. Ausgrid's special read price includes all associated data processing inclusive of Type 5 and 6.

In this revised proposal, the updated cost escalators results in the proposed fee of $9.73 (nominal).

Ancillary Network Service 2b - Meter Test Fee

The AER has rejected Ausgrid's proposed fee of $551.15 (nominal), and replaced it with a fee of $401.39 (nominal).

We support our initial proposal where we have employed a top-down modelling approach, based on historical costs. The first point of note is that the AER have rejected Ausgrid's labour rate and replaced it with figures provided by Marsden Jacob Associates. Our explanation of how our internal labour rates are determined is provided above in section 3.1.

There is a significant reduction in the labour rate for an administrative worker (R1) which has been reduced from Ausgrid's proposed labour rate of $132.73 to a rate of $89.06.

As this is a technical task completed by our technical staff (R2), the labour rate incorrectly adopted by Marsden Jacob is that of a field worker (R4). Ausgrid contend that the labour rate proposed in our original proposal is correct; the time taken in the field to perform the task takes 3 hours as well as a necessary administration component of 0.66 hours.

The AER have suggested a range of meter fees may be appropriate, which would reduce the cost for residential customers. Ausgrid argue that residential customers have more meters per site than business customers due to the prevalence of controlled load metering and past meter configuration policies (e.g. the use of three single phase meters on site rather than a single 3 phase meter). In addition, due to Ausgrid's 15-40MWh per annum meter rollout many business customers would have already had a meter upgrade to the new minimal meter configuration.

As all meters need to be tested per NMI, and there is the likelihood that residential sites will have multiple meters on site, Ausgrid contend that our testing methodology (i.e. one fee per NMI) results in a fairer outcome for residential customers.

A component of the 3 hours taken to complete a meter test is devoted to explaining the process to the customer, which we undertake to ensure customer satisfaction and their understanding of the testing process.

In this revised proposal, the updated cost escalators result in the proposed fee of $548.62 (nominal).

Ancillary Network Service 2e - Type 5-7 non-standard Meter Data Services

The AER support Ausgrid's proposed fee of $13.83 (nominal).

In this revised proposal, the updated cost escalators result in the proposed fee of $13.95 (nominal).

Ancillary Network Service 2f - Emergency Maintenance of Failed Metering Equipment

The AER support Ausgrid's proposed fee of $156.78 (nominal).

In this revised proposal, the updated cost escalators result in the proposed fee of $158.18 (nominal).

Ancillary Network Service 3a - Off Peak Conversion

The AER has rejected Ausgrid's proposed fee of $199.42 (nominal), and replaced it with a fee of $133.80 (nominal).

A point of note is that the AER have rejected Ausgrid's labour rates and replaced them with figures provided by Marsden Jacobs. As this is a technical task completed by our Emergency Services Officers (R2), the labour rate incorrectly adopted by Marsden Jacob is that of a field worker (R4).

Ausgrid maintains that the labour rate proposed is correct; the time taken in the field to perform the task is 1 hour as well as a necessary administration component to verify that the meter conversion can take place.

In this revised proposal, the updated cost escalators result in the proposed fee of $198.71 (nominal).

Ancillary Network Service 4a - Disconnection/Reconnection – Site Visit

The AER has rejected Ausgrid's proposed fee of $42.10 (nominal), and replaced it with a fee of $41.89 (nominal). It is unclear why the AER has nominated a 0.5% cut to Ausgrid's proposed fee.

In this revised proposal, the updated cost escalators result in the proposed fee of $42.40 (nominal).

Ancillary Network Service 4b - Disconnection/Reconnection – Disconnection Completed

The AER has rejected Ausgrid's proposed fee of $139.10 (nominal), and replaced it with a fee of $66.90 (nominal).

This decision appears inconsistent compared to Ancillary Service number 11a - Vacant Property Reconnect/Disconnect (where the AER has approved a unit cost of $136.47 for this service). This service is fundamentally similar to service 4b, which Ausgrid proposed a price of $139.10 (nominal). Service 4b and 11a unit costs were derived by applying a top down approach and reflect an immaterial difference.

The proposed AER $66.90 (nominal) cost for this service does not appear a fair reflection of the additional time taken to complete the subsequent reconnection service. The unit cost of $66.90 approximates to 0.5 hours of work for both disconnection and reconnection. Elements of this fee include travel time to the site to disconnect, locating an adequate point of disconnection, negotiating disconnection with the customer, obtaining and validating the disconnection reading and confirming correct installation details (e.g. in a block of units), plus revisiting the site for subsequent reconnection activities.

Ausgrid sought clarification from the AER regarding the time taken to complete this service[10]. Although the AER have approved the 0.5 hours required to complete the disconnection, a similar time (and fee) should be levied regarding the reconnection component. This is justified from the Marsden Jacob report stating "Based on the benchmark time taken by ActewAGL and Essential (0.93 hrs) reduce the time taken for disconnection at the meter box for Ausgrid to 0.50 hrs unless compelling justification is provided by the business (for example, if the technology employed by the business is more complex than the two benchmark businesses)"[11]. In this case, we would need to levy a disconnect fee and a subsequent reconnect fee to remain consistent with our other disconnection services. Ausgrid's preference is that a single fee be adopted at the time of disconnection for the complete service.

Ausgrid assert that to safely and effectively complete this service (both disconnection and reconnection), our original proposed time of 1.03 hours be accepted in place of the revised 0.5 hours.

Were we to adopt the AER's position, if the $66.90 was to be separated into the two components (disconnect and reconnect), this would result in each component being less than the $42.12 (nominal) site visit fee which is illogical.

As above, Ausgrid has provided further justification for this service and contend the initially proposed fee is a fair indication of the cost involved with the disconnection and reconnection of a customer.

In this revised proposal, the updated cost escalators result in the proposed fee of $138.67 (nominal).

