



Supporting  
document 14.10

## Network Negotiated Services & Public Lighting - 2016\_17

2020-2025  
Regulatory Proposal  
July 2016







# **NETWORK TARIFF & NEGOTIATED SERVICES**

## **Manual No. 18**

Published: July 2016

**SA Power Networks**

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



Copyright © 2015 SA Power Networks.

This publication is copyright protected. SA Power Networks reserves to itself all rights in such material. You shall not reproduce any content of this document by any process without first obtaining SA Power Networks permission, except as permitted under the Copyright Act 1968.

All rights reserved.

DATE	EXPLANATION
18 March 2013	<ul style="list-style-type: none"> <li>Section 9               <ul style="list-style-type: none"> <li>Page 65 Removed charges for pre-payment metering.</li> <li>Page 68 added new Meter Test and Meter Inspection charges where a customer/retailer has requested an appointment.</li> <li>Page 68 changed title category for PV Meter Test.</li> <li>Page 73 changes wording for AH appointments back to original terminology of Priority Appointment.</li> </ul> </li> </ul>
June 2013	<ul style="list-style-type: none"> <li>Section 1               <ul style="list-style-type: none"> <li>1.2 Terms &amp; Definitions – added Excess kVAr charge.</li> </ul> </li> <li>Section 4 (4.3 Network Tariffs).</li> <li>Section 5 (5.1 Marketing Types).</li> <li>Section 7 (7.2 Process – Residential Customer, 7.3.3 Residential House – Meter/Tariff).</li> <li>Section 8 (8.1 Excess kVAr Charges).</li> <li>Section 9 Network Distribution Services               <ul style="list-style-type: none"> <li>Added 9.3.3.</li> </ul> </li> <li>Section 10 Feeder Charges.</li> <li>Section 11 Tariff Schedule.</li> </ul>
October 2013	<ul style="list-style-type: none"> <li>Section 11 - Clarification to Sub-Transmission and Back-up Tariffs.</li> <li>Section 12 – Added note 2 (p).</li> </ul>
June 2014	<ul style="list-style-type: none"> <li>Section 1 – updated definitions.</li> <li>Sections 8, 9, 11, 12 and 13 updated.</li> </ul>
June 2015	<ul style="list-style-type: none"> <li>All Sections updated.</li> </ul>
July 2015	<ul style="list-style-type: none"> <li>Section 9 – added new codes BCS144 &amp; BCS145</li> <li>Updated Section 13 – Tariff Mapping</li> </ul>
May 2016	<ul style="list-style-type: none"> <li>Removal of Section 5 and Section 6.</li> <li>Added new codes NDS 425, NDS 426, NDS 427 AND NDS 428</li> </ul>

Uncontrolled Document when printed. Refer to internet for latest version.

# Contents

<b>1. INTRODUCTION .....</b>	<b>5</b>
1.1 Scope and Purpose.....	5
1.2 Rates and Fees Application .....	5
1.3 Terms and Definitions .....	5
1.4 Referenced Documents, Codes and Regulations .....	9
<b>2. REQUIREMENTS OF THE NATIONAL ELECTRICITY RULES AND THE AER'S FINAL DETERMINATION 2015-16 TO 2019-20 .....</b>	<b>9</b>
<b>3. TARIFF CLASS ASSIGNMENT PROCEDURES.....</b>	<b>10</b>
3.1 Tariffs and Tariff Classes.....	10
3.2 Assignment of new customers to a tariff class .....	11
3.3 Reassignment of existing customers to another existing or a new tariff class during the next regulatory control period.....	11
3.4 Objections to proposed tariff class assignments and reassignments.....	12
<b>4. TARIFFS .....</b>	<b>13</b>
4.1 General.....	13
4.2 Categories.....	15
4.2.1 Residential Use .....	15
4.2.2 Business Use.....	15
4.2.3 Combined Business/Residential Use .....	15
4.2.4 Controlled Load .....	16
4.3 Network Tariffs.....	16
4.3.1 Low Voltage Residential Tariff Class .....	17
4.3.2 Small Business Tariffs (LV business customers <160kMWhs) .....	17
4.3.3 Large LV Tariffs (LV and >160MWhr).....	19
4.3.4 HV Business Tariffs:.....	21
4.3.5 Major Business (11, 33, 66kV) Tariff.....	21
4.3.6 Solar Generation Tariffs .....	25
4.3.7 Un-metered .....	26
<b>5. POWER FACTOR .....</b>	<b>28</b>
5.1 Excess kVAr Charges.....	28
<b>6. NEGOTIATED DISTRIBUTION SERVICES .....</b>	<b>31</b>
6.1 Basic Connection Services .....	31
6.1.1 Purpose .....	31
6.1.2 Discussion .....	31

Basic Connection Services Indicative Price List .....	33
Service Alterations (Service provision charges, excluding meter charges).....	37
Unmetered Supply .....	38
Metering provision charges (excluding service charges) .....	38
6.2 Negotiated Connection Services .....	43
6.2.1 Purpose .....	43
6.2.2 Discussion .....	43
Negotiated Connection Services Indicative Price List .....	44
6.3 Negotiated Distribution Services (Non Connection) .....	45
6.3.1 Purpose .....	45
6.3.2 Discussion .....	45
Negotiated Distribution Services (Non Connection) Indicative Price List.....	46
Fees for Provision of Public Lighting 2016/17 .....	58
Attachment 1 - Notes for Public Lighting Tariffs 2016/17 .....	61
7. FEEDER CHARGES .....	64
7.1 Background to these charges.....	64
8. TARIFF SCHEDULE FOR 2016/17 .....	65
Notes accompanying 2016/17 Tariffs .....	70
8.1 Back-up Supply Tariffs.....	75
9. TARIFF MAPPING.....	76

## 1. INTRODUCTION

### 1.1 Scope and Purpose

SA Power Networks June 2015 Revised Pricing Proposal has established five tariff classes into which the tariffs that its customers for direct control services have been separated:

- Major Business
- High Voltage Business
- Low Voltage Business
- Residential (including Controlled Load)
- Metering Services

SA Power Networks is required to assign a Network tariff to each of a customer's connection points, on the basis of a number of factors set out in the National Electricity Rules (the Rules) and procedures established by the AER. SA Power Networks is also permitted to reassign a customer's tariff class, if appropriate. This assignment and reassignment of customers to tariff classes is required by the National Electricity Rules to be subject to an effective system of assessment and review.

### 1.2 Rates and Fees Application

The distribution use of system (DUoS) tariffs and alternative control service (ACS) charges will apply from 1 July 2016

### 1.3 Terms and Definitions

Note: Specific metering terminology is located in the metering section of the document.

Term	Definition
<b>AEMO</b>	Australian Energy Market Operator. Incorporates the functions of NEMMCO (National Electricity Market Management Company).
<b>AER</b>	Australian Energy Regulator.
<b>Agreed Additional Demand</b>	Is the amount that the Agreed Anytime Demand exceeds the Agreed Annual Demand. If the Agreed Anytime Demand is less than Agreed Annual Demand then the Agreed Additional Demand is zero.
<b>Agreed Annual Demand</b>	Is the highest demand expected to be required in the period 12:00 to 21:00 on working days in November through March (Central Standard Summer Time). This may be determined by agreement or by recorded demand.
<b>Agreed Anytime Demand</b>	Is the highest demand expected to be required outside of the times that the Agreed Annual Demand applies. This may be determined by agreement or by recorded demand. This may be equal or higher than the Agreed Annual Demand but not less.
<b>Alternative Control Services</b>	These services are customer specific or customer requested services. These services may also have the potential for provision on a competitive basis rather than by a single distributor
<b>Augmentation</b>	Means works to enlarge the capability of the SA Power Networks distribution network to distribute electricity.



Term	Definition
<b>Authorised Capacity</b>	<p>Is the supply capacity that the customer is authorised to use. This is generally the demand capacity specified in SA Power Networks offer letter up to the first three years from connection.</p> <p>The capacity then becomes the agreed demand and could be less than what was agreed to in the offer letter.</p> <p>Where a customer requests a reduction in their Agreed Demands then subject to approval the reduced Agreed Demands also becomes the Authorised Capacity.</p>
<b>Basic Connection Service</b>	<p>Means a connection service related to a connection (or proposed connection) no greater than 63 Amps per phase low voltage between SA Power Networks distribution system and a customer's premises (including a small embedded generator no more than 10kVA per phase and a total of 5kVA SWER connections).</p> <p>The provision of this connection service involves minimal or no augmentation of the distribution network.</p>
<b>Connection</b>	Means a physical link between SA Power Networks distribution system and a customer's premises to allow the flow of electricity.
<b>Connection Point</b>	The physical location of connection between a customer's electrical installation and SA Power Networks distribution system assets.
<b>Customer</b>	Distribution Network User.
<b>DLF</b>	Distribution Loss Factor – measure of the percentage of energy lost through line losses on the distribution network between the transmission connection point and the customer connection point.
<b>Entry Point</b>	The physical point at which SA Power Networks distribution system (feeder) or the customer's consumers mains cross the property boundary operated or owned by the customer and where the energy flow is from the outside to the inside of the property.
<b>Excess kVAr charge</b>	If a customer installation is not power factor compliant at times of the NMI monthly peak demand, then an annual charge is applied. The charge equates to the amount of kVAr's required to make the site compliant times a fixed charge.
<b>Exit Point</b>	The physical point at which SA Power Networks distribution system (feeder) crosses the customers property boundary operated or occupied by the customer and where the energy flow is from the inside to the outside of the property.
<b>Expedited Connection</b>	A basic connection service can be expedited by accepting both the Terms and Conditions of the MSO and the default price when the application is made.
<b>Extension</b>	This term applies to extending the distribution network into areas not previously supplied at that voltage. The extension is likely to be used by more customers than those initially being supplied. This includes building new HV mains above existing LV mains, new radial extensions of HV mains, LV mains and SWER lines and may include new transformers.

Term	Definition
<b>FRMP</b>	Financially Responsible Market Participant ie the Retailer.
<b>Indicative Price List</b>	A set of default connection service charges that indicates the average price for the provision of each service. These charges do not apply if you choose a negotiated service.
<b>kVA</b>	kVA essentially represents demand. kVA includes both Active and Reactive power to give a better indication of the demand on an electrical supply system. (Apparent Power).
<b>kW</b>	Watts are the electrical unit of power, 1kW = 1,000 Watts – A measure of demand however this unit only includes the electrical properties that actually perform electrical work (Also known as Active or Real power).
<b>kWh</b>	The unit used for electrical energy consumed eg 1kW of load used for 1 hour equals 1kWh.
<b>kVAr</b>	The unit used for the measurement of reactive power.
<b>LNSP</b>	Local Network Service Provider – For customers directly connected to SA Power Networks distribution system the LNSP is SA Power Networks.
<b>MDP</b>	Metering Data Provider – the organisation responsible for collecting and ‘publishing’ meter readings or consumption data.
<b>MLF</b>	Marginal Loss Factor – a measure of the percentage of energy lost through line losses in the Transmission system compared to that lost in supplying the Reference Node.
<b>Model Standing Offers (MSO)</b>	Provides the Terms and Conditions of a basic connection service which have been approved by the AER.
<b>Monthly Off-peak Demand</b>	This is the peak demand reached in the periods outside of the Monthly Shoulder Demand and the Monthly Peak Demand periods.
<b>Monthly Peak Demand</b>	This is the peak demand reached on a week day in the months of November, December, January, February and March in the peak demand period 4pm to 9pm. This demand is reset each month and public holidays are excluded.
<b>Monthly Shoulder Demand</b>	This is the peak demand reached on a week day each month in the shoulder demand period 12 mid day to 4pm. This demand is reset each month.
<b>MPB</b>	Meter Provider – the organisation responsible for providing and/or maintaining the metering installation under the NER.
<b>Negotiated Services</b>	All services that are not a basic connection service.
<b>Negotiated Connection Services</b>	Are all services that relate to a connection (or a proposed connection) between SA Power Networks distribution system and the customers premises but are not basic connection services.



Term	Definition
<b>Negotiated Distribution Services</b>	Are all services that are not related to a connection (or a proposed connection) between SA Power Networks distribution system and the customer's premises.
<b>NER</b>	National Electricity Rules – formerly called NEC.
<b>NMI</b>	National Metering Identifier. A unique number for a customer's metered connection point or points. A customer may have more than one metered connection point; therefore a customer could have more than one NMI. A NMI is 10 characters long with an additional check digit eg SAAAAAXXXX / X or 200XXXXXXX / X
<b>Off-peak Energy</b>	Energy consumed that is other than peak energy.
<b>Peak Energy</b>	Energy consumed on business days between the hours of 0700 and 2100 (Central Standard Time). For customers with metering that does not recognise specific days, peak energy is energy consumed on each day between the hours of 0700 and 2100 (Central Standard Time).
<b>PF</b>	Power Factor is essentially a type of efficiency measure and is the ratio of Active and Apparent power. ie $PF = kW/kVA$ .
<b>PV</b>	Photovoltaic.
<b>PV JSO</b>	This is a charge to recover the SA Government solar feed in subsidy provided to customers that qualify for the solar feed in tariff.
<b>Real Estate Development</b>	Means the commercial development of land including its development in one or more of the following ways: <ul style="list-style-type: none"> <li>• Residential, industrial or commercial subdivision;</li> <li>• The construction of multi tenanted commercial or industrial premises (or both);</li> <li>• The construction of multiple new residential premises ie multi tenanted apartment building.</li> </ul>
<b>RP</b>	Responsible Person – the organisation responsible for managing a metering installation under the NER.
<b>Standard Control Services</b>	Those distribution services that are central to electricity supply and include network augmentations and, in limited circumstances, network extensions. These services encompass construction, maintenance and repair of the network for existing and new customers.
<b>Sub-Transmission</b>	Is the SA Power Networks 33kV backbone and 66kV network.
<b>Sub-Transmission Tariff</b>	To be eligible for a Sub-Transmission Tariff the customer must take direct supply from the SA Power Networks Sub-Transmission network.
<b>SWER</b>	Single Wire Earth Return.

Term	Definition
<b>Termination Point</b>	The physical point at which SA Power Networks distribution system (feeder) terminates within the customers property boundary.
<b>URD</b>	Underground Residential Development.
<b>Zone Substation</b>	A Zone Substation is an SA Power Networks premise in which HV supply is converted, controlled or transferred.
<b>Zone Substation Tariff</b>	To be eligible for a Zone Substation Tariff the customer must take direct supply from an SA Power Networks Zone Substation. The supply is taken from the secondary side of the transformer located at the substation.

## 1.4 Referenced Documents, Codes and Regulations

The following documents have been referenced in this Network Tariff & Negotiated Services manual:

- The South Australian Electricity Distribution Code <sup>1</sup>
- South Australian Electricity Metering Code <sup>2</sup>
- National Electricity Rules <sup>3</sup>
- AER Final Decision for South Australia <sup>4</sup>
- SA Power Networks Pricing Proposal <sup>5</sup>

## 2. REQUIREMENTS OF THE NATIONAL ELECTRICITY RULES AND THE AER'S FINAL DETERMINATION 2015-16 TO 2019-20

SA Power Networks June 2016/17 Annual Pricing Proposal was prepared in accordance with Clause 6.18.2 of the Rules<sup>6</sup>. That Pricing Proposal defined the five tariff classes into which the customers of its direct control services were separated.

Pursuant to the principles set out in clause 6.18.4 of the Rules, the AER agreed to assign all existing SA Power Networks customers to these five tariff classes in 2015-20.

Appendix B of the AERs Final Decision set out the procedures which SA Power Networks must follow in assigning customers to tariff classes or reassigning customers from one tariff class to another during the 2015-20 regulatory control period. The procedures also cover the following matters pertaining to tariff class assignment and reassignment:

- Assignment of new customers to a tariff class
- Reassignment of existing customers to another existing or a new tariff class
- Objections to proposed assignments and reassignments

1 Available at: <http://www.aer.gov.au/node/11641>

2 Available at: <http://www.escosa.sa.gov.au/library/101221-ElectricityMeteringCode EMTC07.pdf>

3 National Electricity Rules Version 80, 26 May 2016

4 Australian Energy Regulator, Final decision – SA Power Networks determination 2015-16 to 2019-20

5 SA Power Networks Pricing Proposal 2016/17, 31 May 2016

6 National Electricity Rules 6.18.2(a)(2) Ver 65. Note: the former rules apply (Ver 65) for year 2 of the regulatory control period on account of transitional Rule 11.73.1(b) Ver 80.

### 3. TARIFF CLASS ASSIGNMENT PROCEDURES

This section sets out the tariff and tariff class assignment procedures to be followed by SA Power Networks 2016/17.

#### 3.1 Tariffs and Tariff Classes

SA Power Networks' regulated services are classified in accordance with the Rules as direct control services and include its network services and some metering services. These services have been further classified into:

- Standard control services (network services); and
- Alternative control services (metering services).

Each of these classifications of service is subject to separate regulatory determinations by the AER.

SA Power Networks' 34 standard control services tariffs have been grouped into five tariff classes. This grouping is illustrated below.

**SA Power Networks standard control services tariff classes**

Type 1-4 meter	Type 5-6 meter		Type 7 (Unmetered)
Monthly billing	Monthly billing	Quarterly billing	Monthly billing
Major business (11, 33, 66 kV)			
kVA demand (locational TUoS) STN			
kVA demand (loc'l TUoS) ZSN			
kVA demand Zone ZSN			
HV business			
kVA demand HVI			
kVA demand HVI400 (<400 kVA)			
kVA actual demand HBDI			
Large business			
kVA demand LVI			
kVA actual demand BDI			
kVA transitional actual demand BDIT			
	2 rate LBMB2R / OPCL	2 rate LBQB2R / OPCL	
	LBMSBR / OPCL	LBQSBR / OPCL	
Small business			
kVA demand SBLVI			
kVA actual demand SBBDI			
kVA transitional actual demand SBBDIT			
2 rate SBB2R124 / OPCL	2 rate SBMB2R / OPCL	2 rate SBQB2R / OPCL	LVUU
SBBSR124 / OPCL	SBMSBR / OPCL	SBQSBR / OPCL	LVUU24
LV residential			
MRSR1	MRSR	QRSR	
With cont. load MRSRCLI	With cont. load MRSROPCL	With cont. load QRSROPCL	

SA Power Networks' alternative control services tariffs have all been grouped into a single tariff class. This arrangement is illustrated below.



