

# Energex

## Tariff Schedule

1 July 2016 to 30 June 2017



positive energy

## Version control

Version	Date	Description
1.0		Published version on Energex's website
2.0	27/06/2016	Updated price for 458 & 450 in table 3.11. Updated table 3.13 to display Price in 3 decimal points to align with rates loaded in system Update to reflect approval of Schedule 8 prices.

Energex Limited (Energex) is a Queensland Government Owned Corporation that builds, owns, operates and maintains the electricity distribution network in the growing region of South East Queensland. Energex provides distribution services to almost 1.4 million domestic and business connections, delivering electricity to a population base of around 3.4 million people.

Energex's key focus is distributing safe, reliable and affordable electricity in a commercially balanced way that provides value for its customers, manages risk and builds a sustainable future.

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# 1 Introduction

## RULE REQUIREMENT

### Clause 6.18.9 Publication of information about tariffs and tariff classes

- (a) A Distribution Network Service Provider must maintain on its website:
1. A statement of the provider's tariff classes and the tariffs applicable to each class.

This document is Energex's Tariff Schedule for 2016-17. It has been prepared for the second year of Energex's 2015–20 regulatory control period in accordance with the transitional arrangements under Clause 6.18.9(a)(1) of the National Electricity Rules (the Rules) version 65.

The document outlines Energex's tariffs and charges for direct control services, comprising Standard Control Services (SCS) and Alternative Control Services (ACS), for the period from 1 July 2016 to 30 June 2017. To assist customers and retailers, it also provides eligibility criteria for assigning customers to tariff classes and tariffs, product codes and Ellipse Codes and Peace charge codes for distribution services, and DUoS services which are requested through the B2B communication channels

Further information can be found in Energex's 2016-17 Annual Pricing Proposal<sup>1</sup> which was approved by the Australian Energy Regulator (AER).

<sup>1</sup> Energex's 2016-17 Annual Pricing Proposal, as approved by the AER, is available on Energex's website: <https://www.energex.com.au/home/our-services/pricing-And-tariffs/business-customers/pricing-publications>

## 2 Standard control services tariff classes and tariffs

### 2.1 SCS tariff classes

Energex's network tariff classes have been designed to group similar customers together according to voltage level, usage profiles, and nature of the connection in accordance with the requirements set out in the Rules.

Energex's tariff classes are outlined in Table 2.1.

**Table 2.1 – 2016-17 SCS tariff classes**

Tariff class	Eligibility criteria
Individually Calculated Customers (ICC)	<p>Customers are allocated to the ICC tariff class if they are coupled to the network at 110 kV or 33 kV.<sup>1</sup></p> <p>Customers with a network coupling point at 11 kV may also be allocated to the ICC tariff class only if they meet one or more of the following criteria:</p> <ul style="list-style-type: none"> <li>• the customer's electricity consumption is greater than 40 GWh per year at a single connection; and/or</li> <li>• the customer's annual maximum demand is greater than or equal to 10 MVA; and/or</li> <li>• the customer's circumstances mean that their average shared network charge becomes meaningless or distorted.</li> </ul> <p>Where there is a network on private property and there are site-specific Energex costs associated with operating, maintaining and accessing the network, these costs should be applied directly to the users of those assets when it is economically efficient to do so.</p>
Connection Asset Customers (CAC)	<p>Customers with a network coupling point at 11 kV who are not allocated to the ICC tariff class are allocated to the CAC tariff class.</p> <p>CAC tariffs are based on:</p> <ul style="list-style-type: none"> <li>• the actual dedicated connection assets utilised by the customers; plus</li> <li>• average charges for use of the shared distribution network including common and non-system assets by the relevant tariff class.</li> </ul> <p>Where there is a network on private property and there are site-specific Energex costs associated with operating, maintaining and</p>

Tariff class	Eligibility criteria
	accessing the network, these costs should be applied directly to the users of those assets when it is economically efficient to do so.
Standard Asset Customers (SAC)	<p>All customers connected at LV are classified as SACs.</p> <p>SAC tariffs are based on:</p> <ul style="list-style-type: none"> <li>• average charges for dedicated connection assets; plus</li> <li>• average charges for use of the shared distribution network, including common and non-system assets.</li> </ul>
<p><b>Note:</b></p> <p>1. This tariff class also applies to 110 kV and 33 kV connected generators with an installed capacity greater than 30 kVA.</p>	

## 2.2 SCS tariffs

Each tariff class consists of a number of individual tariffs that are established on the same basis as the tariff classes.

Energex's tariffs for SCS for 2016-17 are described in Table 2 2.

**Table 2.2 - Descriptions of SCS tariffs for 2016-17**

Tariff class	Tariff code	Tariff description
<b>ICC</b>	NTC1000 – ICC	<p>The charges for ICCs are individually calculated on a site-specific basis and are confidential. Energex provides site-specific charges directly to the customer and their electricity retailer.</p> <p>The charges for connection and access services for generators with a network coupling point at 33 kV or 110 kV will be developed on a similar basis to site-specific customers. This is due to the nature of connections, which are typically non-standard and may require additional embedded generator (EG) protection system upgrades.</p> <p>In accordance with the Rules, all generators will receive a charge for connection services regardless of whether they are a net importer or exporter of electricity. However, DUoS charges will not be incurred for the export of electricity generated by the user into the distribution network. Generators who are net importers of electricity will receive appropriate network charges.</p>
<b>CAC</b>		<p>Customers are allocated to one of the CAC tariffs based on the nature of their connection to the network.</p> <p>Tariffs for CACs include a mix of site-specific charging parameters (daily supply charge) and general tariff class charging parameters (demand and usage charges).</p> <p>CAC site-specific tariffs are confidential and Energex provides these site-specific charges directly to the customer and their electricity retailer.</p>
	NTC3000 – EG 11 kV	<p>This tariff is no longer offered to new customers since 1 July 2015.</p> <p>Previously, this tariff was allocated to customers who were predominantly generation customers with a generation capacity greater than 30 kVA. New customers with these characteristics are allocated to NTC4000 – 11 kV Bus or NTC4500 – 11 kV Line.</p>
	NTC4000 – 11 kV Bus	<p>Customers with a network coupling point connection at an 11 kV substation bus via a dedicated 11 kV feeder that is not shared with any customer.</p>
	NTC4500 – 11kV Line	<p>Customers with a network coupling point at an 11 kV feeder shared with other customers.</p>
	NTC8000 – HV Demand	<p>This tariff is no longer offered to new customers since 1 July 2015.</p> <p>Previously, this tariff was allocated to 11 kV customers with energy less than 4 GWh per year and demand less than 1 MVA.</p> <p>New customers with these characteristics are allocated to NTC4000 – 11 kV Bus or NTC4500 – 11 kV Line.</p>
<b>SAC</b>		<p>The tariffs are based on an average shared network charge and average connection charge.</p> <p>Capital contributions may apply to newly connecting SACs and are sought as prepayment for a revenue shortfall in the case of an uneconomic</p>

Tariff class	Tariff code	Tariff description									
		connection. Energex's Connection Policy is available on the Energex website. <sup>1</sup>									
	NTC8100 – Demand Large	This tariff is available to large low voltage customers with consumption greater than 100 MWh per year. Small customers may voluntarily access this tariff. Customers must have appropriate Type 1-4 metering to access this tariff.									
	NTC8300 – Demand Small	This tariff is the default tariff for low voltage customers with consumption greater than 100 MWh per year. Small customers with consumption less than 100MWh may voluntarily access this tariff. Customers must have appropriate Type 1-4 metering to access this tariff.									
	NTC8500 – Business Flat	This tariff is the default tariff for low voltage business customers with consumption less than 100 MWh per year.									
	NTC8800 – Business ToU	<p>This tariff is available to business customers with consumption less than 100 MWh per year. This time of use (ToU) tariff accounts for when, as well as how much, electricity is used by each customer. With ToU, electricity is priced differently depending on the time of day electricity is consumed during off-peak hours, peak hours and shoulder times. Customers must have ToU-capable metering installed to access this tariff.</p> <p>Charging timeframes for Business ToU:</p> <table border="1"> <thead> <tr> <th>Charging Timeframe</th> <th>Weekdays</th> <th>Weekends</th> </tr> </thead> <tbody> <tr> <td>Peak</td> <td>7.00 am – 9.00 pm</td> <td>No weekend peak</td> </tr> <tr> <td>Off-peak</td> <td>9.00 pm – 7.00 am</td> <td>All weekend</td> </tr> </tbody> </table>	Charging Timeframe	Weekdays	Weekends	Peak	7.00 am – 9.00 pm	No weekend peak	Off-peak	9.00 pm – 7.00 am	All weekend
Charging Timeframe	Weekdays	Weekends									
Peak	7.00 am – 9.00 pm	No weekend peak									
Off-peak	9.00 pm – 7.00 am	All weekend									
	NTC8400 – Residential Flat	This tariff is the default tariff for residential customers regardless of their size and cannot be used in conjunction with NTC8900 – Residential ToU.									
	NTC8900 – Residential ToU	<p>This tariff is available to residential customers regardless of their size and cannot be used in conjunction with NTC8400 – Residential Flat. With ToU, electricity is priced differently depending on the time of day electricity is consumed during off-peak hours, peak hours and shoulder times. Customers must have a ToU-capable meter to access this tariff.</p> <p>Charging timeframes for Residential ToU:</p> <table border="1"> <thead> <tr> <th>Charging Timeframe</th> <th>Weekdays</th> <th>Weekends</th> </tr> </thead> <tbody> <tr> <td>Off-peak</td> <td>10.00pm – 7.00 am</td> <td>10.00 pm – 7.00 am</td> </tr> </tbody> </table>	Charging Timeframe	Weekdays	Weekends	Off-peak	10.00pm – 7.00 am	10.00 pm – 7.00 am			
Charging Timeframe	Weekdays	Weekends									
Off-peak	10.00pm – 7.00 am	10.00 pm – 7.00 am									

Tariff class	Tariff code	Tariff description		
		Shoulder	7.00 am – 4.00 pm 8.00 pm – 10.00 pm	7.00 am – 10.00 pm
		Peak	4.00 pm – 8.00 pm	No weekend peak
	NTC7000 – Residential Demand <sup>2,3</sup>	<p>This new demand tariff is available to residential customers regardless of their size and cannot be used in conjunction with tariffs NTC8400 – Residential Flat or NTC8900 – Residential ToU. Customers must have a Type 1-4 meter to access this tariff.</p> <p>The demand charge (\$/kW/month) is based on a single peak over a 30 minute period between 4pm and 8pm on workdays during a monthly billing cycle. Workdays are weekdays but exclude government public holidays.</p>		
	NTC9900 – Solar FiT	<p>This tariff is part of the SBS, and is available to eligible customers participating in the Scheme. The Queensland Government sets the FiT rate (cents per kWh – c/kWh) to be paid for the excess energy generated and fed back into the electricity grid:</p> <p>A 44 c/kWh FiT rate will be paid to customers who became part of the scheme before 9 July 2012 up until 2028 where they continue to meet eligibility requirements.</p>		
	NTC9000 – Super Economy	Details provided in secondary tariffs' terms and conditions in Appendix 3 of the Energex 2016-17 Annual Pricing Proposal.		
	NTC9100 - Economy	Details provided in secondary tariffs' terms and conditions in Appendix 3 of the Energex 2016-17 Annual Pricing Proposal.		
	NTC7300 – Smart Control <sup>2</sup>	Details provided in secondary tariffs' terms and conditions in Appendix 3 of the Energex 2016-17 Annual Pricing Proposal.		
	NTC9600 – Unmetered	<p>This tariff is applicable to unmetered supplies. This includes facilities such as street lighting, public telephones, traffic signals, and public barbecues and watchman lights. Energex only provides connection to the network for these services. The unmetered supply tariff therefore seeks to only recover a contribution towards the shared network (use of system charge). For the provision of street lighting services, additional levies may be incurred; these will be recovered as an ACS.</p>		

Note:

1. Energex, Connection Policy, 1 July 2015, available on the Energex website ([https://www.energex.com.au/\\_data/assets/pdf\\_file/0011/269363/2015-20-Energex-Connection-Policy\\_FINAL-APPROVED-BY-AER.pdf](https://www.energex.com.au/_data/assets/pdf_file/0011/269363/2015-20-Energex-Connection-Policy_FINAL-APPROVED-BY-AER.pdf)).
2. New tariff available from 1 July 2016.
3. Financial Risk Reduction Mechanism (FRRM) applies to this tariff as per the terms and conditions set out in Appendix 4 of the Energex 2016-17 Annual Pricing Proposal.
4. Additional information on eligibility under the scheme can be accessed from the Department of Energy and Water Supply.