Ancillary Network Service 4c - Disconnection/Reconnection – Technical Disconnect

The AER has rejected Ausgrid's proposed fee of $234.03 (nominal), and replaced it with a fee of $232.82 (nominal). It is unclear why the AER has nominated a 0.5% cut to Ausgrid's proposed fee. An element of the

[10] Ausgrid AER 001 – Metering Request, 9 December 2014

[11] Marsden Jacobs Associates report - Provision of advice in relation to Alternative Control Services, page 12

time taken for this service is to obtain and validate the disconnection reading as well as complete the disconnection.

In this revised proposal, the updated cost escalators result in the proposed fee of $233.20 (nominal).

Ancillary Network Service 4d - Disconnection/Reconnection – Pillar/Pole Disconnection

The AER has rejected Ausgrid's proposed fee of $744.71 (nominal), and replaced it with a fee of $267.59 (nominal).

Ausgrid employ three people to perform this service, where one employee liaises with the customer regarding the disconnection process. A further two employees are required to operate an elevated work platform (EWP) and implement a traffic control plan as necessitated by Ausgrid's safety protocols and WHS requirements.

At reconnection, an EWP and traffic control are again required.

We note that the Ancillary Network Service 4e – Disconnection/Reconnection Pillar/Pole Site Visit fee has been accepted by the AER as an adequate fee where this task only includes one visit to the customer's premise and the traffic control plan may not be implemented should the disconnection not proceed (for a variety of reasons, including last minute cancellation of the disconnection by the Retailer). Ausgrid questions the AER's methodology in calculating this fee (for a successful disconnection and subsequent reconnection) being less than a Disconnection/ Reconnection – Pillar/Pole Site Visit.

It is envisaged that this fee should be used as a last resort by Retailers, once all other avenues of disconnection and debt recovery have been attempted and should only be requested where it is of financial benefit to the Retailer. Ausgrid maintain that reducing the fee to the AER's proposed price would send the wrong signal to Retailers that this is a 'mainstream' activity.

In this revised proposal, the updated cost escalators results in the proposed fee of $742.07 (nominal).

Ancillary Network Service 4e - Disconnection/Reconnection – Pillar/Pole Site Visit

The AER support Ausgrid's proposed fee of $310.43 (nominal).

To ensure consistency with other disconnection services, Ausgrid would like to confirm the terminology used in the Draft Determination around this service is 'Disconnection/Reconnection – Pillar/Pole Site Visit', rather than the proposed AER response being 'De-energisation/Re-energisation-Pillar/Pole (Failed)'.

In this revised proposal, the updated cost escalators results in the proposed fee of $309.33 (nominal).

Ancillary Network Service 4f - Reconnection Outside Business Hours

The AER has rejected Ausgrid's proposed fee of $96.79 (nominal), and replaced it with a fee of $96.29 (nominal). It is unclear why the AER has nominated a 0.5% cut to Ausgrid's proposed fee.

In this revised proposal, the updated cost escalators results in the proposed fee of $95.53 (nominal).

Ancillary Network Service 5a - Network Tariff Change request

The AER has rejected Ausgrid's proposed fee of $47.06 (nominal). No alternative fee has been nominated.

A point of note is that the terminology that the AER is using of 'Network Tariff Change – invalid request' is not correct and it should be defined as "Network tariff change request". We disagree with the AER's statement in relation to the Retailer having no visibility to determine if the request is valid, due to Ausgrid's Network Tariff policy being publically available on the Ausgrid website which outlines the eligibility criteria for each tariff and the actual tariff currently applied is visible via MSATS. Ausgrid's policy intent is to review network tariffs annually and this fee will be levied for valid requests outside the standard network annual review.

Ausgrid propose to only levy this fee when valid requests are received.

In this revised proposal, the updated cost escalators results in the proposed fee of $46.89 (nominal).

Ancillary Network Service 8a - Recovery of Debt Collection Costs

The AER support Ausgrid's proposed fee of $24.42 (nominal).

In this revised proposal, the updated cost escalators results in the proposed fee of $24.40 (nominal).

Ancillary Network Service 10a - Attendance to perform a statutory right where access is prevented

The AER support Ausgrid's proposed fee of $74.66 (nominal).

In this revised proposal, the updated cost escalators results in the proposed fee of $75.32 (nominal).

Ancillary Network Service 11a - Vacant Property Reconnect/Disconnect

The AER support Ausgrid's proposed fee of $136.47 (nominal).

It is considered in the Retailer's best interest to ensure vacant sites are disconnected, so that power is not being consumed by unknown customers.

In this revised proposal, the updated cost escalators results in the proposed fee of $136.06 (nominal).

Ancillary Network Service 11b - Vacant Property Reconnect/Disconnect – Site Visit

The AER support Ausgrid's proposed fee of $34.78 (nominal).

In this revised proposal, the updated cost escalators results in the proposed fee of $34.73 (nominal).

4.2 Connection Related Ancillary Network Services

Ancillary Network Service 01 - Design Related Services

The AER has rejected Ausgrid's proposed design fees. Alternative fees have been substituted, with the new proposed labour rates with the time taken to perform the service (hours proposed) remaining the same.

Ausgrid maintains our initial proposal where we have employed a bottom up modelling approach, based on historical costs. The first point of note is that the AER have rejected Ausgrid's labour rates and replaced them with figures provided by Marsden Jacob.

There is a significant reduction in the proposed labour rates which significantly varies all the proposed design service fees.

It should be noted that there was a misinterpretation on a number of the design related fees, these have been listed below:

1. Design Information services for "Underground commercial and industrial or rural subdivisions (vacant lots - no development)", "Commercial and industrial developments", "Asset relocation or street lighting" have not been allocated fees/rates in the AER's draft decision (table 166-25);

2. Design Certification services for "Commercial and industrial developments", "Asset relocation or street lighting" have not been allocated fees/rates in the AER's draft decision (table 166-25);

3. "Design Certification" is not a single service but made up of multiple certification services - fee and quoted - thus should not have a singular fee allocated to it. Design Certification is associated with common project types i.e. "Underground urban residential subdivision (vacant lots)" which has multiple rates/fees associated with it "up to 5 lots" $357.56, "6-10 lots" $536.34 (FY2015-16) etc.

