

# ATTACHMENT E – INDICATIVE PRICE LIST FOR ANCILLARY NETWORK SERVICES

## 1.0 PRICE SCHEDULE FOR MISCELLANEOUS SERVICES - EFFECTIVE 1 JULY 2014

Miscellaneous services are 'non-routine' services related to the distribution of electricity such as meter test, special meter reading and disconnection visit and will be charged for at the AER determined rates in the table below.

*Table 1-1: Charges for miscellaneous services*

Product Code	Miscellaneous service	\$
SRMBH	Special meter reading business hours	45.10
SRTFBH	Special meter reading for transfer business hours	45.10
SRMBH	Special meter reading wasted visit	45.10
MTBH	Meter test business hours	74.83
MIBH	Meter inspect business hours	74.83
SCID	Supply of conveyancing information desk inquiry	37.93
SCIF	Supply of conveyancing information field visit	74.83
OPCBH	Off-peak conversion business hours	60.48
SVDNPBH	Disconnection site visit (only) business hours payment received	45.10
DMBH	Disconnection/de-energisation at meter box	90.20
DNPM	Disconnection/de-energisation at meter box no payment	90.20
DPPBM	Disconnection/de-energisation at pole top/pillar box	151.70
RICBH	Rectification of illegal connection business hours	226.53
RICAH	Rectification of illegal connection outside business hours	226.53
RMAH	Reconnection outside business hours	97.38
RPAH	Reconnection pole top/pillar box outside business hours	97.38
CWBH	Chargeable contestable works	Variable

*Charges are exclusive of GST*

*Table 1-2: Services attracting no charge*

Product Code	Miscellaneous service	\$
RMBH	Reconnection business hours	0
RPBH	Reconnection pole/pillar box business hours	0
NOCHAR	Other no charge service	0

## 2.0 CHARGES FOR EMERGENCY RECOVERABLE WORKS

Emergency recoverable works are defined by AER as emergency work undertaken by a DNSP to repair damage to the distribution system where the damage is the consequence of the act or omission of a person, for which that person is liable to another (which may include the DNSP) for that damage.

For example, emergency work undertaken by Essential Energy to repair damage to Essential Energy's distribution system resulting from a motor vehicle collision where the driver was negligent.

The charge that a DNSP may levy for emergency recoverable works must not exceed the sum of the following:

- 110 per cent of the costs (other than labour costs) actually incurred in providing the emergency recoverable works; and
- The cost of labour actually used to undertake the emergency recoverable works determined by applying 150 per cent of the R2 labour rate for that labour.

The charges apply irrespective of whether the works are provided on a working day or the time of day at which they are provided.

### 3.0 CHARGES FOR MONOPOLY SERVICES

Monopoly services are services performed by Essential Energy to facilitate contestable works such as design certification, inspection of works and provision of access permits. These services are required to ensure an appropriate level of reliability, quality of supply and safety is maintained in operation of the network, and are charged for at the AER determined rates in the tables below.

*Table 3-1: Applicable Labour Rates*

Labour Class	Hourly rate	Overtime hourly rate*
Admin R1	\$65.60	\$114.80
Design R2a	\$82.00	\$143.50
Inspector R2b	\$82.00	\$143.50
Engineer R3	\$98.40	\$172.20

*Charges are exclusive of GST*

A DNSP may impose an overtime hourly rate for services provided outside the hours of 7.30am and 4pm on a working day.

Travel time permitted for work associated with level 1 work is 60 minutes at the R2 labour rate.