## 2.3 2016-17 tariff charges

The proposed tariff levels for SCS in 2016-17, including DUoS, DPPC, jurisdictional scheme payments and total NUoS, are provided in Table 2.3 below.

Site-specific tariffs for ICC and CAC are confidential and are provided directly to the customer and their retailer.

**Table 2.3 - 2016-17 SCS tariff charges**

Tariff class	Tariff	Tariff charge parameter	Unit	DUoS	Jurisdictional	DPPC	NUoS
CAC	NTC4000 11kV Bus	Supply	\$/Day	<i>Site specific prices are confidential</i>			
		Demand	\$/kVA/month	7.442	0.631	1.263	9.336
		Usage off-peak	c/kWh	0.132	0.000	0.238	0.370
		Usage peak	c/kWh	0.132	0.000	0.238	0.370
	NTC4500 11kV Line	Supply	\$/Day	<i>Site specific prices are confidential</i>			
		Demand	\$/kVA/month	11.117	1.373	1.263	13.753
		Usage off-peak	c/kWh	0.132	0.000	0.238	0.370
		Usage peak	c/kWh	0.132	0.000	0.238	0.370
	NTC3000 EG 11kV	Supply	\$/Day	<i>Site specific prices are confidential</i>			
		Demand	\$/kVA/month	9.691	0.524	1.227	11.442
		Usage off-peak	c/kWh	0.132	0.000	0.238	0.370
		Usage peak	c/kWh	0.132	0.000	0.238	0.370
	NTC8000 HV Demand	Supply	\$/Day	26.977	0.721	30.305	58.003
		Demand	\$/kVA/month	10.510	1.410	2.386	14.306
		Usage flat	c/kWh	0.132	0.000	0.638	0.770
SAC	NTC8100 Demand Large	Supply	\$/Day	27.417	2.005	7.851	37.273
		Demand	\$/kVA/month	14.144	2.160	2.099	18.403
		Usage flat	c/kWh	0.654	0.000	1.120	1.774
	NTC8300 Demand Small	Supply	\$/Day	3.098	0.313	1.910	5.321
		Demand	\$/kVA/month	18.087	2.457	1.315	21.859
		Usage flat	c/kWh	0.221	0.000	1.836	2.057
	NTC8500 Business Flat	Supply	\$/Day	0.451	0.009	0.259	0.719
		Usage flat	c/kWh	9.567	1.308	1.610	12.485
	NTC8800 Business TOU	Supply	\$/Day	0.451	0.009	0.259	0.719
Usage off-peak		c/kWh	7.242	0.927	1.513	9.682	
Usage peak		c/kWh	11.259	1.442	1.694	14.395	

Tariff class	Tariff	Tariff charge parameter	Unit	DUoS	Jurisdictional	DPPC	NUoS
	NTC8400 Residential Flat	Supply	\$/Day	0.400	0.009	0.093	0.502
		Usage flat	c/kWh	8.260	1.268	2.095	11.623
	NTC8900 Residential ToU	Supply	\$/Day	0.400	0.009	0.093	0.502
		Usage off-peak	c/kWh	5.633	0.633	0.677	6.943
		Usage shoulder	c/kWh	7.668	0.861	2.095	10.624
		Usage peak	c/kWh	12.762	1.433	4.119	18.314
	NTC7000 Residential Demand	Supply	\$/Day	0.393	0.009	0.000	0.402
		Peak demand	\$/kW/month	4.373	1.529	1.939	7.841
		Usage flat	c/kWh	4.587	0.000	1.129	5.716
	NTC9000 Super Economy	Usage flat	c/kWh	4.069	0.530	1.822	6.421
	NTC9100 Economy	Usage flat	c/kWh	6.981	0.883	1.822	9.686
	NTC7300 Smart control	Usage flat	c/kWh	3.502	0.446	1.129	5.077
	NTC9600 Unmetered	Usage flat	c/kWh	7.390	0.916	1.992	10.298

## 3 Alternative Control Services

### 3.1 Tariff classes

Services provided under the ACS framework are customer specific and/or customer requested services. These services may also have potential for provision on a competitive basis rather than by a single Distribution Network Service Provider (DNSP). ACS are akin to a ‘user-pays’ system. The whole cost of the service is paid by those customers who benefit from the service, rather than recovered from all customers.

There are four ACS tariff classes that are based on the type of service a customer requires:

- Connection services
- Ancillary network services
- Metering services
- Public lighting services.

These services form the basis of tariff classes for ACS which are described in Table 3.1.

**Table 3.1 - 2016-17 ACS tariff classes**

Tariff class	Activity
<b>Connection services</b>	<p><b>Pre-connection services</b></p> <p>Pre-connection services are those services that relate to assessing a connection application, making a connection offer and negotiating offer acceptance and additional support services provided by the DNSP (on request) during connection enquiry and connection application other than general connection enquiry services and connection application services. Generally relates to services which require a customised or site-specific response and/or are available contestably.</p> <p>Unless otherwise specified, services or activities undertaken under this service group relate to both small and large customers and real estate development connections.</p> <p><b>Connection services</b></p> <p>Connection services include the design, construction, commissioning and energisation of connection assets for large customers and for real estate developments.</p> <p>Also includes the augmentation of the network to remove a constraint faced by an embedded generator. This does not include customers with micro-generation facilities that connect under a SAC tariff class. Energex considers that generators larger than 30 kVA but smaller than 1 MW should be treated as embedded generators for the purpose of removing network constraints.</p> <p>Include temporary connections for short term supply (e.g. blood bank vans, school fetes).</p>

Tariff class	Activity
	<p><b>Post-connection services</b> Post-connection services are those services initiated by a customer which are specific to an existing connection point.</p> <p><b>Accreditation services</b> Accreditation of alternative service providers and approval of their designs, works and materials.</p>
<b>Ancillary network services</b>	Ancillary network services include services provided in relation to a Retailer of Last Resort (ROLR) event and works initiated by a customer, which are not covered by another service and are not required for the efficient management of the network, or to satisfy DNSP purposes or obligations.
<b>Metering services</b>	<p><b>Type 6 Metering</b> Metering services encompass the metering installation, provision, maintenance, reading and data services of Type 6 metering.</p> <p><b>Auxiliary Metering Services</b> Includes work initiated by a customer which is specific to a metering point.</p>
<b>Public lighting</b>	Public lighting services relate to the provision, construction and maintenance of public lighting assets owned by Energex (conveyance of electricity to street lights remains an SCS). Includes energy efficient retrofits and new public lighting technologies, including trials.

### 3.2 ACS tariffs

ACS services comprise of a combination of fee based and quoted services. Quoted services are performed on a Price on Application (POA) basis.

Schedule 8 of the Electricity Regulation 2006 sets further price caps on a number of Energex's Price Capped and Quoted services. As the maximum fees in Schedule 8 are imposed through legislation, they take precedence over the maximum prices otherwise approved for these services by the AER.

The application of these lower prices means Energex incurs a revenue shortfall in providing some ACS. This revenue shortfall cannot be recovered from other customers or via other charges.

**Table 3.2 - ACS services subject to Schedule 8**

Service description	Product code	Peace charge code
<b>Connection services – Large Customer Connections</b>		
<b><i>Customer request a temporary connection for short term supply (includes metered and unmetered) – simple</i></b>		
Customer requested temporary connection (short term) and recovery of the temporary builders supply (business hours) - no CT.	NCT1MB	120

<b>Service description</b>	<b>Product code</b>	<b>Peace charge code</b>
Customer requested temporary connection (short term) and recovery of the temporary builders supply (business hours) - CT metering. Includes additional crew.	NCT2MB	122
Temporary connection of unmetered equipment to an existing LV supply.	TUMS	1400
<b>Post Connection Services – Connection Management Services – De-energisation</b>		
<b><i>Retailer requested de-energisation of the customer's premises where the de-energisation can be performed (eg pole, pillar or meter isolation link)</i></b>		
Retailer requests de-energisation of the customer's premises where the de-energisation can be performed at the premises by a method other than main switch seal (i.e. at pillar box, pit or pole top) - no CT.	DN\$D1MB	300
Retailer requests de-energisation of the customer's premises where the de-energisation can be performed at the premises by a method other than main switch seal (i.e. at pillar box, pit or pole top) - CT metering.	DN\$D2MB	302
Retailer requests de-energisation of the customer's premises where the customer has not paid their electricity account and the de-energisation can be performed at the premises by a method other than main switch seal (i.e. at pillar box, pit or pole top) - no CT.	DN\$1MB	304
Retailer requests de-energisation of the customer's premises where the customer has not paid their electricity account and the de-energisation can be performed at the premises by a method other than main switch seal (i.e. at pillar box, pit or pole top) - CT metering.	DN\$2MB	306
<b><i>Retailer Requested De-energisation (Main Switch Seal)</i></b>		
Retailer requests de-energisation of the customer's premises carried out by way of main switch seal (non-payment).	DN\$	320
Retailer requests a de-energisation of the customer's premises and it is carried out by way of Main Switch Seal.	DN\$1MB	324
<b>Post Connection Services – Connection Management Services – Re-energisation</b>		
<b><i>Re-energisation (non-payment) – no visual examination required</i></b>		
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, no CT (business hours).	RN\$1MB	200
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, CT metering (business hours).	RN\$2MB	202
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, no CT (after hours).	RN\$1MA	204
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, CT metering (after hours).	RN\$2MA	206
Retailer requests re-energisation of the customer's premises where	RN\$1MT	208

<b>Service description</b>	<b>Product code</b>	<b>Peace charge code</b>
the customer has not paid their electricity account. No visual required, no CT (any time).		
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, CT metering (any time).	RN\$2MT	210
<b><i>Re-energisation (Main Switch Seal) – no visual required</i></b>		
Retailer requests re-energisation for the customer's premises following a main switch seal (no visual required) (business hours).	RNMSS	406
Retailer requests re-energisation for the customer's premises following a main switch seal (no visual required) (after hours).	RNMSSA	408
Retailer requests re-energisation for the customer's premises following a main switch seal (no visual required) (any time).	RNMSST	410
<b><i>Re-energisation (Main Switch Seal) – non payment – no visual required</i></b>		
Retailer requests re-energisation for the customer's premises following a main switch seal due to non-payment of their electricity account (no visual required) (business hours).	RNS\$1MB	412
Retailer requests re-energisation for the customer's premises following a main switch seal due to non-payment of their electricity account (no visual required) (after hours).	RNS\$1MA	416
Retailer requests re-energisation for the customer's premises following a main switch seal due to non-payment of their electricity account (no visual required) (any time).	RNS\$1MT	414
<b><i>Re-energisation – visual examination required</i></b>		
Retailer requests a visual examination upon re-energisation of the customer's premises - no CT (business hours).	RNV1MB	224
Retailer requests a visual examination upon re-energisation of the customer's premises - CT metering (business hours).	RNV2MB	226
Retailer requests a visual examination upon re-energisation of the customer's premises - no CT (after hours).	RNV1MA	228
Retailer requests a visual examination upon re-energisation of the customer's premises - CT metering (after hours).	RNV2MA	230
Retailer requests a visual examination upon re-energisation of the customer's premises - no CT (anytime).	RNV1MT	232
Retailer requests a visual examination upon re-energisation of the customer's premises - CT metering (anytime).	RNV2MT	234
<b><i>Re-energisation (non payment) – visual examination required</i></b>		
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - no CT (business hours).	RN\$V1MB	212
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - CT metering (business	RN\$V2MB	214

Service description	Product code	Peace charge code
hours).		
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - no CT (after hours).	RN\$V1MA	216
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - CT metering (after hours).	RN\$V2MA	218
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - no CT (anytime).	RN\$V1MT	220
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - CT metering (anytime).	RN\$V2MT	222
<b>Meter maintenance</b>		
<b><i>Meter accuracy – physical testing required</i></b>		
Testing for type 5 & 6 meters - customer requested meter accuracy testing - no CT	MIMT1MB	704
Testing for type 5 & 6 meters - customer requested meter accuracy testing - CT	MIMT2MB	706
<b>Meter reading</b>		
Check read	SRCR	400
Final read	SRFR	402
Transfer read	SRTR	404

### 3.3 Connections

All connection services, excluding small customer connections, operating and maintaining connection assets and general enquiry services for pre-connection are classified as ACS. These services can be broken down into pre-connection, connection, post-connection services and accreditation services, the classification of connection services is provided in Table 3.3.

