



# NETWORK PRICE LIST 2014/2015

Effective 1 July 2014

## Document Amendment History

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2.0	15 July 2014	Updated Substation and Transformer Prices (Section 5.5.3)

### Disclaimer

Endeavour Energy may change the information in this document without notice. All changes take effect on the date made by Endeavour Energy.

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## 1.0 GENERAL INFORMATION

### 1.1 Introduction

In this document “we”, “us”, “our” and “ours” refers to Endeavour Energy; “you”, “your” and “yours” refers to you, the *customer*.

Words in *italics* are explained in your *customer connection contract*. This contract is available for download from our website at:

[www.endeavourenergy.com.au](http://www.endeavourenergy.com.au)

Alternatively, you can obtain a copy by calling our Customer Interaction Centre (CIC) on 133 718.

### 1.2 Network Price List

Endeavour Energy has compiled this Network Price List to provide you with details of:

- a) a description of charges payable under your *customer connection contract* for services provided or arranged by us;
- b) the pricing options and conditions applicable to various categories of *customers*;
- c) the basis on which we calculate charges for services provided under your *customer connection contract*;
- d) the tariffs and charges, including any off-peak and standby tariffs, payable by *customers*;
- e) the availability of any off-peak or standby tariffs and the extent to which *customers* can take advantage of them;
- f) the charges or method of calculation for any installation work done on a *customer's premises*;
- g) work incidental to the provision of *customer connection services*; and
- h) our minimum charge in a standard billing period.

### 1.3 Enquiries

If you have any questions in relation to the Network Price List please contact:

[network.pricing@endeavourenergy.com.au](mailto:network.pricing@endeavourenergy.com.au)

Network Pricing  
Endeavour Energy  
PO Box 811  
Seven Hills NSW 1730

or contact our Customer Interaction Centre (CIC) on 133 718.

For specific enquires related to the application of charges in this Network Price List, please contact:

- Tariff Transfer Requests:  
[CommercialTariff.Transfers@endeavourenergy.com.au](mailto:CommercialTariff.Transfers@endeavourenergy.com.au)
- Network Connections, Monopoly Services Charges and Excluded Distribution Services:  
[cwadmin@endeavourenergy.com.au](mailto:cwadmin@endeavourenergy.com.au)
- Metering Charges:  
[franchisemetering@endeavourenergy.com.au](mailto:franchisemetering@endeavourenergy.com.au)
- Annual Pricing Resets and Regulatory Determination:  
[network.pricing@endeavourenergy.com.au](mailto:network.pricing@endeavourenergy.com.au)

## 2.0 NETWORK TARIFFS

Endeavour Energy's 2014/15 Pricing Proposal was approved by the AER on 16 June 2014. This Network Price List and the Network Pricing Options within have been prepared in accordance with the AER approved prices.

### 2.1 Network Pricing Options

The different categories of Network Pricing Options available are:

- Standard;
- Small Non-Market Generation;
- Solar Bonus Scheme;
- Combination Pricing;
- Unmetered; and
- Site Specific

Endeavour Energy will assign a Network Pricing Option when supply commences under the *customer connection contract*.

The assigned Pricing Option will depend on the annual energy consumption measured at the *connection point*, the supply voltage at the *connection point*, the method of connection to Endeavour Energy's *distribution system* and the type of meter(s) installed.

#### 2.1.1 Standard Pricing Options

The available Standard Pricing Options are:

- Domestic;
- Controlled Load;
- Domestic Time of Use;
- General Supply Non Time of Use;
- General Supply Time of Use; and
- Demand Time of Use.

Standard Network Pricing Options (as set out in Table 1 of the Network Price Tables) are applicable to *connection points* located in the Endeavour Energy *distribution system*, unless one of the Non-standard Pricing Options described in sections 2.1.2, 2.1.3, 2.1.4, 2.1.5 or 2.1.6 apply.

##### 2.1.1.1 Domestic

#### Domestic Inclining Block Tariff – N70

The Domestic Inclining Block Tariff (IBT) applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, is less than 160MWh; and
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V.

In addition, the Domestic IBT is predominantly used for one or more of the following purposes:

- Private dwellings;
- Boarding and lodging houses, being any house in which three or more persons, exclusive of the family of the proprietor thereof, are lodged for hire or reward from week to week or for more than a week;
- Retirement villages;

- Domestic sections of nursing homes and hospitals;
- Domestic sections of educational institutions;
- Approved baby health centres, day nurseries and kindergartens;
- Children's homes;
- Churches, mosques, temples etc., being buildings or properties which are used principally for public worship or partly for public worship and partly for educational purpose; and
- Approved caravan sites.

and where that point has an accumulation (basic or disc - Type 6) meter or an interval meter that is read as an accumulation meter.

This is the default tariff for low voltage domestic *customers*.

This tariff consists of the following pricing components:

- Network Access Charge (NAC); and
- Inclining Block Tariff (IBT) consumption charges.

### 2.1.1.2 **Controlled Load**

#### **Controlled Load Tariffs – N50 and N54**

A Controlled Load tariff applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, is less than 160MWh;
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V; and
- A Domestic or General Supply tariff also applies.

A Controlled Load tariff applies where electricity load is separately metered and controlled at a *connection point* with an accumulation meter:

- Controlled Load 1 (N50) applies where supply to approved specified appliances is controlled such that supply may not be available between 7:00am and 10:00pm, during both Eastern Standard Time (EST) and Daylight Saving Time (DST).; and
- Controlled Load 2 (N54) applies where supply to approved specified appliances is controlled such that electricity is available for restricted periods not exceeding a total of 17 hours in any period of 24 hours.

Switching times will be managed to minimise network investment and meet *customer* needs for the load being controlled.

When a *customer* with Controlled Load chooses another Pricing Option, the Controlled Load meter may be removed but the Controlled Load relay must remain in place. The Controlled Load relay will remain Endeavour Energy's property and must not be removed without the written approval of the Chief Engineer.

*Customers* with a Controlled Load relay are entitled to a Controlled Load network price only if all of the following conditions are met:

- Controlled Load consumption is separately metered using the same type of meter as the uncontrolled portion of a *customer's* load;
- Controlled Load consumption and uncontrolled load consumption is always synchronously read, i.e. on the same day; and
- The Controlled Load is operated by Endeavour Energy's load control systems or time switches.



A Controlled Load tariff is applicable to approved appliances only. Approved appliances must be permanently wired without a plug and socket. Switches that enable the transfer of approved appliances or equipment to non-Controlled Load circuits are not permitted.

This tariff consists of the following pricing components:

- Network Access Charge (NAC); and
- Single energy consumption charge.

### 2.1.1.3 Domestic Time of Use

#### Domestic Time of Use (type 5) Tariff – N705

The Domestic Time of Use (TOU) (Type 5) tariff applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, is less than 160MWh;
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V;
- The interval meter records consumption at 30 minute intervals.

The Domestic TOU (Type 5) tariff applies to a *connection point* which is predominantly used for one or more of the purposes set out in the description for the Domestic IBT (N70) tariff, at a *connection point* with a time of use meter from which interval meter consumption data is obtained. Type 5 tariffs are applicable to *connection points* with a Type 5 (manually read interval) meter installed. Domestic *customers* fitted with a Type 5 meter may elect to take supply on this basis.

The capital cost of a Type 5 meter capable of recording 30 minute interval data and its installation by an accredited private electrical contractor is payable by the *customer*.

This tariff consists of the following pricing components:

- Network Access Charge (NAC); and
- Time of Use (TOU) consumption charges.

#### Domestic Time of Use Tariff – N706

The Domestic Time of Use (TOU) tariff applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, is less than 160MWh;
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V; and
- The interval meter records a single “peak”, “shoulder” and “off-peak” consumption value per *billing cycle*.

The Domestic TOU tariff applies to a *connection point*, which is predominantly used for one or more of the purposes set out in the description for the Domestic IBT (N70) tariff, at a *connection point* with a time of use meter from which interval meter consumption data is obtained. Domestic *customers* fitted with a meter capable of supporting a Domestic TOU pricing option (Type 5 or Type 6 meter) may elect to take supply on this basis.

The capital cost of a Type 6 meter capable of recording TOU meter data and its installation by an accredited private electrical contractor is payable by the *customer*.

This tariff consists of the following pricing components:

- Network Access Charge (NAC); and
- Time of Use (TOU) consumption charges.



#### 2.1.1.4 **General Supply Non Time of Use**

##### **General Supply Inclining Block Tariff – N90**

The General Supply Inclining Block Tariff (IBT) applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, is less than 160MWh; and
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V.

The General Supply IBT applies to low voltage electricity used for any purpose other than Domestic, at a *connection point* with an accumulation meter or an interval meter that is read as an accumulation (Type 6) meter.

This tariff consists of the following pricing components:

- Network Access Charge (NAC); and
- Inclining Block Tariff (IBT) consumption charges.

The General Supply IBT (N90) is the default tariff for low voltage non-domestic *customers* and will be applied in the following circumstances:

- Appropriate TOU / Demand metering metrology are not in place for TOU and/or Demand based tariffs; or
- An established energy consumption history is not available to allow the customer to be classified as consuming > 160MWh per annum, therefore requiring a demand based tariff.

Consequently, General Supply IBT (N90) is the default tariff for all new (i.e. greenfield) sites and/or NMIs relating to low voltage non-domestic *customers*, regardless of TOU / Demand metering metrology installed or expected future consumption, and will be applied until such time as a change in Pricing Option is effected in accordance with clause 2.8 (as initiated by Endeavour Energy or the retailer).

#### 2.1.1.5 **General Supply Time of Use**

##### **General Supply Time of Use (type 5) – N845**

The General Supply Time of Use (TOU) (Type 5) tariff applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, is less than 160MWh;
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V; and
- The interval meter records consumption at 30 minute intervals.

The General Supply TOU (type 5) tariff applies to a *connection point*, which is predominantly used for any purpose other than Domestic, at a *connection point* with a time of use meter from which interval meter consumption data is obtained. Type 5 tariffs are applicable to *connection points* with a Type 5 (manually read interval) meter installed.

Endeavour Energy reserves the right to assign the General Supply TOU (type 5) pricing option to any new or existing *connection point* fitted with an interval meter.

The capital cost of a Type 5 meter capable of recording 30 minute interval data and its installation by an accredited private electrical contractor is payable by the *customer*.

This tariff consists of the following pricing components:

- Network Access Charge (NAC); and
- Time of Use (TOU) consumption charges.

### General Supply Time of Use – N84

The General Supply Time of Use (TOU) tariff applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, is less than 160MWh;
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V; and
- The interval meter records a single “peak”, “shoulder” and “off-peak” consumption value per *billing cycle*.

The General Supply TOU tariff applies to a *connection point*, which is predominantly used for any purpose other than Domestic, at a *connection point* with a time of use meter from which interval meter consumption data is obtained.

Endeavour Energy reserves the right to assign the General Supply TOU pricing option to any new or existing *connection point* fitted with an interval meter.

The capital cost of a Type 6 meter capable of recording TOU meter data and its installation by an accredited private electrical contractor is payable by the *customer*.

This tariff consists of the following pricing components:

- Network Access Charge (NAC); and
- Time of Use (TOU) consumption charges.

#### 2.1.1.6 Demand Time of Use

### Low Voltage Demand Time of Use – N19

The Low Voltage Demand Time of Use (TOU) tariff applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, is greater than 160MWh;
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V; and
- There exists a time of use meter, from which both interval meter energy and demand data is obtained.

This tariff consists of the following pricing components:

- Network Access Charge (NAC);
- Time of Use (TOU) consumption charges; and
- Demand charges.

It should be noted that General Supply IBT (N90) is the default tariff for all new (i.e. greenfield) sites and/or NMs relating to low voltage non-domestic *customers*, regardless of TOU / Demand metering metrology installed or expected future consumption, and will be applied until such time as a change in Pricing Option is effected in accordance with clause 2.8 (as initiated by Endeavour Energy or the retailer). Consequently, the Low Voltage Demand Time of Use tariff (N19) will not be applied as the default tariff for new (i.e. greenfield) sites and/or NMs relating to low voltage non-domestic *customers*.

## Transitional Time of Use – N89

The Transitional Time of Use (TOU) tariff applies to *customer connection services* supplied to the *connection point* where:

- Total electricity consumption, per financial year, greater than 160MWh but less than 40GWh or 10MVA maximum demand;
- Electricity is supplied at a voltage level defined as Low Voltage (LV) - nominally 230/400 V; and
- There exists a time of use meter, from which at a minimum interval meter energy data is obtained.

The Transitional TOU tariff applies to those *customers* who satisfy the Low Voltage Demand TOU (N19) tariff criteria, but cannot be transferred to this tariff due to:

- a lack of metering capable of supporting the demand based tariff; or
- the expected financial impact of a direct transition to low voltage time of use demand is deemed excessive.

It is the intention of Endeavour Energy that these *customers* will transition off N89 and onto N19.

The transitional Time of Use tariff is not available by *customer* request.

This tariff consists of the following pricing components:

- Network Access Charge (NAC); and
- Time of Use (TOU) consumption charges.

## High Voltage Demand Time of Use – N29

The High Voltage Demand Time of Use (TOU) tariff applies to *customer connection services* supplied to the *connection point* where:

- Electricity is supplied at a voltage level defined as High Voltage (HV) - nominally 12.7 kV SWER, 11 or 22 kV; and
- There exists a time of use meter, from which both interval meter energy and demand data is obtained.

This tariff consists of the following pricing components:

- Network Access Charge (NAC);
- Time of Use (TOU) consumption charges; and
- Demand charges.

## Sub-transmission Time of Use Demand – N39

The Sub-transmission Demand Time of Use (TOU) tariff applies to *customer connection services* supplied to the *connection point* where:

- Electricity is supplied at a voltage level defined as Sub-transmission (ST) - 33, 66 or 132 kV; and
- There exists a time of use meter, from which both interval meter energy and demand data is obtained.

This tariff consists of the following pricing components:

- Network Access Charge (NAC);

- Time of Use (TOU) consumption charges; and
- Demand charges.

### 2.1.2 Small Non-Market Generation Pricing Options

Endeavour Energy has developed Pricing Options for non-market micro-generation installations added to *connection points* within Endeavour Energy's *distribution system* (as set out in Table 2 of the Network Price Tables).

Small Non-Market Generation Pricing Options are formulated on the basis of the equivalent Standard Pricing Options, and include a Generated Energy (credit) pricing component.

### 2.1.3 Solar Bonus Scheme Pricing Options

The NSW Government's Solar Bonus Scheme (SBS) credits participating *customers* with a feed in tariff for all the electricity that their eligible solar photovoltaic (PV) system or wind turbine generates and provides to the network.

On 27 October 2010, the NSW Government announced changes to the SBS. Under the revised Scheme, to be eligible for the 60 cents per kilowatt hour (c/kWh) feed in tariff, the *customer* must have purchased or leased the system (or entered into a binding agreement to do so) on or before 27 October 2010, and submitted an application to connect the system to the grid with Endeavour Energy on or before 18 November 2010.

If *customers* purchased or leased their system (or entered into a binding agreement to do so) after 27 October 2010 or have submitted an application to connect the system to the grid with Endeavour Energy after 18 November 2010, the *customer* is ineligible for the 60 cents per kilowatt hour (c/kWh) feed in tariff, however *customers* may still be eligible to participate in the NSW SBS at the feed in tariff rate of 20 cents per kilowatt hour (c/kWh).

The NSW Government announced on 13 May 2011 that the SBS would be closed to new applications received after 28 April 2011, and that applications received before 29 April 2011, but not yet connected to the Scheme, will be considered eligible.