**SA Power Networks alternative control services tariff classes****Alternative Control Services Tariffs**

Type 1-4 Exceptional remotely read  
 Type 5-6 CT connected, manually read  
 Type 5-6 WC manually read

**3.2 Assignment of new customers to a tariff class**

Upon receipt of an Application for Connection/Alteration and Removal of Supply ([Form A](#)) for the provision of a new or altered network connection<sup>7</sup>, the SA Power Networks Project Officer responsible for managing the Application for Connection will determine the tariff and tariff class to be applied to the new or upgraded customer connection.

The tariff and tariff class to be assigned, or reassigned, to a customer will be chosen by the Project Officer in accordance with the requirements set out in Sections 4 and 5 of this *Network Tariff & Negotiated Services* manual. This tariff and tariff class assignment takes into account one or more of the following factors<sup>8</sup>:

- Customers with similar connection and usage profiles are treated equally; and
- Customers that have micro-generation facilities are not treated less favourably than customers with similar load profiles without such facilities.

**Customer notification of tariff class assignment**

The Project Officer is responsible for notifying the retailer, customer or intending customer who lodged the Application to Connect, of the proposed network tariff and tariff class assignment. These details are to be provided together with SA Power Networks connection offer to the customer.

The connection offer will include the additional information set out in Section 3.4.

**3.3 Reassignment of existing customers to another existing or a new tariff class during the next regulatory control period.**

SA Power Networks Major Customer Manager is required to carry out a bi-annual review of the consumption of customer. This review is intended to identify whether:

- An existing customer's load or connection characteristics have changed, such that it is no longer appropriate for that customer to be assigned to the current tariff class; or
- A customer no longer has the same or materially similar load or connection characteristics as other customers on the customer's existing tariff class.

In the event that this review identifies customers whose tariff class is no longer appropriate, then SA Power Networks Major Customer Manager may propose to reassign that customer to another tariff class.

<sup>7</sup> Form A is available at: [www.sapowernetworks.com.au/centric/contractors\\_and\\_designers/contractor\\_forms\\_and\\_guides.jsp](http://www.sapowernetworks.com.au/centric/contractors_and_designers/contractor_forms_and_guides.jsp)

<sup>8</sup> In the event that a future regulatory obligation requires remotely-read interval metering or other similar metering technology to be installed at the customer's premises, this procedure may be modified.

### **Customer notification of tariff class reassignment**

The Major Customer Manager is responsible for using best endeavours in notifying any customers in writing of the proposed reassignment of their network tariff. If the identity of the customer is not known, then the customer's retailer is to be notified instead.

The tariff reassignment advice will include the additional information set out in Section 3.4.

One month's notice is to be provided to the customer or retailer of a proposed tariff class reassignment.

## **3.4 Objections to proposed tariff class assignments and reassignments**

### **Information provided to customers concerning tariff class assignment and reassignment**

Where SA Power Networks notifies customers of a tariff class assignment or reassignment, the notification will include reference to the web address from which this *Network Tariff & Negotiated Services* Manual may be obtained. The notification will also explain that:

- The customer may request further information from SA Power Networks' Manager Regulation;
- The customer may object in writing to SA Power Networks' Manager Regulation concerning the proposed tariff or tariff class assignment;
- In the event that the customer is not satisfied with SA Power Networks' internal resolution of such an objection, the customer may be entitled to appeal to the Energy Industry Ombudsman (South Australia). Typically small customers (<160 MWh) have access to the Ombudsman; and
- In the event that an objection is not resolved to the satisfaction of the customer under SA Power Networks' internal review system, then the customer is entitled to seek resolution via the dispute resolution process available under Part 10 of the NEL.

Upon receipt of a request for further information concerning a tariff class assignment or reassignment, SA Power Networks' Manager Regulation is to arrange the provision of relevant information to the customer concerning the tariff class assignment or reassignment, provided that such information is not confidential.

### **Internal review process of tariff class assignment and reassignment**

Upon receipt of an objection by a customer to a tariff class assignment or reassignment, SA Power Networks' Manager Regulation will reconsider the relevant tariff class assignment or reassignment, having regard to the following:

- The basis of the customer's objection;
- The principles for tariff assignment and reassignment set out in clauses 6.18.3 and 6.18.4 of the Rules;
- The procedures for tariff assignment and reassignment set out in Attachment 14, of the AER's Final Determination; and
- The process and guidelines for tariff assignment and reassignment set out in Sections 3 and 4 of this *Network Tariff & Negotiated Services* Manual.

The SA Power Networks' Manager Regulation will notify the customer of the outcome of SA Power Networks' internal review and the reasons for accepting or rejecting the customer's objection to the tariff class assignment or reassignment. The notification by the Manager Regulation will also advise that:

- In the event that the customer is not satisfied with SA Power Networks' internal resolution of such an objection, the customer may be entitled to appeal to the Energy Industry Ombudsman (South Australia); and

- In the event that an objection is not resolved to the satisfaction of the customer under the SA Power Networks internal review system, then the customer is entitled to seek resolution via the dispute resolution process available under Part 10 of the NEL.

#### **External review of tariff class assignment and reassignment**

If a customer's objection to a tariff class assignment or reassignment is upheld by a relevant external dispute resolution body, then any adjustment which needs to be made to prices will be done by SA Power Networks as part of the next annual review of prices.

## **4. TARIFFS**

### **4.1 General**

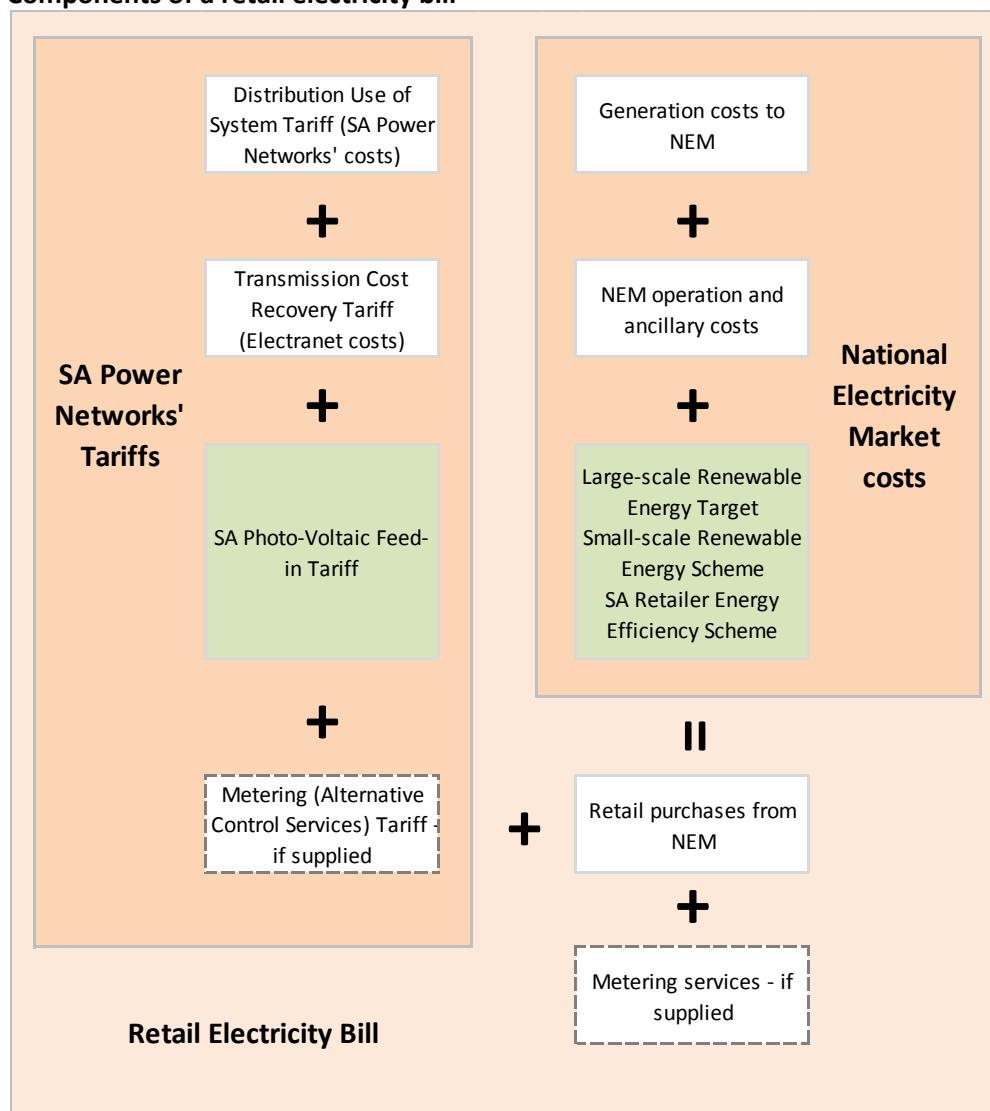
A customer's retail electricity bill will generally comprise the following components, although particularly for smaller customers, these components may not be separately itemised:

- Retail charges;
- NEM charges;
- Network charges; and
- Metering charges.

Retail charges cover the cost of a retailer buying energy from the national pool or directly from a generator and selling it to the customer. The retail charge is the component that a customer negotiates a pricing plan for when entering into a market contract.

The components of a customer's retail electricity bill are shown in the following illustration. With regard to metering services, certain components of the metering service may be provided by SA Power Networks, may be supplied by the retailer or may be procured directly by the customer.



**Components of a retail electricity bill**

Network Tariffs are set in accordance with the requirements of:

- The Electricity Act;
- The NER; and
- The AER's Determination.

SA Power Networks is required to assign a network tariff and tariff class to each customer using the procedure set out in Attachment 14 of the AER's determination. In practical terms, the following factors determine the nature and extent of the customer's usage and the nature of the customer's network connection:

- Type of use (ie residential or business);
- The connection point characteristics (eg low or high voltage); and
- The maximum electrical demand.

Network tariffs include components for:

- Distribution (DUoS – Distribution Use of System);
- Transmission (TUoS – Transmission Use of System);
- PV FiT (photo-voltaic feed-in tariff recovery); and may also include
- Metering Services.

In some cases a network tariff is required to be assigned and in other cases the customer or retailer can elect a tariff subject to meeting eligibility criteria.

## 4.2 Categories

Tariffs are assigned subject to the requirements specified in the 'Notes accompanying the Distribution Tariffs' as issued from time to time. Customers must advise SA Power Networks of their particular circumstances in order for the correct tariff(s) to be assigned (Distribution Code). For situations not specifically covered, the following general principles apply.

### 4.2.1 Residential Use

Residential use is electricity consumed by a Customer at a domestic dwelling and who lives in that dwelling. This may include consumption from an office located within the home so long as there is no more than one employee normally working within the dwelling. Note: For the purposes of this definition hired domestic help or carers are not to be considered employees.

Residential use can also include:

- Electricity used in outbuildings etc located on the same property as the Customer's dwelling and where the primary use of the outbuilding is domestic;
- Short term accommodation provided due to the nature and location of the property eg shearing quarters (accommodation provided as term of employment); and
- Electricity used in the pumping of water for domestic use (or effluent) for single premises of the same Customer and on the same property (or multiple premises) where eligible for residential tariff – as above.

Residential use does not include:

- Boarding houses, nursing homes or accommodation of motel or bed and breakfast type ie short term accommodation or where a fee is charged for the use of facilities;
- A clearly public office or shop attached to a dwelling;
- Temporary supplies; and
- One metered connection for three or more independent (or semi independent) dwelling(s).

### 4.2.2 Business Use

Business use is electricity used for any purpose other than residential. This includes industrial, commercial, accommodation, hospitality and agricultural uses.

### 4.2.3 Combined Business/Residential Use

The customer is responsible for ensuring that facilities are provided for metering the use of electricity for each purpose. Where such facilities are impractical or not provided, the distribution tariff can be assigned on the basis of majority use.

Where it is known that a connection to a dwelling is subject to dual business/residential usage (and separate metering cannot be installed) then, in the absence of any detailed information, the category should be determined by the majority floor space usage of the building for which the electricity supply is provided for.

#### 4.2.4 Controlled Load

Controlled load tariff is permitted to be used in conjunction with another tariff for specific thermal storage applications. Controlled Load tariff is available for new or existing supplies in conjunction with Residential Single Rate tariff only. Where an existing supply has some other tariff in conjunction with Controlled Load then the combination may remain as is. However, if the customer seeks to change tariff (eg from BSROPCL to LV), then they can no longer retain the OPCL component.

OPCL tariff is available for approved applications via a time switch controlled by SA Power Networks. The timing of night time availability is set in accordance with SA Power Networks requirements. A residential customer may request additional time between 1000 and 1500 CST for use of OPCL by application. There is a fee for the amendment of the time clock to enable the use of OPCL at these additional times. Existing OPCL installations with afternoon boost are maintained with no change to their timing.

Where dual element system has switched OPCL supply for the bottom element and continuous OPCL supply for the top element, then that arrangement can be retained as is. For new or additional OPCL installations continuous supply on OPCL tariff is no longer available; only switched supply, with access during 1000-1500 CST is now available.

Approved applications of OPCL are permanently installed storage water heaters with a capacity of 125 litres or more, underfloor (slab heating), swimming pool or spa heating. For swimming pool or spa applications only, the heating element is permitted to be connected to OPCL; pumps and auxiliaries are to be on the accompanying tariff.

### 4.3 Network Tariffs

The network tariff is independent of any retail pricing plan, contract or tariff. There are only a few core tariffs in each group with minor variants.

The variants allow for:

- Optional metering needs (eg type 1-5);
- Monthly/quarterly readings; and
- Combination with controlled load tariff.

The current tariffs and eligibility criteria are listed on the SA Power Networks internet and intranet sites: Please refer to Section 8 for 2016/17 Network Tariffs.



**4.3.1 Low Voltage Residential Tariff Class**

Tariff Name	Tariff Description	Tariff Code
Low Voltage Residential - Single Rate	Low Voltage Residential - Single Rate - Quarterly	RSR
	Low Voltage Residential - Single Rate Quarterly with Controlled Load	RSROPCL
	Low Voltage Residential - Single Rate - Monthly	RSR
	Low Voltage Residential - Single Rate – Monthly- with Controlled Load	RSROPCL
	Low Voltage Residential – Monthly Demand	MRD
	Low Voltage Residential – Monthly Demand with Controlled Load	MRDOPCL
OPCL	Controlled Load - Tariff Component	Included above

**Note:**

- A retailer may offer a residential customer a time-of-use contract which will require a two rate meter or interval meter to be installed however, the network tariff will remain as RSR.
- In 2014/2015, SA Power Networks introduced a monthly demand tariff (tariff codes MRD and MRDOPCL). This tariff is available to low voltage residential customers only (on an optional basis), and requires a type 1-4 or type 5 monthly read meter.

**4.3.2 Small Business Tariffs (LV business customers <160kMWhs)**

Existing small market customers (less than 160kMWhs per annum) connected before 1 July 2015 can remain on their existing tariff including BSR and SLV.

Different arrangements apply to new customers, to some existing customers who change their electricity supply arrangements and to existing customers that breach the 250kVA threshold.

Two tariffs are obsolete and closed to new applicants:

- Business single rate tariffs (BSR and BSROPCL) are only available to existing BSR customers whilst they remain on that tariff.
- The business annual agreed kVA demand tariff (SLV) is obsolete from July 2016, and is only available to existing SLV customers whilst they remain on that tariff.

New small customers with single phase supply will be assigned to B2R.

Tariff Name	Tariff Description	Tariff Code
Obsolete tariff only available to existing customers connected before 1 July 2015  Low Voltage Business Single Rate	Low Voltage - Business Single Rate - Quarterly	BSR
	Low Voltage - Business Single Rate – Quarterly with Controlled Load	BSROPCL
	Low Voltage - Business Single Rate - Monthly	BSR
	Low Voltage - Business Single Rate – Monthly with Controlled Load	BSROPCL
Low Voltage Business Two Rate	Low Voltage Business Two Rate - Quarterly	B2R
	Low Voltage Business Two Rate – Quarterly with Controlled Load	B2ROPCL
	Low Voltage Business Two Rate - Monthly	B2R
	Low Voltage Business Two Rate – Monthly with Controlled Load	B2ROPCL
Low voltage Business actual demand	Small Business monthly actual kVA demand	SBD
	Small Business monthly actual kVA demand transition	SBDT
Low Voltage Business Annual Agreed demand (obsolete from 1 July 2016)	Small Business Agreed Annual kVA demand	SLV
Controlled Load - Tariff Component	Included above (subject to qualification)	OPCL

Cost-reflective tariffs (eg SBD, SBDT and the obsolete SLV) are required for some small business customers, including:

- Customers with peak demand that has exceeded 250 kVA in the last two years;
- New customers (July 2010 to June 2015) that required CT metering because of their capacity needs;
- Customers with CT metering who altered their supply arrangements since July 2010 (eg obtained increased capacity, installed an inverter and/or installed embedded generation);
- New customers (from July 2015) that have three-phase supply; and
- Customers with three phase supply who alter their supply arrangements from July 2015 onwards.

Small business customers who are not required to use cost-reflective tariffs can elect to use these tariffs (by request to their retailer who will advise SA Power Networks). These customers can also elect to revert back to B2R if they so choose after a minimum of 12 months on cost-reflective tariffs.

Note that installing a new meter is not an alteration of supply by itself.

Note that a small business customer required to use cost-reflective tariffs can elect to use the transition tariff SBDT, by request through their retailer.

### 4.3.3 Large LV Tariffs (LV and >160MWhr)

All large business customers are required to use cost-reflective tariffs. Large customers are determined as those who are consuming more than 160 MWh over a 12 month period during the last two years. Where data for a full year is not available, forecast usage data and/or pro-rate usage data to date may be used to determine if usage exceeds 160 MWh pa.

These tariffs all require a Type 1-3 meter, or a Type 4 or Type 5 meter with kVAr functionality.

#### Business Monthly Actual kVA Demand Tariff:

This tariff incorporates three demand periods:

- Peak Demand Period

This is the peak demand reached on a work day in the months of November, December, January, February and March in the peak demand period 4pm to 9pm. This demand is reset each month following the meter read. Public holidays are excluded from work days.