**Table 3.3 – Classification of connection services**

Service group	Price Cap/ Quoted Service
<b>Pre - connection services (connection application services)</b>	
Application services to assess connection application and making of compliant connection offer.	Quoted
Undertaking design for small customer or real estate development (sub-division) connection offer (excludes detailed design undertaken after a connection offer has been accepted)	Quoted

<b>Service group</b>	<b>Price Cap/ Quoted Service</b>
Carrying out planning studies and analysis relating to distribution connection applications (including sub-transmission and dual function assets)	Quoted
Feasibility and concept scoping, including planning and design, for large customer connections.	Quoted
Negotiation services involved in negotiating a connection agreement	Price cap / Quoted
Protection and power quality assessment prior to connection	Price cap / Quoted
Application assessment, design review and audit real estate development (sub-division) connection services.	Price cap / Quoted
<b>Pre - connection services (consultation services)</b>	
Site inspection in order to determine nature of connection	Price cap
Provision of site-specific connection information and advice for small or large customer connections.	Price cap
Preparation of preliminary designs and planning reports for small or large customer connection, including project scope and estimates	Quoted
<b>Connection services</b>	
Design & construct of connection assets for large customers.	Quoted
Commissioning and energisation of Large Customer Connection assets to allow conveyance of electricity.	Quoted
Commissioning and energisation of connection assets for real estate development (sub-division)	Quoted
Augmenting the network to remove a constraint faced by an embedded generator	Quoted
Review, Inspection and Auditing of design and works carried out by an alternative service provider prior to energisation.	Quoted
Customer request a temporary connection for short term supply (includes metered and unmetered)	Price cap / Quoted
<b>Post - connection services</b>	
Supply abolishment	Price cap / Quoted
Rearrange connection assets at customer's request	Price cap / Quoted
Overhead service line replacement at customer's request (no material change to load)	Price cap
Auditing services – auditing/re-inspection of connection assets after energisation to network	Price cap / Quoted
Protection and power quality assessment	Quoted
Customer requested works to allow customer or contractor to work close.	Quoted

<b>Service group</b>	<b>Price Cap/ Quoted Service</b>
Temporary disconnections and reconnections (which may involve a line drop)	Price cap / Quoted
Customer initiated supply enhancement	Price cap
Provision of connection services above minimum requirements.	Quoted
Customer consultation or appointment.	Price cap
Rectification of illegal connections: Work undertaken as a consequence of illegal connections resulting in damage to the network	Quoted
De-energisation	Price cap
Re-energisation	Price cap
Reading provided for an active site	Price cap
Attending loss of supply (customer at fault)	Price cap
<b>Accreditation / certification</b>	
Accreditation of design consultants	Price cap
Accreditation of alternative service providers (construction accreditation)	Price cap
Close out re-evaluation	Quoted
Management system re-Evaluation	Price cap
Shared assets authority	Price cap
Certification of non-approved materials to be used on the network	Quoted

Energex has established indicative prices for connection price capped services in accordance with the control mechanism formula set out in the AER's Framework & Approach. These prices reflect efficient and prudent cost in providing these connection services based on existing and prospective service obligations. The proposed price schedule for connection price capped services for 2016-17 are provided in Table 3.4 below.

Table 3.4 – 2016-17 prices for connection price capped services

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
<b>Pre - connection services (connection application services)</b>				
<b><i>Negotiation services involved in negotiating a connection agreement – simple</i></b>				
Standard jobs for small customer connections and real estate developments (sub-divisions). Please note that if service is non-standard, a quoted price may apply.	1,548.56	1703.42	N/A	N/A
<b><i>Protection and power quality assessment prior to connection – simple</i></b>				
Solar PV 30-150 kW	3,871.40	4,258.54	N/A	N/A
<b><i>Application assessment, design review and audit real estate (sub-division) connection services - resubmission</i></b>				
Design assessment and preparation of offer - Resubmission	165.86	182.45	N/A	N/A
<b>Pre-connection services – Pre-connection Consultation Services</b>				
<b><i>Site inspection in order to determine nature of connection</i></b>				
Small or large customer connection	331.73	364.90	N/A	N/A
<b><i>Provision of site-specific connection information and advice for small or large customer connections.</i></b>				
Protection devices and settings, fault level, network information	663.45	729.80	N/A	N/A
<b>Connection services – Large Customer Connections</b>				
<b><i>Customer request a temporary connection for short term supply (includes metered and unmetered) – simple</i></b>				
Customer requested temporary connection (short term) and recovery of the temporary builders supply (business hours) - no CT. <sup>2</sup>	398.82	438.70	NCT1MB	120
Customer requested temporary connection (short term) and recovery of the temporary builders supply (after hours) - no CT.	2,246.74	2,471.41	NCT1MA	124
Customer requested temporary connection (short term) and recovery of the temporary builders supply (after hours) - no CT. Work requires traffic	3,327.92	3,660.71	NCT1MAT	125

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
control due to imposed rules from external authorities.				
Customer requested temporary connection (short term) and recovery of the temporary builders supply (any time) - no CT.	2,246.74	2,471.41	NCT1MT	128
Customer requested temporary connection (short term) and recovery of the temporary builders supply (any time) - no CT. Work requires traffic control due to imposed rules from external authorities.	3,327.92	3,660.71	NCT1MTT	129
Customer requested temporary connection (short term) and recovery of the temporary builders supply (business hours) - CT metering. <sup>2</sup>	398.82	438.70	NCT2MB	122
Customer requested temporary connection (short term) and recovery of the temporary builders supply (after hours) - CT metering.	3,853.10	4,238.41	NCT2MA	126
Customer requested temporary connection (short term) and recovery of the temporary builders supply (after hours) - CT metering. Work requires traffic control due to imposed rules from external authorities and additional crew.	4,934.28	5,427.71	NCT2MAT	127
Customer requested temporary connection (short term) and recovery of the temporary builders supply (any time) - CT metering. Includes additional crew.	3,853.10	4,238.41	NCT2MT	130
Customer requested temporary connection (short term) and recovery of the temporary builders supply (any time) - CT metering. Work requires traffic control due to imposed rules from external authorities and additional crew.	4,934.28	5,427.71	NCT2MTT	131
Temporary connection of unmetered equipment to an existing LV supply. <sup>2</sup>	264.52	290.97	TUMS	1400
<b>Post - connection services – Connection Management Services – Connection Management Services</b>				
<b>Supply abolishment - simple</b>				
Request to de-energise an unmetered supply point.	406.15	446.77	DNUMS	328
Retailer requests the service provider to abolish supply at a specific	650.56	715.62	SA1	800

<b>Service description</b>	<b>2016-17<sup>1</sup> (\$/service) excluding GST</b>	<b>2016-17<sup>1</sup> (\$/service) including GST</b>	<b>Product code</b>	<b>Peace charge code</b>
connection point (simple). To be used for single dwellings and the community/unit one of multi-unit residential complexes (business hours).				
Retailer requests the service provider to abolish supply at a specific connection point (simple). To be used for single dwellings and the community/unit one of multi-unit residential complexes (after hours).	803.18	883.50	SA1AH	801
Retailer requests the service provider to abolish supply at a specific connection point (simple). To be used for single dwellings and the community/unit one of multi-unit residential complexes (any time).	803.18	883.50	SA1AT	806
Retailer requests the service provider to abolish supply at a specific connection point (simple). To be used for single dwellings and the community/unit one of multi-unit residential complexes (after hours). Work requires traffic control due to imposed rules from external authorities.	1,884.36	2,072.80	SA1AHT	805
Retailer requests the service provider to abolish supply at a specific connection point (simple). To be used for single dwellings and the community/unit one of multi-unit residential complexes (any time). Work requires traffic control due to imposed rules from external authorities.	1,884.36	2,072.80	SA1ATT	807
Retailer requests the service provider to abolish supply at a specific connection point (simple). To be used for single dwellings and the community/unit one of multi-unit residential complexes (business hours). Work requires traffic control due to imposed rules from external authorities.	1,731.74	1,904.91	SA1BHTC	809
Retailer requests the service provider to abolish supply at a specific connection point (simple). To be used for multi-unit residential complexes for all units after the community / unit one (business hours).	122.57	134.83	SA3	803
Retailer requests the service provider to abolish supply at a specific connection point (simple). To be used for multi-unit residential complexes for all units after the community / unit one (after hours).	174.97	192.47	SA3AH	804
Retailer requests the service provider to abolish supply at a specific	174.97	192.47	SA3AT	808

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
connection point (simple). To be used for multi-unit residential complexes for all units after the community/unit one (anytime).				
<b><i>Rearrange connection assets at customers request - simple (upgrade from overhead to underground where main connection point is in existence)</i></b>				
Recovery of the overhead service and connection of the consumer mains to the pre-existing pillar for a customer requested conversion of existing overhead service to underground service (business hours).	247.64	272.40	MSOhtoUG	1004
Recovery of the overhead service and connection of the consumer mains to the pre-existing pillar for a customer requested conversion of existing overhead service to underground service (after hours).	353.40	388.74	MSOhtoUGA	1019
Recovery of the overhead service and connection of the consumer mains to the pre-existing pillar for a customer requested conversion of existing overhead service to underground service (any time).	353.40	388.74	MSOhtoUGT	1035
<b><i>Overhead service line replacement at customers request (no material change to load)</i></b>				
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Single phase (business hours). Requires traffic control.	1,709.81	1,880.79	MSOR1PHTCB	559
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Single phase (business hours).	628.63	691.49	MSOR1P2	920
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Single phase (after hours).	815.49	897.04	MSOR1P2A	921
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Single phase (after hours). Work requires traffic control due to imposed rules from external authorities.	1,896.67	2,086.34	MSOR1P2AT	922
Customer requests their existing overhead service to be replaced or	815.49	897.04	MSOR1P2T	923