Each of the services associated with design certification should have individual fees allocated (see Figure 1 below).

Service			Proposed rates and hours	15/16	16/17	17/18	18/19
Design certification	Underground urban residential subdivision (vacant lots)	Up to 5 lots	2 hrs @ R2	$ 357.56	$ 371.63	$ 387.09	$ 402.48
		6 to 10 lots	3 hrs @ R2	$ 536.34	$ 557.44	$ 580.63	$ 603.72
		11 - 40 lots	5 hrs @ R2	$ 893.88	$ 929.06	$ 967.71	$ 1,006.19
		Over 40 lots	6 hrs @ R2	$ 1,072.66	$ 1,114.87	$ 1,161.26	$ 1,207.43
	Rural overhead subdivisions and rural extensions	1 - 5 poles	2 hrs @ R2	$ 357.56	$ 371.63	$ 387.09	$ 402.48
		6 -10 poles	3 hrs @ R2	$ 536.34	$ 557.44	$ 580.63	$ 603.72
		11 or more poles	5 hrs @ R2	$ 893.88	$ 929.06	$ 967.71	$ 1,006.19
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Up to 10 lots	3 hrs @ R2	$ 536.34	$ 557.44	$ 580.63	$ 603.72
		11- 40 lots	4 hrs @ R2	$ 715.12	$ 743.26	$ 774.18	$ 804.96
		Over 40 lots	6 hrs @ R2	$ 1,072.66	$ 1,114.87	$ 1,161.26	$ 1,207.43
	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	$ 1,072.66	$ 1,114.87	$ 1,161.26	$ 1,207.43
	Chambers, Multi Kiosk, CBD Chambers (NEW)		R2 p.h	See Table 4			

Figure 1: Design Certification – excerpt of Table 8 from Attachment 8.22 – Ancillary Network Services Proposal of Ausgrid's initial proposal.

The services “underground urban residential subdivision (vacant lots)”, “Rural overhead subdivisions and rural extensions”, and “Underground commercial and industrial or rural subdivisions (vacant lots - no development)” have also been incorrectly allocated fees, i.e. the AER has provided the summation of “up to 5 lots”, “6 to 10 lots”, “11-40 lots” and “over 40 lots” for each of the services mentioned above which is incorrect. These need to be listed as individual fees as shown **Figure 1**.

Design Rechecking should have been split as per Ausgrid's initial Ancillary Network Services Proposal (see **Figure 2**). Design rechecking services are performed by different employees dependent on the connection/project type.

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			

Figure 2*:* Design Rechecking – excerpt of Table 8 from Attachment 8.22 – Ancillary Network Services Proposal of Ausgrid’s initial proposal

In this revised proposal, the updated cost escalators result in the proposed design service fees shown in Table A-3 of Appendix 1.

Ancillary Network Service 02a, b - ASP Inspections Services

The AER has rejected Ausgrid’s proposed ASP inspection fees. Alternative fees have been nominated using the AER’s proposed labour rates with the time taken to perform the service (hours proposed) remaining the same.

These proposed alternative fees have been misinterpreted and have excluded a number of fees from Ausgrid’s initial proposal. See *Figure 3* for the fees associated with ASP inspection services.

AER Service Group	Service		Proposed rates and hours		15/16	16/17	17/18	18/19
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
		Underground commercial and industrial or rural subdivisions (vacant lots - no development)		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	0.5 @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			

Figure 3: ASP Inspection Services – excerpt of Table 8 from Attachment 8.22 – Ancillary Network Services Proposal of Ausgrid's initial proposal.

In summary, shown in Figure 3, for Inspection of Service Work by Level 1 ASPs:

1. "Underground urban residential subdivision (vacant lots)" – fees depend upon the ASP grade and the number of lots;
2. "Rural overhead subdivisions and rural extensions" fees also depend upon ASP grade and the number of lots; and
3. "Underground commercial and industrial or rural subdivisions (vacant lots – no development)" Fees depend upon ASP grade and the number of lots.

In this revised proposal, the updated cost escalators result in the proposed ASP Inspection service fees shown in Table A-3 of Appendix 1.

Ancillary Network Service 03 - Re-inspection Services and 04 - Substation Commissioning

The AER has rejected Ausgrid's proposed Re-inspection Services and Substation Commissioning fees. Alternative fees have been nominated using the AER's proposed labour rates with the time taken to perform the service (hours proposed) remaining the same.

Ausgrid support our initial proposal where we have employed top down and bottom up modelling approaches, based on historical costs. The first point of note is that the AER have rejected Ausgrid's labour rates and replaced them with figures provided by Marsden Jacob.

There is a significant reduction in the proposed labour rates which significantly varies all the proposed design service fees.

In this revised proposal, the updated cost escalators result in the proposed Re-inspection and Substation Commissioning service fees shown in Table A-3 of Appendix 1.

Ancillary Network Service 05 - Access Permits

The AER has rejected Ausgrid's proposed Access Permits fees. Alternative fees have been nominated using the AER's proposed labour rates with the time taken to perform the service (hours proposed) remaining the same.

Access permits "general" has the correct fee proposed of $2118.81, however it is not an hourly rate as indicated in Table 166-25 of the AER's Draft Determination: it is to be a fee based service. Only the "complex" access permit service is to be a quoted service (hourly rate).

In this revised proposal, the updated cost escalators result in the proposed Access Permit service fees shown in Table A-3 of Appendix 1.

Ancillary Network Service 06 - Clearance to Work

The AER has rejected Ausgrid's proposed Clearance to Work fees. Alternative fees have been nominated using the AER's proposed labour rates with the time taken to perform the service (hours proposed) remaining the same.

The "Clearance to work" proposed service fee was incorrect: the AER listed Ausgrid's proposed price as $999.02 where it should have been $1123.94 as per the corresponding model and Ausgrid's initial submission Attachment 8.22 – Ancillary Network Services Proposal, Table 8 - 2014/15 Indicative Ancillary Network Services Prices for Connection related services (excluding GST).

