



# NETWORK PRICE LIST: NETWORK TARIFFS 2019-2020

Effective 1 July 2019

Version 1.0

## Document Amendment History

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### 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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# NETWORK TARIFFS

## GENERAL INFORMATION

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### 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 Contact Centre on 133 718.

### 1.2 Network Price List – Network Tariffs

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; and
- f) our minimum charge in a standard billing period.

### 1.3 Enquiries

If you have any questions in relation to this 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 Contact Centre on 133 718.

For specific enquires related to the application of charges in this Network Price List, please refer to the Retail Operations Contact List (ROCL) or:

- Tariff Transfer Requests (basic meters):  
[MassMarketTariffChanges@endeavourenergy.com.au](mailto:MassMarketTariffChanges@endeavourenergy.com.au)
- Tariff Transfer Requests (interval meters):  
[CommercialTariff.Transfers@endeavourenergy.com.au](mailto:CommercialTariff.Transfers@endeavourenergy.com.au)
- Annual Pricing Resets and Regulatory Determination:  
[network.pricing@endeavourenergy.com.au](mailto:network.pricing@endeavourenergy.com.au)
- NMI classification requests (change of size based on consumption):  
[inspection@endeavourenergy.com.au](mailto:inspection@endeavourenergy.com.au)

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This Network Price List and the Network Pricing Options within have been prepared in accordance with the enforceable undertaking agreed between Endeavour Energy and the AER which sets out the 2019-20 network charges effective 1 July 2019.

### 1.4 Network Pricing Options

The different categories of Network Pricing Options available are:

- Standard;
- Combination;
- Unmetered;
- Site Specific;
- Obsolete (post 1 July 2019 Time of Day Definitions);
- Obsolete (pre 1 July 2019 Time of Day Definitions); and
- Obsolete NSW Solar Bonus Scheme Tariffs.

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.

#### 1.4.1. Standard Pricing Options

The available Standard Pricing Options are:

- Residential;
- Controlled Load;
- General Supply; and
- Large Demand.

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 1.4.2, 1.4.3, 1.4.4, 1.4.5, 1.4.6 or 1.4.7 apply.

##### 1.4.1.1. Residential

A Residential Pricing Option 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, 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;
- Residential sections of nursing homes and hospitals;
- Residential sections of educational institutions;

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- 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.

## Residential Flat Tariff – N70

The Residential Flat tariff consists of the following pricing components:

- Network Access Charge (\$/day); and
- A flat energy consumption charge (c/kWh).

## Residential Seasonal TOU Tariff – N71

The Residential Seasonal TOU (Residential STOU) tariff consists of the following pricing components:

- Network Access Charge (\$/day); and
- High-season Peak, Low-season Peak and Off Peak energy consumption charges (c/kWh).

Where High-season Peak, Low-season Peak and Off Peak energy consumption is calculated under the time of day definitions outlined in section 1.6.1.

## Residential Demand Tariff – N72

The Residential Demand tariff consists of the following pricing components:

- Network Access Charge (\$/day);
- A flat energy consumption charge (c/kWh); and
- High-season and Low-season demand charges (\$/kW/month)

Where High-season and Low-season demand is calculated under the time of day definitions outlined in section 1.6.1. Demand charges apply to Peak periods only.

## Residential Transitional Demand Tariff – N73

The Residential Transitional Demand tariff consists of the following pricing components:

- Network Access Charge (\$/day);
- A flat energy consumption charge (c/kWh); and
- High-season and Low-season demand charges (\$/kW/month)

Where High-season and Low-season demand is calculated under the time of day definitions outlined in section 1.6.1. Demand charges apply to Peak periods only.

Tariff N73 is the default tariff for residential *customers*.

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## 1.4.1.2. 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 Residential or General Supply tariff also applies.

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

- a) 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
- b) 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 by Endeavour Energy 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 and Controlled Load relay may be removed.

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

- a) Controlled Load consumption is separately metered using the same type of meter as the uncontrolled portion of a customer's load;
- b) Controlled Load consumption and uncontrolled load consumption is always synchronously read, i.e. on the same day; and
- c) The Controlled Load is managed by Endeavour Energy.
- d) Endeavour Energy's equipment or a Metering Provider's equipment that has the approval of the General Manager – Asset Management controls the supply of electricity to the appliance. If a Meter Provider's equipment is used and the Meter Provider's approval has ended or is revoked, then the Controlled Load Tariff will no longer be allowed for premises with the Meter Provider's equipment still installed.

#### Additional Notes:

- If the customer wishes to take supply on a Controlled Load Tariff for an existing or new premise the Retailer must arrange for the controlled load service by engaging a Metering Provider who has a Load Control Agreement with Endeavour Energy to use their meter as a controlled load device. The Metering Provider must install their meter to provide controlled load services in accordance with this agreement.
- To continue the Controlled Load Tariff where an existing type 4 metering installation with an Endeavour Energy controlled load device has failed, the Retailer must engage a Metering Provider who has a Load Control Agreement with Endeavour Energy to use their meter as a controlled load device. The Metering Provider must install or reconfigure their meter to provide controlled load services in accordance with this agreement. The Retailer must arrange for the failed controlled load device to be replaced within 15 business days of being notified of the controlled load device failure.
- Existing type 5 and 6 metering installations can continue to be controlled by an Endeavour Energy controlled load device. However, to continue supply on the Controlled Load Tariff, Endeavour



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Energy's control load device must be removed when the Retailer arranges for a type 4 meter to be installed. The Retailer must engage a Metering Provider who has a Load Control Agreement with Endeavour Energy to use their meter as a controlled load device. The Metering Provider must install or reconfigure their meter to provide controlled load services in accordance with this agreement.

- For the latest listing of approved Metering Providers please contact Endeavour Energy's Metering Coordinator as per the Retail Operations Contacts List.

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.

Endeavour Energy reserves the right to assign the *customer connection services* to a non-controlled load tariff if the conditions for the Controlled Load Tariff are not met.

Controlled Load tariffs consist of the following pricing components:

- Network Access Charge (\$/day); and
- Flat energy consumption charge (c/kWh).

## 1.4.1.3. General Supply

A General Supply Pricing Option 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
- Electricity is used for any purpose other than Residential, at a connection point with a meter delivering accumulated metering data or interval metering data.