<b>Service description</b>	<b>2016-17<sup>1</sup> (\$/service) excluding GST</b>	<b>2016-17<sup>1</sup> (\$/service) including GST</b>	<b>Product code</b>	<b>Peace charge code</b>
relocated, e.g.as a result of point of attachment relocation. No material change to load. Single phase (any time).				
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Single phase (any time). Work requires traffic control due to imposed rules from external authorities.	1,896.67	2,086.34	MSOR1P2TT	925
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Multi-phase (business hours). Work requires traffic control.	1,963.96	2,160.36	MSORMPHTCB	560
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Multi-phase (business hours).	882.78	971.06	MSOR3P2	924
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Multi-phase (after hours).	1,118.69	1,230.56	MSOR3P2A	927
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Multi-phase (after hours). Work requires traffic control due to imposed rules from external authorities.	2,199.87	2,419.86	MSOR3P2AT	929
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Multi-phase (any time).	1,118.69	1,230.56	MSOR3P2T	931
Customer requests their existing overhead service to be replaced or relocated, e.g.as a result of point of attachment relocation. No material change to load. Multi-phase (any time). Work requires traffic control due to imposed rules from external authorities.	2,199.87	2,419.86	MSOR3P2TT	933

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
<b><i>Auditing services – auditing/re-inspection of connection assets after energisation to network - simple</i></b>				
Auditing / re-inspection of connection assets after energisation - real estate development (sub-division). Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits): 0-6 sites.	454.79	500.27	N/A	N/A
Auditing / re-inspection of connection assets after energisation - real estate development (sub-division). Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits):7-30 sites.	727.67	800.44	N/A	N/A
Auditing / re-inspection of connection assets after energisation - real estate development (sub-division). Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits): 31-60 sites.	870.60	957.66	N/A	N/A
Auditing / re-inspection of connection assets after energisation - real estate development (sub-division). Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits): 60 + sites.	970.22	1,067.24	N/A	N/A
<b><i>Temporary disconnections and reconnections (which may involve a line drop) - low voltage</i></b>				
Temporary LV service disconnection/reconnection – primary fuse, no dismantling (business hours).	355.21	390.73	MSDNNDDB	902
Temporary LV service disconnection/reconnection – Primary fuse, no dismantling (after hours).	506.90	557.59	MSDNNDNA	908
Temporary LV service disconnection/reconnection – primary fuse, no dismantling (anytime).	506.90	557.59	MSDNNDT	914
Temporary LV service disconnection/reconnection - physical dismantling (business hours).	580.34	638.37	MSDNPDB	904

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
Temporary LV service disconnection/reconnection - physical dismantling (after hours).	828.17	910.99	MSDNPDA	910
Temporary LV service disconnection/reconnection - physical dismantling (anytime).	828.17	910.99	MSDNPDT	915
<b><i>Customer initiated supply enhancement (load service upgrade)</i></b>				
Overhead service upgrade to single phase (business hours).	1,037.74	1,141.51	MSOU1P2	1008
Overhead service upgrade to single phase (after hours).	1,349.66	1,484.63	MSU1PHAH	1053
Overhead service upgrade to single phase – traffic control (after hours).	2,430.84	2,673.92	MSU1PHTCAH	1054
Overhead service upgrade to single phase – traffic control (business hours).	2,118.92	2,330.81	MSU1PHTCBH	1055
Overhead service upgrade to multi-phase (after hours).	1,570.10	1,727.11	MSUMPHAH	1000
Overhead service upgrade to multi-phase (business hours).	1,169.52	1,286.47	MSOU3P1	1014
Overhead service upgrade to multi-phase - includes traffic control (business hours).	2,250.70	2,475.77	MSUMPHTC	1001
Overhead service upgrade to multi-phase - includes traffic control (after hours).	2,651.28	2,916.41	MSUMPHTCAH	1052
Underground service upgrade to multi-phase (business hours).	62.54	68.79	MSUU3P	1042
Underground service upgrade to multi-phase (after hours).	89.24	98.16	MSUUMPHAH	1062
Underground service upgrade to single phase (business hours).	127.57	140.33	MSUU1PHBH	1060
Underground service upgrade to single phase (after hours).	182.05	200.26	MSUU1PHAH	1061
Underground service upgrade to multi-phase – CT metering (business hours).	450.26	495.29	MSUUCTBH	1063
Underground service upgrade to multi-phase – CT metering (after hours).	642.54	706.79	MSUUCTAH	1064

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
<b>Customer consultation or appointment</b>				
A visit to the customer's premises to advise on electrical supply matters - simple	102.56	112.82	MSAPWRS	953
A visit to the customer's premises to advise on electrical supply matters - complex	225.13	247.64	MSAPWR	952
<b>Post Connection Services – Connection Management Services – De-energisation</b>				
<b>Retailer requested de-energisation of the customer's premises where the de-energisation can be performed (eg pole, pillar or meter isolation link)<sup>2</sup></b>				
Retailer requests de-energisation of the customer's premises where the de-energisation can be performed at the premises by a method other than main switch seal (i.e. at pillar box, pit or pole top) – reason other than non payment - no CT.	0	0	DN\$D1MB	300
Retailer requests de-energisation of the customer's premises where the customer has not paid their electricity account and the de-energisation can be performed at the premises by a method other than main switch seal (i.e. at pillar box, pit or pole top) – non payment - no CT.	0	0	DN\$1MB	304
Retailer requests de-energisation of the customer's premises where the de-energisation can be performed at the premises by a method other than main switch seal (i.e. at pillar box, pit or pole top) - reason other than non payment - CT metering.	0	0	DN\$D2MB	302
Retailer requests de-energisation of the customer's premises where the customer has not paid their electricity account and the de-energisation can be performed at the premises by a method other than main switch seal (i.e. at pillar box, pit or pole top) – non payment - CT metering.	0	0	DN\$2MB	306
<b>Retailer Requested De-Energisation (Main Switch Seal - MSS)<sup>2</sup></b>				
Retailer requests de-energisation of the customer's premises carried out by way of main switch seal (non-payment).	0	0	DN\$	320

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
Retailer requests a de-energisation of the customer's premises and it is carried out by way of Main Switch Seal (reason other than non payment).	0	0	DNS\$1MB	324
<b>Post Connection Services – Connection Management Services – Re-energisation</b>				
<b><i>Re-energisation (non-payment) – no visual examination required<sup>2</sup></i></b>				
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, no CT (business hours).	44.09	48.50	RN\$1MB	200
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, no CT (after hours).	67.91	74.70	RN\$1MA	204
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, no CT (any time).	67.91	74.70	RN\$1MT	208
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, CT metering (business hours).	44.09	48.50	RN\$2MB	202
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, CT metering (after hours).	67.91	74.70	RN\$2MA	206
Retailer requests re-energisation of the customer's premises where the customer has not paid their electricity account. No visual required, CT metering (any time).	67.91	74.70	RN\$2MT	210
<b><i>Re-energisation (Main Switch Seal) – no visual required<sup>2</sup></i></b>				
Retailer requests re-energisation for the customer's premises following a main switch seal. Reasons other than non payment (no visual required) (business hours).	0	0	RNMSS	406

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
Retailer requests re-energisation for the customer's premises following a main switch seal. Reasons other than non payment (no visual required) (after hours).	77.27	85.00	RNMSSA	408
Retailer requests re-energisation for the customer's premises following a main switch seal. Reasons other than non payment (no visual required) (any time).	70.01	77.01	RNMSST	410
Retailer requests re-energisation for the customer's premises following a main switch seal. Non payment (no visual required) (business hours).	44.09	48.50	RNS\$1MB	412
Retailer requests re-energisation for the customer's premises following a main switch seal. Non payment (no visual required) (any time).	70.01	77.01	RNS\$1MT	414
Retailer requests re-energisation for the customer's premises following a main switch seal. Non payment (no visual required) (after hours).	77.27	85.00	RNS\$1MA	416
<b><i>Re-energisation – visual required<sup>2</sup></i></b>				
Retailer requests a visual examination upon re-energisation of the customer's premises - no CT (business hours).	0	0	RNV1MB	224
Retailer requests a visual examination upon re-energisation of the customer's premises - no CT (after hours).	106.23	116.85	RNV1MA	228
Retailer requests a visual examination upon re-energisation of the customer's premises - no CT (any time).	106.23	116.85	RNV1MT	232
Retailer requests a visual examination upon re-energisation of the customer's premises - CT metering (business hours).	0	0	RNV2MB	226
Retailer requests a visual examination upon re-energisation of the customer's premises - CT metering (after hours).	106.23	116.85	RNV2MA	230
Retailer requests a visual examination upon re-energisation of the customer's premises - CT metering (any time).	106.23	116.85	RNV2MT	234

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
<b><i>Re-energisation (non payment) – visual examination required<sup>2</sup></i></b>				
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - no CT (business hours).	44.09	48.50	RN\$V1MB	212
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - no CT (after hours).	106.23	116.85	RN\$V1MA	216
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - no CT (any time).	106.23	116.85	RN\$V1MT	220
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - CT metering (business hours).	44.09	48.50	RN\$V2MB	214
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - CT metering (after hours).	106.23	116.85	RN\$V2MA	218
Retailer requests a visual examination upon re-energisation of the customer's premises where the customer has not paid their electricity account. NMI de-energised > 30 days - CT metering (any time).	106.23	116.85	RN\$V2MT	222
<b><i>Reading provided for an active site</i></b>				
Retailer requests that fieldwork be undertaken to obtain a new reading rather than using a deemed meter reading. May also be used for retrospective move-in requests.	9.77	10.75	RNNR	238
Retrospective move in read required.	9.77	10.75	RNRM	240
<b><i>Attending loss of supply (customer at fault)</i></b>				
Energex attending LV customers trouble call and found fault in LV	225.13	247.64	LOS	1500

<b>Service description</b>	<b>2016-17<sup>1</sup> (\$/service) excluding GST</b>	<b>2016-17<sup>1</sup> (\$/service) including GST</b>	<b>Product code</b>	<b>Peace charge code</b>
customers installation (includes tripped safety switch, internal fault, customers overload) (business hours).				
Energex attending LV customers trouble call and found fault in LV customers installation (includes tripped safety switch, internal fault, customers overload) any time.	321.27	353.40	LOSA	1600
Energex attending LV customers trouble call and found fault in LV customers installation (includes tripped safety switch, internal fault, customers overload) after hours.	321.27	353.40	LOST	1602
<b>Accreditation / certification</b>				
<b><i>Accreditation of design consultants</i></b>				
Desktop management system evaluation – Applicant requests to obtain Energex accreditation to provide design services for real estate development (sub-division), rate 2 public lighting, LCC and distribution works that are reticulated with Energex network (design accreditation). New applicant has ISO9001 accreditation with no other Energex accreditations in place.	10,475.67	11,523.24		N/A
Desktop management system evaluation – Applicant requests to obtain Energex accreditation to provide design services for real estate development (sub-division), rate 2 public lighting, LCC and distribution works that are reticulated with Energex network (design accreditation). New applicant is not ISO9001 accredited with no other Energex accreditations in place.	12,208.21	13,429.03		N/A
Desktop management system evaluation – Applicant requests to obtain Energex accreditation to provide design services for real estate development (sub-division), rate 2 public lighting, LCC and distribution works that are reticulated with Energex network (design accreditation). Applicant requesting additional Energex accreditations with or without ISO9001 accreditation (priced per additional accreditation).	7,158.41	7,874.25		N/A