- Shoulder Demand Period

This is the demand reached on a work day each month through the year in the shoulder demand period 12 midday to 4pm. This demand is reset each month after the meter is read.

- Off Peak Demand Period

This is the demand reached in the periods outside of the monthly shoulder and peak demand periods. The 2016/17 tariffs have no charge for this period. A customer must remain on this tariff for a minimum of 12 months. It is not permitted to change between the Agreed Demand tariff and the Actual (monthly) Demand tariff during a 12 month period.

Tariff Name	Tariff Description	Tariff Codes
Low voltage business transition (type 6 meter only)	Large Business single Rate Transition (type 6 meter)	LBSR
	Large Business Two Rate Transition (type 6 meter)	LB2R
Low voltage Business actual demand	Business Monthly Actual kVA Demand	BD
Low voltage Business agreed demand	Business Annual Agreed kVA Demand	LV
	Sportsground Business Annual Agreed kVA Demand	LVSG
	Business Annual Agreed kVA Demand (Back-up)	LVB
	Business Annual Agreed kVA Demand (Negotiated service)	LVN



**Business Annual Agreed kVA Demand Tariff (LV):**

This tariff incorporates two demand periods where a level of demand is agreed with the customer by SA Power Networks. The agreed demand ratchets up in situations where a customer uses more demand than previously agreed.

The setting of the agreed demand is a very important part of the tariff as this then becomes a contractual agreement with the customer for the capacity in kVA that is available to the NMI. The customer can negotiate changes to this agreed demand or capacity and there are processes for these requests. For sites that are still within the revenue rebate period, a demand reduction request will also require a negotiated change to the connection contract and this may result in a one-off charge. An SA Power Networks' Customer Manager needs to be part of these negotiations.

If a customer requests a reduction in demand then they need to apply in writing and if their demand increases within 12 months of the change, then SA Power Networks will back date the increased demand network charges to the date of the reduction. If the customer increases demand beyond 12 month from the requested reduction in demand then normal processes will be followed and all charges and rebates will be applied.

If the customer wishes to increase their agreed demand or they breach their existing agreed demand, the customer manager will consult with Customer Solutions who will provide an offer letter with all applicable charges for the customer.

- **Peak Demand**

This is the peak demand agreed/reached on a work day in the months of November, December, January, February and March in the peak demand period 12 noon to 9pm. This demand is only reset upon agreement. The customer may request an agreed demand reset through their retailer.

- **Additional Demand**

Additional demand is the difference between the level of demand agreed/reached by a customer at anytime in the year and that agree/reached during during the peak demand period. This demand is only reset upon agreement. The customer may request an agreed demand reset through their retailer.

**Note:**

There are a few variants used in the billing process to allow for some legacy situations without adversely affecting the customer.

- An Actual Demand kVA Transition tariff (BDT) has been used to manage those large business customers previously using energy tariffs that would otherwise be worse off under actual demand. SA Power Networks has assigned these customers to this tariff during 2015/16. It is not an optional tariff. Customers assigned to BDT can opt-out and select an actual demand (BD) or agreed demand (LV) tariff if they wish. The BDT transition tariff will become increasingly cost-reflective each year, with full cost-reflectivity by July 2020. Customers have a period of transition to either adjust their electrical needs or adapt to a higher cost of electricity.

- The Sportsground annual agreed demand tariff is only for community sporting clubs with a large lighting load demand. The agreed demand is measured on workdays from December to February between 12 noon and 7pm. Additional demand applies to the increment in demand outside of peak times eg from the sportslighting. It may be that tariff BD is financially preferable for some sporting clubs if the lights are not used every month throughout the year.

#### 4.3.4 HV Business Tariffs:

The HV Business tariffs apply to customers taking supply at high voltages (generally at 11kV). The tariff options available use the same concepts as the LV Large Business tariff options, eg Annual Agreed Demand (LV and HV, HV400) and Monthly Actual Demand (BD and HBD). See 4.3.3 for details.

Tariff Name	Tariff Description	Tariff Code
High Voltage – kVA Actual Demand	High Voltage Actual Demand KVA Monthly	HBD
High Voltage - kVA Agreed Demand	High Voltage Annual Agreed Demand KVA High Voltage Annual Agreed Demand KVA < 400KVA	HV HV400
High Voltage - kVA Demand	High Voltage Demand KVA (Back-up) High Voltage Demand KVA (Negotiated service)	HVB HVN

#### 4.3.5 Major Business (11, 33, 66kV) Tariff

The Major Business tariffs apply to customers taking supply at high voltages from zone substations (ZSN, generally at 11kV) or from sub-transmission voltages (STR, at 33kV or 66kV). The tariff options available use the same concepts as the LV Large Business tariff options, eg Annual Agreed Demand (LV and ZSN, STR). Locational tariffs are used for those customers where the site has used/uses more than 10MVA and/or 40GWh usage pa. See 4.3.3 for details.

Tariff Name	Tariff Description	Tariff Code
Zone Sub-station (kVA)	Zone Substation Annual Agreed kVA Demand (Non-locational)	ZSN
	Zone Substation kVA (Back-up)	ZSNB
	Zone Substation Annual Agreed kVA Demand (Locational) (the NMI numbers are shown on these tariffs)	ZSNXXX
Sub Transmission (kVA)	Subtransmission Annual Agreed kVA Demand (Non-locational)	STN
	Subtransmission kVA (Back-up)	STNB
	Subtransmission Annual Agreed kVA Demand (Locational) (the NMI numbers are shown on these tariffs)	STNXXX

**Note:**

There are a few variants used in the billing process to allow for some legacy situations without adversely affecting the customer.

- For connections with very large usage where individual transmission charges apply 'XXX' is replaced with the last three digits of the specific NMI.
- Where SA Power Networks require a minimum of a type 5 meter for a demand based tariff, customers are free to choose another metering provider and have a type 1 to 4 meter.

### Actual Demand Tariff

This tariff has three demand periods Summer peak November to end March  
Shoulder demand on work days all year and the Off peak demand period at all other times.

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1:00							
2:00							
3:00							
4:00	Off Peak Demand Period						
5:00							
6:00							
7:00							
8:00							
9:00							
10:00							
11:00							
12:00	Shoulder Demand Period						
13:00							
14:00							
15:00							
16:00	Peak Demand Period (Nov - March)						
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							
0:00							

Except on Public Holidays where there is no Shoulder and Peak demand periods

Summer peak Demand Period 4pm to 9 pm on work days between November to end of March

Shoulder Demand Period 12 mid day to 4 pm on work days 12 months of the year

Off peak Demand Period is anytime outside of the Peak and Shoulder demand period for 12 months.

## Sports Ground Demand Tariff

Annual Demand Period 12 mid day to 7 pm on work days between  
December to end of February

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1:00							
2:00							
3:00							
4:00	Anytime Demand Period						
5:00							
6:00							
7:00							
8:00							
9:00							
10:00							
11:00							
12:00	Annual Demand Period						
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							
0:00							

Except on Public Holidays

Agreed Additional Demand	Is the amount that the agreed anytime demand exceeds the agreed annual demand. If the agreed anytime demand is less than the agreed annual demand then the agreed additional demand is zero.
Agreed Annual Demand	Is the highest demand expected to be required in the period 12:00 to 19:00 on working days in December through February (Central Standard Summer time). This may be determined by agreement or by recorded demand.

### Annual Demand Tariff

Annual Demand Period 12 mid day to 9 pm on work days between November to end of March

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1:00							
2:00							
3:00							
4:00	Anytime Demand Period						
5:00							
6:00							
7:00							
8:00							
9:00							
10:00							
11:00							
12:00	Annual Demand Period						
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							
0:00							

Except on Public Holidays

**Agreed** Is the amount that the Agreed Anytime Demand exceeds the Agreed Annual Demand.  
**Additional** If the Agreed Anytime Demand is less than Agreed Annual Demand then the Agreed Demand Additional Demand is zero.

**Agreed** Is the highest demand expected to be required in the period 12:00 to 21:00

**Annual** on working days in November through March . (Central Standard Summer Time).

**Demand** This may be determined by agreement or by recorded demand

### Residential Demand Tariff

Summer Demand Period applies in November - March

Winter Peak Demand period applies in April - October

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1:00							
2:00							
3:00							
4:00	Anytime Demand Period						
5:00							
6:00							
7:00							
8:00							
9:00							
10:00							
11:00							
12:00							
13:00							
14:00							
15:00							
16:00	Annual Demand Period						
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							
0:00							



### 4.3.6 Solar Generation Tariffs

SA Power Networks is obliged by the provisions of the Electricity (Feed-in Scheme – Solar Systems) Amendment Act to provide a credit in accordance with the Electricity Act requirements for each kWh for power fed back into the grid generated by a qualifying Small Embedded Generator, (conditions apply, refer to the SA Government Energy website for more details). The system shall only measure export when the PV system output exceeds the instantaneous load requirements of the customer's load at the installation (Net metering).

#### General Requirements

- Customer needs to qualify for small market status (less than 160MWh per annum).
- Customer using an 'approved' inverter supplied via a solar panel array.
- Have an approved import / export meter.
- No other generation connected to the export meter.

#### Note:

- This includes both residential and business customers.
- Business customers with 3-phase supply that request an alteration via their electricity retailer (eg to install embedded generation) on an energy only business tariff with a multi phase supply will be shifted to a demand tariff as this is the applicable tariff for a customer with this change in supply. This also applies where the generated export is not eligible for a Government Feed-in Tariff.

#### Government Feed-in Tariff as per Electricity Act

Tariff Name	Tariff Rebate Description
GENR2028	The original Scheme which closed to new applicants in August 2010. The Scheme requires payments to qualifying generators of 44 cents per kWh for all export until 30 June 2028.
GENR2028S	The Scheme announced by the Government in August 2010, for all subsequent qualifying applications and installations till September 2011. The Scheme requires payments to qualifying generators of 44 cents per kWh for all export until 30 June 2028, up to a daily export of 45kWh.
GENR2016	The Scheme introduced by the Government in June 2011 for all subsequent qualifying applications and installations from October 2011. The Scheme requires payments to qualifying generators of 16 cents per kWh for all export until 30 September 2016, up to a daily export of 45kWh.

### 4.3.7 Un-metered

The default supply is metered. Only where a load is too small (<5 amps) to register on a meter or where metering is deemed to be impractical by SA Power Networks, may a customer apply to have the load connected as un-metered. SA Power Networks is not under any obligation to accept an un-metered load until its suitability is established. In considering the suitability of a load for un-metered tariff SA Power Networks must be satisfied that the electrical usage can be accurately estimated and that the load will not vary.

#### General requirements

- Load to be located in a accessible public area (to permit inspection and validation);
- Load limiting circuit breaker with provision for SA Power Networks seal must be provided and the circuit breaker is to be set at the load level being requested eg 0.5 amps;
- Loads must be hard wired. Socket outlets are not permitted (unless specifically authorised by the responsible SA Power Networks manager for that specific application);
- The connected equipment must not be changed or altered without prior written notice to, and acceptance from SA Power Networks (other than repair or replace like for like ie same electrical ratings);
- The characteristics, timing or programming of the load must not be altered without prior written notice to and acceptance by SA Power Networks; and
- Equipment specifications, inventory tables and test results must be provided prior to a load being considered for connection.

There are many variants used in the billing process which primarily identify the type of un-metered load and the electrical rating. Irrespective of the billing tariff used the network (energy delivery) component is based on one of the two tariffs below. The billing tariff may include additional consideration for excluded services such as lamp replacement (CLER lighting).

#### Type 7 Loads

Unmetered loads are described as having 'Type 7' metering in the Rules and their consumption is estimated for the purposes of market settlements.

Approved Type 7 loads are contestable in the NEM ie choice of retailer. Type 7 load tables are published on AEMO's website. The current approved Type 7 loads include loads of the following types:

- **Street lighting** – Where SA Power Networks owns and maintains the light fittings. The lighting is installed by SA Power Networks on SA Power Networks poles for illumination of public roads. This category also includes lighting standards installed to SA Power Networks specifications in URDs;
- **CLER** (Customer Lantern Equipment Rate) – Lighting for public areas where the customer (Council) own the luminaire and SA Power Networks has the responsibility for changing globes only;
- **Energy only** – Where the Council / Customer own the fitting and are responsible for all maintenance;
- **Traffic signals**; and
- **Traffic signalling equipment** – of a type specified in the approved Type 7 load tables.

The approval of a Type 7 load is dependent on the assessment of the load characteristics as well as the processes used to maintain an inventory of the loads. Consequently, only loads of types in the published load tables and belonging to approved deemed parties. The TUoS and DUoS charges are levied in accordance with the published network tariffs however, street lighting and CLER both require an additional component for provision of excluded services (eg lamp replacement with CLER) – the pricing for these services is termed negotiated and is described in Section 9 of this manual.

#### **Other Non Contestable Un-Metered Loads**

Other un-metered loads are not Type 7. These other loads include:

- Night sight lighting;
- Phone booths;
- Telecommunication CMUX and NBN; and
- Bus shelters.

## 5. POWER FACTOR

### 5.1 Excess kVAr Charges

Customers must comply with the South Australian Distribution Code requirements in particular Part B Connection and Supply Contract Power Factor. If a customer installation is not compliant at times of their monthly peak demand then an annual charge is applied of \$45.00 per kVAr excluding GST that SA Power Networks calculates that would be required to make the site compliant.

NMI	Excess kVAr 2016/17 excl GST \$ pa	NMI	Excess kVAr 2016/17 excl GST \$ pa	NMI	Excess kVAr 2016/17 excl GST \$ pa
2001000015	\$2,185	2001510498	\$1,093	2001778902	\$1,710
2001000158	\$950	2001548972	\$1,615	2002108653	\$1,473
2001000238	\$1,283	2001614019	\$3,135	2002108661	\$1,805
2001000264	\$4,655	2001617840	\$1,568	2002110034	\$1,283
2001000266	\$1,093	2001637910	\$1,235	2002115113	\$1,948
2001000352	\$1,330	2001639648	\$1,615	2002122723	\$1,995
2001000367	\$950	2001668520	\$950	2002123438	\$950
2001000381	\$6,745	2001672752	\$2,898	2002125966	\$1,283
2001000409	\$5,368	2001674586	\$1,995	2002127179	\$2,945
2001000491	\$1,093	2001676222	\$2,613	2002130604	\$1,663
2001000624	\$1,188	2001678019	\$1,188	2002130953	\$1,330
2001000675	\$2,280	2001679263	\$2,280	2002131783	\$4,038
2001000712	\$950	2001680160	\$1,805	2002132493	\$2,328
2001000742	\$3,515	2001682184	\$5,748	2002133131	\$9,595
2001000786	\$3,895	2001684590	\$3,135	2002133171	\$1,140
2001004485	\$950	2001693979	\$1,615	2002135194	\$950
2001004598	\$1,615	2001700527	\$3,230	2002136097	\$1,283
2001004842	\$998	2001701749	\$1,140	2002137665	\$1,568
2001004844	\$1,378	2001705303	\$1,568	2002138235	\$2,423
2001004860	\$1,093	2001707190	\$1,663	2002138677	\$1,378
2001004955	\$1,140	2001707409	\$1,995	2002146432	\$1,663
2001005077	\$1,188	2001715435	\$1,805	2002147430	\$1,045
2001005110	\$1,378	2001715784	\$1,045	2002148144	\$998
2001005183	\$2,043	2001717667	\$1,615	2002150222	\$5,890
2001005395	\$1,425	2001718841	\$998	2002150864	\$1,900
2001005647	\$950	2001719748	\$1,710	2002154733	\$1,378
2001005686	\$1,093	2001728102	\$1,948	2002163029	\$1,140
2001005733	\$3,848	2001733244	\$3,895	2002164955	\$998
2001005775	\$2,850	2001734682	\$1,235	2002165011	\$1,045
2001005862	\$998	2001738609	\$1,473	2002171029	\$1,900
2001006182	\$950	2001738967	\$950	2002175466	\$2,043
2001007006	\$2,138	2001739001	\$1,330	2002175831	\$950
2001007828	\$1,378	2001753281	\$1,235	2002187203	\$1,378
2001007920	\$2,518	2001753386	\$1,283	2002187426	\$1,758
2001008075	\$950	2001753486	\$950	2002188613	\$1,568
2001195903	\$1,140	2001753604	\$2,470	2002188937	\$2,755
2001224322	\$1,045	2001753637	\$2,613	2002192912	\$1,140
2001417065	\$2,660	2001754603	\$1,805	2002196090	\$2,233
2001417609	\$1,948	2001759939	\$1,188	2002197791	\$1,425
2001455197	\$1,235	2001765086	\$1,995	2002198227	\$1,378