### General Supply Block Tariff – N90

The General Supply Block tariff consists of the following pricing components:

- Network Access Charge (\$/day);
- a first block energy consumption charge, expressed on a ¢/kWh basis, to be applied to electricity consumption (kWh) up to and including 30,000 kWh per quarter; and
- a second block energy consumption charge, expressed on a ¢/kWh basis, to be applied to all electricity consumption (kWh) in excess of Block 1.

### General Supply Seasonal TOU Tariff – N91

The General Supply Seasonal TOU (GS STOU) tariff consists of the following pricing components:

- Network Access Charge (\$/day); and
- High-season Peak, Low-season Peak and Off Peak energy consumption charges (c/kWh).

Where High-season Peak, Low-season Peak and Off Peak energy consumption is calculated under the time of day definitions outlined in section 1.6.1.

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## General Supply Demand Tariff – N92

The General Supply Demand (GS Demand) tariff consists of the following pricing components:

- Network Access Charge (\$/day);
- A flat energy consumption charge (c/kWh); and
- High-season and Low-season demand charges (\$/kW/month)

Where High-season and Low-season demand is calculated under the time of day definitions outlined in section 1.6.1. Demand charges apply to Peak periods only.

## General Supply Transitional Demand Tariff – N93

The General Supply Transitional Demand (GS Transitional Demand) tariff consists of the following pricing components:

- Network Access Charge (\$/day);
- A flat energy consumption charge (c/kWh); and
- High-season and Low-season demand charges (\$/kW/month)

Where High-season and Low-season demand is calculated under the time of day definitions outlined in section 1.6.1. Demand charges apply to Peak periods only.

Tariff N93 is the default tariff for low voltage non-residential customers.

Tariff N93 will be applied when an established energy consumption history is not available to allow the customer to be classified as consuming > 160MWh per annum, therefore requiring a Large Demand pricing option.

Consequently, Tariff N93 is the default tariff for all new (i.e. greenfield) sites and/or NMIs relating to low voltage non-residential *customers*, regardless of future consumption and will be applied until a change in Pricing Option is completed in accordance with clause 1.10 (as initiated by Endeavour Energy or the Retailer).

If, however for new (i.e. greenfield) sites, Endeavour Energy receives an application from the *retailer* at least 30 days before the NMI is energised, then consideration will be given to placing the NMI directly onto the requested tariff providing the following conditions are met:

- Appropriate metrology are in place for demand tariffs using kVA based demand charges; and
- The expected energy consumption falls within the consumption band required by the requested tariff.

If provisional approval is granted, the application can only be finalised when Endeavour Energy receive the first metering data after energisation confirming that the required metrology is in place.

It is the responsibility of the *customer* to arrange for the installation of a suitable interval meter.

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## 1.4.1.4. Large Demand

### Low Voltage Seasonal Time of Use Demand Tariff – N19

The Low Voltage Seasonal Time of Use Demand (LV STOU Demand) 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
- The meter delivers both interval metering data and demand data.

Tariff N19 consists of the following pricing components:

- Network Access Charge (\$/day);
- High-season Peak, Low-season Peak and Off Peak energy consumption charges (c/kWh); and
- High-season and Low-season demand charges (\$/kVA/month).

Where energy consumption and demand charges are calculated under the time of day definitions outlined in section 1.6.1. Demand charges apply to Peak periods only.

It should be noted that the General Supply Transitional Demand Tariff (N93) is the default tariff for all new (i.e. greenfield) sites and/or NMIs relating to low voltage non-residential *customers*, regardless of expected future consumption and will be applied until such time as a change in Pricing Option is affected in accordance with clause 1.10 (as initiated by Endeavour Energy or the Retailer). Consequently, the LV STOU Demand Tariff (N19) will not be applied as the default tariff for new (i.e. greenfield) sites and/or NMIs relating to low voltage non-residential customers.

If, however for new (i.e. greenfield) sites, Endeavour Energy receives an application from the *retailer* at least 30 days before the NMI is energised, then consideration will be given to placing the NMI directly onto the requested tariff providing the following conditions are met:

- Appropriate metrology are in place for demand tariffs using kVA based demand charges; and
- The expected energy consumption falls within the consumption band required by the requested tariff.

If provisional approval is granted, the application can only be finalised when Endeavour Energy receive the first metering data after energisation confirming that the required metrology is in place.

It is the responsibility of the *customer* to arrange for the installation of a suitable interval meter.

### Low Voltage Seasonal Time of Use Transitional Tariff – N89

The Low Voltage Seasonal Time of Use Transitional (LV STOU Transitional) 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
- The meter delivers interval metering data.

Tariff N89 applies to those *customers* who satisfy the LV STOU Demand (N19) 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 N19 is deemed excessive.

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

Tariff N89 is not available by *customer* request.

Tariff N89 consists of the following pricing components:

- Network Access Charge (\$/day); and
- High-season Peak, Low-season Peak and Off Peak energy consumption charges (c/kWh).

Where High-season Peak, Low-season Peak and Off Peak energy consumption is calculated under the time of day definitions outlined in section 1.6.1.

## High Voltage Seasonal Time of Use Demand Tariff – N29

The High Voltage Seasonal Time of Use Demand (HV STOU Demand) 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
- The meter delivers both interval metering data and demand data.

Tariff N29 consists of the following pricing components:

- Network Access Charge (\$/day);
- High-season Peak, Low-season Peak and Off Peak energy consumption charges (c/kWh); and
- High-season and Low-season demand charges (\$/kVA/month).

Where energy consumption and demand charges are calculated under the time of day definitions outlined in section 1.6.1. Demand charges apply to Peak periods only.

## Sub-transmission Time of Use Demand Tariff – N39

The Sub-transmission Seasonal Time of Use Demand (ST STOU Demand) 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
- The meter delivers both interval metering data and demand data.

Tariff N39 consists of the following pricing components:

- Network Access Charge (\$/day);
- High-season Peak, Low-season Peak and Off Peak energy consumption charges (c/kWh); and
- High-season and Low-season demand charges (\$/kVA/month).

Where energy consumption and demand charges are calculated under the time of day definitions outlined in section 1.6.1. Demand charges apply to Peak periods only.

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## 1.4.2. Combination Pricing Options

Combination Pricing Options (as set out in Table 2 of the Network Price Tables) are combinations of standard Pricing Options, which are applicable to *connection points* where an Endeavour Energy owned combination meter is installed<sup>1</sup>. A combination meter is one which can meter both a controlled load and normal Residential (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 (Residential/Controlled Load 1) Pricing Option consists of Residential and Controlled Load 1 charges.