**SCHEDULE FOR CHARGES FOR MONOPOLY SERVICES EFFECTIVE 1 JULY 2014**

Monopoly service	Underground urban residential subdivision (Vacant lots)				Rural overhead subdivisions and rural extensions				Underground commercial and industrial or rural subdivisions (vacant lots – no development)				Commercial and industrial developments	Asset relation or streetlighting
Design information	Up to 5 lots	\$162.98			R2 per hour				R2 per hour				R2 per hour	R2 or R3 per hour (see para 1.4.2)
	6 to 10 lots	\$244.98												
	11 to 40 lots	\$407.95												
	Over 40 lots	\$489.95												
Design certification	Up to 5 lots	\$82.00			Up to 5 poles	\$82.00			Up to 10 lots	\$162.98			R3 per hour	R2 or R3 per hour (see para 1.4.2)
	6 to 10 lots	\$162.98			6 to 10 poles	\$162.98			11 to 40 lots	\$244.98				
	11 to 40 lots	\$244.98			11 or more poles	\$244.98			Over 40 lots	\$489.95				
	Over 40 lots	\$325.95												
Design rechecking	R2 per hour				R2 per hour				R2 per hour				R3 per hour	R2 or R3 per hour (see para 1.4.2)
Inspection of service work (level 1 work)	Grade	A per lot	B per lot	C per lot	Grade	A per pole	B per pole	C per pole	Grade	A per lot	B per lot	C per lot	R2 or R3 per hour	R2 or R3 per hour (see para 1.4.2)
	First 10 lots	\$41.00	\$98.40	\$205.00	Up to 5 poles	\$49.20	\$98.40	\$180.40	First 10 lots	\$41.00	\$98.40	\$205.00		
	Next 40 lots	\$24.60	\$57.40	\$123.00	6 to 10 poles	\$41.00	\$82.00	\$162.98	Next 40 lots	\$41.00	\$98.40	\$205.00		
	Remainder	\$8.20	\$32.80	\$57.40	11 or more poles (see para 1.4.2)	\$32.80	\$57.40	\$123.00	Remainder	\$41.00	\$98.40	\$205.00		
Access permit	Residential subdivisions: \$27.67 per lot combined fee				\$1210.52 maximum per access permit				\$1210.52 maximum per access permit				\$1210.52 maximum per access permit	\$1210.52 maximum per access permit
Substation commissioning					\$908.15 per substation (see para 1.4.2)				\$908.15 per substation (see para 1.4.2)				\$908.15 per substation (see para 1.4.2)	\$908.15 per substation (see para 1.4.2)
Administration	Up to 5 lots	\$197.83			Up to 5 poles	\$197.83			R1 per hour (max 6 hours)				R1 per hour (max 6 hours)	R1 per hour
	6 to 10 lots	\$264.45			6 to 10 poles	\$264.45								
	11 to 40 lots	\$330.05			11 or more poles	\$396.68								
	Over 40 lots	\$398.68												
Notice of arrangement	\$197.82													
Re-inspection (level 1 and 2 work)	R2 per hour (maximum 1 hour per level 2 reinspection)													
Re-inspection (service provider)	\$82.00 for the purpose of para 1.2(b), a DNSP may charge a fee that is less than this fee, but not a fee that is more than this fee.													
Access	R1 per hour													
Authorisation	\$162.98													
Inspection of service work (level 2 work)	All service connections: A Grade: \$20.50 per NOSW (NOSW= Notification of service work)				B Grade: \$33.82 per NOSW				C Grade: \$98.40 per NOSW					
Site establishment	\$142.48													

Charges are exclusive of GST

## Explanations and Definitions

### 4.0 Miscellaneous services

#### 4.1 Supply of conveyancing information – desk inquiry

The provision of information regarding the availability of supply, presence of the DNSP's equipment, power lines and like information for property conveyancing purposes undertaken without any physical inspection of a site, other than the provision of information or the answering of inquiries relating to any matter under freedom of information legislation.

#### 4.2 Supply of conveyancing information – field visit

The provision of information regarding the availability of supply, presence of the DNSP's equipment, power lines and like information for property conveyancing purposes undertaken by a physical inspection of a site, other than the provision of information or the answering of inquiries relating to any matter under freedom of information legislation.

#### 4.3 Meter test

The testing of a meter in accordance with clause 6.4 of the Market Operations Rule (*NSW Rules for Electricity Metering*) No. 3 of 2001 (except for metering installation types 1 to 4, the testing of which is an unregulated distribution service).