Further changes may affect the SBS Pricing Options.

SBS Pricing Options (as set out in Tables 3a, 3b and 3c of the Network Price Tables) are formulated on the basis of the equivalent Standard Pricing Options, and include a Generated Energy (credit) pricing component.

Please contact Endeavour Energy on 133 718 for further details or visit the NSW Department of Trade and Investment website at <http://www.trade.nsw.gov.au/> for more information on the NSW Solar Bonus Scheme.

### 2.1.4 Combination Pricing Options

Combination Pricing Options (as set out in Tables 3c and 4 of the Network Price Tables) are combinations of standard Pricing Options, which are applicable to *connection points* where a combination meter is installed. A combination meter is one which can meter both a controlled load and normal Domestic (or General Supply) consumption as two distinct energy flows.

Combination Pricing Options are formulated on the basis of the equivalent Standard Pricing Options, which would ordinarily be applicable to each component of the Combination Pricing Option.

For example, NC01 (Domestic/Controlled Load 1) Pricing Option consists of Domestic and Controlled Load 1 charges.

### 2.1.5 Unmetered Pricing Options

Unmetered Supply Pricing Options (as set out in Table 5 of the Network Price Tables) are applicable to *connection points* that are not metered.

## Other Unmetered Supplies – N99

The Unmetered Supply tariff applies to unmetered supplies not eligible for supply under unmetered tariff ENSL or ENTL.

This tariff consists of an Inclining Block Tariff (IBT) consumption charge only.

## Streetlighting – ENSL

The unmetered Streetlighting supply tariff applies to streetlighting *connection points* that are not metered.

This tariff consists of a Single Energy consumption charge only.

## Traffic Control Signal Lights – ENTL

The unmetered Traffic Control Signal Light supply tariff applies to traffic control signal light *connection points* that are not metered.

This tariff consists of a Single Energy consumption charge only.

## Nightwatch – ENNW

The unmetered Nightwatch supply tariff applies to night watch *connection points* that are not metered.

This tariff consists of a Single Energy consumption charge only.

Energy consumption for ENSL, ENTL and ENNW sites are calculated using the appropriate algorithm in the applicable Metrology Procedure.

### 2.1.6 Site Specific Pricing Option

Site Specific (individually calculated) High Voltage or Sub-transmission Demand Time of Use (TOU) tariffs apply to *customer connection services* supplied to the *connection point* where:

- Electricity consumption has been equal to or greater than 100GWh in total for the 36 months preceding the application; or
- Electricity consumption has been equal to or greater than 40GWh per annum in each of the two financial years preceding the application; or
- Monthly peak demand has been equal to or greater than 10MVA for 24 of the 36 months preceding the application.

Endeavour Energy may assign, or maintain, a Site Specific High Voltage or Sub-transmission Demand TOU tariff to any *connection point* in circumstances such as, but not limited to:

- The need to recover investment associated with stranded or dedicated assets, or other costs incurred by Endeavour Energy at that connection point, which may otherwise not be recovered under the Standard Demand TOU tariffs; and
- Endeavour Energy agreeing to assign a Site Specific Demand TOU tariff following an application from the *retailer*.

Inter-distributor transfer network use of system tariffs are calculated on a Site Specific basis and are specifically applied to electricity transferred through the Endeavour Energy network on behalf of Ausgrid and Essential Energy.

Endeavour Energy reserves the right to reassign a Standard Pricing Option to a *connection point*, effective from the beginning of the next *billing cycle*, if it is discovered that the *connection point* no longer satisfies any of the aforementioned criteria.

Site Specific Demand TOU tariffs consist of the following pricing components:

- Network Access Charge (NAC);
- Time of Use (TOU) consumption charges; and
- Demand charges.

## 2.2 Tariff Pricing Components

### 2.2.1 Network Access Charge (NAC)

A Network Access Charge (NAC) is a fixed daily charge for each *connection point* connected to the Endeavour Energy *distribution system*, i.e. per National Metering Identifier (NMI). More than one NAC may apply per NMI if there is more than one Pricing Option applicable to that NMI.

### 2.2.2 Energy Consumption Charges

#### 2.2.2.1 Inclining Block Tariff Energy Consumption Charges

Inclining Block Tariff (IBT) energy consumption charges comprise two variable energy components as set out below:

- 1) a First Block Rate, expressed on a  $\text{¢/kWh}$  basis, to be applied to electricity consumption (kWh) up to and including 1,750 kWh per quarter for Domestic IBT and 2,500 kWh per quarter for General Supply IBT and unmetered IBT supply tariffs; and
- 2) a Second Block Rate, expressed on a  $\text{¢/kWh}$  basis, to be applied to all electricity consumption (kWh) in excess of Block 1.

#### 2.2.2.2 Single Energy Consumption Charge

A tariff with a single energy consumption charge consists of a single energy rate expressed on a  $\text{¢/kWh}$  basis, to be applied to all electricity consumption (kWh).

#### 2.2.2.3 Time of Use Energy Consumption Charges

Time of Use energy consumption charges comprise of three variable energy components as set out below:

- 1) a Peak Energy rate, expressed on a  $\text{¢/kWh}$  basis, to be applied to the consumption of electricity during the Peak period;
- 2) a Shoulder Energy rate, expressed on a  $\text{¢/kWh}$  basis, to be applied to the consumption of electricity during the Shoulder period; and
- 3) an Off-peak Energy rate, expressed on a  $\text{¢/kWh}$  basis, to be applied to the consumption of electricity during the Off-peak period.

### 2.2.3 Demand Charges

Demand charges comprise two variable demand components as set out below of:

- 1) a High-Season Peak Demand rate, expressed on a  $\text{\$/maximum kVA/month}$  basis, applied to the consumption of electricity during the High-Season Peak period; and
- 2) a Low-Season Peak Demand rate, expressed on a  $\text{\$/maximum kVA/month}$  basis, applied to the consumption of electricity during the Low-Season Peak period.

### 2.2.4 Generated Energy Charges (credit)

The Generated Energy Charge (credit) consists of a single Generated Energy rate expressed on a  $\text{¢/kWh}$  basis, to be applied to the applicable generated energy (kWh) billing quantity.



## 2.3 Billing Calculations

### 2.3.1 Network Access Charges

A Network Access Charge (NAC) is applicable to all *customers* (with the exception of Unmetered Pricing Option *customers*) and is payable for each day of the term of your *customer connection contract* with Endeavour Energy. The amount that your *retailer* must pay Endeavour Energy, is calculated by multiplying the appropriate GST-inclusive "per day" NAC by the relevant number of days.

The NAC is applied as a fixed daily charge for each *connection point* connected to the Endeavour Energy *distribution system*, i.e. per National Metering Identifier (NMI). More than one NAC may apply per NMI if there is more than one Pricing Option applicable to that NMI.

Where Endeavour Energy is allowed by the AER to vary certain charges and rates, those variations may become effective part way through a *billing cycle*. The NAC amount which each *customer* must pay under the old rates, and under the new rates, is calculated on a pro-rata basis.

The pro-rated NAC, in respect of the applicable NAC rate for each part of the *billing cycle* (after the increase becomes effective) is calculated as follows:

$$N_c = n \times t$$

Where:

$N_c$  = pro-rated NAC

$n$  = NAC (\$/day)

$t$  = number of days with the relevant NAC to be invoiced

For example, assume the *customer* has a quarterly *billing cycle*, and the NAC price increase is effective on the 31st day of a 92 day *billing cycle*. Assuming the relevant Pricing Option's NAC is 0.30 \$/day before and 0.35 \$/day after the increase:

For the first 30 days, the *customer* would be charged as follows:

$$0.30 \text{ \$/day} \times 30 = \$9.00$$

For the last 62 days, the *customer* would be charged as follows:

$$0.35 \text{ \$/day} \times 62 = \$21.70$$

### 2.3.2 Energy Consumption Charges

An energy consumption charge is applicable to all *customers* where energy consumption occurs.

The amount that your *retailer* must pay Endeavour Energy, is calculated by multiplying the appropriate GST-inclusive "per kWh" price by the amount of electricity consumed (based on Endeavour Energy's measurement or, in certain limited circumstances, Endeavour Energy's estimate, of your consumption) at each separately metered *connection point*.

Where Endeavour Energy is allowed by the AER to vary certain charges and rates, those variations may become effective part way through a *billing cycle*. The amount which each *customer* must pay for consumption under the old rates and for consumption under new rates is calculated on a pro-rata basis.

#### 2.3.2.1 Single Energy and TOU Energy Consumption Charges

The pro-rated energy consumption charge, in respect of the applicable energy rate for each part of the *billing cycle* (after the increase becomes effective) is calculated as follows:



$$E_{CS} = E_M \times e \times (t/T)$$

Where:

$E_{CS}$  = pro-rated energy consumption charge

$E_M$  = total consumption (kWh) recorded for the billing cycle

$e$  = energy rate (¢/kWh)

$t$  = number of days with the relevant Energy Rate to be invoiced

$T$  = number of days in the billing cycle

For example, assume the *customer* has a quarterly *billing cycle*, and an increase in the energy rate is effective on the 31st day of a 92 day *billing cycle*. The *customer's* energy consumption for the entire *billing cycle* was 920 kWh. Assuming the relevant energy rate is 10.00 ¢/kWh before and 11.00 ¢/kWh after the increase:

For the first 30 days, the *customer* would be charged as follows:

$$920 \text{ kWh} \times 10.00 \text{ ¢/kWh} \times (30/92) = \$30.00$$

For the last 62 days, the *customer* would be charged as follows:

$$920 \text{ kWh} \times 11.00 \text{ ¢/kWh} \times (62/92) = \$68.20$$

### 2.3.2.2 IBT Energy Consumption Charges

To determine the quantity of electricity consumption (kWh) to be applied against each of the First Block Rate and the Second Block Rate, the Average Daily Consumption is compared against the Daily Threshold.

Average Daily Consumption less than or equal to the Daily Threshold Level is billed the First Block Rate, with the remainder of the Average Daily Consumption to be billed the Second Block Rate.

The Average Daily Consumption is calculated as follows:

$$E_A = E_M / T$$

Where:

$E_A$  = Average Daily Consumption (kWh)

$E_M$  = total consumption (kWh) recorded for the *billing cycle*

$T$  = number of days in the *billing cycle*

If there is a change in the threshold level during the *billing cycle* due either to a change in threshold levels or the number of days in the financial year, then a Daily Threshold Level for each part of the *billing cycle* is required. The Daily Threshold Level is calculated as follows:

$$L_1 = L_Q \times 4 / D$$

Where:

$L_1$  = Daily Threshold Level for the First Block Rate (kWh)

$L_Q$  = Quarterly Threshold Level for the First Block Rate (kWh)

$D$  = number of days in the pricing year

The pro-rated energy consumption charge, in respect of the applicable energy rate(s) for each part of the *billing cycle* (after the increase becomes effective) is calculated as follows:

If the Average Daily Consumption is less than or equal to the Daily Threshold Level:

$$E_{CI} = E_A \times P_1 \times t$$

If the Average Daily Consumption is above the Daily Threshold Level:

$$E_{CI} = [L_1 \times P_1 \times t + (E_A - L_1) \times P_2 \times t]$$

Where:

- $E_{CI}$  = pro-rated IBT energy consumption charge
- $E_A$  = Average Daily Consumption (kWh)
- $L_1$  = Daily Threshold Level for the First Block (kWh)
- $P_1$  = energy rate for the First Block (¢/kWh)
- $P_2$  = energy rate for the Second Block (¢/kWh)
- $t$  = number of days with the relevant energy rate to be invoiced

For example, assume a General Supply IBT customer has a quarterly billing cycle, and an increase in energy rate(s) is effective on the 31st day of a 90 day billing cycle and the energy consumption for the billing cycle was 3,600 kWh.

Assume the energy rate is 10.0 ¢/kWh for Block 1 and 13.0 ¢/kWh for Block 2 before the increase and 11.0 ¢/kWh for Block 1 and 15.0 ¢/kWh for Block 2 after the increase.

The quarterly IBT threshold is 2,500 (kWh), however the pricing year containing the new prices is a leap year with 366 days, rather than the standard year of 365 days.

Pricing Period	Qrtly Threshold (kWh)	Days in Pricing Year	No Days	Consumption (kWh)	Block 1 (¢/kWh)	Block 2 (¢/kWh)
(1) Old	2,500	365	30	1,200	10.0	13.0
(2) New	2,500	366	60	2,400	11.0	15.0
Billing cycle			90	3,600	-	-

$$\begin{aligned} \text{Average Daily Consumption} &= 3,600 / 90 \\ &= 40 \text{ kWh / day} \end{aligned}$$

$$\begin{aligned} \text{Daily Threshold Level} \\ \text{- Pricing Period (1)} &= 2,500 \times 4 / 365 \\ &= 27.3973 \text{ kWh / day} \end{aligned}$$

$$\begin{aligned} \text{- Pricing Period (2)} &= 2,500 \times 4 / 366 \\ &= 27.3224 \text{ kWh / day} \end{aligned}$$

For both pricing periods, the Average Daily Consumption is above the Daily Threshold Level, so the IBT Energy Consumption Charge is calculated as follows:

$$\begin{aligned} \text{Pricing Period (1)} &= 27.3973 \text{ kWh} \times 10.0 \text{ ¢/kWh} \times 30 \\ &+ (40.0 - 27.3973) \text{ kWh} \times 13.00 \text{ ¢/kWh} \times 30 \\ &= \$131.34 \end{aligned}$$

$$\begin{aligned} \text{Pricing Period (2)} &= 27.3224 \text{ kWh} \times 11.0 \text{ ¢/kWh} \times 60 \\ &+ (40.0 - 27.3224) \text{ kWh} \times 15.00 \text{ ¢/kWh} \times 60 \\ &= \$294.43 \end{aligned}$$

$$\begin{aligned} \text{Energy Charge} &= \$131.34 + \$294.43 \\ &= \$425.77 \end{aligned}$$

### 2.3.3 Demand Charges

A demand charge is applicable to all *customers* on a Demand TOU Pricing Option in respect of the demand for electricity their *connection points* place on the *distribution system*.

The amount that the *retailer* must pay Endeavour Energy is calculated by multiplying the appropriate GST-inclusive “per kVA” price by the amount of electricity consumed (based on Endeavour Energy’s measurement or, in certain limited circumstances, Endeavour Energy’s estimate, of your demand) at each separately metered *connection point*.

All *connection points* on a Demand TOU Pricing Option have a calendar month *billing cycle*. A monthly demand charge is payable, based on the highest demand (kVA), which occurred within any half hour interval of that month falling into a time period defined as ‘Peak’.

The demand charge is calculated as follows:

$$D_c = D_M \times d$$

Where:

$D_c$  = demand charge for the month

$D_M$  = chargeable demand (kVA) recorded in respect of the *connection point*.

$d$  = demand rate (\$/kVA/month) according to the season.

#### 2.3.3.1 Demand Pro-ration Rules

If a *customer* changes their *retailer* part way through a month, the demand charge will be calculated (based on the chargeable demand) for the entire month for the *connection point* and then the charge pro-rated to each *retailer* accordingly.

The pro-rated demand charge for each *retailer* for each month is calculated as follows:

$$D_P = D_M \times d \times (t/T)$$

Where:

$D_P$  = pro-rated demand charge to the *retailer* for the month

$D_M$  = chargeable demand (kVA) recorded in respect of the connection point.

$d$  = demand rate (\$/kVA/month)

$t$  = number of days with the relevant retailer to be charged

$T$  = number of days in the entire month

For example, assume a *customer* transfers from *retailer 1* (R1) to *retailer 2* (R2) on the 1st of January. The chargeable demand for the entire month of January is 310 kVA, and the applicable Pricing Option’s demand rate is \$7.00/kVA/month.