## 1.4.3. Unmetered Pricing Options

Unmetered Supply Pricing Options (as set out in Table 3 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 anytime energy consumption charge (c/kWh) only.

### Streetlighting – ENSL

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

This tariff consists of an anytime energy consumption charge (c/kWh) 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 an anytime energy consumption charge (c/kWh) only.

### Nightwatch – ENNW

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

This tariff consists of an anytime energy consumption charge (c/kWh) only.

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

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<sup>1</sup> Where the combination meter is not owned by Endeavour Energy, the combination pricing option will not apply.

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## 1.4.4. 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.

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.

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 Time of Use Demand tariffs consist of the following pricing components:

- Network Access Charge (\$/day);
- High-season Peak, Low-season Peak and Off-peak energy consumption charges (c/kWh); and
- High-season Peak and Low-season Peak demand charges (\$/kW/month).

Where energy consumption and demand charges are calculated under the time of day definitions outlined in section 1.6.1.

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## **1.4.5. Obsolete Pricing Options (post 1 July 2019 Time of Day Definitions)**

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 4a of the Network Price Tables).

Obsolete (post 1 July Time of Day Definitions) Pricing Options were formulated on the basis of the equivalent Standard Pricing Options and included a Generated Energy (credit) pricing component. These pricing options are closed to new entrants.

The energy consumption and demand charges for these Pricing Options are calculated under the time of day definitions outlined in section 1.6.1.

## **1.4.6. Obsolete Pricing Options (pre 1 July 2019 Time of Day Definitions)**

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 4b of the Network Price Tables).

Obsolete (pre 1 July 2019 Time of Day Definitions) Pricing Options were formulated on the basis of the obsolete tariffs outlined below (N706, N705, N84 and N845) and included a Generated Energy (credit) pricing component. These pricing options are closed to new entrants.

The energy consumption and demand charges for these Pricing Options are calculated under the time of day definitions outlined in section 1.6.2.

### **Residential Time of Use Tariff (Interval data) - N705**

The Residential Time of Use (Res TOU (Interval data)) tariff consists of the following pricing components:

- Network Access Charge (\$/day); and
- Peak, Shoulder and Off Peak energy consumption charges (c/kWh).

Where Peak, Shoulder and Off Peak energy consumption is calculated under the obsolete time of day definitions outlined in section 1.6.2.

### **Residential Time of Use Tariff (Basic data) – N706**

The Residential Time of Use (Res TOU (Basic data)) tariff consists of the following pricing components:

- Network Access Charge (\$/day); and
- Peak, Shoulder and Off Peak energy consumption charges (c/kWh).

Where Peak, Shoulder and Off Peak energy consumption is calculated under the obsolete time of day definitions outlined in section 1.6.2.

### **General Supply Time of Use (Interval data) – N845**

The General Supply Time of Use (GS TOU (Interval data)) tariff consists of the following pricing components:

- Network Access Charge (\$/day); and
- Peak, Shoulder and Off Peak energy consumption charges (c/kWh).

Where Peak, Shoulder and Off Peak energy consumption is calculated under the obsolete time of day definitions outlined in section 1.6.2.

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## General Supply Time of Use (Basic data) – N84

The General Supply Time of Use (GS TOU (Basic data)) tariff consists of the following pricing components:

- Network Access Charge (\$/day); and
- Peak, Shoulder and Off Peak energy consumption charges (c/kWh).

Where Peak, Shoulder and Off Peak energy consumption is calculated under the obsolete time of day definitions outlined in section 1.6.2.

### **1.4.7. Obsolete Solar Bonus Scheme Pricing Options**

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

SBS Pricing Options (as set out in Table 5 of the Network Price Tables) were formulated on the basis of the equivalent Standard Pricing Options and included a Generated Energy (credit) pricing component.

The SBS finished on 31 December 2016 and from 1 January 2017 all Generated Energy Rates were set to zero. All SBS Pricing Options are closed to new entrants.

The energy consumption and demand charges for these Pricing Options are calculated under the time of day definitions outlined in section 1.6.2.

### **1.4.8. Generated Energy Charges (credit)**

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



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## 1.5 Billing Calculations

### 1.5.1. 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:

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

### 1.5.2. 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.

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## 1.5.2.1. Flat 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 9.00 ¢/kWh after the price change:

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:  
 $920 \text{ kWh} \times 9.00 \text{ ¢/kWh} \times (62/92) = \$55.80$

## 1.5.2.2. BT 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(s).

The portion of the Average Daily Consumption less than or equal to the Daily Threshold Level for the First Block 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 during the *billing cycle* there is a change in pricing or with the threshold level(s) 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:

$$L_1 = L_{Q1} \times 4 / D$$

Where:

- $L_1$  = Daily Threshold Level for the First Block (kWh)
- $L_{Q1}$  = Quarterly Threshold Level for the First Block (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:

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

$$E_C = E_A \times P_1 \times t$$

If the Average Daily Consumption is greater than the Daily Threshold Level for the First Block:

$$E_C = (L_1 \times P_1 \times t) + ((E_A - L_1) \times P_2 \times t)$$

Where:

- $E_C$  = pro-rated BT 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 BT customer has a quarterly *billing cycle*, and a change 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 36,000 kWh. Also assume that the pricing year containing the new prices is a leap year with 366 days, rather than the standard year of 365 days.

Assume the energy rate is 10.0 ¢/kWh for Block 1 and 12.0 ¢/kWh for Block 2 before the price change and 9.0 ¢/kWh for Block 1, and 7.0 ¢/kWh for Block 2 after the price change.