NMI	Excess kVAr 2015/16 excl GST \$ pa	NMI	Excess kVAr 2015/16 excl GST \$ pa	NMI	Excess kVAr 2015/16 excl GST \$ pa
2002203416	\$1,283	SAAAAA483	\$4,560	SAAAAAB708	\$2,755
2002204539	\$1,568	SAAAAA584	\$1,378	SAAAAAB883	\$1,140
2002204924	\$3,468	SAAAAA595	\$2,138	SAAAAAB900	\$1,663
2002205419	\$1,425	SAAAAA610	\$1,283	SAAAAAB904	\$1,758
2002205520	\$1,425	SAAAAA629	\$1,473	SAAAAAB914	\$998
2002212061	\$3,943	SAAAAA675	\$1,995	SAAAAAC230	\$1,093
2002213788	\$5,605	SAAAAA715	\$1,093	SAAAAAC233	\$1,235
2002215222	\$1,283	SAAAAA753	\$2,043	SAAAAAC254	\$1,045
2002215230	\$1,093	SAAAAA795	\$1,758	SAAAAAC264	\$950
2002219768	\$6,650	SAAAAA813	\$1,283	SAAAAAC271	\$1,758
2002226087	\$1,283	SAAAAA856	\$950	SAAAAAC350	\$1,283
2002226969	\$1,140	SAAAAA868	\$2,280	SAAAAAC352	\$1,425
2002230443	\$2,328	SAAAAA891	\$4,893	SAAAAAC410	\$1,140
2002232971	\$1,140	SAAAAA999	\$2,328	SAAAAAC434	\$1,805
2002235933	\$2,090	SAAAAAB005	\$1,093	SAAAAAC470	\$998
2002250662	\$1,710	SAAAAAB048	\$3,325	SAAAAAC471	\$3,135
2002279232	\$1,758	SAAAAAB082	\$2,090	SAAAAAC473	\$1,948
2002284452	\$1,948	SAAAAAB098	\$1,948	SAAAAAC476	\$1,235
2002288351	\$24,083	SAAAAAB121	\$4,180	SAAAAAC477	\$1,900
2002288608	\$950	SAAAAAB132	\$950	SAAAAAC489	\$3,183
2002289204	\$1,425	SAAAAAB165	\$1,900	SAAAAAC493	\$3,658
SAAAAAA018	\$14,583	SAAAAAB197	\$1,615	SAAAAAC500	\$1,948
SAAAAAA025	\$2,708	SAAAAAB198	\$1,188	SAAAAAC558	\$2,850
SAAAAAA043	\$6,793	SAAAAAB199	\$1,045	SAAAAAC575	\$1,093
SAAAAAA064	\$998	SAAAAAB230	\$1,045	SAAAAAC657	\$3,753
SAAAAAA082	\$2,280	SAAAAAB265	\$3,420	SAAAAAC667	\$1,378
SAAAAAA085	\$3,135	SAAAAAB268	\$1,045	SAAAAAC677	\$1,520
SAAAAAA100	\$7,790	SAAAAAB338	\$1,758	SAAAAAC827	\$1,995
SAAAAAA141	\$3,515	SAAAAAB348	\$1,330	SAAAAAC871	\$1,330
SAAAAAA142	\$6,745	SAAAAAB357	\$2,470	SAAAAAC882	\$1,758
SAAAAAA143	\$10,118	SAAAAAB367	\$1,188	SAAAAAC904	\$1,045
SAAAAAA145	\$1,425	SAAAAAB372	\$1,093	SAAAAAC948	\$1,188
SAAAAAA164	\$5,938	SAAAAAB420	\$3,515	SAAAAAD001	\$2,755
SAAAAAA165	\$2,613	SAAAAAB433	\$1,283	SAAAAAD076	\$998
SAAAAAA177	\$16,340	SAAAAAB446	\$3,658	SAAAAAD080	\$1,045
SAAAAAA186	\$19,665	SAAAAAB447	\$1,140	SAAAAAD099	\$950
SAAAAAA191	\$8,835	SAAAAAB451	\$1,045	SAAAAAD105	\$2,280
SAAAAAA196	\$12,160	SAAAAAB458	\$4,228	SAAAAAD183	\$3,278
SAAAAAA208	\$1,093	SAAAAAB485	\$2,565	SAAAAAD184	\$1,093
SAAAAAA211	\$1,853	SAAAAAB502	\$2,850	SAAAAAD263	\$3,800
SAAAAAA291	\$3,325	SAAAAAB540	\$5,463	SAAAAAD313	\$1,283
SAAAAAA311	\$1,140	SAAAAAB551	\$2,185	SAAAAAD324	\$2,565
SAAAAAA312	\$1,520	SAAAAAB552	\$3,515	SAAAAAD328	\$1,615
SAAAAAA314	\$1,568	SAAAAAB554	\$2,945	SAAAAAD639	\$1,805
SAAAAAA319	\$2,993	SAAAAAB555	\$3,753	SAAAAAD665	\$1,948
SAAAAAA329	\$1,710	SAAAAAB598	\$1,093	SAAAAAD671	\$5,130
SAAAAAA427	\$1,378	SAAAAAB642	\$1,188	SAAAAAD713	\$1,093
SAAAAAA439	\$21,233	SAAAAAB675	\$3,135	SAAAAAD738	\$1,568
SAAAAAA443	\$2,233	SAAAAAB676	\$950	SAAAAAD995	\$1,093
SAAAAAA481	\$1,188	SAAAAAB677	\$2,898	SAAAAAE043	\$2,043



NMI	Excess kVAr 2016/17 excl GST \$ pa
SAAAAAE072	\$950
SAAAAAE110	\$1,853
SAAAAAE300	\$7,790
SAAAAAE377	\$1,045
SAAAAAE381	\$1,615
SAAAAAE483	\$1,140
SAAAAAE494	\$1,330
SAAAAAE571	\$1,093
SAAAAAE626	\$998
SAAAAAE699	\$2,755
SAAAAAE725	\$6,318
SAAAAAE752	\$5,748
SAAAAAE760	\$1,330
SKLBWKLHS1	\$2,945

## 6. NEGOTIATED DISTRIBUTION SERVICES

### 6.1 Basic Connection Services

#### 6.1.1 Purpose

This section details the basic connection services provided to customers for which a default fee will be charged. These connection services are of such a nature that a default charge can be calculated and listed in the indicative price list below.

#### 6.1.2 Discussion

Basic connection services relate to a connection (or a proposed connection) between SA Power Networks distribution system and the customers premises.

The basic connection services offered by SA Power Networks are listed in the table on indicative prices below. The provision of these services involve minimal or no augmentation of the distribution network.

Under the National Electricity Rules (NER), there are two categories of connection contracts which are:

1. Connection contract – which is associated with establishing or altering the physical connection to the distribution system.

SA Power Networks has two connection contracts for basic connection services and each have a model standing offer (MSO):

- Basic connection service with no embedded generators; and/or
- Small embedded generators (SEG).

2. Customer connection contract – which is associated with the ongoing supply of energy to a retail customer's premises and is normally deemed to apply (ie customer does not need to sign or agree to the contract). These contracts commence on energisation or when a customer starts consuming energy.

The two model standing offers along with the table of Basic Connection Services indicative prices have been approved by the Australian Energy Regulator (AER) and are published on our website at [www.sapowernetworks.com.au](http://www.sapowernetworks.com.au).

The customer connection contract is a Deemed Standard Connection Contract (DSCC) that applies to all small customers (ie electricity consumption less than 160MWh pa).

A request for a basic connection service can be expedited by not requesting a formal offer and when signing our application form you can accept both the Terms and Conditions of the MSO and the default charge when the application is made.

The charge recovers the average cost of performing such work including labour, materials, vehicles, other services, overheads and a return on investment.

SA Power Networks charge will be based on the cost of the works to provide the service. The work (if over \$5,000 GST exclusive), will not be undertaken until the necessary fee is paid by the customer. If the charges are less than \$5,000 (GST exclusive) payment will be charged at the completion of work.

SA Power Networks default service is a low voltage single phase up to 63Amps. This service is provided by the installation of an over to under service on an existing low voltage stobie pole or from an existing service pit/pillar that is located up to 25 metres from the property boundary on the same side of the street.

Service charges will generally include a combination of the charges in the tables below. For example, a new multi phase over to under service on an existing pole with import export metering to suit would require 2 charges combined, being fee codes BCS 100 and BCS 131.

**Basic Connection Services Indicative Price List****New Supply – (Service provision charges, excluding metering charges)**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
1 phase or multi phase 63Amp	Over to under service On Existing Pole (see diagram 1 or 1A)	Provision of an over to under service on an existing pole that is located up to 25 metres from the customer's property boundary  Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only. Does not apply to Residential developments. No Pioneer Scheme will apply.	\$559.00	\$614.90	BCS 100	N/A
1 phase or multi phase 63Amp	Over to under service New pole required (see diagram 1A)	Provision an over to under service on a new low voltage pole which includes one span of LV ABC mains up to 25 metres from the existing supply mains.  Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only. Does not apply to Residential developments. No Pioneer Scheme will apply.	\$2949.00	\$3243.90	BCS136	N/A
1 phase or multi phase 63Amp	Overhead service on existing pole (see diagram 3 or 3A)	Provision of an overhead service from an existing low voltage pole in lieu of an over to under service.  Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only. Does not apply to Residential developments. No Pioneer Scheme will apply.	\$773.00	\$850.30	BCS137	N/A

**New Supply – (Service provision charges, excluding metering charges) (cont.)**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
1 phase or multi phase 63Amp	Overhead service on a new pole (see diagram 3A)	Provision of an overhead service from a new low voltage pole in lieu of an over to under service Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only. Does not apply to Residential developments. No Pioneer Scheme will apply.	\$3,163.00	\$3,479.30	BCS 102	N/A
1 phase or multi phase 63Amp	Existing pit/pillar (see diagram 2)	Provision of a service from an existing low voltage service pit/pillar that is located up to 25 metres from the property boundary Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only. Does not apply to Residential developments. No Pioneer Scheme will apply.	\$305.00	\$335.50	BCS 101	N/A
1 phase or multi phase 63Amp	New pit/pillar (see diagram 2)	Provision of a service from a new low voltage service pit/pillar that is located up to 25 metres from the existing supply mains Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only. Does not apply to Residential developments. No Pioneer Scheme will apply.	\$4,577.00	\$5,034.70	BCS 144	N/A
1 phase or multi phase 63Amp ( For Residential Developments)	Over to under service (see diagram 1 or 1A)	Applies ONLY to residential developments from existing fully funded infrastructure. No Pioneer Scheme to apply	No Charge	No Charge	BCS 138	N/A
1 phase or multi phase 63Amp ( For Residential Developments)	Overhead service (see diagram 3 or 3A)	Applies ONLY to residential developments from existing fully funded infrastructure. No Pioneer Scheme to apply	No Charge	No Charge	BCS 139	N/A



**New Supply – (Service provision charges, excluding metering charges) (cont.)**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
1 phase or multi phase 63Amp ( For Residential Developments)	Underground connection from pit/pillar (see diagram 2)	Applies ONLY to residential developments from existing fully funded infrastructure. No Pioneer Scheme to apply.	No Charge	No Charge	BCS 140	N/A
Temporary Supply 1 phase or multi phase 63Amp	Over to under service (see diagram 1 or 1A)	Provision of a temporary over to under service on an existing stobie pole that is located up to 25 metres from the customers property boundary on the mains side of the street. Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only. No Pioneer Scheme will apply.	\$559.00	\$614.90	BCS 103	N/A
Temporary Supply 1 phase or multi phase 63Amp	Over to under service on new pole (see diagram 1A)	Provision a temporary over to under service on a new low voltage pole which includes one span of LV ABC mains up to 25 metres from the existing supply mains. Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only. No Pioneer Scheme will apply.	\$2,949.00	\$3,243.90	BCS 104	N/A
Temporary Supply 1 phase or multi phase 63Amp	Overhead service on existing pole (see diagram 3 or 3A)	Provision of a temporary single or multi phase overhead service from an existing low voltage pole to a structure provided by the customer ie customer installs a temporary pole and meter box, in lieu of an over to under service and where multi phases is available. Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only.  No Pioneer Scheme to apply.	\$773.00	\$850.30	BCS 141	N/A

**New Supply – (Service provision charges, excluding metering charges) (cont.)**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Temporary Supply 1 phase or multi phase 63Amp	Overhead service on a new pole (see diagram 3A)	Provision of a temporary single or multi phase overhead service from a new low voltage pole to a structure provided by the customer i.e. customer installs a temporary pole and meter box, in lieu of an over to under service and where multi phases is available.  Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only.  No Pioneer Scheme to apply	\$2,949.00	\$3,243.90	BCS 142	N/A
Temporary Supply 1 phase or multi phase 63Amp	Existing pit/pillar (see diagram 2)	Provision of a temporary service from an existing low voltage service pit/pillar that is located up to 25 metres from the property boundary.  Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only.  No Pioneer Scheme will apply	\$305.00	\$335.50	BCS 145	N/A
Temporary Supply 1 phase or multi phase 63Amp	New pit/pillar (see diagram 2)	Provision of a temporary service from a new low voltage service pit/pillar that is located up to 25 metres from the existing supply mains.  Applies to installations where no refund to parent group (or pioneer scheme) is owing. Standard charge is for a typical transformer area only.  No Pioneer Scheme will apply	\$4,577.00	\$5,034.70	BCS 143	N/A

**Service Alterations (Service provision charges, excluding meter charges)**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Replace existing 63Amp 1phase service or multi phase 63Amp service	Over to under service (see diagram 1) or Existing pit/pillar (see diagram 2)	Replacement of an existing overhead service to an over to under or underground service; or any alteration/upgrade or relocation of an over to under service.	\$264.00	\$290.40	BCS 106	N/A
Upgrade /Relocate/Alter or replace existing 1 phase 63Amp or multi phase 63Amp overhead service	Overhead service (see diagram 3)	Customer request for an Upgrade / Relocation / Alteration or replacement of an existing overhead service.	\$321.00	\$353.10	BCS 107	N/A
Upgrade to a multi phase 63Amp service	Over to under service (see diagram 1) or Overhead Service (see diagram 3)	Provision of an over to under service on an existing low voltage stobie pole or an overhead service from an existing low voltage stobie pole and the requested number of phases are available	\$510.00	\$561.00	BCS 109	N/A
Upgrade to a multi phase 63Amp service	Existing service pit/pillar (see diagram 2)	Connection provided from an existing suitable low voltage service pit / pillar and the requested number of phases are available at the service point	\$111.00	\$121.10	BCS 110	N/A
Additional 63Amp service for a duplex split i.e. Existing metered strata title split into two Torrens titles (no additional load)	Over to under service (see diagram 1) or Existing pit/pillar (see diagram 2)	Provision of an over to under service on an existing low voltage stobie pole or from an existing service pit/pillar that is located up to 25 metres from the customers property boundary on the same side of the street and the requested number of phases are available	\$409.00	\$449.90	BCS 111	N/A

**Unmetered Supply**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
1 phase unmetered supply only for approved applications e.g. public telephones, traffic signals, council lighting, parking machines, bus shelters and NBN Cubicles etc.	Over to under service on existing pole (see diagram 1) or Existing pit/pillar (see diagram 2)	Provision of an over to under service on an existing low stobie pole or from an existing service pit/pillar Applies to pre and post July 2015 installations where no refund to parent group is owing. Standard charge is for a typical transformer area only. Customer must wire to existing pole/pit.	\$504.00	\$554.40	BCS 112	N/A

**Metering provision charges (excluding service charges)****New Installation**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Whole current type 6 meter (manually read basic accumulation meter)	1 phase	Installation of a single phase meter (single element)	\$111.65	\$122.82	BCS 135	N/A
Whole current type 6 meter (manually read basic accumulation meter)	1 phase 2 element	Installation of a single phase meter (includes off peak controlled load and/or import/export)	\$281.15	\$309.27	BCS 113	N/A
Whole current type 6 meter (manually read basic accumulation meter)	multi phase	Installation of a multi phase meter (includes import/export)	\$331.81	\$364.99	BCS 131	N/A
Whole current type 6 meter (manually read basic accumulation meter)	multi phase	Installation of a multi phase meter (includes off peak controlled load and import/export)	\$612.96	\$674.26	BCS 132	N/A

## Metering provision charges (excluding service charges)

### New Installation (cont.)

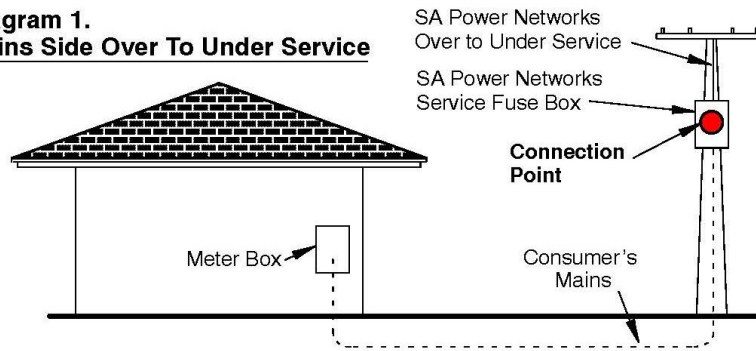
Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Type 5 metering (manually read interval meter)  Whole current up to 100amps  Type 5 metering charges are billed directly to the Customer's Retailer	1 phase 1 element	Installation of a single phase single element manually read interval meter	\$195.74	\$215.31	BCS 116	N/A
	1 phase 2 element	Installation of a single phase dual element manually read interval meter e.g. off peak controlled load	\$281.17	\$309.29	BCS 118	N/A
	multi phase	Installation of a multi phase single element manually read interval meter	\$482.42	\$530.66	BCS 120	N/A



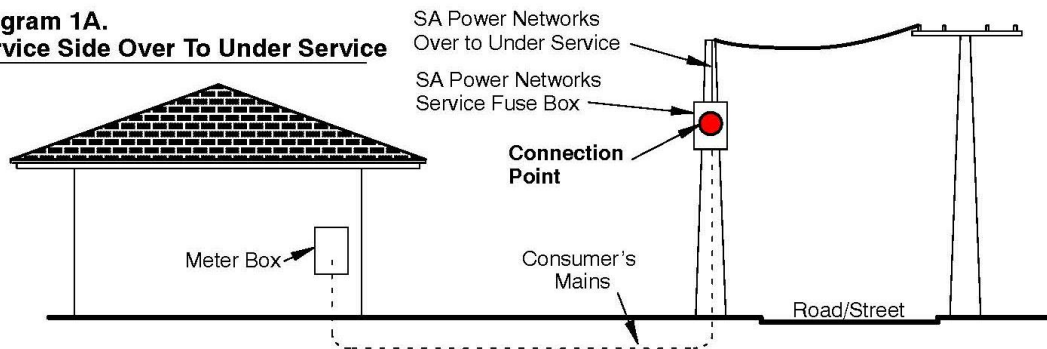
**Metering provision charges (excluding service charges)****Existing Installation**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Relocate existing metering	Over to under service (see diagram 1) or Existing pit/pillar (see diagram 2) or Overhead service (see diagram 3)	Reinstall metering from an existing location to a new metering enclosure with no change to the existing service as a result of building alterations i.e. customer convenience	\$101.00	\$111.10	BCS 108	N/A
Type 5 metering (manually read interval meter)	1 phase 1 element	Installation of a single phase single element manually read interval meter	\$195.74	\$215.31	BCS 124	N/A
Whole current up to 100amps	1 phase 2 element	Installation of a single phase dual element manually read interval meter e.g. off peak controlled load	\$281.17	\$309.29	BCS 126	N/A
	multi phase	Installation of a multi phase single element manually read interval meter	\$482.42	\$530.66	BCS 128	N/A
Import / Export & Type 5 metering (manually read interval meter)	Reprogram meter	Existing meters that are able to be reprogrammed for import/export	\$87.00	\$95.70	BCS 130	N/A
Whole current type 6 meter (manually read basic accumulation meter)	1 phase	Installation of a single phase meter (includes import/export and/or off peak controlled load)	\$281.17	\$309.29	BCS 122	N/A
Whole current type 6 meter (manually read basic accumulation meter)	multi phase	Installation of a multi phase meter (includes import/export)	\$331.81	\$364.99	BCS 133	N/A
Whole current type 6 meter (manually read basic accumulation meter)	multi phase	Installation of a multi phase meter (includes off peak controlled load and import/export)	\$612.96	\$674.26	BCS 134	N/A