<b>Service description</b>	<b>2016-17<sup>1</sup> (\$/service) excluding GST</b>	<b>2016-17<sup>1</sup> (\$/service) including GST</b>	<b>Product code</b>	<b>Peace charge code</b>
Onsite management system evaluation (irrespective of prior accreditations).	693.02	762.32		N/A
Capability evaluation (irrespective of prior accreditations).	663.45	729.80		N/A
<b><i>Accreditation of alternative service providers (construction accreditation)</i></b>				
Desktop management system evaluation – Applicant requests to obtain Energex accreditation to provide construction services for real estate development (sub-division) works that are reticulated with Energex network (construction accreditation). New applicant has ISO9001/AS4801/ISO14001 accreditation with no other Energex accreditations in place	5,108.93	5,619.82		N/A
Desktop management system evaluation – Applicant requests to obtain Energex accreditation to provide construction services for real estate development (sub-division) works that are reticulated with Energex network (construction accreditation). New applicant is not ISO9001/AS4801/ISO14001 accredited with no other Energex accreditations in place.	9,583.97	10,542.37		N/A
Desktop management system evaluation – Applicant requests to obtain Energex accreditation to provide construction services for real estate development (sub-division) works that are reticulated with Energex network (construction accreditation). Applicant requesting additional Energex accreditations with or without ISO9001/AS4801/ISO14001 accreditation (price per additional accreditation).	5,108.93	5,619.82		N/A
Onsite management system evaluation (irrespective of prior accreditations) – Applicant requests to obtain Energex accreditation to provide construction services for real estate development (sub-division) works that are reticulated with Energex network (construction accreditation).	1,386.03	1,524.63		N/A
Capability evaluation irrespective of prior accreditations).- Applicant requests to obtain Energex accreditation to provide construction services	1,356.47	1,492.12		N/A

Service description	2016-17 <sup>1</sup> (\$/service) excluding GST	2016-17 <sup>1</sup> (\$/service) including GST	Product code	Peace charge code
for real estate development (sub-division) works that are reticulated with Energex network (construction accreditation).				
<b>Management system re-evaluation</b>				
Quality assessment (QA) process: This is conducted on request from existing service providers and design consultants with the intent to improve their management system score.	6,930.17	7,623.19		N/A
<b>Shared assets authority</b>				
High Level quality assessment (QA) and capability process: This is conducted to ensure the applicant has adequate safety and QA documentation to meet legislative and Energex WCS requirements. Also involves a capability assessment of the applicant's ability to conduct the work.	5,197.63	5,717.39		N/A
<b>Notes:</b>				
1. Prices are inclusive of overheads and on-costs.				
2. Prices for these services are subject to Schedule 8 of the Queensland Electricity Regulation 2006.				

Quoted services are services for which the nature and scope cannot be known in advance, irrespective of whether the service is customer-requested or an external event triggers the need for the service. The quoted product codes for connection services are demonstrated in Table 3.5 below.

**Table 3.5 – Connections services quoted product codes**

<b>Quoted connection services category</b>	<b>Ellipse Product Code</b>
<b>Pre Connection Services – Connection Application Services</b>	
Application services to assess connection application and making of compliant connection offer (Large Customer Connection).	P088
Undertaking design for small customer or real estate development (sub-division) connection offer (excludes detailed design undertaken after a connection offer has been accepted)	P006
Carrying out planning studies and analysis relating to distribution connection applications (including sub-transmission and dual function asset)	P088 LCC
Feasibility and concept scoping, including planning and design, for large customer connections.	P088
Negotiation services involved in negotiating a connection agreement - complex	P088 LCC
Protection and power quality assessment prior to connection - complex	P088 LCC
Application assessment, design review and audit real estate development (sub-division) connection services.	P006
<b>Pre – connection services (pre connection consultation services)</b>	
Preparation of preliminary designs and planning reports for large customer connection, including project scope and estimates	P088 for LCC
<b>Connection services – Large Customer Connections</b>	
Design & construct of connection assets for large customers.	P088
Commissioning and energisation of large customer connection assets to allow conveyance of electricity.	P088
Design, construction, commissioning and energisation of connection assets for real estate development (sub-division)	P006
Augmenting the network to remove a constraint faced by an embedded generator	P091/P100
Review, inspection and auditing of design and works carried out by an alternative service provider prior to energisation.	P088
Customer requests a temporary connection for short term supply (includes metered and unmetered) - complex	P090
<b>Post – connection services</b>	
Supply abolishment - complex	P092
Rearrange connection assets at customers request - complex	P093
Auditing services – auditing/re-inspection of connection assets after energisation to network – complex	P096

Quoted connection services category	Ellipse Product Code
Protection and power quality assessment	P097
Customer requested work to allow the customer or contractor to work close	P011
Temporary disconnections/reconnections (which may involve a line drop) - HV	P011
Customer requested disconnection and reconnection of supply, coverage of LV mains and/or switching to allow customer/contractor to work close.	P011
Provision of connection services above minimum requirements	P094
Rectification of illegal connections: Work undertaken as a consequence of illegal connections resulting in damage to the network	P059
<b>Accreditation / certification</b>	
Close out re-evaluation	P088
Certification of non-approved materials to be used on the network	P088

### 3.4 Ancillary network services

The AER has created a group of services called ancillary network services to capture non-routine services provided to customers on an 'as needs' basis. Table 3.6 below sets out Energex's classification of ancillary network services by price cap or quoted depending on whether the scope of work is pre-defined or subject to variability.

**Table 3.6 – Classification of ancillary services**

Service group	Price cap / Quoted services
Services provided in relation to the retailer of last resort	Quoted
<b>Other recoverable works:</b>	
Customer requests provision of electricity network data requiring customised investigation, analysis or technical input	Quoted
Bundling (conversion) of cables carried out at the request of another party	Quoted
Provision of services to extend /augment the network, to make supply available for the connection of approved unmetered equipment	Quoted
Customer requested appointments	Price cap
Rearrangement of network assets (other than connection assets)	Quoted
Assessment of parallel generator applications	Quoted
Attendance at customer's premises to perform a statutory right where access is prevented	Price cap

Energex has developed prices which reflect efficient and prudent costs in providing ancillary network services based on existing and prospective services as demonstrated in Table 3.7 below.

**Table 3.7 – Price caps for ancillary services**

Service description	2016-17 <sup>1</sup> (\$/service) Excl GST	2016-17 <sup>1</sup> (\$/service) Incl GST	Product code	Peace charge code
<b>Other recoverable works</b>				
<b>Customer requested appointments</b>				
Customer requested appointments.	225.13	247.64	MSAPWR	952
<b>Attendance at customers premises to perform a statutory right where access is prevented</b>				
Energex attends a site at the customer's request and is unable to perform job due to customer's fault <sup>2</sup> – Technical (business hours)	90.05	99.06	MSWTV	1044
Energex attends a site at the customer's request and is unable to perform job due to customer's fault <sup>2</sup> – Technical (after hours)	128.51	141.36	MSWTVVA	1045
Energex (non-technical) attends a site at the customer's request and is unable to perform job due to customer's fault <sup>2</sup> – Non technical (business hours)	10.74	11.81	MSWTV2	1046
Energex attends a site at the customer's request and is unable to perform job due to customer's fault <sup>2</sup> – Technical (anytime)	128.51	141.36	MSWTVT	1047
Energex (non-technical) attends a site at the customer's request and is unable to perform job due to customer's fault <sup>2</sup> – Non technical (after hours)	76.97	84.67	MSWTV2A	1048
Energex (non-technical) attends a site at the customer's request and is unable to perform job due to customer's fault <sup>2</sup> – Non technical (anytime)	76.97	84.67	MSWTV2T	1049
Energex attends a site at the customer's request and is unable to perform job due to customer's fault <sup>2</sup> – Technical (2 crew) (business hours)	180.10	198.11	MSWTV2CR	1050
Energex attends a site at the customer's request and is unable to perform job due to customer's fault <sup>2</sup> – Technical (2 crew) (business hours)	257.02	282.72	MSWTV2CRAH	1051
<b>Notes:</b>				
1. Prices are inclusive of overheads and on-costs				
2. Includes faults caused by customer's electrical contractor.				

The quoted product codes for ancillary network services are demonstrated in Table 3.8 below.

**Table 3.8 – Ancillary network services quoted product codes**

Quoted ancillary network services category	Ellipse Product Code
<b>Services provided in relation to a retailer of last resort (ROLR) event</b>	
Retailer of last resort event	P061
<b>Other recoverable works</b>	
Customer requested provision of electricity network data requiring customised investigation, analysis or technical input	P044
Bundling (conversion) of cables carried out at the request of another party	P065
Provision of services to extend / augment the network, to make supply available for the connection of approved unmetered equipment, e.g. public telephones, streetlights, extension to the network to provide a point of supply for a billboard & city cycle.	P054
Rearrangement of assets	P051
Customer requested disconnection and reconnection of supply, coverage of LV mains and/or switching to allow customer/contractor to work close (other than in relation to connection assets)	P011
Assessment of parallel generator applications	P100
Witness testing	N/A
Overhead service connection – non standard installation	P098

### 3.5 Type 6 Metering Services

Since 1 July 2015, Type 6 metering installations incurs a metering services charge (MSC) that incorporates the ongoing maintenance, meter reading and meter data services. In addition auxiliary metering services are customer requested non routine metering services and are provided to individual customers on a user pays basis.

#### 3.5.1 Metering Service Charge

Energex's revenue requirement for the MSC has been set out by the AER in the Final Decision. The MSC applicable to existing and new Type 6 metering customers is dependent on:

- The number of applicable tariffs which approximates the number of meters/complexity of the metering installation.
- The extent to which the customer contributed to the MAB.
- Whether the customer's metering connection existed before 1 July 2015.

- Whether the customer has churned to an alternative meter service provider.

The AER's Final Decision provides that existing Type 6 metering services (before 1 July 2015) will attract an annual charge comprising of the following components:

- Capital component – MAB recovery and tax
- Non-capital component – operating expenditure.

The metering service charge is applied per SAC non-demand tariff with tariffs being developed with reference to primary and secondary meter services. Secondary services may include services such as off-peak hot water or solar PV metering. Those customers with multiple tariffs will face relatively higher metering services charges reflecting the number of meters and/or complexity of metering installation. Table 3.9 displays the daily metering services charge and cost per day by tariff group for 2016-17.

**Table 3.9 – 2016-17 prices for Type 6 metering service charges**

Tariff class	Cost	2016-17 (cents/day) <sup>1,2</sup>
Primary	Non-capital	2.150
	Capital	6.793
	<b>Non-capital &amp; capital</b>	<b>8.944<sup>3</sup></b>
Load control	Non-capital	0.645
	Capital	2.038
	<b>Non-capital &amp; capital</b>	<b>2.683</b>
Solar PV	Non-Capital	1.505
	Capital	4.755
	<b>Non-capital &amp; Capital</b>	<b>6.261<sup>3</sup></b>
Note:		
1. Prices are GST exclusive.		
2. Prices are inclusive of overheads and on-costs.		
3. Due to rounding, individual components may not sum to the total.		

### 3.5.2 Auxiliary Metering Services

#### Upfront charges

Energex charges an upfront meter installation charge for all new meter connections and meter upgrades from 1 July 2015. Upfront charges comprise of an initial payment plus a series of daily fixed charges for a period of 1 year. The charges applicable are dependent on the tariff associated with the meter installation and the type of meter being installed. Table 3.10 following demonstrates Energex's meter installation upfront charges.

**Table 3.10 – Metering installation charges in 2016-17**

	Upfront charge <sup>1,2,3</sup>				Daily fixed charge <sup>1,3,4</sup>
	Single Phase 1 Element	Single Phase Dual element	Polyphase (DC)	Polyphase (CT) <sup>5</sup>	c/day
Meter Exchange	\$327.53	\$409.34	\$602.57	\$1,614.03	
Primary tariff	\$303.62	\$385.43	\$578.67	\$1,590.13	6.793
Load control	\$320.35	\$402.17	\$595.40	\$1,606.86	2.038
Solar PV	\$310.79	\$392.60	\$585.84	\$1,597.30	4.755
Notes:					
1. Prices are GST exclusive					
2. Prices are based on business hours					
3. Prices are inclusive of overheads and on-costs					
4. Daily fixed charge applicable for a 1 year period, rates above are based on 2015-16 charges indexed according to the AER formula for 2016-17					
5. CT material cost component will be paid directly by the customer via Energex stores (Peace Code 539 - \$969.66 excl GST)					

### Other Auxiliary Services

In addition to the ongoing metering service charge, Energex will continue to perform one off metering services at the request of customers, including meter installation, metering alterations, special meter reads, meter tests and instrument transformer tests. Energex's price schedule for auxiliary metering price capped services is provided in Table 3.11.