**R1** would be calculated as follows:

$$310 \text{ kVA} \times 15.00 \text{ \$/kVA} \times (1/31) = \$150.00$$

**R2** would be calculated as follows:

$$310 \text{ kVA} \times 15.00 \text{ \$/kVA} \times (30/31) = \$4,500.00$$

#### 2.3.3.2 Demand Metering

Demand is treated as a component of the Data Stream of Interval Metering Data, in accordance with Section 7 of AEMO procedure 0610-0008. For the purpose of this Price List, the following definitions are considered equivalent:

AEMO			Endeavour Energy	
Energy Flow Definition	NMI Master Channel Suffix	Quadrants covered	Energy (or Power) Flow Definition	Corresponding Load or Phase Angle $\phi$ in degrees
Import kWh	B	2, 3	Effective, generated	180°
Export kWh	E	1, 4	Effective, consumed	0°
Import kVARh	K	3, 4	Reactive, generated	Leading (Capacitive)
Export kVARh	Q	1, 2	Reactive, consumed	Lagging (Inductive)

For a particular NMI, the Demand Charge for a month is based on the demand (kVA) calculated for every metering interval during that month.

Let NEEEXXXXXX be a NMI with  $i$  feeders.  
 Let  $E_1, \dots, E_i$  be the kWh channels for each feeder.  
 Let  $K_1, \dots, K_i$  be the leading kVARh channels for each feeder.  
 Let  $Q_1, \dots, Q_i$  be the lagging kVARh channels for each feeder.

The kVA for each interval (usually half an hour) is calculated as follows:

$$kVA = m \times \sqrt{(\sum E_n)^2 + (\sum (Q_n - K_n))^2}$$

Where  $m$  is the number of metering intervals in an hour (usually  $m = 2$  within the NEM)

For *connection points* fitted with an 'EMAIL Q3' meter, the measurement of reactive energy is predefined in the configuration of that particular meter as the addition of lagging and leading components. Common practice is to identify this measurement as Q, in these instances the kVA for each half-hour interval is calculated as.

$$kVA = m \times \sqrt{(\sum E_n)^2 + (\sum Q_n)^2}$$

The resultant kVA for sites metered with an 'EMAIL Q3' meter is in real terms equivalent to:

$$kVA = m \times \sqrt{(\sum E_n)^2 + (\sum (Q_n + K_n))^2}$$

For *connection points* covered by the *connection contract*, the difference in the above computations is not significant, as either Q or K (usually K) is nil.

### 2.3.4 Generated Energy Calculation

Where the Generated Energy rates change, the variation may become effective part way through a *billing cycle*. The amount of the generated energy charge (credit) under the old rates and the new rates is calculated on a pro-rata basis.

The pro-rated amount, in respect of the applicable Generated Energy rate for each part of the *billing cycle* (after the change becomes effective) is calculated as follows:

$$E_G = E_M \times e \times (t/T)$$

Where:

$E_G$  = pro-rated Generated Energy charge (credit)

$E_M$  = generated energy billing quantity (measured in kWh)

$e$  = generated energy credit ( $\text{¢}/\text{kWh}$ )

$t$  = number of days with the relevant generated energy rate to be invoiced

$T$  = number of days in the *billing cycle*

For example, assume the *customer* has a quarterly *billing cycle*, and the change in the generated energy rate is effective on the 31st of a 92 day *billing cycle*. The *customer's* generated energy for billing purposes for the entire *billing cycle* was 460 kWh. Assuming the relevant generated energy rate is 12.30  $\text{¢}/\text{kWh}$  before and 0.00  $\text{¢}/\text{kWh}$  after the change:

For the first 30 days, the generated energy credit is calculated as follows:

$$460 \text{ kWh} \times 12.30 \text{ ¢/kWh} \times (30/92) = \$18.45$$

For the last 62 days, the generated energy credit is calculated as follows:

$$460 \text{ kWh} \times 0.00 \text{ ¢/kWh} \times (62/92) = \$0.00$$

## 2.4 Network Pricing Definitions

### 2.4.1 Time of Day

#### 2.4.1.1 Domestic TOU

For Domestic TOU Pricing Options 'Peak', 'Shoulder' and 'Off-Peak' periods are based on the following time periods and apply during both Eastern Standard Time (EST) and Daylight Saving Time (DST):

##### *Business Days*

Peak:	13:00 – 20:00
Shoulder:	07:00 – 13:00 & 20:00 – 22:00
Off-Peak:	All other times.

##### *Non-business Days*

Shoulder:	07:00 – 22:00
Off-Peak:	All other times.

#### 2.4.1.2 General Supply TOU and Demand TOU

For General Supply TOU, Demand TOU and all other TOU Pricing Options, 'Peak', 'Shoulder' and 'Off-peak' periods are based on the following time periods and apply during both Eastern Standard Time (EST), and Daylight Saving Time (DST):

##### *Business Days*

Peak:	13:00 – 20:00
Shoulder:	07:00 – 13:00 & 20:00 – 22:00
Off-Peak:	All other times.

##### *Non-business Days*

Off-Peak:	All other times.
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### 2.4.2 Seasons

The following seasons apply to all Demand TOU Pricing Options:

High Season Demand Period:

Summer                      Nov to Mar

Winter Jun to Aug

Low Season Demand Period:

Other Months Sep to Oct

Other Months Apr to May

### 2.4.3 Public Holidays

The following public holidays are deemed to be non-*business days*: New Year's Day, Australia Day, Good Friday, Easter Monday, Anzac Day, Queen's Birthday, Labour Day, Christmas Day, Boxing Day, and other gazetted public holidays in NSW.

All other non-gazetted holidays, such as bank holidays and other local holidays, are deemed to be *business days*.

Endeavour Energy reserves the right to declare (or decline) additional holidays for the purpose of charging for network use of system services.

### 2.4.4 GST

Both GST inclusive and GST exclusive Network Rates are shown in the pricing tables. At the time of this publication the applicable GST was 10%.

### 2.4.5 Distribution Loss Factors

Distribution Loss Factor (DLF) codes and values are published by the Australian Energy Market Operator (AEMO). The DLF factor is used by a *retailer* to increase the *customer's* metered energy amount to account for electrical losses in the *distribution system*.

### 2.4.6 NMI

Endeavour Energy issues a National Metering Identifier (NMI) for each *connection point* in accordance with the relevant AEMO procedure. Endeavour Energy then invoices for *customer connection services* and network use of system services provided at each of those *connection points* using the applicable pricing option.

### 2.4.7 Voltages of Supply

Endeavour Energy reserves the right to determine the voltage of supply for a particular *customer* based on the size and nature of the load to be connected. Voltage levels referred to in the prices are:

- Low Voltage (LV) - nominally 230 / 400 V;
- High Voltage (HV) - nominally 12.7 kV SWER, 11 or 22 kV; and
- Sub-transmission (ST) - 33, 66 or 132 kV.

### 2.4.8 Daylight Saving Time

In order to maintain the same time limits during both Eastern Standard Time (EST) and Daylight Saving Time (DST), billing data is adjusted by shifting the data forward an hour to accommodate for the time shift during DST.

This means that at the start of DST (2am on Sunday) there will be an hour of null data when the time is shifted forwards an hour from EST to DST. Also, data for the period 23:00 to 24:00 in EST will be recorded the following day for the period 00:00 to 01:00 DST.

When DST ends, the time will move back an hour and there will be two sets of hourly data for the period from 02:00 until 03:00, one set generated in DST and the second set generated after the time shift in EST. This data is aggregated for the purposes of billing the "per kWh" charge, but not for Demand Charge calculations.

The table below represents how the data is shifted for DST. The value in each cell (1 to 24) is the period of the day in EST.

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	(etc)	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
EST	1	2	3	4	(etc)	21	22	23	24
DST day 1	1	2	NULL	3	(etc)	20	21	22	23
DST	24	1	2	3	(etc)	20	21	22	23
EST day 1	24	1	23	4	(etc)	21	22	23	24

The first row represents a normal EST day.

The second row represents day one of DST. Note that the first two hours of the day are the same as EST. At 2am, when DST begins, the data is shifted forward one hour, resulting in a null value for the period between 02:00 and 03:00. Following that, all data is shifted forward one hour as compared to EST.

The third row represents a normal DST day. The data from the last hour of the previous day in EST is used as the data for the first hour of the following day in DST.

The final row of the table represents the day when DST switches back to EST. The first three hours are as per normal DST days, then at 3am EST begins, which means there is a time shift back one hour. Therefore data is recorded for the period 02:00 to 03:00 for both DST and EST. This data is aggregated for the purpose of billing the energy (per kWh) component of the network charge, but not for the Demand Charge component. After 3am, data is recorded and billed as per normal for EST.

Note that while there is less total consumption during the first day of the DST period, this is made up for when the switch back to EST occurs.

## 2.5 Treatment of import/export power flows

In the situation where an end-use *customer* generates into (Import Energy), as well as consumes energy from (Export Energy), Endeavour Energy's *distribution system*, network use of system services charges apply to the energy consumed by the *customer*. The energy generated back into Endeavour Energy's *distribution system* (Import Energy) is not recognised for network use of system services purposes, unless it is covered under a specific agreement.

Network use of system charges are based on Export Energy only. Import Energy will not be subtracted from the Export Energy.

This policy also extends to Demand Charges with Import Demand not subtracted from Export Demand when calculating network use of system services charges.

Furthermore, metering shall be configured so that reactive energy is measured only when associated with energy consumed by the *customer* (Export Energy).

## 2.6 Embedded Generators

Any *connection point* that connects a generator to the Endeavour Energy *distribution system* must have an active network use of system services account, as Endeavour Energy will invoice a Network Access Charge for such a *connection point*, irrespective of whether or not an Import of energy, occurs at the *connection point* during the *billing cycle*.

In cases where a High Voltage or Sub-transmission *connection point* exists primarily to connect a generator to the Endeavour Energy *distribution system*, and if energy consumed at that same *connection*



*point* is less than five per cent of the energy generated during any *billing cycle*, then Endeavour Energy may apply a General Supply Time Of Use Network Pricing Option, to that *connection point*.

However, if the *connection point* in question exceeds the level given above, for more than two months during any period of twelve months, Endeavour Energy reserves the right to assign a Standard High Voltage or Sub-transmission Demand Time of Use Network Pricing Option to it, effective from the beginning of the next *billing cycle*.

## 2.7 Controlled Load Appliances, Terms and Conditions

**Important Note:** Any plugs and/or sockets are not permitted in any Controlled Load circuit under any circumstances.

### 2.7.1 Controlled Load 1

The Controlled Load 1 Pricing Option applies where specified appliances approved by the Chief Engineer are controlled by Endeavour Energy's equipment, so that supply may not be available between 7:00am and 10:00pm during Eastern Standard Time (EST) and Daylight Saving Time (DST). Supply will be made available for selected periods between 10:00pm and 7:00am (EST and DST), as approved by the Chief Engineer.

#### 2.7.1.1 Storage Water Heaters

In relation to a heating unit in a storage water heater, the following additional conditions must all be met:

- a) the rated hot water delivery of the storage water heater is not less than 100 litres, unless otherwise approved by the Chief Engineer;
- b) Endeavour Energy's equipment controls the supply of electricity to the heating unit in the storage heaters;
- c) the operation of any booster heating unit is controlled in such a way that simultaneous operation with the main heating units is not possible; and
- d) unless otherwise approved by the Chief Engineer, heating units must be arranged as multiples of 4.8 kW in accordance with the following table:

Rated Hot Water Delivery (in Litres)	Number and Rating of Heating Elements
Up to and including 400	1 x 4.8 kW
Above 400 and not exceeding 630	2 x 4.8 kW
Above 630	As necessary to provide the full amount of heat in approximately 8 hours, but in any case not more than 20 watts / litre rated hot water delivery.

**Note:** The above requirements may be varied where a Controlled Load element is provided as a booster for a solar water heater. Controlled Load elements are available to Domestic and General Supply small retail *customers*.

#### 2.7.1.2 Other Appliances

In relation to swimming pool pumps, pool heating equipment, dishwashers, clothes dryers, washing machines and other appliances approved by the Chief Engineer (other than those described above) the following additional conditions must all be met:

- a) an approved storage water heater or storage space heater is also installed and supplied at the same Controlled Load 1 Pricing Option;
- b) each appliance is permanently connected to the fixed wiring;
- c) all Controlled Load circuits originate at the meter board and are controlled by Endeavour Energy's equipment so that supply is available during specified Controlled Load hours; and

- d) for pool heating, the equipment rating shall not exceed 520 watts per square metre of the water surface, unless approved by the Chief Engineer.

### 2.7.1.3 **Noise Control**

Local councils may impose conditions relating to the use or operation of equipment causing offensive noise. Air conditioners, swimming pool pumps and heat pump motors may be subject to such conditions and *customers* should consult the local council before arranging for such equipment to operate at night on Controlled Load.

### 2.7.1.4 **Thermal Storage Space Heaters (Heat Banks)**

In relation to thermal storage space heaters, the following additional conditions must be met:

- a) the thermal storage space heaters are controlled by Endeavour Energy's equipment and the aggregate rating is not less than 3 kW, and
- b) the property must utilise the Domestic Pricing Option.

### 2.7.1.5 **Under Floor Heating**

In relation to under floor heating, the following additional conditions must be met:

- a) the under floor heaters are controlled by Endeavour Energy's equipment and the aggregate rating is not less than 3 kW; and
- b) the property must utilise the Domestic Pricing Option.

### 2.7.1.6 **Ice Storage Systems**

Controlled Load 1 also applies to ice storage systems provided the unit is controlled by Endeavour Energy's equipment and the aggregate rating is not less than 3 kW.

### 2.7.1.7 **Transfer Between Pricing Options**

A switch that transfers equipment normally supplied as a Controlled Load to another Pricing Option is not permissible.

### 2.7.1.8 **Existing Installations**

Storage water heaters and thermal storage space heaters previously approved for connection as a Controlled Load will continue to be eligible for supply under the Controlled Load 1 Pricing Option.

### 2.7.1.9 **Application of Controlled Load 1 Pricing Option**

The Controlled Load 1 Pricing Option is only available to a *connection point* utilising the Domestic or the General Supply Non Time of Use pricing option.

### 2.7.1.10 **Single Person and Dual Occupant Aged Person Accommodation**

Notwithstanding the rated hot water delivery requirements of the Controlled Load 1 Pricing Option, in the case of single and dual occupant aged person accommodation owned and controlled by the NSW Department of Housing, or some institution/charity as defined by the Chief Engineer, the minimum rated hot water delivery may be reduced in accordance with the following table:

Number of Occupants in Property	Minimum Hot Water Delivery Rating	Minimum Kilowatt Rating
1	80 litres	3.6 kW
2	125 litres	3.6 kW

## 2.7.2 Controlled Load 2

The Controlled Load 2 Pricing Option applies where specified appliances approved by the Chief Engineer are controlled by Endeavour Energy's equipment, so that electricity is available for restricted periods not exceeding 17 hours in any period of 24 hours.