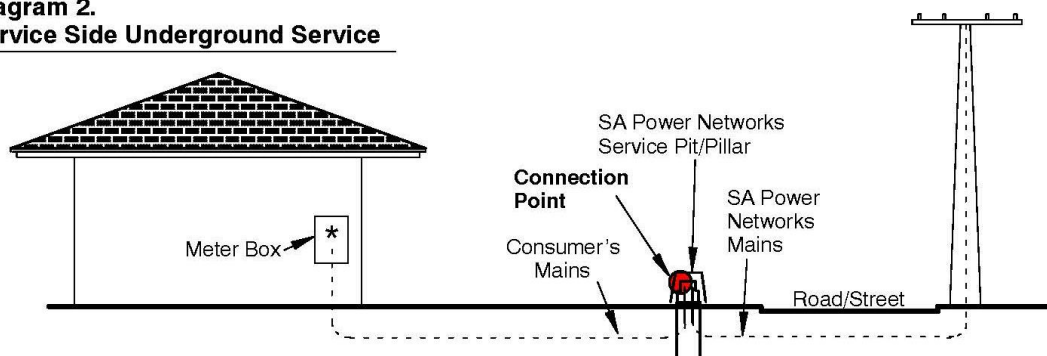
**Diagram 1.  
Mains Side Over To Under Service**



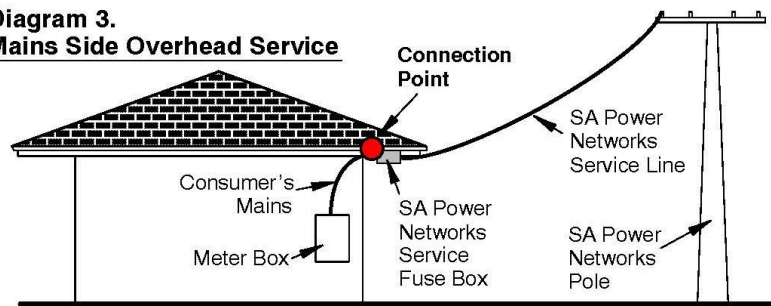
**Diagram 1A.  
Service Side Over To Under Service**



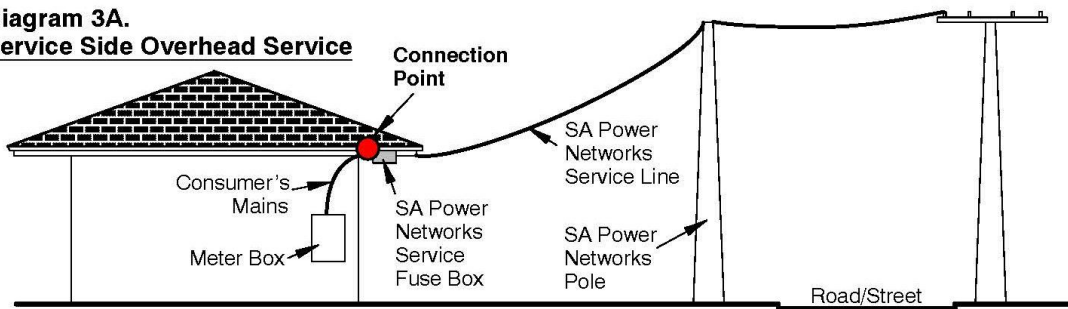
**Diagram 2.  
Service Side Underground Service**



**Diagram 3.  
Mains Side Overhead Service**



**Diagram 3A.  
Service Side Overhead Service**



## 6.2 Negotiated Connection Services

### 6.2.1 Purpose

This section details the negotiated connection services provided to customers. A fee will normally be charged for the provision of an offer. This fee is deducted from the connection service charge and is non-refundable if you don't proceed with the connection.

### 6.2.2 Discussion

Negotiated connection services are all services that relate to a connection (or a proposed connection) between SA Power Networks distribution system and the customers premises but are not basic connection services as outlined in 9.1 above.

In relation to a negotiated connection service for a customers supply, SA Power Networks offer will be based on our most technically feasible and minimum cost option for our works to make the connection. Any requested work in excess of the most technically feasible option will be at the customer's expense.

The negotiated connection contract is SA Power Networks formal written offer and the associated terms and conditions. Note: this contract is separate to the ongoing customer connection contract which commences upon energisation.

From 1 July 2016, the payment schedule will be as follows:

- If customer contribution is \$5,000 (GST Exclusive) or less, then full payment will be required on acceptance of the offer.
- If customer contribution is greater than \$5,000 (GST Exclusive), then:
  - Full payment of the connection charge is required if construction will commence within three months of acceptance; or
  - Initial payment of 20% of the total costs on acceptance of offer plus pre-payment or any specialised or non-standard assets that need to be ordered, followed by the remainder one month prior to construction. Where construction is to be completed in stages, then the costs of each stage must be paid one month prior to construction of that stage.

Any variation to this must be approved by SA Power Networks.

**Negotiated Connection Services Indicative Price List****Negotiated Connection Services**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Installation of a service pit / pillar	Provision of a service to a new low voltage service pit/pillar that is located > 25 metres from the existing supply mains.		Full cost less Rebate (if applicable)	Full cost less Rebate (if applicable)	NCS 200	N/A
Installation of a service pole	Work to provide a supply by installing a low voltage stobie pole, >25m mains and service		Full cost less Rebate (if applicable)	Full cost less Rebate (if applicable)	NCS 201	N/A
1 Phase or multi phase 63Amp	Provision of one span of LV ABC Mains (>25m) and installation of an over to under service on a pole.	1 phase	Full cost less Rebate (if applicable)	Full cost less Rebate (if applicable)	NCS 202	N/A
		Multi phase 63Amp	Full cost less Rebate (if applicable)	Full cost less Rebate (if applicable)	NCS 203	N/A
Flying service  Not Modern Construction – requires Customer Solutions Manager approval.	Provision of a flying service where technically feasible in lieu of an over to under service on an existing stobie pole that is located up to 25 metres from the property boundary and the requested number of phases are available	1 phase or multi phase 63Amp	\$773.00	\$850.30	NCS 204	N/A
Overhead service	Change from an existing over to under or underground service to an overhead service and the requested number of phases are available	1 phase 63Amp	Full cost	Full cost	NCS 205	N/A
		Multi phase 63Amp	Full cost	Full cost	NCS 206	N/A

## **6.3 Negotiated Distribution Services (Non Connection)**

### **6.3.1 Purpose**

This section details the negotiated distribution services provided to customers. A fee will normally be charged for these services and is non-deductable/non-refundable.

### **6.3.2 Discussion**

Negotiated distribution services are all services that are not related to a connection (or proposed connection) between SA Power Networks distribution system and the customer's premises.

The application of all connection and/or disconnection default fees are NMI based, and are applied to each and every NMI impacted by the work undertaken by SA Power Networks, irrespective of the number of service connection points to a property. Alterations and changes to specific metering types can only be provided where permitted under the National Electricity Rules and by the relevant market participants.



**Negotiated Distribution Services (Non Connection) Indicative Price List****Mains & Services**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Additional service 1 phase or multi phase	Provision of an additional service - SA Power Networks agreement required Augmentation may apply	Provision of an over to under, underground or overhead service	Full cost	Full cost	NDS 300	N/A
Permanent Removal of LV Supply (Abolishment)	Request from customer for the permanent abolishment of the LV supply and associated metering for a NMI. (May include removal of O/H service or disconnection of O/U or U/G service but not the removal of additional distribution assets i.e. poles and transformers)		\$122.00	\$134.20	NDS 301	N/A
Temporary Disconnect and Reconnect for safety of customer or their contractor; or disconnect and reconnect new consumers mains to an existing compliant service point.	Requests for a temporary D/N & R/N of LV OH service, (<100A), requiring a line truck attendance		\$264.00	\$290.40	NDS 302	N/A
	Requests for a temporary D/N & R/N of LV service, (<100A), requiring a single person crew attendance		\$120.00	\$132.00	NDS 330	N/A
	Temporary isolation of customers LV supply, >100A capacity.		Full cost	Full cost	NDS 303	N/A

**Metering Charges**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Charge for Meter Removal	Includes both single and multi phase meters e.g. removal of redundant Controlled Load tariff meter (Not permanent removal of supply or NMI)	First meter	\$87.00	\$95.70	NDS 304	RMFE
		Each additional meter	No charge	No charge	NDS 305	RMFA
Upgrade of meters	Request by a customer to change meters to Electronic meter e.g. to make room in a meter box for an RCD or extra. Equipment thereby avoiding the need to increase the size of the meter box or replace the board.	One single phase electronic meter	\$382.16	\$420.37	NDS 306	N/A
		Cost per additional single phase electronic meter	\$281.15	\$309.27	NDS 307	N/A

**Metering Charges (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Meter Reconfiguration	On-site reconfiguration of meters in response to customer requests for changes to tariffs, two-rate meter settings or time clocks.	First meter	\$87.00	\$95.70	NDS 308	MRFE
		Each additional meter	No charge	No charge	NDS 309	MRFA
Type 1-4 Type Meter Charges (Meter provision only excludes meter read fees).	Installation where reliable mobile telecommunications service is available		No charge	No charge	NDS 312	N/A
	Installation where reliable mobile telecommunications service is not available		Full cost	Full cost	NDS 313	N/A
	Annual Fee (Type 4 meter).	Charge per meter per annum	\$654.00	\$719.40	NDS 314	N/A
	Exit Fee where meter is removed within the first 12 months of installation.		\$1,090.00	\$1,199.00	NDS 315	N/A
	Annual Fee (Type 3 meter).		Full cost	Full cost	NDS 316	N/A
	Annual Fee (Type 2 meter).				NDS 317	N/A
	Annual Fee (Type 1 meter).				NDS 318	N/A
Type 5 Meter - communications device	Installation of communications device for Type 5 CT connected and whole current meters (Where operational difficulties reasonably require the metering installation to be capable of remote acquisition)	New premise installation charge	\$64.00	\$70.40	NDS 324	N/A
		Existing premise installation charge	\$189.00	\$207.90	NDS 325	N/A
		Annual asset fee - this is in addition to the Type 5 Meter annual fee	\$371.00	\$408.10	NDS 326	N/A
		Exit fee for the communications device	\$189.00	\$207.90	NDS 327	N/A
Type 6 Meter Charges	Applies to large customers (>160MWh pa) having a Type 6 meter	Charge per meter per annum	\$242.00	\$266.20	NDS 328	N/A

**Third Party Connection Works Charges**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Specification Fees	This covers the costs of work undertaken in preparing and issuing the specification including 1 site visit for customer extension works. Note: project value is based on contestable value of project.	\$0 - \$100k project	\$1,810.00	\$1,991.00	NDS 340	N/A
		\$101k - \$200k project	\$3,000.00	\$3,300.00	NDS 341	N/A
		> \$200k project	Full cost	Full cost	NDS 342	N/A
Specification re-compliance	Resubmission of a design which previously did not satisfy the SA Power Networks spec.		Full cost	Full cost	NDS 343	N/A
Works/Design compliance	Works/design compliance of an asset to be vested by a customer/developer to SA Power Networks. This includes administration, design compliance against specification and vesting.  Applies to contestable works such as RDs (real estate developments) and contestable connections where SA Power Networks is not the constructor of the extension works.		Full cost	Full cost	NDS 344	N/A
Works re-inspection for compliance	Re-inspection of an asset issued with a non-compliance notice, (including travelling time).	Minimum (up to 3 hours) normal time	\$310.00	\$341.00	NDS 345	N/A
		Hourly rate after 3 hrs normal time	\$101.00	\$111.10	NDS 346	N/A
		Hourly rate out of hours or part thereof	\$122.00	\$134.20	NDS 347	N/A
Network Infrastructure Connection Re-Appointment	When SA Power Networks is required to re-attend a Network Infrastructure Connection Appointment because the network connection could not be completed on the initial appointment as the infrastructure was incomplete, unsafe or inaccessible.		Full cost	Full cost	NDS 348	N/A

**Third Party Connection Works Charges (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Indicative Offer	This covers the costs of work undertaken in preparing and issuing an indicative estimate letter for customer projects. The indicative fee is non-refundable and non-deductible should the applicant proceed to a firm offer.	Project Value \$0-100k	No charge	No charge	NDS 349	N/A
		Project Value \$101k-\$200k	\$530.00	\$583.00	NDS 425	
		Project Value >\$200k or Multiple Offers – Full Cost	\$90.91/Hr	\$100.00/Hr	NDS 350	N/A
Firm Offer	This covers the costs of work undertaken in preparing and issuing an offer letter for customer projects. Firm offer is non-refundable but deductible from the final project amount should the connection proceed within the validity period of the first quote. For all subsequent quotes for the same project the initial fee will be non-deductible, each additional quote will be charged using the initial firm offer principles (i.e. non-refundable but deductible).	<\$30k project	No Charge	No charge	NDS 426	N/A
		Project Value \$31k-\$100k	\$910.00	\$1001.00	NDS 351	N/A
		Project Value \$101k-\$200k	\$1,790.00	\$1,969.00	NDS 352	N/A
		> \$200k project	Full cost	Full cost	NDS 353	N/A
Firm Offer for Embedded Generation	This covers the costs of work undertaken for the network analysis, preparing and issuing an offer letter, contract and associated commissioning for the customer's embedded generation system.	>30kW – 200kW embedded generator	\$2500.00	\$2750.00	NDS 427	

**Miscellaneous Fees**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Monthly Meter Reading Fee (extra cost of monthly meter reading)	Daily Charge		\$0.132057/day	\$0.145263/day	NDS 354	N/A
Install pulsed output from existing SA Power Networks metering capable of this functionality  (Existing metering may need to be changed for this functionality which will incur the relevant additional metering costs listed for Type 1-4 and Type 5 meters)	Customer requests a pulsed output from the meter for energy management or to display consumption in some form.	Annual charge	\$111.00	\$122.10	NDS 355	N/A
Charge for Meter Test	This charge applies when a customer requests a meter test due to high account or a suspected incorrect functioning PV installation and the SA Power Networks meter is not faulty.	Single phase	\$129.00	\$141.90	NDS 356	SPFE
		Each additional single phase meter	No charge	No charge	NDS 357	SPFA
		3 Phase Meter	\$129.00	\$141.90	NDS 358	MPFE
		Each additional multi phase meter	No charge	No charge	NDS 359	MPFA
Charge for Meter Test (where an appointment has been requested by the customer's retailer)	Charge only applicable when a customer requests a meter test due to high account or a suspected incorrect functioning PV installation and the SA Power Networks' meter is found not to be faulty.	Single phase	\$303.00	\$333.30	N/A	APTMT
		Each additional single phase meter	No charge	No charge	N/A	APTMT
		3 Phase Meter	\$303.00	\$333.30	N/A	APTMT
		Each additional multi phase meter	No charge	No charge	N/A	APTMT
Charge for PV Installation Enquiry	Charge applicable when customer requests SA Power Networks to attend a PV installation which is not functioning correctly and it is determined by the SA Power Networks personnel the problem is a result of the customer's PV installation being incorrectly set/malfunctioning.	Single phase Installation	\$129.00	\$141.90	NDS 360	N/A
		3 phase Installation	\$129.00	\$141.90	NDS 362	N/A

**Miscellaneous Fees (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Meter Inspection Fee	This charge applies when a physical inspection is requested due to suspected meter tampering, equipment damage or requested by customer or their retailer	First meter	\$34.00	\$37.40	NDS 364	MIFE
		Each additional meter	No charge	No charge	NDS 365	N/A
Meter Inspection Fee (where an appointment has been requested by the customer's retailer)	This charge applies when a physical inspection is requested due to suspected meter tampering, equipment damage or requested by customer or their retailer	First meter	\$171.00	\$188.10	N/A	APTIN
		Each additional meter	No charge	No charge	N/A	APTIN
Excess kVAr Incentive Charge	<p>The Excess kVAr Incentive Charge rate is applied to each excess kVAr required over and above the implied kVAr allowance provided in the South Australian Electricity Distribution Code to meet a customer's Agreed Maximum Demand based on their recorded power factor at the time of their Actual Maximum Demand. The charge is applied to customers currently assigned to a network demand tariff who are not code compliant with respect to power factor at the time of their Actual Maximum Demand requiring greater than 10kVAr of correction.</p> <p>The charge is reviewed annually after the completion of the maximum demand period and is invoiced monthly (i.e. the annual charge divided by 12) effective 1 July following the maximum demand period.</p> <p>Customers will cease being levied the charge once the site has become compliant by installation of power factor correction equipment or other measures deemed acceptable to SA Power Networks and have also notified SA Power Networks of the compliance.</p>	Rate applied per amount of excess kVAr	\$47.50/kVAr	\$52.25/kVAr	NDS 366	N/A



**Miscellaneous Fees (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Back up feeder charge	This charge is applied when a customer has two connection points supplying their site and full supply can be taken from either supply point	These charges are negotiated with the Major Customer Manager	Full cost	Full cost	NDS 367	N/A
Pole Relocation	Relocation of an existing electricity pole for a customer convenience		Full cost	Full cost	NDS 368	N/A
Service pit / pillar Relocation	Relocation of an existing electricity pit / pillar customer convenience		Full cost	Full cost	NDS 369	N/A
Service pit / pillar Raising/Lowering	Raise or lower a pit / pillar including a driveway pit. (Where pit was at satisfactory level when installed and vested to SA Power Networks). Price can vary dependent on crew travelling time.		Full cost	Full cost	NDS 370	N/A
Temporary covering (not full insulation) of LV Mains (excluding road crossings which will be estimated as required based on number of units and time).	Work to erect and remove 'Tiger Tails' from LV Mains. (NOTE: Price is for a 3 month period only and an additional charge(s) of the same amount will be applied for each subsequent 3 month period beyond the initial installation date until the tails are removed).	Normal Time	\$9.09 per unit (min fee \$123.18)	\$9.90 per unit (min fee \$135.50)	NDS 371	N/A
		Overtime	\$9.00 per unit plus \$615.73	\$9.90 per unit plus \$677.30	NDS 372	N/A
Location of underground mains at the request of a customer	Provision of plans from the office		No charge	No charge	NDS 373	N/A
	Site visit	Under 1 hour in Normal time	No charge	No charge	NDS 374	N/A
		Over 1 hour in Normal Time	\$102.00 Per hour or part thereof	\$112.20 Per hour or part thereof	NDS 375	N/A
		Out of Normal Time	\$148.00 Per hour or part thereof	\$162.80 Per hour or part thereof	NDS 376	N/A