In this revised proposal, the updated cost escalators result in the proposed Clearance to Work service fee shown in Table A-3 of Appendix 1.

Ancillary Network Services 07 - Access Standby, 08 - Notification of Arrangements, 09 - Authorisation Fees, 10 - Administration Fees, 11 - Conveyancing Information, 13 - Customer Interface, 14 - Preliminary Enquiry and 15 - Connection Offer

The AER has rejected Ausgrid's proposed fees 7 through to 15 listed above. Alternative fees have been substituted using the AER's proposed labour rates with the time taken to perform the service (hours proposed) remaining the same.

Ausgrid maintains our initial proposal where we have employed top down and bottom up modelling approaches, based on historical costs. The first point of note is that the AER have rejected Ausgrid's labour rates and replaced these with figures provided by Marsden Jacob.

There is a significant reduction in the proposed labour rates which significantly varies all the proposed service fees.

In this revised proposal, the updated cost escalators result in the proposed service fees shown in Table A-3 of Appendix 1.

Ancillary Network Service 19 - Rectification Works

The AER has rejected Ausgrid's proposed Rectification Works fees. Alternative fees have been nominated using the AER's proposed labour rates with the time taken to perform the service (hours proposed) remaining the same.

Rectification works have the correct fees associated with the services, however the naming of the services should read as shown below in *Figure 4* and not as they appear in the draft decision Table 166-25.

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

Figure 4: Rectification works – excerpt of Table 8 from Attachment 8.22 – Ancillary Network Services Proposal of Ausgrid's initial proposal.

In this revised proposal, the updated cost escalators result in the proposed Rectification Work service fees shown in Table A-3 of Appendix 1.

Ancillary Network Service 20 - Connection Relocation, 21 - Temporary Power Supply, 22 - Planning Studies, 23 - Property deeds of agreement, 24 - ASP Investigations

The AER has rejected Ausgrid's proposed fees 20 through to 24 listed above. Alternative fees have been nominated using the AER's proposed labour rates with the time taken to perform the service (hours proposed) remaining the same.

Ausgrid support our initial proposal where we have employed top down and bottom up modelling approaches, based on historical costs. The first point of note is that the AER have rejected Ausgrid's labour rates and replaced them with figures provided by Marsden Jacob.

There is a significant reduction in the proposed labour rates which significantly varies all the proposed service fees.

In this revised proposal, the updated cost escalators result in the proposed service fees shown in Table A-3 of Appendix 1.

5 Control Mechanism

Ausgrid accepts the AER's approach to the control mechanism to apply a cap on prices for fee-based services, but we also contend that X-factors should apply to the rates for quoted services.

Ausgrid seeks to clarify that individual caps should apply to individual fees as opposed to a single cap applying to all fees. A single cap accounts only for labour cost escalation (as given in Table 166-3 of the AER Draft Determination). Whilst we acknowledge that the majority of services are driven wholly by the labour cost, there are services that depend on other cost escalators such as materials and contracted services, hence the need for the individual caps for individual services to ensure correct cost reflectivity. This is important in order to avoid the under-recovery of costs and to prevent cross-subsidisation reoccuring with SCS as described in section 1, where CPI only was applied to prices set by IPART for over 10 years.

Table A-4 (for meter-related ANS) and Table A-5 (for connection-related ANS) in Appendix 1show the individual fees and their constituent cost drivers (e.g. labour, materials) and the relevant weightings. The X-factor for each of these individual fees (from which the individual price cap should be derived) will be calculated by relevant weightings to each cost component. For example, the X-factor for 'Network tariff change request (NEW)' will be calculated using 55% of the relevant internal labour escalation index and 45% of the relevant contracted services escalation index as shown in Table A-4. This X-factor will then be used to derive the price cap for this particular service (i.e. the fee).

Furthermore, a cap for each component of the quoted service (i.e. separately for internal labour, materials, contracted services etc.) to FY19 should be provided in the final determination by the AER. This clarification is driven by differences in the calculation of individual fees and charges.

We confirm that the control formulae should include an adjustment factor A but should be set to zero.

As per the clarification given above, Ausgrid confirms that the price cap should be calculated as follows:

$$\overline{p}_i^t \geq p_i^t \qquad \text{i=1,...,n and t=1,2,3,4}$$

$$\overline{p}_i^t = \overline{p}_i^{t-1}(1+CPI_t)(1-X_i^t)+A_i^t$$

Where:

$\overline{p}_i^t$ is the cap on the price of service i in year t.

p_i^t is the price of service i in year *t*.

i applies to each service

CPI_t is the percentage increase in the consumer price index.

X_i^t is the X-Factor for each service

Ausgrid does not accept the calculation of CPI given in the draft decision by the AER. Ausgrid contends that CPI should be calculated in the same way CPI for Distribution SCS revenue is calculated, that is, based on four quarters of the year and not only the December quarter. See Attachment 9-01 Ausgrid's Response to AER Attachment 14 Control Mechanisms for standard Control Services.