The same terms, conditions and restrictions as listed for Controlled Load 1 are applicable for Controlled Load 2, with the following exceptions:

- a) The Controlled Load 2 Pricing Option can be applied to an electric heat pump with a minimum tank size of 250 litres, but that pump cannot be consequently transferred to the Controlled Load 1 Pricing Option;
- b) The Controlled Load 2 Pricing Option does not apply to Ice Storage Systems; and
- c) Special conditions applicable to single person and dual occupant aged person accommodation set out in the following table replace the conditions applicable to Controlled Load 1:

Number of Occupants in Property	Minimum Hot Water Delivery Rating	Minimum Kilowatt Rating
1 or 2	80 litres	3.6 kW

### 2.7.2.1 Application of Controlled Load 2 Pricing Option

The Controlled Load 2 Pricing Option is only available to a *connection point* utilising the Domestic or the General Supply Non Time of Use pricing option.

## 2.8 Change of Pricing Option

### 2.8.1 Endeavour Energy initiated change of Pricing Option

Endeavour Energy may initiate a change to a *customer's* Pricing Option if a *customer's* consumption characteristics are inconsistent with the requirements of the tariff under which they are taking supply.

An Endeavour Energy initiated change to a *customer's* Pricing Option will form part of our Annual Pricing Proposal to the Australian Energy Regulator (AER). If the AER approves the Endeavour Energy initiated change to a *customer's* Pricing Option as part of the Annual Pricing Proposal, Endeavour Energy will write to the impacted *customer's retailer* informing them of the proposed tariff reassignment prior to the transfer occurring.

The notification letter will provide the *retailer* with:

- The reasons for the reassignment;
- The criteria by which the customer was identified for transfer;
- The opportunity to object to the reassignment prior to its actioning; and
- Notification that an alternate dispute resolution process is available should the *retailer* be dissatisfied with Endeavour Energy's proposal.

### 2.8.2 Retailer initiated change of Pricing Option

*Retailers* can apply for a change in Pricing Option in accordance with this clause 2.8.2. Endeavour Energy maintains it is the responsibility of the *retailer* to be aware of the needs of a customer at any time, and apply for a change in network price to Endeavour Energy as the Distribution Network Service Provider (DNSP), in an appropriate, compliant and timely manner.

The following table illustrates standard<sup>1</sup> Pricing Options and those Pricing Options available to *customers* who match specified criteria.

Customer Criteria			Available Pricing Options	
Customer Type	Annualised Consumption	Supply Voltage	Standard	Alternate (on application)
Domestic	< 160 MWh	LV	N70, NC01 or NC02	N706 or N705
Non-Domestic	< 160 MWh	LV	N90, NC03 or NC04	N84 or N845
Non-Domestic	> 160 MWh	LV	N19	n/a
Non-Domestic	N/A	HV	N29	Site Specific
Non-Domestic	N/A	ST	N39	Site Specific

In order to submit an application for a change in Pricing Option, a *retailer* must complete electronic form FBS 3000 and email the completed form to:

[CommercialTariff.Transfers@endeavourenergy.com.au](mailto:CommercialTariff.Transfers@endeavourenergy.com.au)

Form FBS 3000 is available upon request, from this email address.

Endeavour Energy reserves the right to not process any application if form FBS 3000:

- is not sent to the specified email address; or
- has missing or incomplete data; or
- is not in MS Excel format.

Please note that:

- For published tariffs, Endeavour Energy requires a minimum of 30 days notice, prior to the end of the *billing cycle* to which the new Network Pricing Option is intended to apply, in order to process the application.
- Applications requesting a new Site Specific Pricing Option, or a change to an existing Site Specific tariff, must be submitted by 30 September. Pricing for approved applications will take effect on 1 July the following year.
- If an application for a change to a different Controlled Load Pricing Option is less than 12 months after the effective date of the preceding application, a fee may be payable.
- Endeavour Energy will not accept any application not filed by a *retailer*, for example applications from consultants or directly from *customers*.
- Endeavour Energy reserves the right to not process any application which includes any NMI where the *retailer* filing that application is not the current *retailer*, or for which no corresponding transfer of *retailer* request is found in MSATS, at the time the application is received by Endeavour Energy.

<sup>1</sup> The standard Pricing Option does not constitute the default pricing option applied by Endeavour Energy upon connection. Refer to section 2.8.2.2 for further details.

- Endeavour Energy reserves the right to not process any application which includes any NMI where a change to the Metering Installation (refer Australian Energy Market Operator Metrology Procedures) has been made, but the Metering Provider / Accredited Service Provider carrying out that change has yet to lodge a Notification of Service Works with Endeavour Energy.
- The required metering metrology must be in place before the application for a change of Pricing Option can be approved.
- Demand TOU Pricing Options at any voltage of supply require an interval meter to be installed at the *customer's* premises by a Metering Provider.
- The selected pricing option for each NMI must match explicitly with the *customer* criteria as indicated in the preceding table. The transitional tariff N89 is not available on application.
- A *customer* can only move away from the Low Voltage Demand TOU tariff (N19) if a history of consistently low consumption (less than 160MWh pa) over the twelve months preceding the date of the application can be established in a manner satisfactory to Endeavour Energy. In this event the choice of Pricing Option is limited to the General Supply TOU (N84) tariff.
- Controlled Load conversions are not part of this process.

### 2.8.2.1 **Backdating of Tariff Requests**

Endeavour Energy does not backdate any change in network pricing in cases where a *retailer* (or the Metering Provider, or the Accredited Service Provider (ASP), acting on behalf of the *retailer*) fails to adhere to the process outlined in clause 2.8.2

### 2.8.2.2 **Default Pricing Option for Low Voltage Non-Domestic Customers**

The General Supply IBT (N90) is the default tariff for low voltage non-domestic *customers* and will be applied in the following circumstances:

- Appropriate TOU / Demand metering metrology are not in place for TOU and/or Demand based tariffs; or
- An established energy consumption history is not available to allow the customer to be classified as consuming > 160MWh per annum, therefore requiring a demand based tariff.

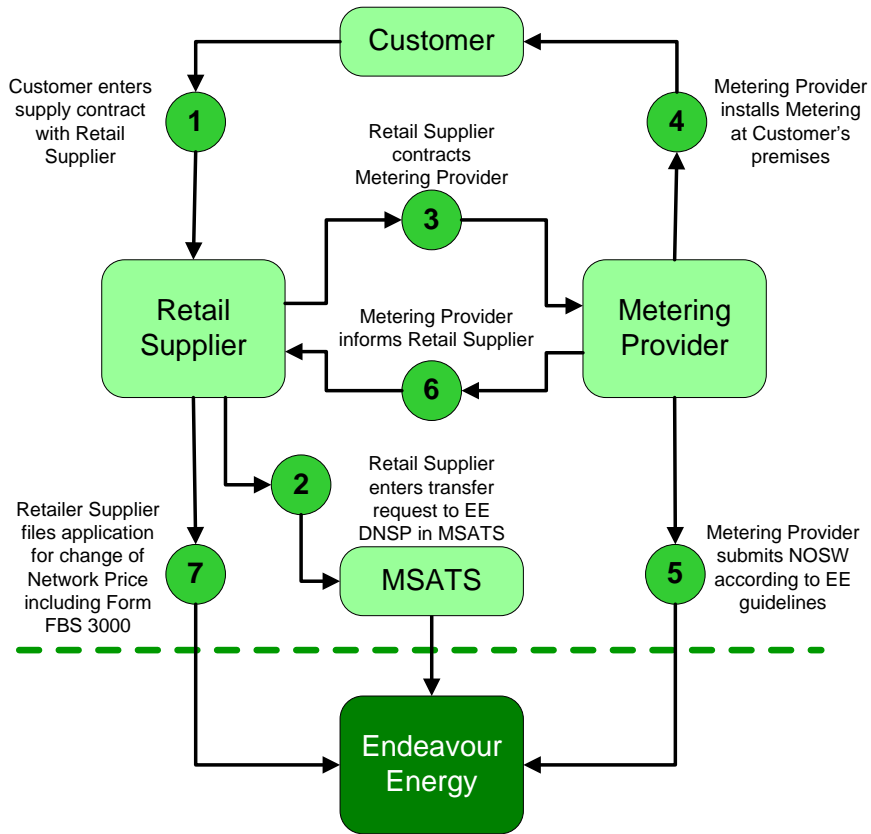
Consequently, General Supply IBT (N90) is the default tariff for all new (i.e. greenfield) sites and/or NMIs relating to low voltage non-domestic *customers*, regardless of TOU / Demand metering metrology installed or expected future consumption, and will be applied until such time as a change in Pricing Option is effected in accordance with clause 2.8 (as initiated by Endeavour Energy or the *retailer*).

For *customers* consuming > 160MWh per annum, it is the responsibility of the *customer* to enter into a contract with a Metering Provider to arrange for the installation of a suitable interval meter.

### 2.8.2.3 **Application Process Overview**

The following diagram provides a schematic process overview of the steps which must be completed prior to the filing of the "Application for a Change of Pricing" (Step 7). The numerals indicate the sequence in which the individual steps are carried out.

## Application Process Overview (schematic sequence of steps)



## 2.9 Network Price Tables

### 2.9.1 Table 1 - Standard Pricing

Prices effective 1 July 2014

Endeavour Energy 2014/15 Standard Network Prices	Network Tariff Code	Service Rate	Network Access Charge		Energy Rate										High Season Demand Rate (Summer & Winter)		Low Season Demand Rate (Other Months)	
					Non-Time Of Use Block 1 ¢ / kWh		Non-Time Of Use Block 2 ¢ / kWh		Time Of Use Peak ¢ / kWh		Time Of Use Shoulder ¢ / kWh		Time Of Use Off-Peak ¢ / kWh		Time Of Use Peak-only \$/ kVA / month		Time Of Use Peak-only \$/ kVA / month	
			\$ / day		Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Domestic (IBT)	N70	EN70	0.3585	0.39435	10.8934	11.98274	12.4941	13.74351										
Controlled Load 1 (Off-Peak 1)	N50	EN50	0.0400	0.04400	0.6419	0.70609												
Controlled Load 2 (Off-Peak 2)	N54	EN54	0.0400	0.04400	2.8417	3.12587												
Domestic TOU, Type 5 Meter	N705	N705	0.8649	0.95139					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359				
Domestic TOU, Type 6 Meter	N706	N706	0.5635	0.61985					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359				
General Supply Non-TOU (IBT)	N90	EN90	0.5122	0.56342	9.7650	10.74150	11.5226	12.67486										
General Supply TOU	N84	EN84	0.8811	0.96921					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251				
General Supply TOU, Type 5 Meter	N845	N845	1.1551	1.27061					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251				
Transitional General Supply TOU*	N89	EN89	18.0100	19.81100					16.3078	17.93858	9.1669	10.08359	1.7648	1.94128				
LV Demand TOU	N19	EN19	18.0100	19.81100					4.7047	5.17517	3.2436	3.56796	1.3777	1.51547	14.2174	15.63914	13.2098	14.53078
HV Demand TOU	N29	EN29	29.8000	32.78000					3.4870	3.83570	2.6851	2.95361	1.1534	1.26874	10.3721	11.40931	9.6569	10.62259
ST Demand TOU	N39	EN39	46.8400	51.52400					3.0868	3.39548	2.3335	2.56685	1.0660	1.17260	7.8510	8.63610	7.3783	8.11613

#### IMPORTANT NOTES:

\* = This is a Transitional Network Tariff applicable to selected customers with annual consumption > 160 MWh. It is not available on application.

Network Tariff codes prefixed 'N' may appear on an invoice with a prefix 'EN'.

The inclining block thresholds are 1,750 kWh per quarter for Domestic (IBT) tariffs and 2,500 kWh per quarter for General Supply Non-TOU (IBT) tariffs.

The network prices in this table are inclusive of transmission passthrough charges and recovery of the NSW Climate Change Fund contribution.



2.9.2 Table 2 – Small Non-market Generation Pricing

Prices effective 1 July 2014

Endeavour Energy 2014/15 Network Prices for Small Non-Market Generation	Network Tariff Code	Service Rate	Network Access Charge		Energy Rate										High Season Demand Rate (Summer & Winter)		Low Season Demand Rate (Other Months)		Generated Energy Rate (Credit)	
					Non-Time Of Use Block 1 ¢ / kWh		Non-Time Of Use Block 2 ¢ / kWh		Time Of Use Peak ¢ / kWh		Time Of Use Shoulder ¢ / kWh		Time Of Use Off-Peak ¢ / kWh		Time Of Use Peak-only \$ / kVA / month		Time Of Use Peak-only \$ / kVA / month		Non-Time of Use ¢ / kWh	
			\$ / day		Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
			Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Domestic (IBT) Solar (Net)	NS70	GN70	0.3585	0.39435	10.8934	11.98274	12.4941	13.74351										0.00	0.00	
Domestic (IBT) Solar (Gross)	NG70	NGZ7	0.3585	0.39435	10.8934	11.98274	12.4941	13.74351										0.00	0.00	
Domestic TOU, Type 5 Meter Solar (Net)	NS75	GN75	0.8649	0.95139					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359				0.00	0.00	
Domestic TOU, Type 5 Meter Solar (Gross)	NG75	GG75	0.8649	0.95139					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359				0.00	0.00	
Domestic TOU, Type 6 Meter Solar (Net)	NS76	GN76	0.5635	0.61985					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359				0.00	0.00	
Domestic TOU, Type 6 Meter Solar (Gross)	NG76	GG76	0.5635	0.61985					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359				0.00	0.00	
General Supply Non-TOU (IBT) Solar (Net)	NS90	GN90	0.5122	0.56342	9.7650	10.74150	11.5226	12.67486										0.00	0.00	
General Supply Non-TOU (IBT) Solar (Gross)	NG90	NGZ9	0.5122	0.56342	9.7650	10.74150	11.5226	12.67486										0.00	0.00	
General Supply TOU Solar (Net)	NS84	GN84	0.8811	0.96921					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251				0.00	0.00	
General Supply TOU Solar (Gross)	NG84	GG84	0.8811	0.96921					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251				0.00	0.00	
General Supply TOU, Type 5 Mtr. Solar (Net)	NS85	GN85	1.1551	1.27061					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251				0.00	0.00	
General Supply TOU, Type 5 Mtr. Solar (Gross)	NG85	GG85	1.1551	1.27061					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251				0.00	0.00	
Transitional General Supply TOU Solar (Net) [1]	NS89	GN89	18.0100	19.81100					16.3078	17.93858	9.1669	10.08359	1.7648	1.94128				0.00	0.00	
LV Demand TOU Solar (Net)	NS19	GN19	18.0100	19.81100					4.7047	5.17517	3.2436	3.56796	1.3777	1.51547	14.2174	15.63914	13.2098	14.53078	0.00	0.00
HV Demand TOU (Net)	NS29	GN29	29.8000	32.78000					3.4870	3.83570	2.6851	2.95361	1.1534	1.26874	10.3721	11.40931	9.6569	10.62259	0.00	0.00
ST Demand TOU (Net)	NS39	GN39	46.8400	51.52400					3.0868	3.39548	2.3335	2.56685	1.0660	1.17260	7.8510	8.63610	7.3783	8.11613	0.00	0.00
Net Solar Generation [2]	NESN	NNZO																0.00	0.00	
Gross Solar Generation [3]	NESG	NGZO																0.00	0.00	
Generator [4]	GENR	GENR																0.00	0.00	

IMPORTANT NOTES:

Network Tariff codes prefixed 'NS' or 'NG' may appear on an invoice with the prefix 'GN' or 'GG', respectively.

The inclining block thresholds are 1,750 kWh per quarter for Domestic (IBT) tariffs and 2,500 kWh per quarter for General Supply Non-TOU (IBT) tariffs.

[1] This is a Transitional Network Tariff applicable to selected customers with annual consumption > 160 MWh. It is not available on application.

[2] NESN can be applied to a detented, single register, net metered installation determined ineligible for the NSW Solar Bonus Scheme.

[3] NESG can be applied to a single register gross metered installation determined ineligible for the NSW Solar Bonus Scheme.