Table 1: BT Energy Consumption Charges

Pricing Period	Quarterly Threshold (kWh)	Days in Pricing Year	No Days	Consumption (kWh)	Block 1 (¢/kWh)	Block 2 (¢/kWh)
(1) Old	30,000	365	30	12,000	10.0	12.0
(2) New	30,000	366	60	24,000	9.0	7.0
Billing Cycle			90	36,000		

$$\begin{aligned} \text{Average Daily Consumption} &= 36,000 / 90 \\ &= 400 \text{ kWh / day} \end{aligned}$$

$$\begin{aligned} \text{Daily Threshold Level} \\ \text{Pricing Period (1) Threshold} &= 30,000 * 4 / 365 \\ &= 328.7671 \text{ kWh / day} \end{aligned}$$

$$\begin{aligned} \text{Pricing Period (2) Threshold} &= 30,000 * 4 / 366 \\ &= 327.8689 \text{ kWh / day} \end{aligned}$$

For both pricing periods, the Average Daily Consumption is greater than the Daily Threshold Levels calculated above, so the BT Energy Consumption Charge is calculated as follows:

$$\begin{aligned} \text{Pricing Period (1)} &= \text{Block 1 charge} + \text{Block 2 charge} \\ &= 328.7671 \text{ kWh} \times 10.0 \text{ ¢/kWh} \times 30 \\ &\quad + (400.0 - 328.7671) \text{ kWh} \times 12.00 \text{ ¢/kWh} \times 30 \\ &= \$1,242.74 \end{aligned}$$

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Pricing Period (2)	= Block 1 charge + Block 2 charge
	= 327.8689 kWh x 9.0 ¢/kWh x 60
	+ (400.0 – 327.8689) kWh x 7.00 ¢/kWh x 60
	= \$2,073.44
Energy Charge	= \$1,242.74 + \$2,073.44
	= \$3,316.18

### 1.5.3. Demand Charges

A demand charge is applicable to *customers* on a tariff with a demand-based charging parameter (kW or kVA).

The amount that the *retailer* must pay Endeavour Energy is calculated by multiplying the appropriate GST-inclusive “per kW” or “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*.

A monthly demand charge is payable, based on the highest demand (kW or kVA), which occurred within any half hour interval of that month consumed in a time period defined as ‘High season Peak’ or ‘Low season 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 (kW or kVA) recorded in respect of the *connection point*.

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

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 demand under the old rates and for demand under the new rates is calculated on a pro-rata basis.

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## 1.5.3.1. 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 (kW or kVA) recorded in respect of the connection point.
- $d$  = demand rate (\$/kW/month or \$/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) effective from the 2nd day of January. The chargeable demand for the entire month of January is 310 kVA, and the applicable Pricing Option's demand rate is \$10.00/kVA/month.

R1 would be calculated as follows:  
 $310 \text{ kVA} \times 10.00 \text{ \$/kVA} \times (1/31) = \$100.00$

R2 would be calculated as follows:  
 $310 \text{ kVA} \times 10.00 \text{ \$/kVA} \times (30/31) = \$3,000.00$

Similar pro-rating calculations would occur for each part of the *billing cycle* with a mid-*billing cycle* rate change.

## 1.5.3.2. Demand Metering

Demand is treated as a component of the Data Stream of Interval Metering Data, in accordance with Section 7 of AEMO's MSATS Procedures National Metering Identifier. For the purpose of this Price List, the following definitions are considered equivalent:

Table 2: Demand Metering Definitions

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)

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The demand charge for a month is based on the demand (kW or 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 demand for each interval 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.

The kW demand for each interval is calculated as follows:

$$kW = m \times \sum E_n$$

Where  $m$  is the number of metering intervals in an hour.

Endeavour Energy bills on a 30-minute demand interval. If data is received as 5-minute or 15-minute intervals, the data will be aggregated to 30-minute. When billing on the basis of a 30-minute demand interval, the value of  $m$  in the equations above is 2.

## 1.5.4. 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:  
 $460 \text{ kWh} \times 0.00 \text{ ¢/kWh} \times (62/92) = \$0.00$

# NETWORK TARIFFS

## 1.6 Network Pricing Definitions

### 1.6.1. Time of Day

'Peak' and 'Off Peak' periods are based on the following time periods and apply during both Eastern Standard Time (EST) and Daylight Saving Time (DST):

<i>Business Days</i>	
Peak:	16:00 – 20:00
Off Peak:	All other times.

<i>Non-business Days</i>	
Off Peak:	All times.

Demand charges apply to 'Peak' periods only.

The following seasons apply to 'Peak' energy and demand charges:

High-season:	November to March
Low-season:	April to October

### 1.6.2. Obsolete Time of Day

For Obsolete Pricing Options (pre 1 July 2019 Time of Day Definitions) and Obsolete Solar Bonus Scheme 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):

<i>Business Days</i>	
Peak:	13:00 – 20:00
Shoulder:	07:00 – 13:00 & 20:00 – 22:00
Off Peak:	All other times.

<i>Non-business Days</i>	
Off Peak:	All times.

### 1.6.3. 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.

### 1.6.4. 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%.

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## 1.6.5. 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*.

## 1.6.6. 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.

## 1.6.7. 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.

## 1.6.8. 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.

Table 3: Daylight Saving Data Shift

	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	2 3	4	(etc)	21	22	23	24

The first row represents a normal EST day.



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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.

## 1.7 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).

## 1.8 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*.

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## 1.9 Controlled Load Appliances, Terms and Conditions

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

### 1.9.1. Controlled Load 1

The Controlled Load 1 Pricing Option applies where specified appliances are controlled by Endeavour Energy's equipment or a Meter Provider's equipment that has the approval of the General Manager – Asset Management, 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).

#### 1.9.1.1. Storage Water Heaters

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

- the rated hot water delivery of the storage water heater is not less than 100 litres, unless otherwise approved by the General Manager - Asset Management;
- Endeavour Energy's equipment or a Meter Provider's equipment that has the approval of the General Manager – Asset Management controls the supply of electricity to the heating unit in the storage heaters;
- 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
- unless otherwise approved by the General Manager - Asset Management, heating units must be arranged as multiples of 4.8 kW in accordance with the following table:

Table 4: Storage Water Heater Conditions

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 Residential and General Supply small retail customers.

#### 1.9.1.2. Other Appliances

In relation to swimming pool pumps, pool heating equipment, dishwashers, clothes dryers, washing machines, thermal storage, space heaters (heat banks), under floor heating, ice storage systems, electric vehicle chargers and other appliances, the following additional conditions must all be met:

- each appliance is permanently connected to the fixed wiring;
- all Controlled Load circuits originate at the meter board and are controlled by Endeavour Energy's equipment or a Meter Provider's equipment that has the approval of the General Manager – Asset Management so that supply is available during specified Controlled Load hours; and
- for pool heating, the equipment rating shall not exceed 520 watts per square metre of the water surface, unless approved by the General Manager - Asset Management.

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## 1.9.1.3. 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.