Appendix 1 Revised ANS Fees and Prices

Table A-1: Indicative Ancillary Network Services Price List for Metering 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 the revised 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	54.18	56.31	58.65	60.98
Ancillary Metering Services	a - Special Meter Reading	Fee-based	10.08	10.47	10.88	11.30
	b - Meter Test	Fee-based	568.49	593.06	620.37	647.42
	c - Franchise (CT) Meter Install (NEW)	Quoted	324.24	337.00	351.02	364.98
	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	14.43	15.01	15.64	16.28
	f - Emergency Maintenance of Failed Metering Equipment not owned by DNSP (NEW)	Fee-based	163.54	169.98	177.05	184.09
Off Peak conversion	Off Peak conversion	Fee-based	205.45	213.54	222.42	231.27
Reconnections/ Disconnections	a - Disconnection - Site Visit	Fee-based	43.89	45.60	47.44	49.30
	b - Disconnection/Reconnection - Disconnection Completed	Fee-based	143.44	149.06	155.20	161.33
	c - Disconnection/Reconnection - Technical Disconnect	Fee-based	241.11	250.60	261.03	271.40
	d - Disconnection/Reconnection - Pillar/Pole - Disconnection Complete	Fee-based	767.24	797.44	830.61	863.64
	e - Disconnection/Reconnection - Pillar/Pole - Site Visit	Fee-based	319.82	332.41	346.24	360.00
	f - Reconnection outside of business hours	Fee-based	98.77	102.66	106.93	111.18
Network Tariff change request	Network tariff change request (NEW)	Fee-based	48.48	50.39	52.49	54.57
Move in move out meter reads	Move in, Move out meter reads (NEW)	Fee-based	10.18	10.59	11.01	11.43
Recovery of debt collection costs – dishonoured transactions	Recovery of debt collection costs – dishonoured transactions (NEW)	Fee-based	25.06	25.79	26.54	27.31
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	77.88	80.94	84.31	87.66
Vacant Property reconnect/disconnect	a - Vacant property reconnect/disconnect (NEW)	Fee-based	140.75	146.26	152.27	158.29
	b - Vacant property reconnect/disconnect. (site visit only) (NEW)	Fee-based	35.98	37.37	38.85	40.36

Table A-2: Indicative 2015/16 – 2018/19 Ancillary Network Services Labour rates for connection-related Ancillary Network Services ($ nominal, excluding GST), including overheads and on-costs

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

Ausgrid proposed labour rates ($ per hour)				
Labour Group	**15/16**	**16/17**	**17/18**	**18/19**
Admin R1	$ 135.10	$ 140.41	$ 146.25	$ 152.07
Technical Specialist R2	$ 178.78	$ 185.81	$ 193.54	$ 201.24
Engineer/Senior Engineering Officer R3	$ 172.08	$ 178.85	$186.30	$ 193.70
Field Worker (R4) (NEW)	$ 136.89	$ 142.27	$ 148.19	$ 154.08
Senior Engineer R5 (NEW)	$ 239.09	$ 248.50	$ 258.84	$ 269.13

Table A-3: 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 the revised 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	$536.34	$557.44	$580.63	$603.72
			6 to 10 lots	4 hrs @ R2	$715.12	$743.26	$774.18	$804.96
			11 - 40 lots	7 hrs @ R2	$1,251.44	$1,300.69	$1,354.80	$1,408.67
			Over 40 lots	9 hrs @ R2	$1,609.00	$1,672.31	$1,741.89	$1,811.15
		Rural overhead subdivisions and rural extensions		R2 p.h.	See Table A-2			
		Underground commercial and industrial or rural subdivisions (vacant lots - no development)		R2 p.h.	See Table A-2			
		Commercial and industrial developments		R2 p.h.	See Table A-2			
		Asset relocation or street lighting		R2, R3 (or R5 p.h for Major Connections)	See Table A-2			
		URD including Kiosk/HVC/PT (NEW)		3.75 hr @ R2 in addition to charge per lot	$670.41	$696.79	$725.78	$754.64
		Chambers, Multi Kiosk, CBD Chambers (NEW)		R2 p.h	See Table A-2			
	Design certification	Underground urban residential subdivision (vacant lots)	Up to 5 lots	2 hrs @ R2	$357.56	$371.63	$387.09	$402.48
			6 to 10 lots	3 hrs @ R2	$536.34	$557.44	$580.63	$603.72
			11 - 40 lots	5 hrs @ R2	$893.88	$929.06	$967.71	$1,006.19
			Over 40 lots	6 hrs @ R2	$1,072.66	$1,114.87	$1,161.26	$1,207.43
		Rural overhead subdivisions and rural extensions	1 - 5 poles	2 hrs @ R2	$357.56	$371.63	$387.09	$402.48
			6 -10 poles	3 hrs @ R2	$536.34	$557.44	$580.63	$603.72

AER Service Group	Service			Proposed rates and hours		15/16	16/17	17/18	18/19
			11 or more poles	5 hrs @ R2		$893.88	$929.06	$967.71	$1,006.19
		Underground commercial and industrial or rural subdivisions (vacant lots - no development)	Up to 10 lots	3 hrs @ R2		$ 536.34	$557.44	$580.63	$603.72
			11- 40 lots	4 hrs @ R2		$715.12	$743.26	$774.18	$804.96
			Over 40 lots	6 hrs @ R2		$1,072.66	$1,114.87	$1,161.26	$1,207.43
		Commercial and industrial developments		R3 p.h.		See Table A-2			
		Asset relocation or street lighting		R2 p.h. or R3 p.h		See Table A-2			
		Kiosk/HVC/PT (NEW)		6 hrs @ R2 in addition to charge per lot		$1,072.66	$1,114.87	$1,161.26	$1,207.43
		Chambers, Multi Kiosk, CBD Chambers (NEW)		R2 p.h		See Table A-2			
	Design rechecking	Underground urban residential subdivision (vacant lots)		R2 p.h.		See Table A-2			
		Rural overhead subdivisions and rural extensions		R2 p.h.		See Table A-2			
		Underground commercial and industrial or rural subdivisions (vacant lots - no development)		R2 p.h.		See Table A-2			
		Commercial and industrial developments		R3 (or R5 p.h for Major Connection)		See Table A-2			
		Asset relocation or street lighting		R3 (or R5 p.h for Major Connection)		See Table A-2			
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	$89.39	$92.91	$96.77	$100.62
				B	1.2 @ R2	$214.53	$222.98	$232.25	$241.49
				C	2.5 @ R2	$446.95	$464.53	$483.86	$503.10
			Next 40 lots:	A	0.3 @ R2	$53.63	$55.74	$58.06	$60.37
				B	0.7 @ R2	$125.15	$130.07	$135.48	$140.87