[4] GENR can be applied to gross metered installations determined ineligible for the NSW Solar Bonus Scheme.

Eligibility for the NSW Solar Bonus Scheme (SBS) is outlined in the explanatory notes.

The network prices in this table (with the exception of Generated Energy) are inclusive of transmission passthrough charges and recovery of the NSW Climate Change Fund contribution.

2.9.3 Table 3a – Solar Bonus Scheme (Gross Metered) Pricing

Prices effective 1 July 2014

Endeavour Energy 2014/15 Network Prices for NSW Solar Bonus Scheme - Gross Metered	Network Tariff Code	Service Rate	Network Access Charge		Energy Rate										Generated Energy Rate (Credit) (#)	
					Non-Time Of Use Block 1		Non-Time Of Use Block 2		Time Of Use Peak		Time Of Use Shoulder		Time Of Use Off-Peak		Non-Time of Use	
			\$ / day		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh	
			Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Feed-In Credit (eligible customer), Gross meter [1], 'Detented'	NFIT	ENFI													54.90	54.90
Feed-In Credit (eligible customer), Gross meter [2], 'Detented'	NFT2	ENF2													14.90	14.90
Feed-In Credit (eligible customer), Gross DR meter [3], General Supply TOU	NFTL	ENFL	0.8811	0.96921					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251	54.90	54.90
Feed-In Credit (eligible customer), Gross DR meter [4], General Supply TOU	NFTM	ENFM	0.8811	0.96921					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251	14.90	14.90
Feed-In Credit (eligible customer), Gross DR meter [5], Domestic TOU Type 5	NFTP	ENFP	0.8649	0.95139					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359	54.90	54.90
Feed-In Credit (eligible customer), Gross DR meter [6], Domestic TOU Type 5	NFTQ	ENFQ	0.8649	0.95139					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359	14.90	14.90
Feed-In Credit (eligible customer), Gross DR meter [7], Domestic IBT	NFTG	ENFG	0.3585	0.39435	10.8934	11.98274	12.4941	13.74351							54.90	54.90
Feed-In Credit (eligible customer), Gross DR meter [8], Domestic IBT	NFTH	ENFH	0.3585	0.39435	10.8934	11.98274	12.4941	13.74351							14.90	14.90
Feed-In Credit (eligible customer), Gross DR meter [9], General Supply IBT	NFTJ	ENFJ	0.5122	0.56342	9.7650	10.74150	11.5226	12.67486							54.90	54.90
Feed-In Credit (eligible customer), Gross DR meter [10], General Supply IBT	NFTK	ENFK	0.5122	0.56342	9.7650	10.74150	11.5226	12.67486							14.90	14.90

IMPORTANT NOTES:

Network Tariff codes may appear on an invoice with a prefix 'ENF' instead of 'NFI' or 'NFT', e.g. NFT2 appears as ENF2

The inclining block thresholds are 1,750 kWh per quarter for Domestic (IBT) tariffs and 2,500 kWh per quarter for General Supply Non-TOU (IBT) tariffs.

Eligibility for the NSW Solar Bonus Scheme (SBS) is outlined in the explanatory notes.

- [1] This Network Tariff applies to customers with gross metering.
- [2] This Network Tariff applies to customers with gross metering.
- [3] This Network Tariff applies to customers with gross metering originally on General Supply TOU (N84).
- [4] This Network Tariff applies to customers with gross metering originally on General Supply TOU (N84).
- [5] This Network Tariff applies to customers with gross metering originally on Domestic TOU (N705).
- [6] This Network Tariff applies to customers with gross metering originally on Domestic TOU (N705).
- [7] This Network Tariff applies to customers with gross metering originally on Domestic IBT (N70).
- [8] This Network Tariff applies to customers with gross metering originally on Domestic IBT (N70).
- [9] This Network Tariff applies to customers with gross metering originally on General Supply IBT (N90).
- [10] This Network Tariff applies to customers with gross metering originally on General Supply IBT (N90).

\* Under a private ruling from the Australian Tax Office, GST does not apply to NSW SBS billing (credit) transactions, between Endeavour Energy as the operator of a *distribution system* and a *retail supplier*.

We recommend that customers receiving credits under the NSW SBS seek independent advice from their accountant or the Australian Tax Office, as to whether SBS payments are taxable in their particular circumstances.

The network prices in this table (with the exception of Generated Energy) are inclusive of transmission passthrough charges and recovery of the NSW Climate Change Fund contribution.

2.9.4 Table 3b – Solar Bonus Scheme (Net Metered) Pricing

Prices effective 1 July 2014

Endeavour Energy 2014/15 Network Prices for NSW Solar Bonus Scheme - Net Metered	Network Tariff Code	Service Rate	Network Access Charge		Energy Rate										Generated Energy Rate (Credit) (#)	
					Non-Time Of Use Block 1		Non-Time Of Use Block 2		Time Of Use Peak		Time Of Use Shoulder		Time Of Use Off-Peak		Non-Time of Use	
			\$ / day		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh	
			Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Feed-In Credit (eligible customer), Net meter [1], 'Detented'	NFT3	ENF3													54.90	54.90
Feed-In Credit (eligible customer), Net meter [2], 'Detented'	NFT4	ENF4													14.90	14.90
Feed-In Credit (eligible customer), Net meter [3], General Supply TOU	NFT5	ENF5	0.8811	0.96921					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251	54.90	54.90
Feed-In Credit (eligible customer), Net meter [4], General Supply TOU	NFT6	ENF6	0.8811	0.96921					16.4165	18.05815	10.7803	11.85833	5.0841	5.59251	14.90	14.90
Feed-In Credit (eligible customer), Net meter [5], Domestic TOU Type 5	NFT7	ENF7	0.8649	0.95139					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359	54.90	54.90
Feed-In Credit (eligible customer), Net meter [6], Domestic TOU Type 5	NFT8	ENF8	0.8649	0.95139					18.8334	20.71674	10.9871	12.08581	4.8669	5.35359	14.90	14.90
Feed-In Credit (eligible customer), Net meter [7], Domestic IBT	NFT9	ENF9	0.3585	0.39435	10.8934	11.98274	12.4941	13.74351							54.90	54.90
Feed-In Credit (eligible customer), Net meter [8], Domestic IBT	NFT0	ENF0	0.3585	0.39435	10.8934	11.98274	12.4941	13.74351							14.90	14.90
Feed-In Credit (eligible customer), Net meter [9], General Supply IBT	NFTA	ENFA	0.5122	0.56342	9.7650	10.74150	11.5226	12.67486							54.90	54.90
Feed-In Credit (eligible customer), Net meter [10], General Supply IBT	NFTB	ENFB	0.5122	0.56342	9.7650	10.74150	11.5226	12.67486							14.90	14.90

IMPORTANT NOTES:

Network Tariff codes may appear on an invoice with a prefix 'ENF' instead of 'NFT', e.g. NFT3 appears as ENF3

The inclining block thresholds are 1,750 kWh per quarter for Domestic (IBT) tariffs and 2,500 kWh per quarter for General Supply Non-TOU (IBT) tariffs.

Eligibility for the NSW Solar Bonus Scheme (SBS) is outlined in the explanatory notes.

[1] This Network Tariff applies to customers with net metering ('Detented' meter) originally on Domestic IBT (N70), Domestic TOU Type 6 (N706) or General Supply IBT (N90).

[2] This Network Tariff applies to customers with net metering ('Detented' meter) originally on Domestic IBT (N70), Domestic TOU Type 6 (N706) or General Supply IBT (N90).

[3] This Network Tariff applies to customers with net metering originally on General Supply TOU (N84).

[4] This Network Tariff applies to customers with net metering originally on General Supply TOU (N84).

[5] This Network Tariff applies to customers with net metering originally on Domestic TOU (N705).

[6] This Network Tariff applies to customers with net metering originally on Domestic TOU (N705).

[7] This Network Tariff applies to customers with net metering originally on Domestic IBT (N70).

[8] This Network Tariff applies to customers with net metering originally on Domestic IBT (N70).

[9] This Network Tariff applies to customers with net metering originally on General Supply IBT (N90).

[10] This Network Tariff applies to customers with net metering originally on General Supply IBT (N90).

\* Under a private ruling from the Australian Tax Office, GST does not apply to NSW SBS billing (credit) transactions, between Endeavour Energy as the operator of a *distribution system* and a *retail supplier*.

We recommend that customers receiving credits under the NSW SBS seek independent advice from their accountant or the Australian Tax Office, as to whether SBS payments are taxable in their particular circumstances.

The network prices in this table (with the exception of Generated Energy) are inclusive of transmission passthrough charges and recovery of the NSW Climate Change Fund contribution.

## 2.9.5 Table 3c – Solar Bonus Scheme (Net Metered) Combination Pricing

Prices effective 1 July 2014

Endeavour Energy 2014/15 Network Prices for NSW Solar Bonus Scheme - Net Metered (Continued)	Network Tariff Code	Service Rate	Network Access Charge		Energy Rate						Generated Energy Rate (Credit) (#)	
					Non-Time Of Use Block 1		Non-Time Of Use Block 2		Controlled Load Non-Time Of Use		Non-Time of Use	
			\$ / day		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh	
			Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST *
Feed-In Credit (eligible customer), Net Combo meter [1], Domestic + C.L.1	NFTC	ENFC	0.3985	0.43835	10.8934	11.98274	12.4941	13.74351	0.6419	0.70609	14.90	14.90
Feed-In Credit (eligible customer), Net Combo meter [2], Domestic + C.L.2	NFTD	ENFD	0.3985	0.43835	10.8934	11.98274	12.4941	13.74351	2.8417	3.12587	14.90	14.90
Feed-In Credit (eligible customer), Net Combo meter [3], General Supply + C.L.1	NFTE	ENFE	0.5522	0.60742	9.7650	10.74150	11.5226	12.67486	0.6419	0.70609	14.90	14.90
Feed-In Credit (eligible customer), Net Combo meter [4], General Supply + C.L.2	NFTF	ENFF	0.5522	0.60742	9.7650	10.74150	11.5226	12.67486	2.8417	3.12587	14.90	14.90

### IMPORTANT NOTES:

Network Tariff codes may appear on an invoice with a prefix 'ENF' instead of 'NFT', e.g. NFTC appears as ENFC

The inclining block thresholds are 1,750 kWh per quarter for Domestic (IBT) tariffs and 2,500 kWh per quarter for General Supply Non-TOU (IBT) tariffs.

Eligibility for the NSW Solar Bonus Scheme (SBS) is outlined in the explanatory notes.

[1] This Network Tariff applies to customers with net metering originally on Domestic IBT with Controlled Load 1 combination (NC01).

[2] This Network Tariff applies to customers with net metering originally on Domestic IBT with Controlled Load 2 combination (NC02).

[3] This Network Tariff applies to customers with net metering originally on General Supply IBT with Controlled Load 1 combination (NC03).

[4] This Network Tariff applies to customers with net metering originally on General Supply IBT with Controlled Load 2 combination (NC04).

\* Under a private ruling from the Australian Tax Office, GST does not apply to NSW SBS billing (credit) transactions, between Endeavour Energy as the operator of a *distribution system* and a *retail supplier*.

We recommend that customers receiving credits under the NSW SBS seek independent advice from their accountant or the Australian Tax Office, as to whether SBS payments are taxable in their particular circumstances.

The network prices in this table (with the exception of Generated Energy) are inclusive of transmission passthrough charges and recovery of the NSW Climate Change Fund contribution.

2.9.6 Table 4 – Combination Pricing

Prices effective 1 July 2014

Endeavour Energy 2014/15 Combination Network Prices	Network Tariff Code	Service Rate	Network Access Charge		Energy Rate					
					Uncontrolled Non-Time Of Use Block 1		Uncontrolled Non-Time Of Use Block 2		Controlled Load Non-Time Of Use	
			\$ / day		¢ / kWh		¢ / kWh		¢ / kWh	
			Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Domestic (IBT) + Controlled Load 1	NC01	NC01	0.3985	0.43835	10.8934	11.98274	12.4941	13.74351	0.6419	0.70609
Domestic (IBT) + Controlled Load 2	NC02	NC02	0.3985	0.43835	10.8934	11.98274	12.4941	13.74351	2.8417	3.12587
General Supply IBT + Controlled Load 1	NC03	NC03	0.5522	0.60742	9.7650	10.74150	11.5226	12.67486	0.6419	0.70609
General Supply IBT + Controlled Load 2	NC04	NC04	0.5522	0.60742	9.7650	10.74150	11.5226	12.67486	2.8417	3.12587
<b>IMPORTANT NOTES:</b>										
The inclining block thresholds are 1,750 kWh per quarter for Domestic (IBT) tariffs and 2,500 kWh per quarter for General Supply Non-TOU (IBT) tariffs.										
The network prices in this table are inclusive of transmission passthrough charges and recovery of the NSW Climate Change Fund contribution.										

## 2.9.7 Table 5 – Unmetered Supply Pricing

Prices effective 1 July 2014

Endeavour Energy 2014/15 Network Prices for Unmetered Supply	Network Tariff Code	Service Rate	Network Access Charge		Energy Rate			
			\$ / day		Non-Time Of Use Block 1 ¢ / kWh		Non-Time Of Use Block 2 ¢ / kWh	
			Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Other Unmetered Supplies	N99		0.0000	0.00000	9.7650	10.74150	11.5226	12.67486
Traffic Control Signal Lights	ENTL		0.0000	0.00000	9.7650	10.74150		
Street Lighting	ENSL		0.0000	0.00000	9.2194	10.14134		
Nightwatch	ENNW		0.0000	0.00000	6.0833	6.69163		
<b>IMPORTANT NOTES:</b>								
The inclining block threshold is 2,500 kWh per quarter for the 'Other unmetered supplies' tariff.								
The network prices in this table are inclusive of transmission passthrough charges and recovery of the NSW Climate Change Fund contribution.								

## 3.0 MISCELLANEOUS FEES AND CHARGES

### 3.1 Table of Miscellaneous fees and charges

In accordance with Appendix A.2 of the AER's placeholder determination for the transitional regulatory control period, Distribution Network Service Providers can levy miscellaneous charges for services relating indirectly to the conveyance of electricity. Miscellaneous services do not cover any work of a contestable nature being carried out at a *customer's* premises.

The fees and charges set out below apply between 7.30am and 4pm on *business days* (Normal Business Hours), unless specified otherwise in the AER's 2009 Distribution Determination. Additional costs may be incurred for work undertaken at the specific request of *customers* outside these times.