## 1.9.1.4. Transfer Between Pricing Options

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

## 1.9.1.5. 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.

## 1.9.1.6. Application of Controlled Load 1 Pricing Option

The Controlled Load 1 Pricing Option is only available to a *connection point* utilising a Residential or General Supply Pricing Option.

## 1.9.1.7. 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 General Manager - Asset Management, the minimum rated hot water delivery may be reduced in accordance with the following table:

Table 5: Minimum Hot Water Delivery Rating – Controlled Load 1

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

## 1.9.2. Controlled Load 2

The Controlled Load 2 Pricing Option applies where specified appliances are controlled by Endeavour Energy's equipment or a Meter Provider's equipment that has the approval of the General Manager – Asset Management, 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:

- 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; and
- 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:

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Table 6: Minimum Hot Water Delivery Rating – Controlled Load 2

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

### 1.9.3.1. Application of Controlled Load 2 Pricing Option

The Controlled Load 2 Pricing Option is only available to a *connection point* utilising a Residential or General Supply Pricing Option.

# NETWORK TARIFFS

## 1.10 Change of Pricing Option

### 1.10.1. 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 require Endeavour Energy to 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.

### 1.10.2. Retailer initiated change of Pricing Option

*Retailers* can apply for a change in Pricing Option in accordance with this clause. 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 tables illustrate default Pricing Options and those Pricing Options available to *customers* who match specified criteria.

#### 1.10.2.1. Retailer initiated changes to Residential Pricing Options

Table 7: Available Retailer initiated changes to Residential Pricing Options

Residential Customer Type	Meter Type	Default	Alternate (on application)
Existing (pre 1 July 2019)	Basic	N70	n/a
	Interval (installed pre 1 July 2019)	N70	N71, N72 or N73
	Interval (installed post 1 July 2019)	N73	N70, N71 or N72
New (post 1 July 2019)	Interval	N73	N70, N71 or N72

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## 1.10.2.2. Retailer initiated changes to General Supply Pricing Options

Table 8: Available Retailer initiated changes to General Supply Pricing Options

General Supply Customer Type	Meter Type	Default	Alternate (on application)
Existing (pre 1 July 2019)	Basic	N90	n/a
	Interval (installed pre 1 July 2019)	N90	N91, N92 or N93
	Interval (installed post 1 July 2019)	N93	N90, N91 or N92
New (post 1 July 2019)	Interval	N93	N90, N91 or N92

## 1.10.2.3. Retailer initiated changes to Large Demand Pricing Options

Table 9: Available Retailer initiated changes to Large Demand Pricing Options

Customer Criteria			Available Pricing Options <sup>2</sup>	
Customer Type	Annualised Consumption	Supply Voltage	Default	Alternate (on application)
Non-Residential	> 160 MWh	LV	N19	n/a
Non-Residential	n/a	HV	N29	Site Specific
Non-Residential	n/a	ST	N39	Site Specific

## 1.10.2.4. Retailer initiated changes to Obsolete Pricing Options

Table 10: Available Retailer initiated changes to Obsolete Pricing Options

Customer Criteria			Available Pricing Options <sup>2</sup>	
Customer Type	Annualised Consumption	Supply Voltage	Current	Alternate (on application)
Residential	n/a	LV	N705 or N706	N70, N71, N72 or N73
Non-Residential	< 160 MWh	LV	N84 or N845	N90, N91, N92 or N93
Non-Residential	> 160 MWh	LV	N84 or N845	N19

<sup>2</sup> Metrology capable of supporting the selected Pricing Option must be in place before the change of Pricing Option can be approved.

# NETWORK TARIFFS

## 1.10.2.5. Process for retailer initiated changes to Pricing Options

In order to change a Pricing Option a *retailer* must comply with table 11 or 12 below:

Table 11: Process for retailer to change Pricing Option for a site with basic meter

Customer Type	Basic Meter with the following service (note: a connection point may have more than one service)		
	Non Controlled Load service (eg general supply, generation)	Controlled Load service where Endeavour Energy's equipment controls the supply of electricity to the appliance	Controlled Load service where the Meter Provider's equipment, that has the approval of the General Manager – Asset Management, controls the supply of electricity to the appliance
Residential	Email <b>MassMarketTariffChanges@endeavourenergy.com.au</b> nominating the proposed network tariff	Submit a Metering Service Works <b>Meter Reconfiguration B2B Service Order</b> populating the proposed controlled load network tariff	Not applicable
LV Non-Residential	Email <b>MassMarketTariffChanges@endeavourenergy.com.au</b> nominating the proposed network tariff	Submit a Metering Service Works <b>Meter Reconfiguration B2B Service Order</b> with the proposed controlled load network tariff	Not applicable
HV & ST Non-Residential	Not applicable	Not applicable	Not applicable

# NETWORK TARIFFS

Table 12: Process for retailer to change Pricing Option for a site with interval meter

Customer Type	Interval meter with the following service (note: a connection point may have more than one service)		
	Non Controlled Load service (eg general supply, generation)	Controlled Load service where Endeavour Energy's equipment controls the supply of electricity to the appliance	Controlled Load service where the Meter Provider's equipment, that has the approval of the General Manager – Asset Management, controls the supply of electricity to the appliance
Residential	Type 4 meter: Request the Meter Provider to update MSATS with the new network tariff  Type 5 meter: Submit a completed <b>FBS 3000 Form</b> nominating the proposed network tariff	Submit a Metering Service Works <b>Meter Reconfiguration B2B Service Order</b> with the proposed controlled load network tariff	Request the Meter Provider to reconfigure their meter and update MSATS with the new controlled load network tariff
LV Non-Residential	Type 4 & 5 meter: Submit a completed <b>FBS 3000 Form</b> nominating the proposed network tariff	Submit a Metering Service Works <b>Meter Reconfiguration B2B Service Order</b> with the proposed controlled load network tariff	Request the Meter Provider to reconfigure their meter and update MSATS with the new controlled load network tariff
HV & ST Non-Residential	Submit a completed <b>FBS 3000 Form</b> nominating the proposed network tariff	Not applicable	Not applicable

The FBS 3000 form must be completed electronically and emailed 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.