#### 4.4 Special meter reading

This service:

1. Has the same meaning as the meaning given to the expression 'special meter read' in the Market Operations Rule (*NSW Rules for Electricity Metering*) No. 3 of 2001 (but excludes any special meter reading of metering installation types 1 to 4, which is an unregulated distribution service);  
and applies in each of the following circumstances:
2. Where a customer or a retail supplier requests that the DNSP undertake a special Meter read, (but does not apply where the special meter read was requested solely to verify the accuracy of a scheduled meter read and the special meter read reveals that the scheduled meter read was inaccurate or in error) or
3. Where the DNSP attends at a customer's premises for the sole purpose of discharging the DNSP's obligation to read the customer's meter within the period specified by law (but not where the DNSP merely chooses to read the customer's meter without being under a legal obligation to do so) and on attending the customer's premises the DNSP is unable (through no act or omission of the DNSP), to gain access to the meter or
4. Where the DNSP and the customer agree on an appointed time at which the DNSP may attend the customer's premises to enable the DNSP to discharge the DNSP's legal obligation referred to in section 5.4(3) and when the DNSP attended at the customer's premises at the appointed time the DNSP (through no act or omission of the DNSP), was unable to gain access to the customer's meter.

#### 4.5 Disconnection visit (acceptable payment received)

A site visit to a customer's premises on an occasion for the purpose of disconnecting the customer's supply for breach by the customer of a customer supply contract or a customer connection contract, where the disconnection does not occur on that occasion.

#### 4.6 Disconnection at meter box

A site visit to a customer's premises to:

1. Disconnect the supply of electricity to a customer via either the main switch or service fuse removal for breach by the customer of a customer supply contract or a customer connection contract, or where a retail supplier has requested that the supply to the customer be disconnected and
2. Reconnect the supply following the disconnection in section 4.6(1).

#### 4.7 Disconnection at pole top/pillar box

A site visit to a customer's premises:

To disconnect the supply of electricity to a customer at the pole top or pillar box for breach by the customer of a customer supply contract or a customer connection contract, or where a retailer supplier has requested that the supply to a customer be disconnected, where the customer has denied access to the meter or had prior to the visit, reconnected supply without authorisation by the DNSP following a previous disconnection and

To reconnect the supply, following the disconnection in section 4.7(1).

#### 4.8 Rectification of illegal connection

Work undertaken by a DNSP to the property of the DNSP or to the property of another person in order to:

1. rectify damage or
2. prevent injury to persons or property, resulting from conduct that constitutes an offence under part 6, division 1 of the *Electricity Supply Act 1995 (NSW)*.

#### 4.9 Off-peak conversion

The alteration of the off-peak meter at a customer's premises for the purpose of changing the hours of the meter's operation.

#### 4.10 Reconnection outside normal business hours

1. The provision of the reconnection component of the service described in sections 4.6(2) and 4.7(2) outside the hours of 7.30 am and 4.00 pm on a working day, at the request of a customer or
2. The connection of electricity to a new customer outside the hours of 7.30 am and 4.00 pm on a working day at the request of the customer.

### 5.0 Monopoly services

#### 5.1 Design information

The provision of information by a DNSP to enable an ASP accredited for level 3 work to prepare a design drawing and to submit it for certification.

This may include without limitation:

1. deriving the estimated loading on the system, technically known as the ADMD (after diversity maximum demand). This estimate depends on such factors as the number of customers served and specific features of the customer's demand
2. copying drawings that show existing low and high voltage circuitry geographically and schematically) and adjacent project drawings
3. specifying the preferred sizes for overhead wires (conductors) or underground wires (cables)
4. specifying switchgear configuration type, number of pillars, lights etc
5. determining the special requirements of the DNSP's planning departments necessary to make electrical supply available to a development and cater for future projects
6. any necessary liaison with designers associated with assistance in sourcing design information and developing designs
7. nominating network connection points.

#### 5.2 Design certification

A certification by a DNSP that a design (if implemented) will not compromise the safety or operation of the DNSP's distribution system.