	Description of Fee or Charge	Excl. GST	Incl. GST	Rate Code
1	<p>Supply of Conveyancing Information – Desk Inquiry</p> <p>The provision of information regarding the availability of supply, presence of Endeavour Energy 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.</p> <p>* GST is not applicable.</p>	\$34.00	\$34.00*	None
2	<p>Meter Test</p> <p>The testing of a meter at the request of a <i>customer</i> or <i>retailer</i>. It excludes metering installation types 1 to 4, the testing of which is an unregulated distribution service.</p> <p>If the meter test is undertaken on premises serviced by more than one meter associated with the NMI, the following applies:</p> <ul style="list-style-type: none"> <li>if the meter test reveals that all of the meters associated with the NMI are operating satisfactorily, Endeavour Energy will only levy one charge for the provision of the service; or</li> <li>if the meter test reveals that one or more of the meters associated with the NMI are not operating satisfactorily, Endeavour Energy will not levy any charge for the provision of the service.</li> </ul>	\$75.00	\$82.50	



	Description of Fee or Charge	Excl. GST	Incl. GST	Rate Code
3	<p>Special Meter Reading</p> <p>This service has the same meaning as the meaning given to the expression 'special meter reading' in the AEMO Metrology Procedure: Part A National Electricity Market.</p> <p>It excludes any special meter reading of metering installation types 1 to 4, which is an unregulated distribution service, but subject to a 'light-handed' form of control under Independent Pricing and Regulatory Tribunal of NSW (IPART) Rule 2004/1 Regulation of Excluded Distribution Services; and applies in each of the following circumstances:</p> <p>a) where a <i>customer</i> or a retail supplier requests Endeavour Energy to 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</p> <p>b) where Endeavour Energy attends at a <i>customer's</i> premises for the sole purpose of discharging Endeavour Energy's obligation to read the <i>customer's</i> meter within the period specified by law (but not where Endeavour Energy merely chooses to read the <i>customer's</i> meter without being under a legal obligation to do so) and on attending the <i>customer's</i> premises Endeavour Energy is unable (through no act or omission of Endeavour Energy), to gain access to the meter; or</p> <p>c) where Endeavour Energy and the <i>customer</i> agree on an appointed time at which Endeavour Energy may attend the <i>customer's</i> premises to discharge Endeavour Energy's legal obligation referred to in the above paragraph and when Endeavour Energy attended at the <i>customer's</i> premises at the appointed time, Endeavour Energy (through no act or omission of Endeavour Energy), was unable to gain access to the <i>customer's</i> meter.</p> <p>A charge will not be levied for this service ('special meter reading') in either of the following circumstances:</p> <ul style="list-style-type: none"> <li>• where the <i>customer</i> is or is about to move premises; or</li> <li>• where the service reveals that a scheduled meter reading was inaccurate (as outlined above).</li> </ul> <p>A special meter read may also be charged if a "Reconnection" service order is raised by a Retail supplier for a site that is already energised in an attempt to avoid paying for the special meter read.</p>	\$45.00	\$49.50	AM01 / AM02 / AM03 / AM04

	Description of Fee or Charge	Excl. GST	Incl. GST	Rate Code
4	<p>Disconnection</p> <p>A site visit to a <i>customer's</i> premises for the purpose of disconnecting the <i>customer's</i> supply of electricity for breach by the <i>customer</i> of a <i>customer</i> supply contract or a <i>customer connection contract</i>, or where a <i>retailer</i> has requested that the supply to the <i>customer</i> to be disconnected, and</p> <p><i>Disconnection Visit</i></p> <p>a. A site visit to a <i>customer's</i> premises for the purpose of disconnecting the <i>customer's</i> supply at the request of a Retailer based on the <i>customer's</i> breach of a Customer Supply Contract or for breach of Endeavour Energy's Connection Contract. Disconnection may not occur due to a number of reasons, such as, but not limited to the following:</p> <ul style="list-style-type: none"> <li>• <i>Customer</i> has paid retail bill; or</li> <li>• Breach of <i>customer</i> connection contract has been rectified; or</li> <li>• Unable to access main switch board or metering; or</li> <li>• Safety of Installation or Endeavour Energy's employee; or</li> <li>• Late cancellation by Retailer; or</li> <li>• Change of <i>customer</i> or Retailer for the NMI.</li> </ul> <p><i>Disconnection at Meter Box</i></p> <p>b. The disconnection occurs at the meter box via either the main switch or service fuse removal.</p> <p><i>Disconnection at Pole Top / Pillar Box</i></p> <p>c. A site visit to a <i>customer's</i> premises to disconnect the supply of electricity to a <i>customer</i> at the pole top or pillar box for breach by the <i>customer</i> of their <i>customer</i> supply contract or for a breach of their <i>customer</i> connection contract, or where a Retail supplier has requested that the supply to a <i>customer</i> be disconnected, where the <i>customer</i> has denied access to the meter or had prior to the visit, reconnected supply without authorisation by Endeavour Energy following a previous disconnection.</p> <p>The fee applicable in section 4.b) and 4.c) includes reconnection of supply following the disconnection.</p>	\$45.00	\$49.50	CDH3
		\$90.00	\$99.00	CDF3 / CDM3
		\$152.00	\$167.20	DS18

	Description of Fee or Charge	Excl. GST	Incl. GST	Rate Code
5	<p>Rectification of Illegal Connection</p> <p>Work undertaken by Endeavour Energy to its own property, or to the property of another person in order to:</p> <ul style="list-style-type: none"> <li>a. rectify damage; or</li> <li>b. prevent injury to persons or property, resulting from conduct that constitutes an offence.</li> </ul>	\$227.00	\$249.70	CI03
6	<p>Controlled Load (Off-peak) Conversion</p> <p>The alteration of the off-peak (controlled load) meter at a <i>customer's</i> premises for the purpose of changing the hours of the meter's operation, the fees for which are:</p> <ul style="list-style-type: none"> <li>a. for the first change to or from a Controlled Load Pricing Option within any 12 month period;</li> <li>b. for each additional change to or from a Controlled Load Pricing Option within the same 12 month period.</li> </ul>	Free \$60.00	Free \$66.00	none DM02
7	<p>Reconnection Outside Normal Business Hours</p> <ul style="list-style-type: none"> <li>a. The provision of the reconnection component of the services described in section 4) outside the hours of 7.30 am and 4.00 pm on a working day, at the request of a <i>customer</i>, or</li> <li>b. The connection of electricity to a new <i>customer</i> outside the hours of 7.30 am and 4.00 pm on a working day at the request of the <i>customer</i>.</li> </ul> <p>For reasons of Occupational Health &amp; Safety, any reconnection in accordance with section 7.a), or any connection as in accordance section 7.b), are only available at a meter box.</p>	\$97.00	\$106.70	AC02

**Notes:**

Other fees and charges may also be applicable under special circumstances. For example, there are fees and charges relating to contestable work, *customer connection services* and asset relocations. Please contact us on 133 718, or visit our web site [www.endeavourenergy.com.au](http://www.endeavourenergy.com.au)

## 4.0 MONOPOLY SERVICES CHARGES

### 4.1 Monopoly Services Charges

Ancillary Network Services (previously known as Monopoly Services) are the main services Endeavour Energy provide in respect of new connections and connection alterations. They essentially cover our interactions with ASPs to ensure that the connection works undertaken by them meet appropriate design and technical requirements to be connected to and form part of our network.

In Appendix A.2 of the AER's placeholder determination for the 2014-15 transitional regulatory control period, Distribution Network Service Providers (DNSP) are provided with guidance on the Monopoly Services which are to be provided by the DNSP to the Accredited Service Provider (ASP) in support of performing *customer* funded contestable work.

These charges are shown in the table at 4.3 below.

### 4.2 Definitions

#### 4.2.1 Lots

Where a monopoly service relates to a service connection required for multiple dwelling subdivisions, the per lot fee in the table at 4.3 below in relation to connection related services fees and charges will be applied per service connection.

#### 4.2.2 Design Information/Design Certification

For the services described as 'design information', 'design certification' and 'design rechecking', the hourly labour rate R2 or R3 is to be applied based on Endeavour Energy's assessment of the level of skill required to perform the service

#### 4.2.3 Travel Time (for Inspection of Level 1 work')

In addition to the charge specified or calculated from the table at 4.3 below, Endeavour Energy will charge 30 minutes travel time associated with the inspection of level 1 work at the \$90.20 hourly labour rate (i.e. \$45.10), as indicated in the table of Monopoly Services Charges at item 4.3 below.

#### 4.2.4 Overtime

If a monopoly service is provided outside the hours of 7.30am and 4.00pm on a working day at the request of a *customer* (other than where Endeavour Energy requires that the work be performed outside those hours) Endeavour Energy will charge 175% of the charge for that service carried out in normal working hours. Refer to table 4.3 below for Monopoly Service charges and the table of labour rates shown in 4.2.5.

#### 4.2.5 Labour Rates

The table of labour rates below outlines the hourly labour rates for various classes of labour. Where the \$90.20 rate appears in the table at item 4.3 Monopoly Service Charges, Endeavour Energy 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.

Labour rates have been set by the AER by reference to four different classes of labour: R1, R2a, R2b and R3. The labour classes and the relevant hourly rates are set out in the table below. The charges in the table at 4.3 below have been calculated by reference to the labour class allowed by the AER for each type of service as outlined in Appendix A2 of the AER placeholder determination for the transitional regulatory control period 2014/15.

**Table of Labour Rates (inclusive of GST)**

Labour class	Normal time Hourly rate	Overtime Hourly rate
Administration (R1)	\$71.50	\$125.12
Design (R2a)	\$90.20	\$157.85
Inspector (R2b)	\$90.20	\$157.85
Engineer (R3)	\$108.90	\$190.58

**4.2.6 Inspection (Level 1 work)**

In the case of connection of load, asset relocation and public lighting, the level of inspection will be determined by Endeavour Energy, prior to performing the service.

The grade specified (A, B or C) is the grade of the level 1 ASP, accredited for that grade. (Similarly for level 2 ASPs).

**4.2.7 Substation Commissioning**

Other than in the case of 'Underground urban residential subdivision (vacant lots)', the charge specified only applies to a single substation /RMI unit. In all other cases where commissioning is required the service will be charged at the R3 rate as shown in the table in 4.2.5 above.

**4.2.8 NOSW Form Fee**

The Notification of Service Work (NOSW) form fee will be charged for all installations. For multiple installations each NOSW will be charged the applicable audit fee appropriate to the ASP who completed the installation. For example, Grade A, B or C.

**4.2.9 Chapter 5A NER Fees**

In accordance with chapter 5A of the NER, Endeavour Energy may charge two additional fees as outlined below. Refer to clause 5A.D.4 Site Inspection and clause 5A.C.4 Fee to cover cost of negotiation, of chapter 5A.

**4.2.9.1 Site Inspection fee**

No allowance has been made in the published fee structure for a site visit. If the applicant requests a site visit by Endeavour Energy staff, additional charges may apply based on the estimated time involved. All time involved in the site visit will be charged at the R3 rate as shown in the table in 4.2.5 above.

**4.2.9.2 Negotiation Fee**

Endeavour Energy will charge a connection applicant for a negotiated connection contract a reasonable fee to cover expenses directly and reasonably incurred by Endeavour Energy in assessing the applicant's application and making a connection offer. Endeavour Energy will recover this fee as a debt (whether or not the connection applicant accepts the connection offer). Endeavour Energy will apply the R3 rate in the preparation of estimates associated with negotiation costs.

For enquires related to the application of the Ancillary Network Services – Monopoly Fees in this Network Price List, please contact: [cwadmin@endeavourenergy.com.au](mailto:cwadmin@endeavourenergy.com.au)

### 4.3 Table of Ancillary Network Services – Monopoly Fees

The approved fees and charges (inclusive of GST) are set out in the table of Ancillary Network Services – Monopoly Fees as detailed below:

Connection Related Services	Sub-division							Connection of Load				Asset Relocation	Public Lighting Assets					
	URD				Non-urban			Industrial/Commercial	Load Category	Min Full Rate				Non-urban				
										Hour	Fee							
Administration Fee	Underground Number of Lots				For Underground Use URD Figures			\$71.50/hr (Max 6hr)	URD \$71.50/hr (3hr min)	3	\$214.50	Underground \$71.50/hr (max 6hr)		\$71.50/hr (min 3 hr)	\$71.50/hr (min 3hr)			
					Overhead Number of Poles							Overhead Number of Poles						
	1-5	6-10	11-40	41+	1-5	6-10	11+		Industrial / Commercial \$71.50/hr (3hr min)	3	\$214.50	1-5	\$217.80					
	\$217.80	\$291.50	\$363.00	\$436.70	\$217.80	\$291.50	\$436.70					6-10	\$291.50			11+	\$436.70	
Design Information Fee	Underground Number of Lots				\$90.20/hr (Min 2hr)			\$90.20/hr (Min 2hr)	Industrial / Commercial \$90.20/hr ≤ 200a/phase (lv) ≤ 700a/phase (lv) > 700a/phase (lv) HV Customer Transmission	6	\$541.20	Use Industrial / Commercial URD Rates		\$90.20 or \$108.90/hr (min 2 hr)	\$90.20 or \$108.90/hr (min 2 hr)			
										12	\$1082.40							
	20	\$1804.00																
	25	\$2255.00																
35	\$3157.00	Multi-dwelling \$90.20/hr ≤ 5 units ≤ 20 units ≤ 40 units > 40 units	2	\$180.40	Single Residential \$90.20 (min 2 hr) Multi Dwelling Use URD Multi Dwelling rates													
5	\$451.00																	
10	\$902.00																	
20	\$1804.00																	
Design Certification Fee	Underground Number of Lots				For Underground Use URD underground Rates			Underground Number of Lots		5	10	15	20	35	Underground \$108.90/hr (min 2 hr)		\$90.20 or \$108.90/hr	\$90.20 or \$108.90/hr
								1-10	\$179.30									
								11-40	\$269.50									
	Overhead Number of Poles		Overhead Number of Poles															
	1-5	6-10	11-40	41+	Overhead Number of Poles		41+	\$539.00	Multi-dwelling \$108.90/hr ≤ 5 units ≤ 20 units ≤ 40 units > 40 units	2	5	10	15	1-5	\$90.20			
	Hours				1-5	\$90.20	6-10	\$179.30						6-10	\$179.30			
	1	2	3	4	6-10	\$179.30	For Overhead Use Non-Urban Rates	≤ 40 units						\$1089.00	11+	\$269.50		
	\$90.20	\$179.30	\$269.50	\$358.60	11+	\$269.50		> 40 units						\$1633.50				
									Additional Fee if Indoor Substation	3	\$108.90/hr + \$326.70							
	Design Re-Certification Fee	\$90.20/hr (Min 2hr)							\$108.90/Hr (min 2hr)				\$90.20 or \$108.90/hr	\$90.20 or \$108.90/hr				
Property Tenure Bond	\$15,000.00 (min) regardless of Urban or Rural																	

Connection Related Services	Sub-division											Connection of Load				Asset Relocation	Public Lighting Assets		
	URD			Non-Urban				Industrial / Commercial				URD	Non-Urban / Industrial / Commercial						
Inspection Fee	ASP grade	\$90.20/ hr Underground per Lot			For Underground Use the URD Rates				For Overhead Use the Non-Urban overhead Rates			For Underground \$90.20 or \$108.90/hr	Underground \$90.20 or \$108.90/hr + \$45.10 travelling (min 2 hrs + \$45.10)				\$90.20 or \$108.90/hr + \$45.10 for travelling (min 2 hr + \$45.10)	\$90.20 or \$108.90/hr + \$45.10 for travelling (min 2 hr + \$45.10)	
		Overhead			Underground per Lot			Overhead			Overhead								
		per Pole			per Pole Sub			per Pole			per Pole sub								
		1-10	11-50	51+	1-5	6-10	11+	1-10	11-50	51+	1-5		6-10	11+	per Pole sub				
		A	\$45.10	\$26.40	\$8.80	\$53.90	\$45.10	\$36.30	\$314.60	\$45.10	\$45.10		\$45.10	\$53.90	\$45.10	\$36.30			\$315.70
		B	\$108.90	\$63.80	\$36.30	\$108.90	\$90.20	\$63.80	\$628.10	\$108.90	\$108.90		\$108.90	\$108.90	\$90.20	\$63.80			\$631.40
C	\$225.50	\$135.30	\$63.80	\$199.10	\$179.30	\$135.30	\$793.10	\$225.50	\$225.50	\$225.50	\$199.10	\$179.30	\$135.30	\$793.10					
Inspection of Work Outside Normal Hours	Administration fee \$36.30 per request + Weekday/weekend inspection overtime surcharge \$67.65/hr Public Holiday inspection overtime surcharge \$90.20/hr Provision of Access (Standby) \$90.20/hr # Re-inspection fee \$90.20/hr # Additional Switching \$1331.00 or \$90.20/hr # These fees may also be subject to the overtime charges (\$90.20 x 1.75), if applicable																		
Re-inspection Fee (Level 1 and 2 Work)	\$90.20/hr (min 1hr)																		
Provision of Access Fee (Standby)	Refer table of fees below																		
System Switching Fee	\$30.80/Lot			\$1331.00 per Access Authorisation (AA) or Authority To Work (ATW)															
Substation Commission Fee	\$30.80/Lot			\$999.90/ 1Txf/RMI unit															