Table 3.11 – Price capped auxiliary metering services in 2016-17

Service description	2016-17 (\$/service) Excl. GST <sup>1</sup>	2016-17 (\$/service) Incl. GST <sup>1</sup>	Product Code	Peace Charge Code
<b>Meter installations (Upfront capital charge)</b>				
<b>New Permanent Connections (meter installations)</b>				
Upfront capital charge for new permanent meter installation. Single phase single element (Overhead Fox) (business hours)	303.62	333.98	NCIMFOX1	460
Upfront capital charge for new permanent meter installation. Single phase single element (Overhead) (business hours)	303.62	333.98	NCIMOH1	461
Upfront capital charge for new permanent meter installation. Single phase single element (Underground) (business hours)	303.62	333.98	NCIMUG1	462
Upfront capital charge for new permanent meter installation. Single phase single element (Overhead Fox) (after hours)	438.07	481.87	NCIMFX1AH	452
Upfront capital charge for new permanent meter installation. Single phase single element (Overhead) (after hours)	404.88	445.36	NCIMOH1AH	453
Upfront capital charge for new permanent meter installation. Single phase single element (Underground) (after hours)	380.58	418.63	NCIMUG1AH	454
Upfront capital charge for new permanent meter installation. Single phase dual element (business hours)	385.43	423.98	NCIM1PH2EL	466
Upfront capital charge for new permanent meter installation. Single phase dual element (after hours)	462.39	508.63	NCIM2ELAH	467
Upfront capital charge for new permanent meter installation. Multi-phase (Overhead Fox) (business hours)	578.67	636.54	NCIMFXMP	463
Upfront capital charge for new permanent meter installation. Multi-phase (Overhead) (business hours)	578.67	636.54	NCIMOHMP	464
Upfront capital charge for new permanent meter installation. Multi-phase	578.67	636.54	NCIMUGMP	465

Service description	2016-17 (\$/service) Excl. GST <sup>1</sup>	2016-17 (\$/service) Incl. GST <sup>1</sup>	Product Code	Peace Charge Code
(Underground) (business hours)				
Upfront capital charge for new permanent meter installation. Multi-phase (Overhead Fox) (after hours)	748.79	823.67	NCIMFXMPAH	455
Upfront capital charge for new permanent meter installation. Multi-phase (Overhead) (after hours)	706.69	777.36	NCIMOHMPAH	456
Upfront capital charge for new permanent meter installation. Multi-phase (Underground) (after hours)	678.52	746.37	NCIMUGMPAH	457
Upfront capital charge for new permanent meter installation. Multi-phase (Overhead with CT) (business hours) <sup>4</sup>	620.47	682.51	NCIMOHCT	458
Upfront capital charge for new permanent meter installation. Multi-phase (Overhead with CT) (after hours) <sup>4</sup>	958.41	1,054.25	NCIMOHCTAH	450
Upfront capital charge for new permanent meter installation. Multi-phase (Underground with CT) (business hours) <sup>4</sup>	620.47	682.51	NCIMUGCT	459
Upfront capital charge for new permanent meter installation. Multi-phase (Underground with CT) (after hours) <sup>4</sup>	945.50	1,040.05	NCIMUGCTAH	451
<b>Install Controlled Load (meter installations)</b>				
Upfront capital charge for meter installation resulting from the installation of controlled load. Single phase single element (business hours)	320.35	352.39	AAICL	516
Upfront capital charge for meter installation resulting from the installation of controlled load. Single phase dual element (business hours)	402.17	442.38	AACL1PH2EB	546
Upfront capital charge for meter installation resulting from the installation of controlled load. Multi-phase (business hours)	595.40	654.94	AACLMPHBH	548
Upfront capital charge for meter installation resulting from the installation of controlled load. Multi-phase CT (business hours) <sup>4</sup>	637.20	700.92	AACLCTBH	550

Service description	2016-17 (\$/service) Excl. GST <sup>1</sup>	2016-17 (\$/service) Incl. GST <sup>1</sup>	Product Code	Peace Charge Code
<b>Install Hot Water (meter installations)</b>				
Upfront capital charge for meter installation resulting from the installation of hot water. Single phase single element (business hours)	320.35	352.39	AAIHW	518
Upfront capital charge for meter installation resulting from the installation of hot water. Single phase dual element (business hours)	402.17	442.38	AAHT1PH2EB	553
Upfront capital charge for meter installation resulting from the installation of hot water. Multi-phase (business hours)	595.40	654.94	AAHTMPHBH	555
Upfront capital charge for meter installation resulting from the installation of hot water. Multi-phase CT (business hours) <sup>4</sup>	637.20	700.92	AAHTCTBH	557
<b>Installation of a new meter at an existing premise (not controlled load) - meter installations</b>				
Upfront capital charge for additional meter installation. Single phase single element (business hours)	310.79	341.87	AAIM1MB	520
Upfront capital charge for additional meter installation. Single phase single element (after hours)	384.73	423.21	AAIM1AH	532
Upfront capital charge for additional meter installation. Single phase single element (after hours)	384.73	423.21	AAIM1MA	504
Upfront capital charge for additional meter installation. Single phase single element (after hours) – Solar PV	373.61	410.97	AAIMPV1AH	534
Upfront capital charge for additional meter installation. Single phase single element (anytime)	384.73	423.21	AAIM1MT	508
Upfront capital charge for additional meter installation. Single phase dual element (business hours)	392.60	431.86	AAIM1PH2EL	469
Upfront capital charge for additional meter installation. Single phase dual element (after hours)	466.54	513.20	AAIM2ELAH	468

Service description	2016-17 (\$/service) Excl. GST <sup>1</sup>	2016-17 (\$/service) Incl. GST <sup>1</sup>	Product Code	Peace Charge Code
Upfront capital charge for additional meter installation. Multi-phase (business hours)	585.84	644.42	AAIMMPBH	521
Upfront capital charge for additional meter installation. Multi-phase (after hours) – Solar PV	663.79	730.17	AAIMPVMPAH	535
Upfront capital charge for additional meter installation. Multi-phase (after hours)	705.58	776.14	AAIMMPAH	533
Upfront capital charge for additional meter installation. Multi-phase CT (business hours) <sup>4</sup>	627.64	690.40	AAIM2MB	522
Upfront capital charge for additional meter installation. Multi-phase CT (after hours) – Solar PV <sup>4</sup>	814.77	896.25	AAIMPVCTAH	531
Upfront capital charge for additional meter installation. Multi-phase CT (after hours) <sup>4</sup>	979.41	1,077.35	AAIM2MA	506
Upfront capital charge for additional meter installation. Multi-phase CT (anytime) <sup>4</sup>	979.41	1,077.35	AAIM2MT	510
<b>Customer requested Meter Exchange (meter installations)</b>				
Upfront capital charge for meter exchange. Single phase single element (business hours)	327.53	360.28	AAEM1M	500
Upfront capital charge for meter exchange. Single phase single element (after hours)	379.90	417.89	AAEM1MAH	501
Upfront capital charge for meter exchange. Single phase single element (anytime)	379.90	417.89	AAEM1MAT	505
Upfront capital charge for meter exchange. Single phase dual element (business hours)	409.34	450.27	AAEM2ELBH	541
Upfront capital charge for meter exchange. Single phase dual element (after hours)	461.71	507.88	AAEM2ELAH	542
Upfront capital charge for meter exchange. Multi-phase (business hours)	602.57	662.83	AAEMMPHBH	543
Upfront capital charge for meter exchange. Multi-phase (after hours)	676.51	744.17	AAEMMPHAH	544
Upfront capital charge for meter exchange. Multi-phase CT (business hours) <sup>4</sup>	644.37	708.81	AAEM2M	502
Upfront capital charge for meter exchange. Multi-phase CT (after hours) <sup>4</sup>	996.14	1,095.76	AAEM2MAH	503

Service description	2016-17 (\$/service) Excl. GST <sup>1</sup>	2016-17 (\$/service) Incl. GST <sup>1</sup>	Product Code	Peace Charge Code
Upfront capital charge for meter exchange. Multi-phase CT (anytime) <sup>4</sup>	996.14	1,095.76	AAEM2MAT	507
<b>Meter maintenance</b>				
<b><i>After hours removal of meter/s from customer's premises</i></b>				
After hours removal of meter - no CT (after hours - incremental costs only - base cost included in MSC)	53.15	58.47	AARM1AH	536
After hours removal of meter - CT metering (after hours - incremental costs only - base cost included in MSC)	169.49	186.44	AARMCTAH	537
<b><i>Customer requested meter accuracy testing of Type 5-6 meter (physical testing of meter)</i></b>				
Testing for type 5 & 6 meters - customer requested meter accuracy testing - no CT <sup>2</sup>	17.55	19.31	MIMT1MB	704
Testing for type 5 & 6 meters - customer requested meter accuracy testing - CT metering <sup>2</sup>	17.55	19.31	MIMT2MB	706
<b><i>Customer requested meter inspection &amp; investigation (no physical testing of meter) no fault found</i></b>				
Inspection required to check reported or suspected fault and no fault in meter is found. (no physical meter test) - no CT (business hours)	91.63	100.79	MSINSS	957
Inspection required to check reported or suspected fault and no fault in meter is found. (no physical meter test) - CT metering (business hours)	340.60	374.66	MSINSC	959
Inspection required to check reported or suspected fault and no fault in meter is found. (no physical meter test) - no CT (after hours)	165.32	181.85	MCINSSA	965
Inspection required to check reported or suspected fault and no fault in meter is found. (no physical meter test) - no CT (anytime)	165.32	181.85	MCINSST	967
Inspection required to check reported or suspected fault and no fault in meter is found. (no physical meter test) - CT metering (after hours)	486.05	534.66	MCINSCA	969

Service description	2016-17 (\$/service) Excl. GST <sup>1</sup>	2016-17 (\$/service) Incl. GST <sup>1</sup>	Product Code	Peace Charge Code
Inspection required to check reported or suspected fault and no fault in meter is found. (no physical meter test) - CT metering (anytime)	486.05	534.66	MC+INSCT	971
<b>Customer requested reconfiguration of meters<sup>3</sup></b>				
Controlled load – no CT (business hours)	93.45	102.80	MRCL1M	1200
Controlled load – CT metering (business hours)	430.25	473.28	MRCL2M	1202
Request to make a change from one tariff to another – no CT (business hours)	93.45	102.80	MRCT1M	1204
Request to make a change from one tariff to another – no CT (after hours)	110.46	121.51	MRCT1MA	1212
Request to make a change from one tariff to another – no CT (anytime hours)	110.46	121.51	MRCT1MT	1220
Request to make a change from one tariff to another – CT metering (business hours)	430.25	473.28	MRCT2M	1206
Request to make a change from one tariff to another – CT metering (after hours)	613.99	675.39	MRCT2MA	1214
Request to make a change from one tariff to another – CT metering (anytime)	613.99	675.39	MRCT2MT	1222
Request to make a change involving a residential TOU tariff – to TOU no CT	142.58	156.84	MRRT1M	1201
Request to make a change involving a residential TOU tariff – to TOU, CT metering	475.28	522.81	MRRT2M	1203
Request to make a change involving a residential TOU tariff – TOU reversion	93.45	102.80	MRRV1M	1205
<b>Change time-switch</b>				
Change time-switch – no CT (business hours)	125.07	137.58	MRCTS1M	1208
Change time-switch – CT metering (business hours)	395.23	434.75	MRCTS2M	1210
<b>Meter alteration – meter integrity verification (eg after move meter)</b>				
Meter alteration – meter is being relocated or meter wiring and requires DNSP to visit site to verify the integrity of the metering equipment – no CT (business hours)	130.69	143.76	AAMM1M	512
Meter alteration – meter is being relocated or meter wiring and requires DNSP to	186.90	205.59	AAMM1MAH	513