**Miscellaneous Fees (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Asset Information Requests	Provision of asset information relating to condition, rating or available capacity to engineering consultants and electrical contractors and the supply of GIS information to customers or authorities	Less than 1hrs work - per request	\$82.00	\$90.20	NDS 377	N/A
		Over 1 hours work	Full cost	Full cost	NDS 378	N/A
	Confirmation of available equipment in ground level transformers where the door needs to be opened by a Customer Service Officer		\$133.00	\$146.30	NDS 379	N/A
Network Access Request	Organisation of switching requirements and field work to allow 3rd party access to de-energised assets.		Full cost plus \$268.18 for admin & billing	Full cost plus \$295.00 for admin & billing	NDS 380	N/A
Network Access Management Fee	Management of access request	Where under 1/2 day of planning required	\$265.00	\$291.50	NDS 381	N/A
Repeated Call Outs for Repairs to SA Power Networks equipment caused by the customer (not first call out)	Following notification of requirement to upgrade service size. Typically \$452 + GST for LV and \$803 + GST for HV fuses.	LV fuse	Full cost	Full cost	NDS 382	N/A
		HV fuse	Full cost	Full cost	NDS 383	N/A
Wasted Visit - Unscheduled (fault)	Wasted visit where not able to perform service due to customer or agent's fault.		\$161.00	\$177.10	NDS 384	N/A
'No-fault' attendance	Attendance at the customer's premises at the customer's or their agent's request, where it is determined that the fault was not related to SA Power Networks' equipment or infrastructure		\$161.00	\$177.10	NDS 420	N/A
Special Meter Reader Visit	A Special Meter Reading Visit occurs when a customer requests a check read or special read at a Service Provision.		\$12.40	\$13.64	NDS 386	SRFE
	A Special Meter Reading Visit occurs when a customer requests a check read or special read at a Service Provision after business hours.		\$75.00	\$82.50	NDS 387	N/A
	A Special Meter Reading visit which is subsequently cancelled.		\$12.40	\$13.64	NDS 388	N/A

**Miscellaneous Fees (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Subsequent Attempt to Read Meter	This relates to subsequent attempts to read a meter after a reasonable attempt has been made but has been unsuccessful due to access difficulties.		\$12.40	\$13.64	NDS 389	SUB
High Load Escorts	Assistance to a third party to transport a large vehicular load. Includes provision of labour and equipment to temporarily raise or remove mains to allow load to pass freely.	Hourly rate for administration & checking of route if over 1 hour	\$130.00	\$143.00	NDS 390	N/A
		Minimum Charge	No charge	No charge	NDS 391	N/A
Connection of Security Cameras NOTE: SA Power Networks pole rental extra, also energy tariff to retailer for unmetered supply	Security camera fitted to Stobie pole. Single connection (Multiple connections at the one location will incur additional costs)		\$223.00	\$245.30	NDS 392	N/A
	Security camera fitted to light column		\$504.00	\$554.40	NDS 393	N/A
Larceny of Supply - remedial work	Remedial costs where larceny or tampering of SA Power Networks equipment is established (does not include investigation)		Full cost	Full cost	NDS 394	N/A
Responsible Person as defined in NEM	Customers via their retailers may designate SA Power Networks in MSATS to be responsible for this role. If SA Power Networks choose to accept this role in MSATS then it would be implied that the customer / retailer will accept the annual charge	Annual fee charged monthly (Non Generator sites)	\$2,217.00	\$2,438.70	NDS 395	N/A
		Generator Sites	As Negotiated	As negotiated	NDS 424	N/A
Wasted Visit – Scheduled Customer Connection Appointment	Where SA Power Networks was unable to complete the scheduled connection or metering works due to the customers installation not being ready or compliant		\$161.00	\$177.10	NDS 396	N/A

**Miscellaneous Fees (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Late Cancellation of Connection Appointment	Where a connection appointment is cancelled within less than 2 full business days notice prior to the connection date by the customer or their agent.		\$80.00	\$88.00	NDS 397	N/A
Site inspection	A site inspection in order to determine the nature of the requested connection service	Allows 2 hours with travelling	\$223.00	\$245.30	NDS 398	N/A
Negotiation Fee	This fee covers the SA Power Networks Management costs when a customer elects to negotiate the Terms and Conditions of the On Going Connection Contract. The fee includes the cost of resources in the negotiation process. This is in addition to the offer letter fee	Minimum fee for up to 4 hours	\$401.82 plus \$100.36 per hour thereafter	\$442.00 plus \$110.40 per hour thereafter	NDS 399	N/A
Late payment fee	A late payment fee is charged for non payment of an invoice by the due date The late fee is for processing and sending a new invoice Further costs will be incurred if further debt recovery is required		\$69.00	\$75.90	NDS 400	N/A
Priority Appointment or Pre-arranged out of hours appointment for new connection or alteration of supply (fixed or anytime)	Provision of a priority connection at the customer's request. Work will be undertaken out of hours or during normal business hours in which case another job will be done after hours to accommodate the requested connection date. Note. When calculating the charge apply the appropriate dollar figure per person having to attend site. Example given below is for a Fixed Appointment time e.g. 2 Linesman being 2X\$432.30 = \$864.60 e.g. 1 Electrical Mechanic 1X\$432.30 = \$432.30 e.g. Combination 1 Mechanic & 2 Linesman 3X\$432.30 = \$1,296.90	Fixed appointment up to 3hrs (inc requests for specific time and weekends). Additional hours charged at the "no fixed appt." rate below	\$393.00 per person	\$432.30 per person	NDS 401	N/A
		No fixed appointment – arranged next available time i.e. straight after last job	\$112.00 per person per hour	\$123.20 per person per hour	NDS 402	N/A

**Miscellaneous Fees (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Fee for Reconnection and Disconnection (Retailer Fee)	Includes fee for disconnection and reconnection of supply	D/N at meter	\$35.00	\$38.50	NDS 403	DNFE
		R/C at meter	\$35.00	\$38.50	NDS 404	RCFE
		R/C at meter A/Hours	\$75.00	\$82.50	NDS 405	RCAH
	The fee for reconnection or disconnection at the meter assumes replacement or removal of the fuse at an existing supply point.	D/N at Pole	Full cost	Full cost	NDS 406	PDNFE
		R/C at Pole	Full cost	Full cost	NDS 407	PRCFE
		R/C at Pole A/Hours	Full cost	Full cost	NDS 408	PDNAH
Charge for swing and sag calculation	This will cover the cost of Project Management and the survey work undertaken in preparing and issuing a swing and sag calculation letter for the customer. This fee is non-refundable and non-deductible.	Up to and including 11kV	\$1200.00	\$1320.00	NDS 419	N/A
		Voltages >11kV	\$1600.00	\$1760.00	NDS 428	
Third party funded network upgrades	Third party funded network upgrades, enhancement or other improvements including 'make ready' work for NBN Co.	No Facilities Access Agreement	Full cost	Full cost	NDS 421	N/A
		Facilities Access Agreement	As negotiated	As negotiated	NDS 423	N/A
Provision of energy consumption data	Provision of relevant regional energy consumption data to Local Government Councils		Full cost	Full cost	NDS 422	N/A

## Public Lighting

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Temporary Public Lighting NB: SA Power Networks must notify Council's retailer.	Erection and removal of a second light on an existing lighting pole.	80W MV	\$244.00	\$268.40	NDS 409	N/A
		360W HPS	\$244.00	\$268.40	NDS 410	N/A
	Erection and removal of a light on an existing pole or column.	360W HPS	\$189.00	\$207.90	NDS 411	N/A
Night Security Lighting NB: Retailer authorisation must be sighted before connection.	Install a security light where requested, (includes future removal cost).	360W & 400W (HPS or MV)	\$388.00	\$426.80	NDS 412	N/A
		<del>940W HPS &amp; 1000W MV</del> (no longer offered)	N/A	N/A	NDS 413	N/A
	Where a school requests light and agrees to retain it for a minimum 5 years.	360W HPS & 400W MV	\$120.00	\$132.00	NDS 414	N/A
Installation of an Aero screen	Conversion of existing fitting to reduce glare.		\$82.00 plus remaining SLUoS if less than 15 years old	\$90.20 plus remaining SLUoS if less than 15 years old	NDS 415	N/A
	New Installation.	80W MV, 50 HPS or 42W CF	\$86.00	\$94.60	NDS 416	N/A
Installation of Long Pipe Bracket	For installations after 1/7/05 an upfront capital contribution is in place of the ongoing tariff		\$539.00	\$592.90	NDS 417	N/A
Charge For Road Lighting Design Compliance To AS 1158 Assessment	This charge may be applied to a council which uses a service provider external to SA Power Networks to supply road lighting schemes/designs, which when constructed, will be vested to or installed on SA Power Networks plant, i.e. non CLER.	Per Hour	\$96.00	\$105.60	NDS 418	N/A



**Fees for Provision of Public Lighting 2016/17**

Category	Service Description	Option	Fee Code	2016/17 Price ex. GST	2016/17 Price inc. GST
LED Lighting Tariffs (please refer to tariff notes below)					
P Category	Street Lights - SAPN LED Tariff (\$ p.a.)	Sylvania StreetLED 25W	PPL 401	76.80	84.48
		Sylvania StreetLED 18W	PPL 402	76.80	84.48
		Sylvania StreetLED 14W	PPL 403	76.80	84.48
	Street Lights - TFI LED Tariff (\$ p.a.)	Sylvania StreetLED 25W	PPL 404	56.70	62.37
		Sylvania StreetLED 18W	PPL 405	56.70	62.37
		Sylvania StreetLED 14W	PPL 406	56.70	62.37
		Pecan LRL SAT 48S 44W LED *	PPL 425	76.50	84.15
		Pecan NXT 24S 35W LED *	PPL 426	66.20	72.82
		Advanced LT XSP1 25W LED *	PPL 427	68.40	75.24
		Street Lights - PLC LED Tariff (\$ p.a.)	Sylvania StreetLED 25W	PPL 407	42.70
	Sylvania StreetLED 18W		PPL 408	42.70	46.97
	Sylvania StreetLED 14W		PPL 409	42.70	46.97
	Street Lights - CLER LED Tariff (\$ p.a.)	Sylvania StreetLED 25W	PPL 410	16.70	18.37
		Sylvania StreetLED 18W	PPL 411	16.70	18.37
		Sylvania StreetLED 14W	PPL 412	16.70	18.37
	Street Lights - Energy Only LED Tariff (\$ p.a.)	Sylvania StreetLED 25W	PPL 413	6.00	6.60
		Sylvania StreetLED 18W	PPL 418	6.00	6.60
		Sylvania StreetLED 14W	PPL 419	6.00	6.60
		LED 43W	PPL 414	6.00	6.60
		LED 47W	PPL 415	6.00	6.60
		LED 70W	PPL 416	6.00	6.60
		LED 88W	PPL 417	6.00	6.60
		LED Ribbon Flex Strip	PPL 549	6.00	6.60
		RUUD LED 20x1.3W	PPL 552	6.00	6.60
		RUUD LED 30x1.3W	PPL 553	6.00	6.60
	V Category	Road Lights - SAPN LED Tariff (\$ p.a.)	Aldridge LED 198W	PPL 451	158.50
Aldridge LED 105W			PPL 452	158.50	174.35
Road Lights - TFI LED Tariff (\$ p.a.)		Aldridge LED 198W	PPL 453	93.20	102.52
		Aldridge LED 105W	PPL 454	93.20	102.52
		Pecan LRL SAT 48S 72W LED *	PPL 475	76.50	84.15
		Pecan NXT 48M 53W LED *	PPL 476	76.50	84.15
		Pecan NXT 48M 68W LED *	PPL 477	76.50	84.15
		Pecan NXT 72M 78W LED *	PPL 478	79.30	87.23
		Pecan NXT 72M 117W LED *	PPL 479	79.30	87.23
Road Lights - PLC LED Tariff (\$ p.a.)		Aldridge LED 198W	PPL 455	49.00	53.90
		Aldridge LED 105W	PPL 456	49.00	53.90
Road Lights - CLER LED Tariff (\$ p.a.)		Aldridge LED 198W	PPL 457	23.00	25.30
		Aldridge LED 105W	PPL 458	23.00	25.30
Road Lights - Energy Only LED Tariff (\$ p.a.)		Aldridge LED 198W	PPL 459	6.00	6.60
		Aldridge LED 105W	PPL 462	6.00	6.60
		Sylvania RoadLED 175W	PPL 460	6.00	6.60
	Sylvania RoadLED 200W	PPL 461	6.00	6.60	
Tariff Notes					
LED tariffs marked with * have been approved for specific projects and incorporate non-standard terms and conditions. For detailed notes on LED tariffs, please refer to Attachment 1.					

Uncontrolled Document when printed. Refer to internet for latest version.

Other Lighting Tariffs					
P Category	Street Lights - SLUoS (\$ p.a.)	Fluorescent 20	PPL 501	76.70	84.37
		Fluorescent 40	PPL 502	76.70	84.37
		Compact Fluorescent 32	PPL 503	67.00	73.70
		Compact Fluorescent 42	PPL 504	67.00	73.70
		Fluor/Gas Tube 2x8	PPL 505	68.00	74.80
		Fluorescent 2x20	PPL 506	83.10	91.41
		Fluorescent 2x40	PPL 507	83.10	91.41
		Fluorescent 4x40	PPL 508	89.50	98.45
		Fluorescent 4x20	PPL 509	89.50	98.45
		Fluorescent T5 X 2 tubes	PPL 510	67.00	73.70
		Sodium 18 LP	PPL 511	108.60	119.46
		Sodium 26 LP	PPL 512	108.60	119.46
		Sodium 50 HP	PPL 513	73.90	81.29
		Mercury 50	PPL 514	59.70	65.67
		Mercury 70	PPL 515	59.70	65.67
		Mercury 80	PPL 516	55.40	60.94
		Incandescent 60	PPL 517	93.80	103.18
		Incandescent 100	PPL 518	93.80	103.18
		Metal Halide 50	PPL 519	102.60	112.86
		Metal Halide 70	PPL 520	102.60	112.86
		Metal Halide 100	PPL 521	102.60	112.86
		Metal Halide 150	PPL 522	102.60	112.86
		Metal Halide 250	PPL 523	96.90	106.59
		Metal Halide 400	PPL 524	96.90	106.59
P Category	Street Lights - CLER (\$ p.a.)	Fluorescent 20	PPL 525	50.90	55.99
		Fluorescent 40	PPL 526	50.90	55.99
		Compact Fluorescent 32	PPL 527	41.20	45.32
		Compact Fluorescent 42	PPL 528	41.20	45.32
		Incandescent 100	PPL 529	68.00	74.80
		Fluor/Gas Tube 2x8	PPL 530	41.20	45.32
		Fluorescent 2x20	PPL 531	57.30	63.03
		Fluorescent 2x40	PPL 532	57.30	63.03
		Fluorescent 4x40	PPL 533	63.70	70.07
		Fluorescent 4x20	PPL 534	63.70	70.07
		Fluorescent T5 X 2 tubes	PPL 535	41.20	45.32
		Sodium 18 LP	PPL 536	82.80	91.08
		Sodium 26 LP	PPL 537	82.80	91.08
		Sodium 50 HP	PPL 538	48.00	52.80
		Mercury 50	PPL 539	33.80	37.18
		Mercury 70	PPL 540	33.80	37.18
		Mercury 80	PPL 541	29.60	32.56
		Metal Halide 50	PPL 542	74.30	81.73
		Metal Halide 70	PPL 543	74.30	81.73
		Metal Halide 100	PPL 544	74.30	81.73
		Metal Halide 150	PPL 545	74.30	81.73
		Metal Halide 250	PPL 546	68.60	75.46
		Metal Halide 400	PPL 547	68.60	75.46
P Category	Street Lights - Energy Only (\$ p.a.)	Sodium 50 HP	PPL 548	6.00	6.60
		Metal Halide 70	PPL 550	6.00	6.60
		Metal Halide 150	PPL 551	6.00	6.60
		Sodium 18	PPL 554	6.00	6.60

V Category	Road Lights - SLUoS (\$ p.a.)	Sodium 55 LP	PPL 555	91.60	100.76
		Sodium 70 HP	PPL 556	71.90	79.09
		Sodium 90 LP	PPL 557	75.10	82.61
		Sodium 135 LP	PPL 558	77.20	84.92
		Mercury 100	PPL 559	58.60	64.46
		Mercury 125	PPL 560	58.60	64.46
		Mercury 250	PPL 561	58.60	64.46
		Mercury 400	PPL 562	61.80	67.98
		Mercury 2x400	PPL 563	66.10	72.71
		Mercury 3x125	PPL 564	72.70	79.97
		Sodium 100 HP	PPL 565	78.40	86.24
		Sodium 150 HP	PPL 566	60.70	66.77
		Sodium 250 HP	PPL 567	60.70	66.77
		Sodium 400 HP	PPL 568	68.70	75.57
V Category	Road Lights - CLER (\$p.a.)	Sodium 55 LP	PPL 569	65.70	72.27
		Sodium 70 HP	PPL 570	46.00	50.60
		Sodium 90 LP	PPL 571	49.30	54.23
		Sodium 135 LP	PPL 572	51.30	56.43
		Mercury 100	PPL 573	32.80	36.08
		Mercury 125	PPL 574	32.80	36.08
		Mercury 250	PPL 575	32.80	36.08
		Mercury 400	PPL 576	36.00	39.60
		Mercury 2x400	PPL 577	40.30	44.33
		Mercury 3x125	PPL 578	46.80	51.48
		Sodium 100 HP	PPL 579	52.60	57.86
		Sodium 150 HP	PPL 580	34.80	38.28
		Sodium 250 HP	PPL 581	34.90	38.39
		Sodium 400 HP	PPL 582	42.90	47.19
V Category	Road Lights - Energy Only (\$p.a.)	Sodium 100 HP	PPL 583	6.00	6.60
Flood Lights	Flood Lights - SLUOS (\$p.a.)	Mercury Flood 80	PPL 584	164.20	180.62
		Mercury Flood 250	PPL 585	164.20	180.62
		Mercury Flood 400	PPL 586	164.20	180.62
		Mercury Flood 750	PPL 587	164.20	180.62
		Mercury Flood 1000	PPL 588	164.20	180.62
		Sodium Flood 360 HP	PPL 589	164.20	180.62
		Sodium Flood 400 HP	PPL 590	164.20	180.62
		Incandescent Flood 150	PPL 591	164.20	180.62
		Incandescent Flood 300	PPL 592	164.20	180.62
		Incandescent Flood 500	PPL 593	164.20	180.62
		Incandescent Flood 750	PPL 594	164.20	180.62
		Incandescent Flood 1000	PPL 595	164.20	180.62
		Incandescent Flood 1500	PPL 596	164.20	180.62
Flood Lights	Flood Lights - CLER (\$p.a.)	Mercury Flood 80	PPL 597	81.50	89.65
		Mercury Flood 250	PPL 598	81.50	89.65
		Mercury Flood 400	PPL 599	81.50	89.65
		Mercury Flood 750	PPL 600	81.50	89.65
		Mercury Flood 1000	PPL 601	81.50	89.65
		Sodium Flood 360 HP	PPL 602	81.50	89.65
		Sodium Flood 400 HP	PPL 603	81.50	89.65
		Incandescent Flood 150	PPL 604	81.50	89.65
		Incandescent Flood 300	PPL 605	81.50	89.65
		Incandescent Flood 500	PPL 606	81.50	89.65
		Incandescent Flood 750	PPL 607	81.50	89.65
		Incandescent Flood 1000	PPL 608	81.50	89.65
		Incandescent Flood 1500	PPL 609	81.50	89.65
Other	Other Items (\$p.a.)	Long pipe bracket	PPL 610	9.10	10.01
		Closed Circuit Television	PPL 611	56.90	62.59

## Attachment 1 - Notes for Public Lighting Tariffs 2016/17

### LED TARIFF NOTES - OVERVIEW

SA Power Networks has developed a new tariff structure and pricing model to facilitate the replacement of existing public lighting with LED lighting. The new tariff structure reflects the source and timing of the funding of luminaire upgrades.