AER Service Group	Service			Proposed rates and hours		15/16	16/17	17/18	18/19
				C	1.5 @ R2	$268.17	$278.72	$290.32	$301.86
			Remainder:	A	0.1 @ R2	$17.88	$18.58	$19.35	$20.12
				B	0.4 @ R2	$71.51	$74.33	$77.42	$80.50
				C	0.7 @ R2	$125.15	$130.07	$135.48	$140.87
			plus 0.5hr @ R2 fee (travel time)			$91.32	$95.59	$89.39	$92.91
		Rural overhead subdivisions and rural extensions		ASP Grade:	hrs/lot				
			1-5 poles	A	0.6 @ R2	$107.27	$111.49	$116.13	$120.74
				B	1.2 @ R2	$214.53	$222.98	$232.25	$241.49
				C	2.2 @ R2	$393.31	$408.79	$425.80	$442.73
			6-10 poles	A	0.5 @ R3	$89.39	$92.91	$96.77	$100.62
				B	1.0 @ R3	$178.78	$185.81	$193.54	$201.24
				C	2.0 @ R3	$357.56	$371.63	$387.09	$402.48
			11+ poles	A	0.4 @ R4	$71.51	$74.33	$77.42	$80.50
				B	0.7 @ R4	$125.15	$130.07	$135.48	$140.87
				C	1.5 @ R4	$268.17	$278.72	$290.32	$301.86
			plus 0.5hr @ R2 fee (travel time)			$91.32	$95.59	$89.39	$92.91
		Underground commercial and industrial or rural subdivisions (vacant lots - no development)		ASP Grade:	hrs/lot				
			First 10 lots:	A	0.5 @R2	$89.39	$92.91	$96.77	$100.62

AER Service Group	Service				Proposed rates and hours		15/16	16/17	17/18	18/19
					B	1.2 @ R2	$214.53	$222.98	$232.25	$241.49
					C	2.5 @ R2	$446.95	$464.53	$483.86	$503.10
				Next 40 lots:	A	0.5 @R2	$89.39	$92.91	$96.77	$100.62
					B	1.2 @ R2	$214.53	$222.98	$232.25	$241.49
					C	2.5 @ R2	$446.95	$464.53	$483.86	$503.10
				Remainder:	A	0.5 @R2	$89.39	$92.91	$96.77	$100.62
					B	1.2 @ R2	$214.53	$222.98	$232.25	$241.49
					C	2.5 @ R2	$446.95	$464.53	$483.86	$503.10
				plus 0.5hr @ R2 fee (travel time)			$89.39	$92.91	$96.77	$100.62
		HV or LV UG Joint, ABS/enclosed switch (NEW)			3hrs @ R2 (in addition to per lot charge)		$536.33	$557.44	$580.63	$603.72
		Decommission substation (NEW)			8hrs @ R2 (in addition to per lot charge)		$1,430.22	$1,486.50	$1,548.35	$1609.91
		Substations (Kiosk/PT) or HV Sw cubicle (NEW)			7hrs @ R2 (in addition to per lot charge)		$1,251.44	$1,300.69	$1,354.80	$1408.67
		Commercial and industrial developments			R2 or R3 p.h. (or R5 p.h for Major connections)		See Table A-2			
		Asset relocation or street lighting			R2 or R3 p.h. (or R5 p.h for Major connections)		See Table A-2			
	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		$42.71	$44.39	$46.24	$48.08
				B Grade:	1 @ R2/5 + 0.25 R2		$69.52	$72.26	$75.27	$78.26
				C Grade:	1 @ R2 + 0.25 R2		$212.55	$220.91	$230.10	$239.25
	Re-inspection of L1 & L2	L1 - network construction L2 -NOSW			R2 or R3 p.h. (or R5 p.h for Major connections)		See Table A-2			

AER Service Group	Service		Proposed rates and hours	15/16	16/17	17/18	18/19
Reinspection of installation work in relation to customer assets	Re-inspection	Installation (CoCEW)	R2 p.h.	See Table A-2			
Contestable Substation Commissioning	Underground urban residential subdivision (vacant lots)		7.5 @ R2 + 5.5 @ R4	$2,093.70	$2,176.09	$2,266.62	$2,356.74
	Rural overhead subdivisions and rural extensions		6.5 @ R2 + 1 @ R4	$1,298.94	$1,350.05	$1,406.22	$1,462.13
	Underground commercial and industrial or rural subdivisions (vacant lots - no development		12 @ R2 + 0.5 @ R3 + 4.5 @ R4	$2,847.36	$2,959.41	$3,082.53	$3,205.10
	Commercial and industrial developments		R2 p.h	See Table A-2			
	Asset relocation or street lighting		R2 p.h	See Table A-2			
	Complex & Chamber substations (NEW)		R2 p.h	See Table A-2			
Access Permits	Underground urban residential subdivision (vacant lots)		9 @ R2 + 4 @ R4	$2,156.54	$2,241.40	$2,334.66	$2,427.48
	Rural overhead subdivisions and rural extensions		9 @ R2 + 4 @ R4	$2,156.54	$2,241.40	$2,334.66	$2,427.48
	Underground commercial and industrial or rural subdivisions (vacant lots - no development		9 @ R2 + 4 @ R4	$2,156.54	$2,241.40	$2,334.66	$2,427.48
	Commercial and industrial developments		9 @ R2 + 4 @ R4	$2,156.54	$2,241.40	$2,334.66	$2,427.48
	Asset relocation or street lighting		9 @ R2 + 4 @ R4	$2,156.54	$2,241.40	$2,334.66	$ 2,427.48
	Complex & Chamber substations (NEW)		R2 p.h	See Table A-2			
Clearance to work	Clearance to work		6.5 hrs @ R2	$1,162.06	$1,207.79	$1,258.04	$1,308.05
Access (standby person)	Access (standby person)		R4 p.h	See Table A-2			
Notices of arrangement	Level 1 ASP		3.77 hrs @ R1 per NoA	$508.72	$528.74	$550.74	$572.64
Authorisation of ASPs	Level 1 ASP		0.5 @ R1 + 2 @ R2 + 1 @ R5	$664.19	$690.33	$719.05	$747.64
	Level 2 ASP		1hr @ R1 + 2hr @ R2	$492.65	$512.04	$533.34	$554.55