# NETWORK TARIFFS

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.
- All changes to a Pricing Option for a site with an interval meter can only take effect from the 1st day of the next month.
- It is the *retailer's* responsibility, via their metering provider, to ensure that MSATS is populated with the correct network tariff code.
- Fees apply for each completed request to change to a different Controlled Load Pricing Option where Endeavour Energy's equipment is installed. Information regarding fees relating to this service can be found in our Ancillary Network Services Price List.
- 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.
- 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.
- The selected pricing option for each NMI must match the *customer* criteria as indicated in the preceding tables. Tariffs N705, N706, N845, N84 and N89 are not available on application.
- A *customer* can only move away from the Low Voltage Seasonal Time of Use Demand 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 tariffs N90, N91, N92 or N93.
- Controlled Load conversions are not part of the FBS 3000 form process.
- A *customer* is limited to one tariff change per NMI per twelve-month period.

## 1.10.2.6. **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 1.10.2.

## 1.10.2.7. **Default Pricing Option for Low Voltage Non-Residential Customers**

The General Supply Transitional Demand tariff (N93) is the default tariff for low voltage non-residential customers.

# NETWORK TARIFFS

Tariff N93 will be applied when an established energy consumption history is not available to allow the customer to be classified as consuming > 160MWh per annum, therefore requiring a Large Demand pricing option.

Consequently, Tariff N93 is the default tariff for all new (i.e. greenfield) sites and/or NMIs relating to low voltage non-residential *customers*, regardless of future consumption and will be applied until a change in Pricing Option is completed in accordance with clause 1.10 (as initiated by Endeavour Energy or the Retailer).

If, however for new (i.e. greenfield) sites, Endeavour Energy receives an application from the *retailer* at least 30 days before the NMI is energised, then consideration will be given to placing the NMI directly onto the requested tariff providing the following conditions are met:

- Appropriate metrology are in place for demand tariffs using kVA based demand charges; and
- The expected energy consumption falls within the consumption band required by the requested tariff.

If provisional approval is granted, the application can only be finalised when Endeavour Energy receive the first metering data after energisation confirming that the required metrology is in place.

It is the responsibility of the *customer* to arrange for the installation of a suitable interval meter.

### 1.10.3. Tariff Requests for Embedded Networks

Registered embedded networks involve onselling energy to electricity customers connected to a private network which is in turn connected to Endeavour Energy's network. The registered embedded network typically has a single revenue metering location established on the incoming supply. This single revenue metering location is often referred to as the parent or gate metering point. Registered embedded networks can be shopping centres, retirement villages or office buildings.

A typical brownfield registered embedded network is established when:

- An existing multi-occupancy site elects to establish a registered embedded network for the purpose of on selling energy where one or more of the occupants seek retailer of choice instead of purchasing electricity from the embedded network operator. Prior to establishing the registered embedded network, the end use consumers are considered to be connected directly to the Endeavour Energy's distribution network so that all consumers have NMIs registered in MSATS.
- the brownfield registered embedded network is established, and a parent metering point has been registered, the NMIs of consumers originally considered to be connected to the Endeavour Energy distribution network are no longer "energised" and are made extinct in MSATS. Any consumer seeking retailer of choice can be registered with a Child NMI by contacting their retailer of choice.

For parent NMIs, created for the purpose of registering an embedded network, the retailer may apply for a specific network tariff to be assigned from the commencement date. Prior to the commencement date of the registered embedded network, the retailer must complete electronic form FBS 4000 and email the completed form to:

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

Form FBS 4000 is available upon request, from this email address.

Endeavour Energy will notify the retailer if their application has been successful.

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 tariff request for embedded networks, to Endeavour Energy as the Distribution Network Service Provider (DNSP), in an appropriate, compliant and timely manner.

If form FBS 4000 is not received before the commencement date of the embedded network, Endeavour Energy's default tariff for low voltage non-residential *customers*, Tariff N93, will be applied.

# NETWORK TARIFFS

## 1.11 Network Price Tables

Table 1 - Standard Pricing Options

Prices effective 1 July 2019

Endeavour Energy 2019-20 Standard Network Prices	Network Tariff Code	Service Rate	Network Access Charge		Energy Charge										Demand Charge				Generated Energy Rate (Credit)			
			\$ / day		Flat / Block 1 ¢ / kWh		Block 2 ¢ / kWh		STOU High-season Peak (Nov-Mar) ¢ / kWh		STOU Low-season Peak (Apr-Oct) ¢ / kWh		STOU Off Peak ¢ / kWh		Controlled Load Flat ¢ / kWh		High-season (Nov-Mar) \$(kVA or kW)/mth		Low-season (Apr-Oct) \$(kVA or kW)/mth		Flat ¢ / 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	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Residential Flat	N70	EN70	0.3681	0.40491	8.4244	9.26684																
Residential Seasonal TOU	N71	EN71	0.4047	0.44517					19.2024	21.12264	10.5464	11.60104	6.7954	7.47494								
Residential Demand	N72	EN72	0.4047	0.44517	5.0897	5.59867											4.0870	4.49570	1.2505	1.37555		
Residential Transitional Demand	N73	EN73	0.4047	0.44517	6.7503	7.42533											1.0065	1.10715	0.3050	0.33550		
General Supply Block	N90	EN90	0.5268	0.57948	8.6074	9.46814	9.6036	10.56396														
GS STOU	N91	EN91	0.5795	0.63745					19.7234	21.69574	11.0674	12.17414	7.3164	8.04804								
GS Demand	N92	EN92	0.5795	0.63745	4.9922	5.49142											5.6120	6.17320	1.7080	1.87880		
GS Transitional Demand	N93	EN93	0.5795	0.63745	6.6189	7.28079											1.0065	1.10715	0.3050	0.33550		
Control load 1	N50	EN50	0.0324	0.03564											1.3243	1.45673						
Control load 2	N54	EN54	0.0324	0.03564											3.3571	3.69281						
LV STOU Transitional [1]	N89	EN89	20.5400	22.59400					18.2129	20.03419	15.3129	16.84419	8.3659	9.20249								
LV STOU Demand	N19	EN19	20.5400	22.59400					3.9541	4.34951	3.3741	3.71151	1.9851	2.18361			10.0345	11.03795	8.5705	9.42755		
HV STOU Demand	N29	EN29	35.2900	38.81900					1.6601	1.82611	1.6091	1.77001	1.4891	1.63801			8.6925	9.56175	8.5705	9.42755		
ST STOU Demand	N39	EN39	55.4800	61.02800					1.3446	1.47906	1.2976	1.42736	1.1856	1.30416			7.5945	8.35395	7.5030	8.25330		
Net Generation [2]	NESN	NNZO																			0.0000	0.00000
Gross Generation [3]	NESG	NGZO																			0.0000	0.00000
Generation [4]	GENR	GENR																			0.0000	0.00000

### IMPORTANT NOTES:

The new Time of Day definitions effective 1 July 2019 apply to all tariffs in this table (refer Network Price List section 1.6.1).