<b>Service description</b>	<b>2016-17 (\$/service) Excl. GST<sup>1</sup></b>	<b>2016-17 (\$/service) Incl. GST<sup>1</sup></b>	<b>Product Code</b>	<b>Peace Charge Code</b>
visit site to verify the integrity of the metering equipment – no CT (after hours)				
Meter alteration – meter is being relocated or meter wiring and requires DNSP to visit site to verify the integrity of the metering equipment – no CT (any time)	186.90	205.59	AAMM1MAT	517
Meter alteration – meter is being relocated or meter wiring and requires DNSP to visit site to verify the integrity of the metering equipment – CT metering (business hours)	809.86	890.85	AAMM2M	514
Meter alteration – meter is being relocated or meter wiring and requires DNSP to visit site to verify the integrity of the metering equipment – CT metering (after hours)	1,155.70	1,271.27	AAMM2MAH	515
Meter alteration – meter is being relocated or meter wiring and requires DNSP to visit site to verify the integrity of the metering equipment – CT metering (any time)	1,155.70	1,271.27	AAMM2MAT	519
<b><i>Meter reading</i></b>				
Check read – Customer requests a check read on the meter due to reported error in the meter reading. This is only used to check the accuracy of the meter reading.	7.80	8.58	SRCR	400
Final read – Retailer requires a reading for preparing final bill for customer	7.80	8.58	SRFR	402
Transfer read – Customer requests a transfer read, as a result of transferring to a different retailer during a billing period	7.80	8.58	SRTR	404
<b><i>Type 5-7 non standard metering services</i></b>				
A request to conduct a site review of the state of the customer's metering installation(s) (no physical meter test), multiple premises. Includes provision of meter data above the minimum requirements and meter inspection to check a reported or suspected fault. Not including hardware – First unit (business hours)	130.59	143.65	MSINS	955
A request to conduct a site review of the state of the customer's metering installation(s) (no physical meter test), multiple premises. Includes provision of meter data above the minimum requirements and meter inspection to check a reported or suspected fault. Not including hardware – First unit (after hours)	372.71	409.98	MSINSA	961
A request to conduct a site review of the state of the customer's metering	372.71	409.98	MSINST	963

Service description	2016-17 (\$/service) Excl. GST <sup>1</sup>	2016-17 (\$/service) Incl. GST <sup>1</sup>	Product Code	Peace Charge Code
installation(s) (no physical meter test), multiple premises. Includes provision of meter data above the minimum requirements and meter inspection to check a reported or suspected fault. Not including hardware – First unit (any time)				
A request to conduct a site review of the state of the customer's metering installation(s) (no physical meter test), multiple premises. Includes provision of meter data above the minimum requirements and meter inspection to check a reported or suspected fault. Not including hardware – Additional unit (business hours)	65.55	72.11	N/A	N/A
A request to conduct a site review of the state of the customer's metering installation(s) (no physical meter test), multiple premises. Includes provision of meter data above the minimum requirements and meter inspection to check a reported or suspected fault. Not including hardware – Additional unit (after hours)	187.09	205.80	N/A	N/A
A request to conduct a site review of the state of the customer's metering installation(s) (no physical meter test), multiple premises. Includes provision of meter data above the minimum requirements and meter inspection to check a reported or suspected fault. Not including hardware – Additional unit (any time)	187.09	205.80	N/A	N/A
<b>CT metering</b>				
Provision, installation, testing and maintenance of instrument transformers for metering purposes	969.66	1,066.63	CTP&T	539
Testing and maintenance of instrument transformers for metering purposes	177.60	195.36	CTT&MT	540
Notes:				
1. Prices are GST exclusive but are inclusive of overheads and on-costs				
2. Prices for these services are subject to Schedule 8 of the Queensland Electricity Regulation 2006.				
3. If a new meter installation is required, a meter installation charge will apply.				
4. Please note the CT material component of this service will be charged via a separate code (product code CTP&T, Peace Code 539)				

The quoted product codes for auxiliary network services are demonstrated in Table 3.12 below.

**Table 3.12 – Quoted auxiliary metering service Product Codes**

Quoted auxiliary metering services category	Ellipse Product Code
<b>Meter maintenance</b>	
Replacement or removal of Type 5 or 6 meter instigated by a customer switching to a Non-Type 5 or 6 meter that is not covered by any other fee	P081
<b>Meter data services</b>	
Type 5-7 non standard metering data services	P053
<b>Metering load control</b>	
e.g. Install metering related load control (C3585)	C000
e.g. Remove local control relay or time clock	P066
e.g. Change load control relay channel at retailer, customer or other third part request, that is not a part of initial load control installation, nor part of standard asset maintenance or replacement	P071

### 3.6 Public Lighting Services

The provision, construction and maintenance of public lighting assets, as well as emerging public lighting technologies and other public lighting services, are classified as a direct control services and further as an ACS under a price cap form of control.

Energex proposes that the basis of the control mechanism for:

- Standard non-contributed and contributed public lighting services is a limited building block approach to determine the efficient costs of providing both non-contributed and contributed public lighting services under the price cap control mechanism for the regulatory control period.
- Other (non-standard) and emerging public lighting services are a cost build up approach (for both price cap and quoted service).

Table 3.13 provides the price schedule for the provision, construction and maintenance of street lights for 2016-17.

**Table 3.13 – 2016-17 prices for street lighting services**

Street light services <sup>1</sup>	Price (\$/luminaire/day) <sup>2</sup>
Major non-contributed (EOO)	0.800
Major contributed (GOO)	0.278
Minor non-contributed (EOO)	0.366
Minor contributed (GOO)	0.134
<b>Notes:</b>	
1. Definitions for street light major and street light minor are included in the glossary.	
2. All prices exclude GST.	

Energex also performs ad hoc public lighting services at the request of customers, including provision of glare shield, vandal guards, luminaire replacement with aero screens and application assessment, design and audit. The classification of public lighting services is provided in Table 3.14, the price schedule for public lighting price capped services in 2016-17 is provided in Table 3.15.

**Table 3.14 – Classification of public lighting services**

Service group	Price cap / Quoted services
<b>Provision, construction &amp; maintenance of public lighting services</b>	
Provision of glare shields, vandal guards, luminaire replacement with aero screens	Price cap / Quoted
Application assessment, design review and audit	Price cap / Quoted
Provision, construction and maintenance of new streetlighting services	Quoted
Alteration, relocation, rearrangement or removal of existing street light assets and energy efficient retrofit	Quoted
A fee for the residual asset value of non-contributed public lights when removed from service before the end of their useful life at the request of the customer.	Quoted

**Table 3.15 – Classification of public lighting services**

Service description	2016-17 (\$/service) Excl. GST <sup>1</sup>	2016-17 (\$/service) Incl. GST <sup>1</sup>	Product Code	Peace Charge Code
<b>Provision of glare shields, vandal guards, luminaire replacement with aero screens</b>				
Replacement of existing streetlight luminaires with aero screen low glare luminaires	526.66	579.33	SLAU	600
Customer requests the supply and installation of adhesive luminaire glare screen(s).	191.44	210.58	SLLGAD	602
Customer requests the supply and installation of standard luminaire glare screen(s) – internal.	156.48	172.13	SLLGSDI	604
<b>Application assessment, design review and audit</b>				
Rate 2 public lighting services. Design assessment and preparation of offer. Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits). Resubmission.	165.86	182.45	N/A	N/A
Rate 3 public lighting services. Design assessment and preparation of offer. Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits): 0-6 sites.	82.93	91.22	N/A	N/A
Rate 3 public lighting services. Design assessment and preparation of offer. Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits): 7-30 sites.	124.40	136.84	N/A	N/A
Rate 3 public lighting services. Design assessment and preparation of offer. Number of new, modified or recovered sites (i.e. stations numbers excluding street light pits and conduits) : 31+ sites.	248.79	273.67	N/A	N/A
<b>Note:</b>				
1. Prices are inclusive of overheads and on-costs.				

The quoted product codes for public lighting services are demonstrated in Table 3.16 below.

**Table 3.16 – Quoted public lighting service Product Codes**

Quoted public lighting services	Ellipse Product Code
<b>Provision, construction and maintenance of public lighting</b>	
Provision of glare shields, vandal guards, luminaire replacement with aero screens	P074
Application assessment, design review and audit	P006
Construction of new street lighting services (contributed)	P039
Alteration, repair, relocation, rearrangement or removal of existing street light assets and energy efficient retrofit	P079
A fee for the residual asset value of non-contributed public lights when removed from service before the end of their useful life at the request of the customer	P052
<b>Emerging public lighting technology</b>	
New public lighting technologies, including trials	P079

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## 4 Other services

### 4.1 Other Business-2-Business services

Energex provides a number of services that have no upfront cost as the costs are incorporated in the building blocks for DUoS (as an SCS) and the metering service charge (as an ACS). These services are requested through the usual B2B communication channels.

A list of services with full descriptions and product codes is included in Appendix 1.

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## 5 Assignment and re-assignment of customers to tariff classes and tariffs

If a customer's retailer does not specify its preferred network tariff in a New Connection B2B, or at any time thereafter, Energex will default the network tariff to what it considers to be the most appropriate tariff.

Energex assigns network tariffs/tariff class on the basis of one or more of the following factors:

- i. The nature and extent of their usage
- ii. The nature of their connection to the network
- iii. Whether remotely-read interval metering or other similar metering technology has been installed at the customer's premises based on a customer's classification (business or residential) and annual consumption (which may be estimated for new connections).

The full conditions associated with the application assignment or reassignment of Energex's tariffs and tariff classes can be found in the 2016-17 Annual Pricing Proposal available on Energex's website.<sup>2</sup>

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<sup>2</sup> <https://www.energex.com.au/home/our-services/pricing-And-tariffs/business-customers/pricing-publications>

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# APPENDICES

# Appendix 1 – Additional Business-to-Business codes

Energex provides a number of DUoS services which are requested through the usual B2B communication channels. A list of services with full description and product code is provided in the additional product code listing in Table A 1.

**Table A 1 – Additional DUoS service B2B Product Codes**

Category	Description	Product Code	Full description	Peace charge code
New Connections	U/G Perm Supply - CT BH	NCUP2MB	New underground connection. CT. BH.	100
	U/G Perm Supply - No CT BH	NCUP1MB	New underground connection. No CT. BH.	158
	U/G Perm Supply - CT AH	NCUP2MA	New underground connection. CT. AH.	106
	U/G Perm Supply - No CT AH	NCUP1MA	New underground connection. No CT. AH.	156
	U/G Perm Supply - CT Anytime	NCUP2MT	New underground connection. CT. Anytime.	118
	U/G Perm Supply - No CT Anytime	NCUP1MT	New underground connection. No CT. Anytime.	116
	O/H Perm Supply - CT BH	NCOP2MB	New overhead connection. CT. BH.	104
	O/H Perm Supply - No CT BH	NCOP1MB	New overhead connection. No CT. BH.	102
	O/H Perm Supply - CT AH	NCOP2MA	New overhead connection. CT. AH.	110
	O/H Perm Supply - No CT AH	NCOP1MA	New overhead connection. No CT. AH.	108
	O/H Perm Supply - CT Anytime	NCOP2MT	New overhead connection. CT. Anytime.	114
	O/H Perm Supply - No CT Anytime	NCOP1MT	New overhead connection. No CT. Anytime.	112
	Temp/Perm - CT BH	NCTP2MB	New temporary connection in permanent. CT. BH.	150

Category	Description	Product Code	Full description	Peace charge code
	Temp/Perm - No CT BH	NCTP1MB	New temporary connection in permanent. No CT. BH.	148
	Temp/Perm - CT AH	NCTP2MA	New temporary connection in permanent. CT. AH.	134
	Temp/Perm - No CT AH	NCTP1MA	New temporary connection in permanent. No CT. AH.	132
	Temp/Perm - CT Anytime	NCTP2MT	New temporary connection in permanent. CT. Anytime.	138
	Temp/Perm - No CT Anytime	NCTP1MT	New temporary connection in permanent. No CT. Anytime.	136
<b>Unmetered Supply</b>	UMS Connection Point Available	NCUMSC	New unmetered connection where connection point is available.	152
	UMS Connection Point Not Available	NCUMSCN	New unmetered connection where connection point is unavailable.	153
<b>No Charge</b>	No Charge	No Charge	No Charge	9999

In addition to ACS provided on a fee-for-service basis, Energex provides a number of services which are part of the Metering Services Charge (MSC) which are requested through the usual B2B communication channels. A list of services with full description and product code is provided in the additional product code listing in Table A 2.