This may include, without limitation:

1. certifying that the design information/project definition have been incorporated in the design
2. certifying that easement requirements and earthing details are shown
3. considering design issues, including checking for over–design and mechanisms to permit work on high voltage systems without disruption to customers’ supply (adequate low voltage parallels)
4. certifying that funding details for components in the scope of works are correct
5. certifying that there are no obvious errors that depart from the DNSP’s design standards and specifications
6. certifying that shared assets are not over-utilised to minimise developer’s connection costs and that all appropriate assets have been included in the design
7. auditing design calculations such as voltage drop calculations, conductor clearance (stringing) calculations etc
8. certifying that a bill of materials has been submitted
9. certifying that an environmental assessment has been submitted by an accredited person and appropriately checked.

### 5.3 Design rechecking

The rechecking of a design submitted under section 5.2, except where the modifications to a design are of a trivial or minor nature.

### 5.4 Inspection of service work (level 1 work)

The inspection by a DNSP of work undertaken by an ASP accredited to perform level 1 work, for the purpose of ensuring the quality of assets to be handed over to the DNSP.

### 5.5 Inspection of service work (level 2 work)

The inspection by a DNSP of work performed by an ASP accredited to perform level 2 work, complying with the condition below.

### 5.6 Condition

The minimum number of inspections required must correspond to the grade of the DNSP in table 5-1 below:

*Table 5-1: Inspection rate*

Grade	Number of inspections
A	1 inspection per 25 jobs
B	1 inspection per 5 jobs
C	Each job to be inspected

### 5.7 Re–inspection of level 1 or level 2 work

The re–inspection by a DNSP of work (other than customer installation work) undertaken by an ASP accredited to perform level 1 or level 2 work, for the reason that on first inspection the work was found not to be satisfactory.

### 5.8 Re–inspection of work of a service provider

The re–inspection by a DNSP of customer installation work undertaken by a service provider for the reason that on first inspection the work was found not to be satisfactory.

### 5.9 Access permit

The provision of a permit by a DNSP to a person authorised by law to work on, or near, a distribution system.

This may include without limitation:

1. researching and documenting the request for access
2. documenting the actual switching process
3. programming the work
4. control room activities

5. fitting and removing of operational earths
6. the actual switching together with any operator's transport costs
7. identification of any customers who will be interrupted
8. low voltage switching and paralleling of substations that permits high voltage work
9. without disrupting supply to other customers.

#### 5.10 Substation commissioning

The commissioning by a DNSP of a new substation, (whether it is a single pole, padmount/kiosk or indoor/chamber) and includes:

1. all necessary pre-commissioning checks and tests prior to energising the substation via the high voltage switchgear and closing the low voltage circuit breaker, links or fuses and
2. the setting or resetting of protection equipment.

#### 5.11 Administration

Work of an administrative nature (not including work of an administrative nature described in section 5.12), involving the processing of level 1 and/or level 3 work where the customer is lawfully required to pay for the level 1 and /or level 3 work.

This may include without limitation:

1. checking supply availability
2. processing applications
3. correspondence from application to completion
4. record-keeping
5. requesting and receiving fees (initially, then prior to design and after certification)
6. receiving design drawings (registering and copying)
7. raising an order for high voltage work
8. calculating high voltage reimbursements
9. calculating the cost of a project and warranty/maintenance bond
10. organising refunds to developers for high voltage work
11. liaising with developers via phone and facsimile
12. updating geographic information systems (GIS) and mapping.

#### 5.12 Notice of arrangement

Work of an administrative nature performed by a DNSP where a local council requires evidence in writing from the DNSP that all necessary arrangements have been made to supply electricity to a development.

This may include without limitation:

1. receiving and checking linen plans and 88B Instruments
2. copying linen plans
3. checking and recording easement details
4. preparing files for conveyancing officers
5. liaising with developers if errors or changes are required
6. checking and receiving duct declarations and any amended linen plans and 88B Instruments approved by a conveyancing officer
7. preparing notifications of arrangement.

### 5.13 Access

The provision of access to switchrooms, substations and the like to an ASP who is accompanied by a member of staff of a DNSP, but does not include the circumstance where an ASP is provided with keys for the purpose of securing access and is not accompanied by a member of staff of the DNSP.