Three new tariffs apply to LED lights on SA Power Networks infrastructure:

- SAPN LED Tariff
- TFI LED Tariff
- PLC LED Tariff

One new tariff applies to LED lights on public lighting customers' infrastructure

- CLER LED Tariff

The Energy Only tariff continues to apply for LED lights as well as other lights.

### NEW LED TARIFFS

The **SAPN LED Tariff** applies where SA Power Networks funds a luminaire upgrade or new installation. Volume upgrades are subject to SA Power Networks' funding availability or approval.

Under the SAPN LED Tariff SA Power Networks will fund the luminaire upgrade, and will operate and maintain, repair and/or replace the luminaire and its supporting infrastructure during the term of the agreement.

- Luminaire upgrade means the supply and installation of the new luminaire to a standard specification. The cost of installing, maintaining, or replacing any additional equipment or features above the standard specification, such as special visors or screens, would be agreed and recovered separately.
- Operation includes
  - asset, outage and customer management systems and administration,
  - regulatory compliance,
  - asset and maintenance performance reporting to the Customer, and
  - warranty management as required.
- Maintenance includes cleaning, testing and inspection at appropriate intervals.
- Repair includes replacement of luminaire components as relevant.
- Luminaire replacements would be required due to vandalism, third party damage or post warranty period comprehensive failure.
- Luminaire performance will be no less than applicable Standards require. Availability will be subject to regulated service levels.

The cost of any service levels higher than those set out above would be agreed and recovered separately.

The **TFI LED Tariff** applies where lighting infrastructure is transferred ('gifted' or 'vested') to SA Power Networks. It is also available to Customers that wish to fund the initial cost of a luminaire upgrade or new installation, but want SA Power Networks to be responsible for luminaire replacements.

Under the TFI LED Tariff SA Power Networks will operate and maintain, repair and/or replace the luminaire and its supporting infrastructure during the term of the agreement.

- Operation includes
  - asset, outage and customer management systems and administration,
  - regulatory compliance,
  - asset and maintenance performance reporting to the Customer, and
  - warranty management as required.
- Maintenance includes cleaning, testing and inspection at appropriate intervals.
- Repair includes replacement of luminaire components as relevant.
- Luminaire replacements would be required due to vandalism, third party damage or post warranty period comprehensive failure.
- The cost of maintaining or replacing any additional equipment or features above the standard specification, such as special visors or screens, would be agreed and recovered separately.
- Luminaire performance will be no less than applicable Standards require. Availability will be subject to regulated service levels.

The cost of any service levels higher than those set out above would be agreed and recovered separately.

The **PLC LED Tariff** applies where the Customer funds the cost of a luminaire upgrade or new installation, and remains responsible for post warranty period luminaire replacements. SA Power Networks would procure and install the new luminaire, or install a new luminaire supplied by the Customer.

Under the PLC LED Tariff SA Power Networks will operate, maintain, and repair the luminaire, and repair and/or replace its supporting infrastructure, during the term of the agreement.

- Operation includes
  - asset, outage and customer management systems and administration,
  - regulatory compliance,
  - asset and maintenance performance reporting to the Customer, and
  - warranty management as required.
- Maintenance includes cleaning, testing and inspection at appropriate intervals.
- Repair includes replacement of luminaire components as relevant.
- The cost of maintaining or replacing any additional equipment or features above the standard specification, such as special visors or screens, would be agreed and recovered separately.
- Luminaire replacements required due to vandalism, third party damage, post warranty period comprehensive failure, or at the end of the asset's economic life, would be the responsibility of the Customer.
- Luminaire performance will be no less than applicable Standards require. Availability will be subject to regulated service levels.

The cost of any service levels higher than those set out above would be agreed and recovered separately.

The **CLER LED Tariff** applies where SA Power Networks maintains the Customer's luminaire on the Customer's infrastructure.

Under the CLER LED Tariff SA Power Networks will operate, maintain, and repair the luminaire during the term of the agreement.

- Operation includes
  - asset, outage and customer management systems and administration,
  - asset and maintenance performance reporting to the Customer, and
  - warranty management as required.

- Maintenance includes cleaning, testing and inspection at appropriate intervals.
- Repair includes replacement of luminaire components as relevant.
- The cost of maintaining or replacing any additional equipment or features above the standard specification, such as special visors or screens, would be agreed and recovered separately.
- Luminaire replacements required due to vandalism, third party damage, post warranty period comprehensive failure, or at the end of the asset's economic life, would be the responsibility of the Customer.
- Repair, maintenance and replacement of the Customer's non-luminaire public lighting infrastructure would be the responsibility of the Customer.
- Luminaire performance will be no less than applicable Standards require. Availability will be subject to best endeavours to achieve regulated service levels.

The cost of any service levels higher than those set out above would be agreed and recovered separately.

## 7. FEEDER CHARGES

### 7.1 Background to these charges

Some large customers have negotiated with SA Power Networks for the use of existing SA Power Networks assets to supply more reliability or access to a better tariff. These customers are aware of these negotiated charges that are increased by CPI annually on 1 July. The prices exclude GST.

#### Standby Feeder and Asset Charges 2016/17

\$ per month excl GST

NMI Number	Charge type	Monthly charge
2002108649	Standby Feeder Charge	\$1,730
2002108650	Standby Feeder Charge	\$1,040
2002147255	Standby Feeder Charge	\$21,730
SAAAAAA104	Standby Feeder Charge	\$17,950
SAAAAAA177	Standby Feeder Charge	\$9,160
SAAAAAA323	Standby Feeder Charge	\$7,870
SAAAAAA891	Standby Feeder Charge	\$5,300
SAAAAAB123	Standby Feeder Charge	\$2,870
2002174265	Standby Feeder Charge	\$14,640
SAAAAAC195	Standby Feeder Charge	\$2,600
SAAAAAB017	Standby Feeder Charge	\$7,530
SAAAAAA256	Standby Feeder Charge	\$21,050
2002288351	Dedicated Asset Charge	\$8,950
SAAAAAA022	Dedicated Feed Charge	\$20,240
SAAAAAA026	Dedicated Feed Charge	\$9,890
2002155381	Dedicated Feed Charge	\$2,370
2001000608	Dedicated Feed Charge	\$6,290
2002112609	Substation Charge	\$55,350



## 8. **TARIFF SCHEDULE FOR 2016/17**

The 2016/17 tariff schedule is provided on the following pages.

Uncontrolled Document when printed. Refer to internet for latest version.

SA Power Networks' Tariffs 2016-17			Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand		
Final Network Prices Schedule comprises DUoS, PV FIT and TUoS excludes GST, Metering		NUoS 2016/17	Supply Rate \$/day	Usage Block 1 \$/kWh	Usage Block 2 \$/kWh	Usage Peak \$/kWh	Usage Off- Peak \$/kWh	Controlled Load \$/kWh	Block 1 \$/kVA/day	Block 2 \$/kVA/day	Additional \$/kVA/day	Summer Peak \$/kVA/day	Year Shoulder \$/kVA/day	Year Off-Peak \$/kVA/day	Summer Peak \$/kW/day	Winter Shoulder \$/kW/day	Year Off-Peak \$/kW/day
Tariff Class and Tariffs									Annual	Annual	Annual	5 months	12 months	12 months	5 months	7 months	12 months
Residential Tariff Class																	
RSR	Residential		\$ 0.3012	\$ 0.1175	\$ 0.1470			\$ 0.0539									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)			\$ 0.0652				\$ 0.0539							\$ 0.4275	\$ 0.2110	\$ -
Small Business Tariff Class																	
LVUU	Unmetered 12 hour (streetlights)			\$ 0.0687													
LVUU24	Unmetered 24 hour			\$ 0.0687													
BSR	Business Single-Rate (obsolete July 2010)	\$ 0.3012	\$ 0.1342	\$ 0.1342				\$ 0.0539									
B2R	Business Two-Rate	\$ 0.3012			\$ 0.1584	\$ 0.0711	\$ 0.0539										
SBD	Business Monthly Actual kVA Demand		\$ 0.0505									\$ 0.4911	\$ 0.2436	\$ -			
SBDT	Business Monthly Actual kVA Demand Transition	\$ 0.1506			\$ 0.1046	\$ 0.0609						\$ 0.2457	\$ 0.1220	\$ -			
SLV	Business Annual Agreed kVA Demand (obsolete July 2016)	\$ 11.1338	\$ 0.0307						\$ 0.3189	\$ 0.2627	\$ 0.1282						
BSRN	Business Single-Rate (negotiated service)	\$ 0.3012	\$ 0.1342	\$ 0.1342													
B2RN	Business Two-Rate (negotiated service)	\$ 0.3012			\$ 0.1584	\$ 0.0711											
Large Business LV Tariff Class (LV and >160 MWh)																	
LBSR	Business Single-Rate Transition	\$ 0.3012	\$ 0.1610	\$ 0.1610				\$ 0.0539									
LB2R	Business Two-Rate Transition	\$ 0.3012			\$ 0.1901	\$ 0.0854	\$ 0.0539										
BD	Business Monthly Actual kVA Demand		\$ 0.0505									\$ 0.4911	\$ 0.2436	\$ -			
BDT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)	\$ 0.1506			\$ 0.1046	\$ 0.0609						\$ 0.2457	\$ 0.1220	\$ -			
LV	Business Annual Agreed kVA Demand	\$ 11.1338	\$ 0.0307						\$ 0.3189	\$ 0.2627	\$ 0.1282						
LVSG	Sportsgrounds Annual Agreed kVA Demand	\$ 11.1338	\$ 0.0307						\$ 0.3189	\$ 0.2627	\$ 0.1282						
LVB	Business Annual Agreed kVA Demand (back-up)	\$ 11.1338	\$ 0.0307						\$ 0.1282	\$ 0.1282	\$ 0.1282						
LVN	Business Annual Agreed kVA Demand (negotiated service)	\$ 11.1338	\$ 0.0307						\$ 0.3189	\$ 0.2627	\$ 0.1282						
High Voltage Business Tariff Class																	
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)	\$ 0.3012			\$ 0.1901	\$ 0.0854						\$ 0.4911	\$ 0.2436	\$ -			
HBD	Business Monthly Actual kVA Demand		\$ 0.0505														
HV400	HV Business Annual Agreed kVA Demand < 400 kVA	\$ 11.1338	\$ 0.0307						\$ 0.3189		\$ 0.1282						
HV	HV Business Annual Agreed kVA Demand	\$ 80.4111	\$ 0.0243						\$ 0.2321		\$ 0.1190						
HV400N	Business HV Demand < 400 kVA (negotiated service)	\$ 11.1338	\$ 0.0307						\$ 0.3189		\$ 0.1282						
HVB	Business HV Demand kVA (back-up)	\$ -	\$ 0.0243						\$ 0.1190		\$ 0.1190						
HVN	Business HV Demand kVA (negotiated service)	\$ -	\$ 0.0243						\$ 0.2321		\$ 0.1190						
HVS658	Business HV Demand kVA (negotiated service)	\$ -	\$ 0.0153						\$ 0.1285		\$ 0.1095						
Major Business Tariff Class																	
ZSN	Zone Substation Annual Agreed kVA Demand (non-locational)		\$ 0.0153						\$ 0.1907		\$ 0.0983						
ZSNB	Zone Substation kVA (back-up)		\$ 0.0153						\$ 0.0983		\$ 0.0983						
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)		\$ 0.0099						\$ 0.1131		\$ 0.0207						
STNB	Subtransmission kVA (back-up)		\$ 0.0099						\$ 0.0207		\$ 0.0207						
Zone Substation Annual Agreed kVA Demand (locational)																	
ZSN021	ZSN021	\$ 433.00	\$ 0.0076						\$ 0.2893		\$ 0.0983						
ZSN022	ZSN022	\$ 174.00	\$ 0.0076						\$ 0.2374		\$ 0.0983						
ZSN024	ZSN024	\$ 191.00	\$ 0.0076						\$ 0.2413		\$ 0.0983						
ZSN026	ZSN026	\$ -	\$ -						\$ -		\$ -						
ZSN035	ZSN035	\$ 139.00	\$ 0.0076						\$ 0.2887		\$ 0.0983						
ZSN131	ZSN131	\$ 187.00	\$ 0.0076						\$ 0.2370		\$ 0.0983						
ZSN228	ZSN228	\$ 123.00	\$ 0.0222						\$ 0.2555		\$ 0.0983						
ZSN438	ZSN438	\$ 79.00	\$ 0.0076						\$ 0.2420		\$ 0.0983						
ZSN608	ZSN608	\$ 55.00	\$ 0.0076						\$ 0.2423		\$ 0.0983						
ZSNB230	ZSNB230 (back-up)	\$ -	\$ 0.0222						\$ 0.0983		\$ 0.0983						
Sub Transmission Annual Agreed kVA Demand (locational)																	
STN018	VSTN018	\$ 1,456.00	\$ 0.0022						\$ 0.2104		\$ 0.0207						
STN084	VSTN084	\$ 1,058.00	\$ 0.0022						\$ 0.2032		\$ 0.0207						
STN161	VSTN161	\$ 208.00	\$ 0.0169						\$ 0.0612		\$ 0.0207						
STN162	VSTN162	\$ 62.00	\$ 0.0167						\$ 0.1670		\$ 0.0207						
STN378	VSTN378	\$ 437.00	\$ 0.0022						\$ 0.2032		\$ 0.0207						
STN557	VSTN557	\$ 226.00	\$ 0.0167						\$ 0.1220		\$ 0.0207						
STN609	VSTN609	\$ 3,299.00	\$ 0.0022						\$ 0.0207		\$ 0.0207						
STN788	VSTN788	\$ 314.00	\$ 0.0022						\$ 0.1588		\$ 0.0207						
STN840	VSTN840	\$ 31.00	\$ 0.0169						\$ 0.0612		\$ 0.0207						
STNB164	VSTNB164 (back-up)	\$ -	\$ 0.0167						\$ 0.0207		\$ 0.0207						
STNB796	VSTNB796 (back-up)	\$ -	\$ 0.0022						\$ 0.0207		\$ 0.0207						