**Table A 2 – Additional MSC services Product Codes**

Category	Description	Product Code	Full description	Peace charge code
<b>Additions &amp; Alterations</b>	Remove Meter - CT	AARM2M	Adds & Alts: Remove meter. CT. BH	526
	Remove Meter - No CT	AARM1M	Adds & Alts: Remove meter. No CT. BH.	524
<b>Meter investigations</b>	Tamper - CT B/H Only	MIT2MB	Investigate meter for tampering. CT. BH.	710
	Tamper - No CT B/H Only	MIT1MB	Investigate meter for tampering. No CT. BH.	708

## Appendix 2 – Glossary

Table A 3 – Acronyms and abbreviations

Abbreviation	Description
ACS	Alternative Control Service
AER	Australian Energy Regulator
AH	After Hours
BH	Business Hours
CAC	Connection Asset Customers
Capex	Capital Expenditure
CT	Current transformer
DNSP	Distribution Network Service Provider
DPPC	Designated Pricing Proposal Charges (previously known as TUoS)
DUoS	Distribution Use of System
EG	Embedded Generators
ENA	Energy Network Australia
EOO	Luminaires owned and operated by Energex
FiT	Feed-in Tariff (Solar FiT) under the Queensland Solar Bonus Scheme
GOO	Luminaires gifted to Energex by a council and operated by Energex
HV	High Voltage
ICC	Individually Calculated Customers
LCC	Large Customer Connection
LV	Low Voltage
MAB	Metering Asset Base
NEM	National Electricity Market
NER	National Electricity Rules (or Rules)
NMI	National Meter Identifier
NTC	Network Tariff Code
NUoS	Network Use of System
Opex	Operating and Maintenance Expenditure
PV	Photovoltaic (Solar PV)
Rules	National Electricity Rules (or NER)
SAC	Standard Asset Customers
SBS FiT	Queensland Government Solar Bonus Scheme

Abbreviation	Description
SCS	Standard Control Service
Solar PV	Solar Photovoltaic
TNSP	Transmission Network Service Provider
ToU	Time of Use
TUoS	Transmission Use of System

**Table A 4 – Units of measurement used throughout this document**

Base Unit	Unit name	Multiples used in this document
h	hour	GWh, kWh, MWh
V	volt	kV, kVA, MVA
VA	volt-ampere	kVA, MVA
W	watt	W, kW, kWh, MW

**Table A 5 – Units of measurement used throughout this document**

Prefix symbol	Prefix name	Prefix multiples by unit	Prefixes used in this document
G	giga	10 <sup>9</sup>	GWh
M	mega	1 million or 10 <sup>6</sup>	MW, MWh, MVA
k	kilo	1 thousand or 10 <sup>3</sup>	kV, kVA, kW, kWh

**Table A 6 – Definitions of terminology throughout this document**

Term	Abbreviation/ Acronym	Definition
After Hours	AH	Any time outside business hours.
Alternative Control Service	ACS	Customer specific or customer requested services. These services may also have potential for provision on a competitive basis rather than by the local DNSP.
Australian Energy Regulator	AER	The economic regulator of the NEM established under section 44AE of the Competition and Consumer Act 2010 (Commonwealth).
Business hours	BH	8 am to 5 pm, Monday to Friday.
Capital expenditure	Capex	Expenditure typically resulting in an asset (or the amount Energex has spent on assets).
Charging parameter		The charges comprising a tariff. Parameters include demand, capacity, fixed and volume (flat or ToU) charges.
Connection asset (Contributed or non-contributed)		Related to building connection assets at a customer's premises as well as the connection of these assets to the distribution network. Connection assets can be contributed (customer funded, then gifted to Energex)

Term	Abbreviation/ Acronym	Definition
		or non-contributed (Energex funded).
Connection point		The agreed point of supply established between a Network Service Provider and another Registered Participant, Non-Registered Customer or franchise customer. The meter is installed as close as possible to this location.
Customer		Refer to chapter 10 of the Rules.
Demand		The amount of electricity energy being consumed at a given time measured in either kilowatts (kW) or kilovolt amperes (kVA). The ratio between the two is the power factor.
Demand charge		This part of the tariff accounts for the actual demand a customer places on the electricity network. The actual demand levied for billing purposes is the metered monthly maximum demand. The charge is applied as: <ul style="list-style-type: none"> <li>• a fixed dollar price per kW per month or kVA per month for DPPC charges, and</li> <li>• a fixed dollar price per kVA per month for DUoS charges (ICC, CAC and SAC demand based customers).</li> </ul>
Distribution Use of System	DUoS	This refers to the network charges for the use of the distribution network.
Designated Pricing Proposal Charge	DPPC	Refers to the charges incurred for use of the transmission network; previously referred to as Transmission Use of System (TUoS).
Embedded Generator	EG	In line with the ENA classification, EGs are generally those generators with an installed capacity as follows: Medium: 1-5 MVA (LV or HV) or < 1 MVA (HV) Large: > 5 MVA
Energy (or usage)		Refer to the definition of Usage below
Feed-in Tariff	FiT	The rate that is to be paid for the excess energy generated by customers and fed back into the electricity grid under the Queensland Solar Bonus Scheme. The FiT rate is determined by the Queensland Government and is paid by the purchaser of the excess energy.
Final Determination		A distribution Determination document published by the AER in its role as Energex's economic regulator that provides for distribution charges to increase during Energex's Regulatory Control Period. In this Tariff Schedule, reference to the Final Determination refers to the 2015-2020 AER Final Determination.
Fixed Charge		For large customers, reflects the incremental costs that arise from the connection and management of the customer. For small customers, reflects the average capacity set aside on the shared network for a typical customer using the tariff.

Term	Abbreviation/ Acronym	Definition
High Voltage	HV	Refers to the network at 11 kV or above.
Large customer classification		As per tariff class assignment process for customers with consumption greater than 100 MWh per year.
Large customer connection	LCC	New or upgraded connections of greater than 1 MVA or 4 GWh per year, or where the uniqueness of the connection assets would result in distortion of the SAC pricing.
Low Voltage	LV	Refers to the sub-11 kV network
Maximum demand		The maximum demand recorded at a customer's individual meter or the maximum demand placed on the electrical distribution network system at any time or at a specific time or within a specific time period, such as a month. Maximum demand is an indication of the capacity required for a customer's connection or the electrical distribution network.
Micro Generator		AS4777-compliant generators with an installation size of less than 10 kW (single phase) or 30 kW (three phase) connected to the LV network.
National Electricity Market	NEM	The interconnected electricity grid covering Queensland, New South Wales, Victoria, Tasmania, South Australia and the Australian Capital Territory.
National Electricity Rules	NER (the Rules)	The legal provisions (enforced by the AER) that regulate the operation of the NEM and the national electricity systems, the activities of market participants and the provision of connection services to retail customers
National Metering Identifier	NMI	A unique number assigned to each metering installation.
Network Tariff Code	NTC	Energex's nominated code that represents the network tariff being charged to customers for network services.
Network Use of System	NUoS	The tariff for use of the distribution and transmission networks. It is the sum of both Distribution Use of System (DUoS) and Designated Pricing Proposal Charge (DPPC).
Non-Standard		Where specialist resources or extensive man-hours for a small customer connection are required to assess the applicants proposed changes to connection agreements or standard methods of connection to the DNSP's network.
Off-peak period		All hours which are outside Peak and Shoulder periods.
Power factor		Power factor is the ratio of kW to kVA, and is a useful measure of the efficiency in the use of the network infrastructure. The closer the power factor is to one (1), the more efficiently the network assets are utilised. Power factor = kW / kVA

Term	Abbreviation/ Acronym	Definition
Preliminary Decision		A Preliminary Decision is produced by the AER in its role as Energex's economic regulator. A Preliminary Decision is an interim Determination for the forthcoming regulatory period provided to Energex by the AER, prior to the release of a Final Determination. In this proposal, reference to the Preliminary Decision refers to the Preliminary Decision Energex determination 2015-16 to 2019-20.
Pricing Proposal		Prepared by Energex in accordance with Clause 6.18.2 of the Rules. It is provided to the AER for approval and outlines how Energex will collect its revenue during the relevant regulatory year.
Queensland Government Solar Bonus Scheme	SBS FIT	A program that pays residential and other small energy customers for the surplus electricity generated from roof-top solar photovoltaic (PV) systems that is exported to the Queensland electricity grid.
Regulatory Control Period		A standard Regulatory Control Period for DNSPs is a period of not less than 5 regulatory years. Energex's current Regulatory Control Period is 2015-20, commencing 1 July 2015.
Regulatory year		A specific year within the regulatory control period.
Shoulder period		All hours which are outside Peak and Off-peak periods.
Site-specific charge		This charge is calculated for a site and is specific to the individual connection point.
Small customer classification		As per tariff class assignment process for customers with consumption less than 100 MWh per year.
Standard Control Service	SCS	Services that are central to electricity supply and therefore relied on by most (if not all) customers. This service class includes network and connection services.
Street lights (Major)		Lamps in common use for major road lighting including: a) High Pressure Sodium 100 watt (S100) and above; b) Metal Halide 150 watt (H150) and above; and c) Mercury Vapour 250 watt (M250) and above.
Street lights (Minor)		All lamps in common use for minor road lighting, including Mercury Vapour, High Pressure Sodium and Fluorescent.
Tariff		The set of charges applied to a customer in the respective billing period. A tariff consists of one or more charging parameters that comprise the total tariff rate.
Tariff class		A class of customers for one or more direct control services who are subject to a particular tariff or particular tariffs (as per chapter 10 of the Rules).
Tariff Schedule		The Tariff Schedule is published by Energex annually at the beginning of the financial year and outlines its tariffs for SCS and ACS. It also provides information about

Term	Abbreviation/ Acronym	Definition
		how Energex assigns customers to tariff classes and the internal review process undertaken if a customer requests a review of a decision. The Tariff Schedule applies for the duration of the relevant financial year.
Time of use	ToU	Refers to tariffs that vary according to the time of day at which the electricity is consumed.
Transmission Use of System	TUoS	Superseded terminology for Designated Pricing Proposal Charges (DPPC) which are charges incurred for use of the transmission network.
Unmetered supply		A customer who takes supply where no meter is installed at the connection point.
Usage (or energy)		The amount of electricity consumed by a customer (or all customers) over a period of time. Energy is measured in terms of watt hours (Wh), kilowatt hours (kWh), megawatt hours (MWh) or gigawatt hours (GWh).
Usage charge		This part of the tariff seeks to reflect costs not directly allocated to network drivers and costs that are proportional to the size of the customer. The energy consumption (kWh) for the period, as recorded by the customer's meter, is utilised to calculate this part of the tariff charge. This charge is applied as a fixed amount (cents) per kilowatt hour (kWh), i.e. c/kWh.