### 5.14 Authorisation

The annual authorisation by a DNSP of individual employees or sub-contractors of an ASP to carry out work on or near the DNSP's distribution system. This may include without limitation:

1. familiarisation and training in the DNSP's safety rules and access permit requirements
2. induction in the unique aspects of the network
3. verification that the applicant has undertaken the necessary safety training (resuscitation etc) within the last 12 months
4. conducting interviews/examinations for access permit recipients
5. issuing authorisation cards.

### 5.15 Site establishment

The issue of a meter by a DNSP and its co-ordination with NEMMCO for the purpose of establishing a NMI in MSATS for new premises or for any existing premises for which NEMMCO requires a new NMI and for checking and updating network load data.

### 5.16 Emergency recoverable works

Emergency work undertaken by a DNSP to repair damage to the distribution system of the DNSP, where the damage is the consequence of the act or omission of a person, for which that person is liable to another (which may include the DNSP) for that damage. For example, emergency work undertaken by a DNSP to repair damage to the DNSP's distribution system resulting from a motor vehicle collision where the driver was negligent.

## 6.0 Definitions and interpretation

### 6.1 Definitions

1. In this document:

**ASP** means an accredited service provider and is a person who has been accredited under Part 10 *Electricity Supply (General) Regulation 2001 (NSW)*

**MSATS** means the market settlement and transfer system operated by NEMMCO

**NMI** means a national metering identifier

**service provider** means a person who may lawfully undertake customer installation work

2. In this document the following expressions have the meaning given to them in the *Electricity Supply Act 1995 (NSW)*:

**electricity supply contract**

**electricity connection contract**

**retail supplier**

3. References to sections are references to sections in this document.

### 6.2 Interpretation of grade or level of accreditation

1. In this document, the reference to a grade or level, means the grade or level for which an ASP is accredited, applying the classification system in table 6-1 below.
2. If the classification system in table 6-1 is amended in future years, the reference in this appendix to a grade or level will be taken to be a reference to the grade or level in the amended classification system that most closely approximates the grade or level in table 6-1.



**Table 6-1: Classification of accreditation**

Accreditation	Type of work	Category
Level 1	Construction of transmission and distribution works, including high and low voltage, overhead and underground reticulation and substations	Underground (UG) Overhead (OH)
Level 2	Service Work: Construction and/or installation of the service line interface between the distribution system and consumer terminals, including metering services.	Disconnection and reconnection Underground (UG) service lines Overhead (OH) service lines Metering and energising new installations Installing contestable metering – under review
Level 3	Design of transmission and distribution works	Underground (UG) Overhead (OH)

## Fees and charges – miscellaneous services, monopoly services and emergency recoverable works

### 7.0 Introduction

The miscellaneous services, monopoly services and emergency recoverable works in this appendix (having the abbreviated descriptions given to them in sections 9,10,11 respectively) have the full meaning given as detailed below:

### 8.0 Levying charges for miscellaneous services, monopoly services and emergency recoverable works

1. The charge that may be levied by a DNSP for the provision of a miscellaneous service described in section 9 or emergency recoverable works specified in section 11, must not be more than (but may be less than) the charge specified or calculated for the miscellaneous service in section 9 or the emergency recoverable work in section 11 respectively.
2. Unless otherwise specified, the charge that is to be levied by a DNSP for the provision of a monopoly service described in section 10, must not be more than or less than the charge specified or calculated for that monopoly service in that section.
3. The charges for miscellaneous services, monopoly services and emergency recoverable works in this appendix are to be levied in accordance with the conditions (if any) specified below and applying to each service and in accordance with the conditions accompanying the respective sections in this document.

### 9.0 Miscellaneous services

Refer to AER miscellaneous services charges table 1-1.

#### 9.1 Conditions relating to charges for miscellaneous services

- a. Disconnection at meter box and pole/top pillar box.

For the avoidance of doubt, if, following a request from a customer, the reconnection component of the services described in section 10 as ‘disconnection at meter box’ and ‘disconnection at pole top/pillar box’ are provided outside the hours of 7.30 am and 4.00 pm on a working day, the charge that the DNSP may levy for the provision of each of those services will be the charge for each service in section 3 plus the charge for the service described as ‘reconnection outside normal business hours’, if applicable.

- b. Meter test.