Network Tariff codes may appear on an invoice as the Service Rate

For General Supply Block Tariffs, Block 1 applies to the first 30,000 kWh per quarter. Block 2 applies to all consumption in excess of Block 1.

[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 net metered generation installation.

[3] NESG can be applied to a gross metered generation installation.

[4] GENR is only to be used if the appropriate assignment to NESN[2] or NESG[3] cannot be identified.

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.

# NETWORK TARIFFS

Table 2 – Combination Options

Prices effective 1 July 2019

Endeavour Energy 2019-20 Combination Network Prices	Network Tariff Code	Service Rate	Network Access Charge		Energy Charge					
					Flat / Block 1		Block 2		Controlled Load Flat	
			\$ / day		¢ / kWh		¢ / kWh		¢ / kWh	
			Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Residential Flat + Controlled Load 1	<b>NC01</b>	NC01	0.4005	0.44055	8.4244	9.26684			1.3243	1.45673
Residential Flat + Controlled Load 2	<b>NC02</b>	NC02	0.4005	0.44055	8.4244	9.26684			3.3571	3.69281
General Supply Block + Controlled Load 1	<b>NC03</b>	NC03	0.5592	0.61512	8.6074	9.46814	9.6036	10.56396	1.3243	1.45673
General Supply Block + Controlled Load 2	<b>NC04</b>	NC04	0.5592	0.61512	8.6074	9.46814	9.6036	10.56396	3.3571	3.69281

## IMPORTANT NOTES:

Network Tariff codes may appear on an invoice as the Service Rate

For General Supply Block Tariffs, Block 1 applies to the first 30,000 kWh per quarter. Block 2 applies to all consumption in excess of Block 1.

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

# NETWORK TARIFFS

Prices effective 1 July 2019

**Table 3 – Unmetered Pricing Options**

Endeavour Energy 2019-20 Combination Network Prices	Network Tariff Code	Service Rate	Network Access Charge		Energy Charge	
			\$ / day		Flat ¢ / kWh	
			Excl. GST	Incl. GST	Excl. GST	Incl. GST
Other Unmetered Supplies	<b>N99</b>	<i>EN99</i>	0.0000	0.00000	8.6074	9.46814
Traffic Control Signal Lights	<b>ENTL</b>	<i>ENTL</i>	0.0000	0.00000	8.6074	9.46814
Street Lighting	<b>ENSL</b>	<i>ENSL</i>	0.0000	0.00000	7.8303	8.61333
Nightwatch	<b>ENNW</b>	<i>ENNW</i>	0.0000	0.00000	6.8406	7.52466

**IMPORTANT NOTES:**

Network Tariff codes may appear on an invoice as the Service Rate  
 The network prices in this table are inclusive of transmission passthrough charges and recovery of the NSW Climate Change Fund contribution.

# NETWORK TARIFFS

Table 4a – Obsolete Pricing Options (post- 1 July 2019 Time of Day Definitions)

Prices effective 1 July 2019

Endeavour Energy 2019-20 Standard Network Prices	Network Tariff Code	Service Rate	Network Access Charge		Energy Charge									Demand Charge				Generated Energy Rate (Credit)		
					Flat / Block 1		Block 2		STOU High-season Peak (Nov-Mar)		STOU Low-season Peak (Apr-Oct)		STOU Off Peak		High-season (Nov-Mar)		Low-season (Apr-Oct)		Flat	
			\$ / day		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh		¢ / kWh		\$(kVA or kW)/mth		\$(kVA or kW)/mth		¢ / 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	Excl. GST	Incl. GST	Excl. GST	Incl. GST
Residential Flat, Solar (Net)	NS70	GN70	0.3681	0.40491	8.4244	9.26684													0.0000	0.00000
Residential Flat, Solar (Gross)	NG70	NGZ7	0.3681	0.40491	8.4244	9.26684													0.0000	0.00000
General Supply Block, Solar (Net)	NS90	GN90	0.5268	0.57948	8.6074	9.46814	9.6036	10.56396											0.0000	0.00000
General Supply Block, Solar (Gross)	NG90	NGZ9	0.5268	0.57948	8.6074	9.46814	9.6036	10.56396											0.0000	0.00000
LV STOU Transitional, Solar (Net) [1]	NS89	GN89	20.5400	22.59400					18.2129	20.03419	15.3129	16.84419	8.3659	9.20249					0.0000	0.00000
LV STOU Demand, Solar (Net)	NS19	GN19	20.5400	22.59400					3.9541	4.34951	3.3741	3.71151	1.9851	2.18361	10.0345	11.03795	8.5705	9.42755	0.0000	0.00000
HV STOU Demand, Solar (Net)	NS29	GN29	35.2900	38.81900					1.6601	1.82611	1.6091	1.77001	1.4891	1.63801	8.6925	9.56175	8.5705	9.42755	0.0000	0.00000
ST STOU Demand, Solar (Net)	NS39	GN39	55.4800	61.02800					1.3446	1.47906	1.2976	1.42736	1.1856	1.30416	7.5945	8.35395	7.5030	8.25330	0.0000	0.00000

## IMPORTANT NOTES:

The new Time of Day definitions effective 1 July 2019 apply to all tariffs in this table (refer Network Price List section 1.6.1).

The tariffs in this table are obsolete and no new customers will be added to them. They are not available on application.

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

Network Tariff codes may appear on an invoice as the Service Rate

For General Supply Block Tariffs, Block 1 applies to the first 30,000 kWh per quarter. Block 2 applies to all consumption in excess of Block 1.

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.