Connection Related Services	Sub-division			Connection of Load		Asset Relocation	Public Lighting Assets
	URD	Non-Urban	Industrial / Commercial	URD	Non-Urban / Industrial / Commercial		
Inspection of Service Work (Level 2 Work)	A Grade: \$23.10 per NOSW B Grade: \$37.40 per NOSW C Grade: \$107.80 per NOSW						
Notification of Arrangement	\$217.80 / Early Notification of Arrangement \$217.80 +\$71.50/hr						
Compliance Certificate				\$217.80 Early Compliance Certificate \$217.80 + \$71.50/hr			
Authorisation				\$179.30 per request			
Site Establishment Fee				\$156.20 per new NMI			
Property Enquiries				\$37.40 per enquiry			

Provision of Access Fee		
Normal time – 1 visit (open/close/no isolation)	1 hr	\$72.60
Normal time – 1 visit (open/isolate & CSO to close)	1 hr	\$162.80
Normal time – 2 visits (open/close/no isolation)	2 hrs	\$144.10
Normal time – 2 visits (open/isolate/close)	2 hrs	\$324.50
Overtime – 1 visit (open/close)	1 hr	\$126.50
Overtime – 1 visit (open/isolate & CSO to close)	1 hr	\$283.80
Overtime – 2 visits (open/close/no isolation)	2 hrs	\$253.00
Overtime – 2 visits (open/isolate/close)	2hrs	\$568.70

## 5.0 EXCLUDED DISTRIBUTION SERVICES

### 5.1 Introduction

The AER in its 2009 distribution determination has determined that the following services are deemed to be classified as an unregulated distribution service:

- Customer funded connections;
- Customer specific connection related services; and
- Type 1 to 4 metering services.

The AER's determination was made under transitional provisions set out in Appendix 1 of the National Electricity Rules (the transitional chapter 6 rules). In its determination the AER has noted that under clause 6.2.3B(c) of the transitional chapter 6 rules, in relation to *customer* funded connections, *customer* specific connection related services and metering services (types 1 to 4), Endeavour Energy is required to comply substantially with the requirements of IPART's excluded distribution services rule for the regulatory control period 2009-10 to 2013-14.

IPART established a rule (Rule 2004/1) for the regulation of excluded distribution services. Clause 2.2 of the Rule requires Endeavour Energy to make available to any person to whom excluded distribution services are provided and on Endeavour Energy's web site for downloading a document that:

- a) accurately describes the excluded distribution services;
- b) sets out the standard prices and rates at which they are provided or the methodology by which the prices or rates may be determined; and
- c) sets out the terms and conditions on which the excluded services are provided.

The purpose of this document is to satisfy the information disclosure requirements outlined above.

### 5.2 Customer Funded Connections

#### 5.2.1 Description of Service

"Customer funded connections" are defined to be the design and construction of generator or *customer* funded Connection Works and the design and construction of generator funded or *customer* funded Network Augmentations. Connection Works and Network Augmentations are further defined in IPART's Capital Contributions Determination.

From Endeavour Energy's point of view the provision of connection assets has been contestable for many years. The work can be categorised according to the Industry Code of Practice for Contestable Works as follows:

Level 1: construction and installation of transmission and distribution system assets

Level 2: Category 1: disconnection and reconnection of a *customer's* installation at the point of supply  
Category 2: installation of underground service mains  
Category 3: installation of overhead service mains  
Category 4: installation of Type 5 and Type 6 meters and energising of *customer's* installations.

Level 3: design of transmission and distribution system assets.

*Customers* are free to engage Accredited Service Providers of their choice to undertake the works described above and *customers* will be separately liable to those Accredited Service Providers for their costs related to those works.

### 5.2.2 Pricing Methodology

Endeavour Energy's methodology for the pricing of *customer* funded connections is to ensure the value charged accurately reflects the resources provided together with an appropriate profit component.

The pricing takes into account all the resources required to perform the work and includes items such as labour, materials, plant & vehicles, other direct costs, overheads and profit.

Direct labour costs are calculated using a standard hourly rate, which is a predetermined average for a class of employees. Any overtime required is added to the existing labour costs and then an appropriate on-cost rate is applied.

Direct material costs reflect the reasonable value for the materials required. Internal plant & vehicle usage is calculated using a standard hourly rate which is an average based on various categories. Any other direct expenditure is included at a reasonable cost if external resources are required to undertake the work.

After all direct costs have been accumulated an applicable profit and overhead component is added to determine the total cost of the service. Applicable Government taxes are then added to determine final price for the service.

### 5.2.3 Terms and Conditions for the Provision of Customer Funded Connection Services

*Customers* are required to enter into standard commercial contracts for the provision of *customer* funded connection services by Endeavour.

There are 4 relevant Company documents that contain Terms and Conditions specific to the work being undertaken.

The documents are as follows:

- Model Standing Offer for a Micro Embedded Generator;
- Model Standing Offer for a LV Basic Connection Service;
- Model Standing Offer for a Standard Connection Service; and
- Model Standing Offer for a Standard Connection Service (Subdivision and Asset Relocation).

These documents are available on the Endeavour Energy website ([www.endeavourenergy.com.au](http://www.endeavourenergy.com.au))

### 5.2.4 Endeavour Energy Provided Services

There are some aspects of the *customer* funded connection works that are not contestable either for reasons of network security or employee/*customer* safety or because no other supplier has come forward to provide the service.

Endeavour Energy has declared work within existing zone substations and jointing in the first section of in service underground cables from a zone substation as non-contestable due to network security and safety risks.

Further, Endeavour Energy has declared certain specialised work involving live line techniques and switching for the purpose of maintaining supply to existing *customers* as non-contestable.

Endeavour Energy has prepared a list of the Endeavour Energy Provided Services and the rates it will charge for these services. These rates are listed in Section 5.5. If relevant, these rates are also published in Endeavour Energy's design scoping documents when they are issued to the *customer* or the *customer's* ASP.

The provision of transformers and padmount substations is an area where no other supplier has come forward to provide this service. Endeavour Energy will continue to provide either the transformer or the fully equipped padmount substation at the rates listed in Section 5.5.

## 5.3 Customer Specific Connection Related Services

### 5.3.1 Description of Service

*Customer* specific services are defined to be any of the following undertaken at the request of a *customer*:

- Asset relocation works;
- Conversion to aerial bundled cable; and
- Any other services relating to the connection of a *customer* to the Endeavour Energy distribution system.

but excludes private power line inspections, ancillary network services, miscellaneous services and emergency recoverable works as these form part of the Standard Control Distribution Service.

Temporary, stand-by, reserve or duplicate supplies, other *customer* requested services which are non-standard are considered to be any other services relating to the connection to the Endeavour network.

*Customers* are free to engage Accredited Service Providers of their choice to undertake the works described above and *customers* will be separately liable to those Accredited Service Providers for their costs related to those works.

### 5.3.2 Pricing Methodology

Endeavour Energy's methodology for the pricing of excluded services is to ensure the value charged accurately reflects the resources provided together with an appropriate profit component.

The pricing takes into account all the resources required to perform the work and includes items such as labour, materials, plant & vehicles, other direct costs, overheads and profit.

Direct labour costs are calculated using a standard hourly rate, which is a predetermined average for a class of employees. Any overtime required is added to the existing labour costs and then an appropriate on-cost rate is applied.

Direct material costs reflect the reasonable value for the materials required. Internal plant & vehicle usage is calculated using a standard hourly rate which is an average based on various categories. Any other direct expenditure is included at a reasonable cost if external resources are required to undertake the work.

After all direct costs have been accumulated an applicable profit and overhead component is added to determine the total cost of the service. Applicable Government taxes are then added to determine final price for the service.

### 5.3.3 Terms and Conditions for the Provision of Customer Specific Connection Related Services

*Customers* are required to enter into standard commercial contracts for the provision of *customer* Specific Connection Related Excluded Services by Endeavour Energy. These contracts include Endeavour Energy's terms and conditions for the provision of these services.

On request, Endeavour Energy provides written quotations to *customers* for the provision of *customer* specific connection related services. These quotations are generally valid for a period of one month.

Quotations for *customer* specific connection related excluded services can be either firm (fixed price) or 'do and charge' as requested by the *customer*.

*Customers* must provide a signed "Acceptance of Offer" for *customer* specific connection related services projects to proceed.

## 5.4 Metering Services for Types 1 to 4 Meters

### 5.4.1 Description of Service

Metering services for Types 1 to 4 meters are defined to be Metering Installation Types 1, 2, 3 and 4 as described in Chapter 7 of the National Electricity Rules. The “service” means the meter supply, installation and maintenance, meter reading and tests. These services have been contestable since the start of the National Electricity Market (NEM) in 1998.

The Australian Energy Market Operator (AEMO) has defined the four types of meters in terms of the following volume limits per annum per connection point:

- Type 1 – greater than 1,000 GWh per annum
- Type 2 – 100 to 1,000 GWh per annum
- Type 3 – 750MWh to less than 100 GWH per annum
- Type 4 – less than 750 MWh per annum.

Endeavour Energy provides metering services for Types 1 to 4 meters through the InfoMet business unit. InfoMet is a trading name for Endeavour Energy’s metering service provider. It is important to understand that metering providers (MP) and metering data providers (MDA) are not registered market participants but are accredited by AEMO to provide these services to market participants. AEMO also undertake performance audits of the accredited MPs and MDAs to ensure the maintenance of technical and service standards and provides them with performance reports at regular intervals. AEMO is also the body that will pursue an accredited MP or MDA for non-compliance with the National Electricity Rules requirements.

Under the National Electricity Rules the Responsible Person (RP) nominates the MP and MDA for the various sites. The RP in most cases is the *customer’s retailer* of choice. Of late some end use *customers* have been engaging their own MP and MDA and then advising the RP.

The RP in engaging a MP and MDA usually seeks a number of quotes or tenders from the various accredited bodies and selects the most suitable to their needs. A contract is entered into for the provision of these services and the prices negotiated for these services are all confidential.

### 5.4.2 Pricing Methodology

Endeavour Energy’s methodology for the pricing of excluded services is to ensure the value charged accurately reflects the resources provided together with an appropriate profit component.

The pricing takes into account all the resources required to perform the work and includes items such as labour, materials, plant & vehicles, other direct costs, overheads and profit.

Direct material costs reflect the reasonable value for the materials required. Any other direct expenditure is included at a reasonable cost if external resources are required to undertake the work.

Applicable Government taxes are added to determine final price for the service.

## 5.5 Charges for Endeavour Energy Provided Services

### 5.5.1 Cost of Distribution Services to Terminate Cable at Zone Substations and First Joint Out from the Zone Substation.

Distribution Services	Total Cost (\$)
Zone substation access and supervision for installation of cable(s) for one feeder <ul style="list-style-type: none"> <li>Endeavour Energy to provide access &amp; supervision only to facilitate installation of cable(s) for one feeder by Level 1 ASP into zone substation to switchgear suitable for termination</li> </ul>	\$1,936
Protection setting <ul style="list-style-type: none"> <li>Cost for one 11/22kV feeder only.</li> <li>The cost is only applicable for a new feeder being connected to a circuit breaker.</li> <li>Endeavour Energy to fund protection setting works for existing feeders.</li> </ul>	\$2,658
Testing cable prior to commissioning <ul style="list-style-type: none"> <li>Cost for one cable only.</li> </ul>	\$3,133
Zone substation 11kV circuit breaker cable termination <ul style="list-style-type: none"> <li>Cost for jointing one termination only. All other work by Level 1 ASP including installation of cable suitable for termination.</li> </ul>	\$2,268
Zone substation 22kV circuit breaker cable termination <ul style="list-style-type: none"> <li>Cost for jointing one termination only. All other work by Level 1 ASP including installation of cable suitable for termination.</li> </ul>	\$2,346
Padmount/Indoor 11kV substation cable termination <ul style="list-style-type: none"> <li>Cost for jointing one termination only. All other work by Level 1 ASP including installation of cable suitable for termination.</li> </ul>	\$2,409
Padmount/Indoor 22kV substation cable termination <ul style="list-style-type: none"> <li>Cost for jointing one termination only. All other work by Level 1 ASP including installation of cable suitable for termination.</li> </ul>	\$2,986
Pole top 11kV termination (UGOH) and bonding to OH <ul style="list-style-type: none"> <li>Cost for jointing and bonding (provided OH available to bond to at time of termination) one termination only. All other work by Level 1 ASP including installation of earth electrode, HV cable and earth cable suitable for installation and cable guard.</li> </ul>	\$3,499
Pole top 22kV termination (UGOH) and bonding to OH <ul style="list-style-type: none"> <li>Cost for jointing and bonding (provided OH available to bond to at time of termination) one termination only. All other work by Level 1 ASP including installation of earth electrode, HV cable and earth cable suitable for installation and cable guard.</li> </ul>	\$3,672
11kV Straight through joint <ul style="list-style-type: none"> <li>Cost for jointing one STJ only. All other work by Level 1 ASP including cables to be installed suitable for jointing and joint pit excavation and restoration.</li> </ul>	\$2,409
22kV Straight through joint <ul style="list-style-type: none"> <li>Cost for jointing one STJ only. All other work by Level 1 ASP including cables to be installed suitable for jointing and joint pit excavation and restoration.</li> </ul>	\$2,508
<b>Notes:</b> <ul style="list-style-type: none"> <li>Costs inclusive of GST and are for services carried out during normal working hours &amp; outside normal working hours.</li> <li>Costs do not include traffic control which is not an excluded service. If Endeavour Energy determines that traffic control is required to carry out services, the Level 1 ASP is to arrange traffic control to be provided by an accredited traffic control company as required by Endeavour Energy. If the Level 1 ASP cannot arrange traffic control as required by Endeavour Energy, Endeavour Energy can arrange for traffic control at a cost of \$2,286 (GST inclusive price) per service(s) carried out at the same time within the same isolation area.</li> <li>Cancellation of services (including traffic control arranged by Endeavour Energy) will not be charged for if cancelled due to wet weather.</li> </ul>	

## 5.5.2 Cost of Distribution Services Interruption Avoidance Measures for Contestable Work Planned Electricity Supply Interruptions

Distribution service for the same isolation area	Number	Cost (\$)
Install & remove HV live line links	One set	\$3,116
	Each additional set	\$2,018
Break & remake HV bonds	One set	\$2,446
	Each additional set	\$1,348
Break & remake LV bonds	One set	\$1,581
	Each additional set	\$765
Install & remove temporary LV links	One set	\$1,570
	Each additional set	\$753
Connect & disconnect generator to LV OH mains	One generator	\$1,540
	Each additional generator	\$723
Connect & disconnect generator to a padmount/indoor substation	One generator	\$1,214
	Each additional generator	\$528

### Notes:

- Costs inclusive of GST and are for services carried out during normal working hours & outside normal working hours.
- Costs do not include traffic control which is not an excluded service. If Endeavour Energy determines that traffic control is required to carry out services, the Level 1 ASP is to arrange traffic control to be provided by an accredited traffic control company as required by Endeavour Energy. If the Level 1 ASP cannot arrange traffic control as required by Endeavour Energy, Endeavour Energy can arrange for traffic control at a cost of \$2,483 (GST inclusive price) per service(s) carried out at the same time within the same isolation area.
- Cancellation of services (including traffic control arranged by Endeavour Energy) will not be charged for if cancelled due to wet weather.
- Where two generators are to be connected/disconnected to the network in the same isolation area, one to LV OH mains and one to a padmount/indoor substation, the cost is to be apportioned as one generator connected to LV OH mains (\$1,540) and the additional generator connected to a padmount/indoor substation (\$528).