If the service described as ‘meter test’ is undertaken on premises serviced by more than one meter the following applies:

- a. if the meter test reveals that all of the meters are operating satisfactorily, a DNSP may only levy one charge for the provision of the service as if the meter test were undertaken on a single meter

- b. if the meter test reveals that one or more of the meters are not operating satisfactorily, the DNSP may not levy any charge for the provision of the service.
- c. Special meter reading.

A charge may not be levied for the service described as ‘special meter reading’ in either of the following circumstances:

- a. where the customer is moving or is about to move premises or
- b. where the service reveals that a scheduled meter reading was inaccurate.

- d. Off–peak conversion

A charge for the service described as ‘off–peak conversion’ may only be levied for each occasion that the service is provided in excess of once in any 12 month period.

## 10.0 Monopoly services

Refer to the price schedule section 4 for the AER’s charges for monopoly services

### 10.1 Conditions relating to charges for monopoly services

- a. Inspection

For the service described as ‘inspection’:

- a. in the case of ‘commercial and industrial developments’ and ‘asset relocation or street lighting’, the level of inspection is to be determined by the DNSP prior to performing the service
- b. the grade specified is the grade of the ASP, accredited for that grade iii. in the case of ‘rural overhead subdivisions and rural extensions’, the charge applies to inspections (other than substation poles) and represents the total charge for three separate visits. For substation poles the charge for ASP grade A is \$286; for grade B is \$571 and for grade C is \$721.

- b. Substation commissioning

For the service described as ‘substation commissioning’ (other than in the case of ‘underground urban residential subdivision vacant lots’) the charge specified is to be levied only where it is a single transformer/RMI unit. In all other cases the service is to be charged at the R3 labour rate.

- c. Lots In section 4, where the monopoly service relates to a service connection required for multiple dwelling subdivisions, the per lot fee in that table should be applied per service connection.

- d. Design information/design certification/ design rechecking

For the services described as ‘design information’, ‘design certification’ and ‘design rechecking’, the labour rate (R2 or R3) is to be applied based on the DNSP’s assessment of the level of skill required to perform the service

- e. Travel time

In addition to the charge specified or calculated under section 10, a DNSP must charge for that amount of travel time (permitted for that DNSP in table 10-1 below) associated with the inspection of level 1 work at the R2 labour rate.

**Table 10-1: Travel time**

DNBP	Amount of travel time permitted
Ausgrid	30 minutes
Endeavour Energy	30 minutes
Essential Energy	60 minutes

- f. Overtime

If a monopoly service is provided outside the hours of 7.30 am and 4.00 pm on a working day at the request of an ASP (other than where the DNSP requires that the work be performed outside those hours) the charge that the DNSP may impose for the provision of that service will be an amount up to 175 per cent of the charge for that service in section 10.

g. Labour rates

- a. In section 10 the references to R1, R2 and R3 denote the class of labour which performs the service at the hourly rate corresponding to the class in table 5.
- b. For the purpose of the labour class R2 in the table, the DNSP will determine whether the service is to be provided by an inspector or an engineer at that class, depending on the nature and complexity of the service.

Refer to Table 3-1 for AER labour rates.

## 11.0 Emergency recoverable works

### 11.1 Charges for emergency recoverable works

- a. The charge that a DNSP may levy for emergency recoverable works must not exceed the sum of the following:
  - a. 110 per cent of the costs (other than labour costs) actually incurred in providing the emergency recoverable works and
  - b. the cost of labour actually used to undertake the emergency recoverable works determined by applying 150 per cent of the R2 labour rate for that labour.
- b. For the avoidance of doubt, in the application of section 11.1, where a DNSP retains labour for a specified period for the purpose of that labour undertaking emergency recoverable works, the DNSP may only charge for so much of that specified period during which the labour actually undertakes the emergency recoverable works. For example, if a DNSP retains labour for a minimum specified period of four hours and the time required to actually undertake the emergency recoverable works is only one hour, the DNSP may only charge for the one hour and not the four hours.

### 11.2 Conditions for emergency recoverable works

The charges for emergency recoverable works in section 11.1 apply irrespective of whether the works are provided on a working day or the time of day at which they are provided.