AER Service Group	Service		Proposed rates and hours	15/16	16/17	17/18	18/19
Administration services relating to work performed by ASPs including processing work	Underground urban residential subdivision (vacant lots)	Up to 5 lots	4 hrs @ R1	$540.38	$561.64	$585.01	$608.27
		6 - 10 lots	5 hrs @ R1	$675.48	$702.07	$731.27	$760.35
		11 - 40 lots	7 hrs @ R1	$945.67	$982.89	$1,023.78	$1,064.49
		Over 40 lots	8 hrs @ R1	$1,080.77	$1,123.30	$1,170.03	$1,216.55
	Rural overhead subdivisions and rural extensions	Up to 5 poles:	4 hrs @ R1	$540.38	$561.64	$585.01	$608.27
		6-10 poles:	5 hrs @ R1	$675.48	$702.07	$731.27	$760.35
		11 or more poles	9 hrs @ R1	$1,215.86	$1,263.71	$1,316.28	$1,368.62
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)		R1 p.h	See Table A-2			
	Commercial and industrial developments		R1 p.h	See Table A-2			
	Asset relocation or street lighting		R1 p.h	See Table A-2			
	Subdivision involving substation/s (NEW)		1.2 hrs @ R1	$162.11	$168.49	$175.50	$182.48
	Additional services required by ASP/Applicant e.g. Guarantee of revenue, clarification meetings, variations to contract, reinspections etc. (NEW)		R1 p.h.	See Table A-2			
Supply of conveyancing information	Desk enquiry		10min @ R1 + 5min @ R3	$36.86	$38.31	$39.90	$41.49
	Field Visit		10min @ R1 + 1hr 35min @ R3	$294.98	$306.59	$319.34	$332.04
Customer interface coordination for contestable works (NEW)			Weighted average 25% R3 & 75 % R5	$222.34	$231.09	$240.71	$250.28
Preliminary enquiry service (NEW)			Weighted average 20% R3 & 80% R5	$225.69	$234.58	$244.34	$254.05
Connection offer service	Basic 100A Connections NOT requiring a load slip (NEW)		5 mins @ R1	$11.26	$11.70	$12.19	$12.68

AER Service Group	Service	Proposed rates and hours	15/16	16/17	17/18	18/19
(basic or standard)	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	$205.86	$213.96	$222.86	$231.72
	Standard Off-Site or On-Site Augmentation Work (NEW)	0.25hr @ R1 + 1hr @ R3	$205.86	$213.96	$222.86	$231.72
	Standard Offer ASP1 Connections (NEW)	1.45 hrs @ R3	$249.52	$259.34	$270.13	$280.87
	Standard Embedded Generation >5MVA capacity (NEW)	R5 p.h	See Table A-2			
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	$136.89	$142.28	$148.20	$154.09
	c. Fitting of Tiger tails	R4 + rental charge for tiger tails	$136.89	$142.28	$148.20	$154.09
	d. High load escorts (NEW)	Weighted average 25% R2 & 75% R4	$147.36	$153.16	$159.53	$165.88
Connection / relocation process facilitation (NEW)		Weighted average 20% R3 & 80% R5	$230.56	$225.69	$234.58	$244.34
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
Carrying out planning studies and analysis relation to distribution (including sub-transmission and dual-function assets) connection applications		R5 p.h	See Table A-2			
Services involved in obtaining deeds of agreement in relation to property rights associated with contestable connection works		R5 p.h + Legal costs	See Table A-2			
Investigate, review & implementation of remedial actions associated with ASP's connection works		R5 p.h	See Table A-2			

Table A-4: Metering Related Ancillary Network Services – Percentage of services by cost type for X-factor calculation, FY15 to FY19

AER Service Group	Services	Pricing Mechanism	Cost Type Proportions			
			Internal Labour (LEGW)	Contracted Services (CS)	Labour Hire (LH)	Materials/Other (MO)
Site establishing fee services	Site establishment	Fee-based	100%	0%	0%	0%
Ancillary Metering Services	a - Special Meter Reading	Fee-based	55%	45%	0%	0%
	b - Meter Test	Fee-based	100%	0%	0%	0%
	c - Franchise (CT) Meter Install (NEW)	Quoted	100%	0%	0%	0%
	d - Replace/Remove T5/6 Meter (NEW)	n/a	100%	0%	0%	0%
	e - Type 5-7 non-standard Meter Data Services (NEW)	Fee-based	100%	0%	0%	0%
	f - Emergency Maintenance of Failed Metering Equipment not owned by DNSP (NEW)	Fee-based	100%	0%	0%	0%
Off Peak conversion	Off Peak conversion	Fee-based	100%	0%	0%	0%
Reconnections/ Disconnections	a - Disconnection – Site Visit	Fee-based	57%	43%	0%	0%
	b - Disconnection/Reconnection – Disconnection Completed	Fee-based	70%	30%	0%	0%
	c - Disconnection/Reconnection – Technical Disconnect	Fee-based	100%	0%	0%	0%
	d - Disconnection/Reconnection - Pillar/Pole – Disconnection Complete	Fee-based	100%	0%	0%	0%
	e - Disconnection/Reconnection - Pillar/Pole – Site Visit	Fee-based	100%	0%	0%	0%
	f - Reconnection outside of business hours	Fee-based	100%	0%	0%	0%
Network Tariff change request	Network tariff change request (NEW)	Fee-based	100%	0%	0%	0%
Move in move out meter reads	Move in, Move out meter reads (NEW)	Fee-based	55%	45%	0%	0%
Recovery of debt collection costs – dishonoured transactions	Recovery of debt collection costs – dishonoured transactions(NEW)	Fee-based	27%	0%	0%	73%
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	100%	0%	0%	0%
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	100%	0%	0%	0%
Vacant Property reconnect/disconnect	a - Vacant property reconnect/disconnect (NEW)	Fee-based	64%	36%	0%	0%
	b - Vacant property reconnect/disconnect. (site visit only) (NEW)	Fee-based	57%	43%	0%	0%