### 5.5.3 Substation and Transformer Prices (as at May 2014)

Please note: The prices provided are indicative only and may change at any point in time without notice. Actual prices may vary from the indicative prices displayed for a variety of reasons, including but not limited to, variations in the cost of materials, specific *customer* requirements, labour costs and changes in government regulations.

Until a confirmation of price has been issued by Endeavour Energy, the price remains subject to immediate change without notice.

Item	Substation (Incl GST) (\$)	EE Funded Transformer (Incl GST) (\$)
<b>315kVA Padmount Substation</b>		
11kV 315kVA RTRR CB 1250 + F	\$62,898	\$47,418
11kV 315kVA RTRR CB 1250 + FF	\$64,906	\$49,426
11kV 315kVA RTRR CB 1250	\$61,952	\$46,472
11kV 315kVA RTRR FFIFF CAT 1	\$60,336	\$44,856
11kV 315kVA RTRR FFIFF CAT 2	\$63,105	\$47,625
11kV 315kVA RTRR FIF CAT 2	\$61,902	\$46,422
11kV 315kVA RTR CB 1250 + F	\$53,641	\$38,161
11kV 315kVA RTR CB 1250 + FF	\$55,649	\$40,169
11kV 315kVA RTR CB 1250	\$52,695	\$37,215
11kV 315kVA RTR FFIFF CAT 1	\$51,079	\$35,599
11kV 315kVA RTR FFIFF CAT 2	\$53,847	\$38,367
11kV 315kVA RTR FIF CAT 2	\$52,645	\$37,165
11kV 315kVA RT CB 1250 + F	\$48,286	\$32,806
11kV 315kVA RT CB 1250 + FF	\$50,295	\$34,815
11kV 315kVA RT CB 1250	\$47,341	\$31,860
11kV 315kVA RT FFIFF CAT 1	\$45,724	\$30,244
11kV 315kVA RT FFIFF CAT 2	\$48,493	\$33,013
11kV 315kVA RT FIF CAT 2	\$47,290	\$31,810
22kV 315kVA RTR CAT 1	\$51,793	\$35,832
22kV 315kVA RTRR CAT 1	\$63,077	\$47,116
22kV 315kVA RTR CB 1250	\$53,443	\$37,482
22kV 315kVA RTRR CB 1250	\$64,727	\$48,767

Item	Substation (Incl GST) (\$)	EE Funded Transformer (Incl GST) (\$)
<b>500kVA Padmount Substation</b>		
11kV 500kVA RTRR CB 1250 + F	\$66,489	\$47,723
11kV 500kVA RTRR CB 1250 + FF	\$68,498	\$49,732
11kV 500kVA RTRR CB 1250	\$65,544	\$46,777
11kV 500kVA RTRR FFIFF CAT 1	\$63,927	\$45,161
11kV 500kVA RTRR FFIFF CAT 2	\$66,696	\$47,930
11kV 500kVA RTRR FIF CAT 2	\$65,493	\$46,727
11kV 500kVA RTR CB 1250 + F	\$57,232	\$38,466
11kV 500kVA RTR CB 1250 + FF	\$59,241	\$40,474
11kV 500kVA RTR CB 1250	\$56,286	\$37,520
11kV 500kVA RTR FFIFF CAT 1	\$54,670	\$35,904
11kV 500kVA RTR FFIFF CAT 2	\$57,439	\$38,672
11kV 500kVA RTR FIF CAT 2	\$56,236	\$37,470
11kV 500kVA RT CB 1250 + F	\$51,877	\$33,111
11kV 500kVA RT CB 1250 + FF	\$53,886	\$35,120
11kV 500kVA RT CB 1250	\$50,932	\$32,166
11kV 500kVA RT FFIFF CAT 1	\$49,315	\$30,549
11kV 500kVA RT FFIFF CAT 2	\$52,084	\$33,318
11kV 500kVA RT FIF CAT 2	\$50,881	\$32,115
22kV 500kVA RTR CAT 1	\$55,011	\$35,814
22kV 500kVA RTRR CAT 1	\$64,268	\$45,071
22kV 500kVA RTR CB 1250	\$56,661	\$37,464
22kV 500kVA RTRR CB 1250	\$65,918	\$46,721

Item	Substation (Incl GST) (\$)	EE Funded Transformer (Incl GST) (\$)
<b>1000kVA Padmount Substation</b>		
11kV 1000kVA RTRR CB 2500 + F	\$80,834	\$53,061
11kV 1000kVA RTRR CB 2500 + FF	\$82,838	\$55,065
11kV 1000kVA RTRR CB 2500A	\$79,893	\$52,120
11kV 1000kVA RTR CB 2500 + F	\$71,573	\$43,801
11kV 1000kVA RTR CB 2500 + FF	\$73,577	\$45,805
11kV 1000kVA RTR CB 2500A	\$70,632	\$42,859
11kV 1000kVA RT CB 2500 + F	\$66,215	\$38,443
11kV 1000kVA RT CB 2500 + FF	\$68,220	\$40,447
11kV 1000kVA RT CB 2500A	\$65,278	\$37,505
11kV 1000kVA RTR CAT2 FFIFF	\$67,750	\$39,978
22kV 1000kVA RTR CB 2500A	\$75,535	\$42,832
22kV 1000kVA RTRR CB 2500A	\$84,801	\$52,098

Item	Substation (Incl GST) (\$)	EE Funded Transformer (Incl GST) (\$)
<b>1500kVA Padmount Substations</b>		
11kV 1500kVA RL 3200CB	\$92,368	\$48,455
11kV 1500kVA RLR 3200CB	\$98,006	\$54,092
22kV 1500kVA RL 3200CB	\$100,746	\$48,484
22kV 1500kVA RLR 3200CB	\$106,384	\$54,122

<b>Pole Mounted Transformers</b>	<b>GST Inclusive Price (\$)</b>
<b>With Fittings</b>	
400 KVA 11KV 3PH	\$26,484
300 KVA 11KV 3PH	\$13,632
200 KVA 11 KV 3PH	\$10,644
100 KVA 11 KV 3PH	\$8,655
63 KVA 11 KV 3PH	\$6,685
25 KVA 11 KV 3PH	\$4,887
400 KVA 22 KV 3PH	\$22,755
300 KVA 22 KV 3PH	\$18,251
100 KVA 22 KV 3PH	\$10,709
50 KVA 11 KV 1 PH	\$4,328
25 KVA 11 KV 1 PH	\$3,255
25 KVA 22 KV 1 PH	\$4,385
25 KVA 11 KV (SWER)	\$3,725
<b>Without Fittings</b>	
400 KVA 11KV 3PH	\$25,268
300 KVA 11KV 3PH	\$12,416
200 KVA 11 KV 3PH	\$9,427
100 KVA 11 KV 3PH	\$7,438
63 KVA 11 KV 3PH	\$5,469
25 KVA 11 KV 3PH	\$3,670
400 KVA 22 KV 3PH	\$21,201
300 KVA 22 KV 3PH	\$16,697
100 KVA 22 KV 3PH	\$9,155
50 KVA 11 KV 1 PH	\$3,483
25 KVA 11 KV 1 PH	\$2,409
25 KVA 22 KV 1 PH	\$3,471
25 KVA 11 KV (SWER)	\$3,087
Delivery < 50Km	\$726
Delivery > 50Km,<100 Km	\$1,089
Delivery >100 Km	\$1,452
Culvert	\$1,803

Item	GST Inclusive Price (\$)
<b>Other Items</b>	
Fuse Strip - No CT's (Including 3 x 400A fuses) - Weber	\$655
Fuse Strip - With CT's (Including 3 x 400A fuses) - Weber	\$945
FF+Meter - Two Fuse Strips with CT's and Meter arrangement (for use on Circuit Breakers requiring an additional two fuse strips)	\$2,954
CAT 1 FFIFF	\$10,283
CAT 2 FFIFF	\$13,051
CAT 2 FIF	\$11,849
Siemens RT (Switch Fuse)	\$10,033
Siemens RTR (Switch Fuse Switch)	\$15,388
Siemens RTRR (Switch Fuse Switch Switch)	\$24,645
Siemens RL (Switch+CB)	\$13,543
Siemens RLR (Switch+CB)	\$19,181
Siemens RLRR (Switch+CB)	\$25,767
1250 CB (Weber)	\$11,899
2500 CB (Weber)	\$17,087
3200 CB (Weber)	\$21,918
RRR Switching Station	\$20,585
RRRR Switching Station	\$26,615
Culvert for Switching Station	\$625
Streetlight Control Point (SLCP) 1 Phase	\$1,047
Streetlight Control Point (SLCP) 3 Phase	\$1,120
Labels	\$44

For enquires related to the application of the Excluded Distribution Services Charges in this Network Price List, please contact: [cwadmin@endeavourenergy.com.au](mailto:cwadmin@endeavourenergy.com.au)

## 5.6 Duct Reimbursement Rates

The duct reimbursement programme has been previously undertaken using the guidelines contained in Fact Sheet 11 – October 2013.

This revision provides cost reimbursement arrangements that will apply for 2014/15.

Developers undertaking contestable works, provide electrical infrastructure and are at times required to provide spare ducts required as part of the scope of works and/or additional ducts required by for Endeavour Energy for future use.

There are a number of different arrangements that have been established over time for the supply and reimbursement of ducts depending on the type of development work being undertaken.

### 5.6.1 Background

As a requirement for any contestable underground construction works developers are required to install direct buried cables and provide spare ducts for Endeavour Energy as specified in MDI 0028. Although streetlight cables are to be installed in ducts in accordance with MDI 0028, a spare 50mm is required.

The provision of cable ducts is considered to be part of the connection or relocation work in accordance with Endeavour Energy standards and the developers install these assets at no cost to Endeavour Energy.

In circumstances where Endeavour Energy requires the installation of ducts additional to those described above, Endeavour Energy will pay the developer a reimbursement. There are currently two circumstances leading to a payment of a reimbursement to developers for the installation of Endeavour Energy ducts. The two circumstances are:

- The first and most common case is in projects involving new underground work where Endeavour Energy requests that additional ducts be provided along the same route in addition to ducts that must be installed by the developer.

For example, a subdivision Developer may be required to lay one street lighting cable, one low voltage cable and one high voltage cable for the reticulation of their development. The cable route length is 100m.

Endeavour Energy MCI 0028 requires that the direct buried low voltage and high voltage cables and street lighting cable in a duct to be each provided with a spare duct of the appropriate size free of charge to Endeavour Energy for maintenance purposes.

Therefore the Developer's requirement for providing supply to the subdivision would be to construct one street light cable in a 50mm duct with one spare 50mm duct, one low voltage cable direct buried with one spare LV 125mm duct and one HV cable direct buried with one spare HV 125mm duct.

In this example, Endeavour Energy may then review the design and require one extra 125mm duct for HV and one extra 125mm duct for LV. So the duct and cable configuration in the trench would then be 2x50mm ducts with one being occupied by a street light cable, 2x125mm LV ducts with one direct buried LV cable and 2x125mm HV ducts with one direct buried HV cable.

Endeavour Energy would then pay a reimbursement of \$4,800 being 2 times the route length of 100m of 125mm ducts times the rate of \$24 per metre.

- The second case would arise in circumstances where the developer may not be required to lay cables or ducts along a particular route but Endeavour Energy has requested that ducts be installed whilst the area is being redeveloped rather than disturbing the surface at a later date.

Endeavour Energy has developed a Greenfield schedule of reimbursement rates to be used in the Design Certification stage to provide some certainty for both Developers and Endeavour Energy.

Table 5.1 – Reimbursement Rates for Additional Ducts

Duct	2014/15 Rate per metre
50mm	\$7
125mm	\$24

The practice requiring ducts to be laid along entire street boundaries (where not required for establishing supply) is no longer required and any specific additional ducts required by Endeavour Energy will be reimbursed at standard rates consistent with all development types.

In redevelopment areas Endeavour Energy will only mandate installation of ducts under new driveways and footpaths at the above standard rates. Any additional ducts specifically requested would be reimbursed in the same way as other developments.

The following Greenfield schedule of rates shown in table 5.2 below are to be adopted for negotiating reimbursement for ducts being laid specifically for Endeavour Energy's need and not being installed with other ducts or underground works required by a development.

Table 5.2 – Greenfield Schedule of Rates

Duct	2014/15 Rate per metre (all inclusive)
01	\$56
02	\$108
03	\$142
04	\$167
05	\$223
06	\$248
11	\$65
12	\$117
13	\$151
14	\$176
15	\$232
16	\$256
21	\$74
22	\$126
23	\$160
24	\$184
25	\$241
26	\$265

The prices shown in tables 5.1 and 5.2 do not include under road bores and other situations that must be assessed on a case by case basis. These rates will be used where ducts are required along entire frontages in redevelopment areas where no other ducts (except the portions for driveways at \$24/m for 125mm and \$7/m for 50mm) would be called for.

The provision of ducts by Endeavour Energy in lieu of payment of a reimbursement will continue if requested by the Accredited Service Provider/Customer.

Ducts required as part of the works plus spare ducts for subdivisions are funded by the developer. Endeavour Energy will pay reimbursements for any additional ducts installed at our standard rates \$24 per metre for 125mm ducts and \$7 per metre for 50mm ducts for ducts laid with developer's underground works.

Greenfield rates will be paid for ducts being laid specifically for Endeavour Energy's need and not being installed with other ducts or underground works required by the development except the portion for driveways as shown in table 5.1.

For asset relocations, "like for like" relocation has to be provided by the customer. Any additional requirements by Endeavour Energy will be reimbursed based on the above principle.

In cases where existing ducts belonging to Endeavour Energy are to be used to supply a development, the developer is to reimburse Endeavour Energy for the use of those ducts at the standard reimbursement rate as shown in table 5.1.



## 6.0 METERING CHARGES

Endeavour Energy provides a single phase basic meter as the standard meter. This applies for both single phase and three phase (Type 6) metering installations.

Where a *customer* requires a non-standard meter a capital contribution applies as listed in the table below. Note that dispensation/approval is required for some meter types.

Customer's Proposed Configuration	Customer's Existing Configuration	Capital Contribution	
		Ex GST	Inc. GST
<b>Accumulation Meters</b>			
A single phase accumulation combination meter	A single phase accumulation meter	\$307.63	\$338.39
A three phase accumulation meter	Three single phase accumulation meters	\$71.00	\$78.10
<b>Interval Meters</b>			
A single phase interval (TOU capable) meter	A single phase accumulation meter	\$99.43	\$109.37
A three phase interval (TOU capable) meter	Three single phase accumulation meters	\$415.24	\$456.76
A three phase interval (TOU capable) meter	A three phase accumulation meter	\$307.63	\$338.39

Meters provided by Endeavour Energy for use specifically on solar installations will not attract a capital contribution charge for sites metered after 22 June 2011.

For enquires related to the application of the Metering Charges in this Network Price List, please contact: [franchisemetering@endeavourenergy.com.au](mailto:franchisemetering@endeavourenergy.com.au)