# NETWORK TARIFFS

Table 4b – Obsolete Pricing Options (pre-1 July 2019 Time of Day Definitions)

Prices effective 1 July 2019

Endeavour Energy 2019-20 Standard Network Prices	Network Tariff Code	Service Rate	Network Access Charge		Energy Charge										Generated Energy Rate (Credit)	
					Flat / Block 1		Block 2		TOU Peak		TOU Shoulder		TOU Off Peak		Flat	
			\$ / 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
Res TOU (Interval data)	<b>N705</b>	N705	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443		
Res TOU (Basic data)	<b>N706</b>	N706	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443		
Res TOU (Interval data), Solar (Net)	<b>NS75</b>	GN75	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443	0.0000	0.00000
Res TOU (Interval data), Solar (Gross)	<b>NG75</b>	GG75	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443	0.0000	0.00000
Res TOU (Basic data), Solar (Net)	<b>NS76</b>	GN76	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443	0.0000	0.00000
Res TOU, (Basic data), Solar (Gross)	<b>NG76</b>	GG76	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443	0.0000	0.00000
GS TOU (Basic data)	<b>N84</b>	EN84	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662		
GS TOU, (Interval data)	<b>N845</b>	N845	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662		
GS TOU (Basic data), Solar (Net)	<b>NS84</b>	GN84	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662	0.0000	0.00000
GS TOU (Basic data), Solar (Gross)	<b>NG84</b>	GG84	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662	0.0000	0.00000
GS TOU (Interval data), Solar (Net)	<b>NS85</b>	GN85	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662	0.0000	0.00000
GS TOU (Interval data), Solar (Gross)	<b>NG85</b>	GG85	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662	0.0000	0.00000

## IMPORTANT NOTES:

The old Time of Day definitions apply to all tariffs in this table (refer Network Price List section 1.6.2).

The tariffs in this table are obsolete and no new customers will be added to them. They are not available on application.

Network Tariff codes may appear on an invoice as the Service Rate

For General Supply Block Tariffs, Block 1 applies to the first 30,000 kWh per quarter. Block 2 applies to all consumption in excess of Block 1.

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.

# NETWORK TARIFFS

**Table 5 – Obsolete NSW Solar Bonus Scheme Tariffs (pre-1 July 2019 Time of Day Definitions)**

Prices effective 1 July 2019

Endeavour Energy 2019-20 Standard Network Prices	Network Tariff Code	Service Rate	Network Access Charge		Energy Charge												Generated Energy Rate (Credit)	
					Flat / Block 1		Block 2		TOU Peak		TOU Shoulder		TOU Off Peak		Controlled Load Flat		Flat	
			\$ / day		¢ / kWh		¢ / 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	Excl. GST	Incl. GST
Feed-In Credit, Gross meter, 'Detented'	NFIT	ENFI															0.0000	0.00000
Feed-In Credit, Gross meter, 'Detented'	NFT2	ENF2															0.0000	0.00000
Feed-In Credit, Gross DR meter, GS TOU	NFTL	ENFL	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662			0.0000	0.00000
Feed-In Credit, Gross DR meter, GS TOU	NFTM	ENFM	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662			0.0000	0.00000
Feed-In Credit, Gross DR meter, Res TOU	NFTP	ENFP	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443			0.0000	0.00000
Feed-In Credit, Gross DR meter, Res TOU	NFTQ	ENFQ	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443			0.0000	0.00000
Feed-In Credit, Gross DR meter, Res Flat	NFTG	ENFG	0.3681	0.40491	8.4244	9.26684											0.0000	0.00000
Feed-In Credit, Gross DR meter, Res Flat	NFTH	ENFH	0.3681	0.40491	8.4244	9.26684											0.0000	0.00000
Feed-In Credit, Gross DR meter, GS Block	NFTJ	ENFJ	0.5268	0.57948	8.6074	9.46814	9.6036	10.56396									0.0000	0.00000
Feed-In Credit, Gross DR meter, GS Block	NFTK	ENFK	0.5268	0.57948	8.6074	9.46814	9.6036	10.56396									0.0000	0.00000
Feed-In Credit, Net meter, 'Detented'	NFT3	ENF3															0.0000	0.00000
Feed-In Credit, Net meter, 'Detented'	NFT4	ENF4															0.0000	0.00000
Feed-In Credit, Net meter, GS TOU	NFT5	ENF5	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662			0.0000	0.00000
Feed-In Credit, Net meter GS TOU	NFT6	ENF6	0.5795	0.63745					12.1372	13.35092	7.8822	8.67042	7.4242	8.16662			0.0000	0.00000
Feed-In Credit, Net meter, Res TOU	NFT7	ENF7	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443			0.0000	0.00000
Feed-In Credit, Net meter, Res TOU	NFT8	ENF8	0.4047	0.44517					12.4443	13.68873	8.1893	9.00823	7.7313	8.50443			0.0000	0.00000
Feed-In Credit, Net meter, Res Flat	NFT9	ENF9	0.3681	0.40491	8.4244	9.26684											0.0000	0.00000
Feed-In Credit, Net meter, Res Flat	NFT0	ENF0	0.3681	0.40491	8.4244	9.26684											0.0000	0.00000
Feed-In Credit, Net meter, GS Block	NFTA	ENFA	0.5268	0.57948	8.6074	9.46814	9.6036	10.56396									0.0000	0.00000
Feed-In Credit, Net meter, GS Block	NFTB	ENFB	0.5268	0.57948	8.6074	9.46814	9.6036	10.56396									0.0000	0.00000
Feed-In Credit, Net Combo meter, Res+CL 1	NFTC	ENFC	0.4005	0.44055	8.4244	9.26684									1.3243	1.45673	0.0000	0.00000
Feed-In Credit, Net Combo meter, Res+CL 2	NFTD	ENFD	0.4005	0.44055	8.4244	9.26684									3.3571	3.69281	0.0000	0.00000
Feed-In Credit, Net Combo meter, GS+CL 1	NFTE	ENFE	0.5592	0.61512	8.6074	9.46814	9.6036	10.56396							1.3243	1.45673	0.0000	0.00000
Feed-In Credit, Net Combo meter, GS+CL 2	NFTF	ENFF	0.5592	0.61512	8.6074	9.46814	9.6036	10.56396							3.3571	3.69281	0.0000	0.00000

**IMPORTANT NOTES:**

The old Time of Day definitions apply to the tariffs in this table (refer Network Price List section 1.6.2).  
 The tariffs in this table are obsolete and no new customers will be added to them. They are not available on application.  
 Network Tariff codes may appear on an invoice as the Service Rate  
 For General Supply Block Tariffs, Block 1 applies to the first 30,000 kWh per quarter. Block 2 applies to all consumption in excess of Block 1.  
 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.