Table A-5: Connection Related Ancillary Network Services – Percentage of services by cost type for X-factor calculation, FY15 to FY19

AER Service Group	Service	Cost Type Proportions			
		Internal Labour (LEGW)	Contracted Services (CS)	Labour Hire (LH)	Materials/Other (MO)
Design related services	Design information	100%	0%	0%	0%
	Design certification	100%	0%	0%	0%
	Design rechecking	100%	0%	0%	0%
ASP inspection services	Inspection of service work by Level 1 ASPs	100%	0%	0%	0%
	Inspection of service work (by Level 2 ASPs)	100%	0%	0%	0%
	Re-inspection of L1 & L2	100%	0%	0%	0%
Reinspection of installation work in relation to customer assets	Re-inspection	100%	0%	0%	0%
Contestable Substation Commissioning	Underground urban residential subdivision (vacant lots)	100%	0%	0%	0%
	Rural overhead subdivisions and rural extensions				
	Underground commercial and industrial or rural subdivisions (vacant lots - no development				
	Commercial and industrial developments				
	Asset relocation or street lighting				
	Complex & Chamber substations (NEW)				
Access Permits	Underground urban residential subdivision (vacant lots)	100%	0%	0%	0%
	Rural overhead subdivisions and rural extensions				
	Underground commercial and industrial or rural subdivisions (vacant lots - no development				
	Commercial and industrial developments				

AER Service Group	Service	Cost Type Proportions			
		Internal Labour (LEGW)	Contracted Services (CS)	Labour Hire (LH)	Materials/Other (MO)
	Asset relocation or street lighting				
	Complex & Chamber substations (NEW)				
Clearance to work	Clearance to work	100%	0%	0%	0%
Access (standby person)	Access (standby person)	100%	0%	0%	0%
Notices of arrangement	Level 1 ASP	100%	0%	0%	0%
Authorisation of ASPs	Level 1 ASP	100%	0%	0%	0%
	Level 2 ASP				
Administration services relating to work performed by ASPs including processing work	Underground urban residential subdivision (vacant lots)	100%	0%	0%	0%
	Rural overhead subdivisions and rural extensions				
	Underground commercial and industrial or rural subdivisions (vacant lots - no development)				
	Commercial and industrial developments				
	Asset relocation or street lighting				
	Subdivision involving substation/s (NEW)				
	Additional services required by ASP/Applicant e.g. Guarantee of revenue, clarification meetings, variations to contract, reinspections etc. (NEW)				
Supply of conveyancing information	Desk enquiry	100%	0%	0%	0%
	Field Visit				
Customer interface coordination for contestable works (NEW)		100%	0%	0%	0%

AER Service Group	Service	Cost Type Proportions			
		Internal Labour (LEGW)	Contracted Services (CS)	Labour Hire (LH)	Materials/Other (MO)
Preliminary enquiry service (NEW)		100%	0%	0%	0%
Connection offer service (basic or standard)	Basic 100A Connections NOT requiring a load slip (NEW)	100%	0%	0%	0%
	Basic 100A Connections requiring a load slip or Basic Micro EG Connections >5kW or Over 100A Connection Offer (new or existing site) (NEW)				
	Standard Off-Site or On-Site Augmentation Work (NEW)				
	Standard Offer ASP1 Connections (NEW)				
	Standard Embedded Generation >5MVA capacity (NEW)				
Rectification works	a. Rectification of illegal connections	100%	0%	0%	0%
	b. Provision of service crew/additional crew (NEW)				
	c. Fitting of Tiger tails				
	d. High load escorts (NEW)				
Connection / relocation process facilitation (NEW)		100%	0%	0%	0%
Services to supply and connect temporary supply to one or more customers	Install & remove HV LL Links (NEW)	71%	0%	0%	29%
	Break & remake HV bonds (NEW)	95%	0%	0%	5%
	Break & remake LV bonds (NEW)	93%	0%	0%	7%
	Connect & disconnect MG to OH mains (NEW)	92%	0%	0%	8%
	Connect & disconnect MG to LV board in Kiosk (NEW)	98%	0%	0%	2%
Carrying out planning studies and analysis relation to distribution (including sub-transmission and dual-function assets) connection applications		100%	0%	0%	0%
Services involved in obtaining deeds of agreement in relation to property rights associated with contestable connection works		100% (to apply to internal labour charge per hour)	100% (to apply to legal services)	0%	0%
Investigate, review & implementation of remedial actions associated with ASP's connection works		100%	0%	0%	0%

Appendix 2 List of Attachments and Related Documents

This document should be read in conjunction with Ausgrid's initial proposal submitted to the AER in May 2014, and also consider initially proposed service fee models.

Document Title	Reference Location
Ausgrid - Regulatory Proposal – May 2014	www.aer.gov.au/node/11483
Ausgrid - 8.22 - Ancillary network services proposal - 2014	www.aer.gov.au/node/11483
Ausgrid - 8.23 - Metering related ANS models - 2014	www.aer.gov.au/node/11483
Ausgrid - 8.24 - Connection related ANS models - 2014	www.aer.gov.au/node/11483

The service spreadsheet models are listed below and form part of two Attachments to the revised proposal; Attachment 8.09 *Ancillary Network Services models - metering.zip* and Attachment 8.10 *Ancillary Network Services models - network services.zip*.

Files contained in Attachment 8.09 *Ancillary Network Services models - metering.zip*

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.xsls)
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 8.10 *Ancillary Network Services models - network services.zip*.

Service	Worksheet Name
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 AND 02b_ASP_L2_Inspections.xlsx
ASP inspection services – Inspection and reinspection of service work by Level 2 ASPS	
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_Rectfication_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