# Network Tariff & Negotiated Services – Manual No. 18

SA Power Networks' Tariffs 2016-17			Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand		
Final Distribution Prices Schedule comprises DUoS only excludes GST, Metering		DUoS 2016/17	Supply Rate \$/day	Usage Block 1 \$/kWh	Usage Block 2 \$/kWh	Usage Peak \$/kWh	Usage Off- Peak \$/kWh	Controlled Load \$/kWh	Block 1 \$/kVA/day	Block 2 \$/kVA/day	Additional \$/kVA/day	Summer Peak \$/kVA/day	Year Shoulder \$/kVA/day	Year Off-Peak \$/kVA/day	Summer Peak \$/kW/day	Winter Shoulder \$/kW/day	Year Off-Peak \$/kW/day
Tariff Class and Tariffs									Annual	Annual	Annual	5 months	12 months	12 months	5 months	7 months	12 months
Residential Tariff Class																	
RSR	Residential		\$ 0.2668	\$ 0.0773	\$ 0.1028			\$ 0.0323									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)			\$ 0.0451				\$ 0.0323							\$ 0.3000	\$ 0.1482	\$ -
Small Business Tariff Class																	
LVUU	Unmetered 12 hour (streetlights)			\$ 0.0528													
LVUU24	Unmetered 24 hour			\$ 0.0528													
BSR	Business Single-Rate (obsolete July 2010)		\$ 0.2668	\$ 0.0972	\$ 0.0972			\$ 0.0323									
B2R	Business Two-Rate		\$ 0.2668			\$ 0.1150	\$ 0.0496	\$ 0.0323									
SBD	Business Monthly Actual kVA Demand			\$ 0.0359								\$ 0.3500	\$ 0.1736	\$ -			
SBDT	Business Monthly Actual kVA Demand Transition		\$ 0.1334			\$ 0.0755	\$ 0.0428					\$ 0.1752	\$ 0.0868	\$ -			
SLV	Business Annual Agreed kVA Demand (obsolete July 2016)		\$ 10.2403	\$ 0.0212					\$ 0.2084	\$ 0.1565	\$ 0.1180						
BSRN	Business Single-Rate (negotiated service)		\$ -	\$ -	\$ -												
B2RN	Business Two-Rate (negotiated service)		\$ -			\$ -	\$ -										
Large Business LV Tariff Class (LV and >160 MWh)																	
LBSR	Business Single-Rate Transition		\$ 0.2668	\$ 0.1166	\$ 0.1166			\$ 0.0323									
LB2R	Business Two-Rate Transition		\$ 0.2668			\$ 0.1380	\$ 0.0595	\$ 0.0323									
BD	Business Monthly Actual kVA Demand			\$ 0.0359								\$ 0.3500	\$ 0.1736	\$ -			
BDT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)		\$ 0.1334			\$ 0.0755	\$ 0.0428					\$ 0.1752	\$ 0.0868	\$ -			
LV	Business Annual Agreed kVA Demand		\$ 10.2403	\$ 0.0212					\$ 0.2084	\$ 0.1565	\$ 0.1180						
LVSG	Sportsgrounds Annual Agreed kVA Demand		\$ 10.2403	\$ 0.0212					\$ 0.2084	\$ 0.1565	\$ 0.1180						
LVB	Business Annual Agreed kVA Demand (back-up)		\$ -	\$ -					\$ -	\$ -	\$ -						
LVN	Business Annual Agreed kVA Demand (negotiated service)		\$ -	\$ -					\$ -	\$ -	\$ -						
High Voltage Business Tariff Class																	
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)		\$ 0.2668			\$ 0.1380	\$ 0.0595					\$ 0.3500	\$ 0.1736	\$ -			
HBD	Business Monthly Actual kVA Demand			\$ 0.0359													
HV400	HV Business Annual Agreed kVA Demand < 400 kVA		\$ 10.2403	\$ 0.0212					\$ 0.2084		\$ 0.1180						
HV	HV Business Annual Agreed kVA Demand		\$ 73.9575	\$ 0.0153					\$ 0.1285		\$ 0.1095						
HV400N	Business HV Demand < 400 kVA (negotiated service)		\$ -	\$ -					\$ -		\$ -						
HVB	Business HV Demand kVA (back-up)		\$ -	\$ -					\$ -		\$ -						
HVN	Business HV Demand kVA (negotiated service)		\$ -	\$ -					\$ -		\$ -						
HVS658	Business HV Demand kVA (negotiated service)		\$ -	\$ -					\$ -		\$ -						
Major Business Tariff Class																	
ZSN	Zone Substation Annual Agreed kVA Demand (non-locational)			\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSNB	Zone Substation kVA (back-up)			\$ -					\$ -		\$ -						
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)			\$ 0.0020					\$ 0.0191		\$ 0.0191						
STNB	Subtransmission kVA (back-up)			\$ -					\$ -		\$ -						
Zone Substation Annual Agreed kVA Demand (locational)																	
ZSN021	ZSN021		\$ -	\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSN022	ZSN022		\$ -	\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSN024	ZSN024		\$ -	\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSN026	ZSN026		\$ -	\$ -					\$ -		\$ -						
ZSN035	ZSN035		\$ -	\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSN131	ZSN131		\$ -	\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSN228	ZSN228		\$ -	\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSN438	ZSN438		\$ -	\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSN608	ZSN608		\$ -	\$ 0.0070					\$ 0.0904		\$ 0.0904						
ZSNB230	ZSNB230 (back-up)		\$ -	\$ -					\$ -		\$ -						
Sub Transmission Annual Agreed kVA Demand (locational)																	
STN018	VSTN018		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STN084	VSTN084		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STN161	VSTN161		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STN162	VSTN162		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STN378	VSTN378		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STN557	VSTN557		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STN609	VSTN609		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STN788	VSTN788		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STN840	VSTN840		\$ -	\$ 0.0020					\$ 0.0191		\$ 0.0191						
STNB164	VSTNB164 (back-up)		\$ -	\$ -					\$ -		\$ -						
STNB796	VSTNB796 (back-up)		\$ -	\$ -					\$ -		\$ -						

Network Tariff & Negotiated Services – Manual No. 18

SA Power Networks' Tariffs 2016-17			Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand			
Final Transmission Prices Schedule comprises TUoS only excludes GST, Metering			TUoS 2016/17	Supply Rate \$/day	Usage Block 1 \$/kWh	Usage Block 2 \$/kWh	Usage Peak \$/kWh	Usage Off- Peak \$/kWh	Controlled Load \$/kWh	Block 1 \$/kVA/day Annual	Block 2 \$/kVA/day Annual	Additional \$/kVA/day Annual	Summer Peak \$/kVA/day 5 months	Year Shoulder \$/kVA/day 12 months	Year Off-Peak \$/kVA/day 12 months	Summer Peak \$/kW/day 5 months	Winter Shoulder \$/kW/day 7 months	Year Off-Peak \$/kW/day 12 months
Tariff Class and Tariffs																		
Residential Tariff Class																		
RSR	Residential		\$ -	\$ 0.0280	\$ 0.0280				\$ 0.0165									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)			\$ 0.0130					\$ 0.0165							\$ 0.0801	\$ 0.0396	\$ -
Small Business Tariff Class																		
LVUU	Unmetered 12 hour (streetlights)			\$ 0.0113														
LVUU24	Unmetered 24 hour			\$ 0.0113														
BSR	Business Single-Rate (obsolete July 2010)	\$ -	\$ -	\$ 0.0285	\$ 0.0285			\$ 0.0165										
B2R	Business Two-Rate	\$ -				\$ 0.0334	\$ 0.0172	\$ 0.0165										
SBD	Business Monthly Actual kVA Demand			\$ 0.0115									\$ 0.1106	\$ 0.0549	\$ -			
SBDT	Business Monthly Actual kVA Demand Transition	\$ -				\$ 0.0225	\$ 0.0144						\$ 0.0553	\$ 0.0276	\$ -			
SLV	Business Annual Agreed kVA Demand (obsolete July 2016)	\$ -	\$ -	\$ 0.0077					\$ 0.0924	\$ 0.0924	\$ -							
BSRN	Business Single-Rate (negotiated service)	\$ -	\$ -	\$ 0.0285	\$ 0.0285													
B2RN	Business Two-Rate (negotiated service)	\$ -				\$ 0.0334	\$ 0.0172											
Large Business LV Tariff Class (LV and >160 MWh)																		
LBSR	Business Single-Rate Transition	\$ -	\$ -	\$ 0.0342	\$ 0.0342			\$ 0.0165										
LB2R	Business Two-Rate Transition	\$ -				\$ 0.0401	\$ 0.0206	\$ 0.0165										
BD	Business Monthly Actual kVA Demand			\$ 0.0115									\$ 0.1106	\$ 0.0549	\$ -			
BDT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)	\$ -				\$ 0.0225	\$ 0.0144						\$ 0.0553	\$ 0.0276	\$ -			
LV	Business Annual Agreed kVA Demand	\$ -	\$ -	\$ 0.0077					\$ 0.0924	\$ 0.0924	\$ -							
LVSG	Sportsgrounds Annual Agreed kVA Demand	\$ -	\$ -	\$ 0.0077					\$ 0.0924	\$ 0.0924	\$ -							
LVB	Business Annual Agreed kVA Demand (back-up)	\$ -	\$ -	\$ 0.0077					\$ -	\$ -	\$ -							
LVN	Business Annual Agreed kVA Demand (negotiated service)	\$ -	\$ -	\$ 0.0077					\$ 0.0924	\$ 0.0924	\$ -							
High Voltage Business Tariff Class																		
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)	\$ -				\$ 0.0401	\$ 0.0206						\$ 0.1106	\$ 0.0549	\$ -			
HBD	Business Monthly Actual kVA Demand			\$ 0.0115														
HV400	HV Business Annual Agreed kVA Demand < 400 kVA	\$ -	\$ -	\$ 0.0077					\$ 0.0924		\$ -							
HV	HV Business Annual Agreed kVA Demand	\$ -	\$ -	\$ 0.0077					\$ 0.0924		\$ -							
HV400N	Business HV Demand < 400 kVA (negotiated service)	\$ -	\$ -	\$ 0.0077					\$ 0.0924		\$ -							
HVB	Business HV Demand kVA (back-up)	\$ -	\$ -	\$ 0.0077					\$ -		\$ -							
HVN	Business HV Demand kVA (negotiated service)	\$ -	\$ -	\$ 0.0077					\$ 0.0924		\$ -							
HVS658	Business HV Demand kVA (negotiated service)	\$ -	\$ -	\$ -					\$ -		\$ -							
Major Business Tariff Class																		
ZSN	Zone Substation Annual Agreed kVA Demand (non-locational)			\$ 0.0077					\$ 0.0924		\$ -							
ZSNB	Zone Substation kVA (back-up)			\$ 0.0077					\$ -		\$ -							
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)			\$ 0.0077					\$ 0.0924		\$ -							
STNB	Subtransmission kVA (back-up)			\$ 0.0077					\$ -		\$ -							
Zone Substation Annual Agreed kVA Demand (locational)																		
ZSN021	ZSN021	\$ 433.00	\$ -	\$ -					\$ 0.1910		\$ -							
ZSN022	ZSN022	\$ 174.00	\$ -	\$ -					\$ 0.1391		\$ -							
ZSN024	ZSN024	\$ 191.00	\$ -	\$ -					\$ 0.1430		\$ -							
ZSN026	ZSN026	\$ -	\$ -	\$ -					\$ -		\$ -							
ZSN035	ZSN035	\$ 139.00	\$ -	\$ -					\$ 0.1904		\$ -							
ZSN131	ZSN131	\$ 187.00	\$ -	\$ -					\$ 0.1387		\$ -							
ZSN228	ZSN228	\$ 123.00	\$ 0.0146						\$ 0.1572		\$ -							
ZSN438	ZSN438	\$ 79.00	\$ -						\$ 0.1437		\$ -							
ZSN608	ZSN608	\$ 55.00	\$ -						\$ 0.1440		\$ -							
ZSNB230	ZSNB230 (back-up)	\$ -	\$ 0.0146						\$ -		\$ -							
Sub Transmission Annual Agreed kVA Demand (locational)																		
STN018	VSTN018	\$ 1,456.00	\$ -	\$ -					\$ 0.1897		\$ -							
STN084	VSTN084	\$ 1,058.00	\$ -	\$ -					\$ 0.1825		\$ -							
STN161	VSTN161	\$ 208.00	\$ 0.0147						\$ 0.0404		\$ -							
STN162	VSTN162	\$ 62.00	\$ 0.0145						\$ 0.1463		\$ -							
STN378	VSTN378	\$ 437.00	\$ -						\$ 0.1825		\$ -							
STN557	VSTN557	\$ 226.00	\$ 0.0145						\$ 0.1013		\$ -							
STN609	VSTN609	\$ 3,299.00	\$ -						\$ -		\$ -							
STN788	VSTN788	\$ 314.00	\$ -						\$ 0.1381		\$ -							
STN840	VSTN840	\$ 31.00	\$ 0.0147						\$ 0.0404		\$ -							
STNB164	VSTNB164 (back-up)	\$ -	\$ 0.0145						\$ -		\$ -							
STNB796	VSTNB796 (back-up)	\$ -	\$ -						\$ -		\$ -							

Network Tariff & Negotiated Services – Manual No. 18

SA Power Networks' Tariffs 2016-17		Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand			
Final JSO (PV FIT) Prices Schedule comprises PV FIT recovery only excludes GST, Metering		JSO (PV) 2016/17	Supply Rate \$/day	Usage Block 1 \$/kWh	Usage Block 2 \$/kWh	Usage Peak \$/kWh	Usage Off- Peak \$/kWh	Controlled Load \$/kWh	Block 1 \$/kVA/day Annual	Block 2 \$/kVA/day Annual	Additional \$/kVA/day Annual	Summer Peak \$/kVA/day 5 months	Year Shoulder \$/kVA/day 12 months	Year Off-Peak \$/kVA/day 12 months	Summer Peak \$/kW/day 5 months	Winter Shoulder \$/kW/day 7 months	Year Off-Peak \$/kW/day 12 months
Tariff Class and Tariffs																	
Residential Tariff Class																	
RSR	Residential		\$ 0.0344	\$ 0.0122	\$ 0.0162			\$ 0.0051									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)			\$ 0.0071				\$ 0.0051							\$ 0.0474	\$ 0.0232	\$ -
Small Business Tariff Class																	
LVUU	Unmetered 12 hour (streetlights)			\$ 0.0046													
LVUU24	Unmetered 24 hour			\$ 0.0046													
BSR	Business Single-Rate (obsolete July 2010)		\$ 0.0344	\$ 0.0085	\$ 0.0085			\$ 0.0051									
B2R	Business Two-Rate		\$ 0.0344			\$ 0.0100	\$ 0.0043	\$ 0.0051									
SBD	Business Monthly Actual kVA Demand			\$ 0.0031								\$ 0.0305	\$ 0.0151	\$ -			
SBDT	Business Monthly Actual kVA Demand Transition		\$ 0.0172			\$ 0.0066	\$ 0.0037					\$ 0.0152	\$ 0.0076	\$ -			
SLV	Business Annual Agreed kVA Demand (obsolete July 2016)		\$ 0.8936	\$ 0.0018					\$ 0.0181	\$ 0.0138	\$ 0.0102						
BSRN	Business Single-Rate (negotiated service)		\$ 0.0344	\$ 0.0085	\$ 0.0085												
B2RN	Business Two-Rate (negotiated service)		\$ 0.0344			\$ 0.0100	\$ 0.0043										
Large Business LV Tariff Class (LV and >160 MWh)																	
LBSR	Business Single-Rate Transition		\$ 0.0344	\$ 0.0102	\$ 0.0102			\$ 0.0051									
LB2R	Business Two-Rate Transition		\$ 0.0344			\$ 0.0120	\$ 0.0052	\$ 0.0051									
BD	Business Monthly Actual kVA Demand			\$ 0.0031								\$ 0.0305	\$ 0.0151	\$ -			
BDT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)		\$ 0.0172			\$ 0.0066	\$ 0.0037					\$ 0.0152	\$ 0.0076	\$ -			
LV	Business Annual Agreed kVA Demand		\$ 0.8936	\$ 0.0018					\$ 0.0181	\$ 0.0138	\$ 0.0102						
LVSG	Sportsgrounds Annual Agreed kVA Demand		\$ 0.8936	\$ 0.0018					\$ 0.0181	\$ 0.0138	\$ 0.0102						
LVB	Business Annual Agreed kVA Demand (back-up)		\$ 0.8936	\$ 0.0018					\$ 0.0102	\$ 0.0102	\$ 0.0102						
LVN	Business Annual Agreed kVA Demand (negotiated service)		\$ 0.8936	\$ 0.0018					\$ 0.0181	\$ 0.0138	\$ 0.0102						
High Voltage Business Tariff Class																	
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)		\$ 0.0344			\$ 0.0120	\$ 0.0052					\$ 0.0305	\$ 0.0151	\$ -			
HBD	Business Monthly Actual kVA Demand			\$ 0.0031													
HV400	HV Business Annual Agreed kVA Demand < 400 kVA		\$ 0.8936	\$ 0.0018					\$ 0.0181		\$ 0.0102						
HV	HV Business Annual Agreed kVA Demand		\$ 6.4535	\$ 0.0013					\$ 0.0112		\$ 0.0095						
HV400N	Business HV Demand < 400 kVA (negotiated service)		\$ 0.8936	\$ 0.0018					\$ 0.0181		\$ 0.0102						
HVB	Business HV Demand kVA (back-up)		\$ -	\$ 0.0013					\$ 0.0095		\$ 0.0095						
HVN	Business HV Demand kVA (negotiated service)		\$ -	\$ 0.0013					\$ 0.0112		\$ 0.0095						
HVS658	Business HV Demand kVA (negotiated service)		\$ -	\$ -					\$ -		\$ -						
Major Business Tariff Class																	
ZSN	Zone Substation Annual Agreed kVA Demand (non-locational)			\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSNB	Zone Substation kVA (back-up)			\$ 0.0006					\$ 0.0079		\$ 0.0079						
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)			\$ 0.0002					\$ 0.0016		\$ 0.0016						
STNB	Subtransmission kVA (back-up)			\$ 0.0002					\$ 0.0016		\$ 0.0016						
Zone Substation Annual Agreed kVA Demand (locational)																	
ZSN021	ZSN021		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSN022	ZSN022		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSN024	ZSN024		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSN026	ZSN026		\$ -	\$ -					\$ -		\$ -						
ZSN035	ZSN035		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSN131	ZSN131		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSN228	ZSN228		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSN438	ZSN438		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSN608	ZSN608		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
ZSNB230	ZSNB230 (back-up)		\$ -	\$ 0.0006					\$ 0.0079		\$ 0.0079						
Sub Transmission Annual Agreed kVA Demand (locational)																	
STN018	VSTN018		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STN084	VSTN084		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STN161	VSTN161		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STN162	VSTN162		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STN378	VSTN378		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STN557	VSTN557		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STN609	VSTN609		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STN788	VSTN788		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STN840	VSTN840		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STNB164	VSTNB164 (back-up)		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						
STNB796	VSTNB796 (back-up)		\$ -	\$ 0.0002					\$ 0.0016		\$ 0.0016						

## Notes accompanying 2016/17 Tariffs

### Notes:

1. Network tariffs are determined on a GST exclusive basis. GST is added to the distribution tariffs.
2. SA Power Networks must assign each Distribution Network User to a distribution tariff in respect of each of its connection points in accordance with the following principles.

#### Use of Cost-Reflective Tariffs (demand based)

- i. A Distribution Network User that connected to or altered the supply arrangements with the Distribution Network from 1 July 2010 and requiring more than 100 amps (70 kVA) supply must be assigned to a distribution network tariff that includes a demand component in respect of that connection point.
- ii. A Distribution Network User connected to the Distribution Network that has a maximum demand of 250 kVA or more in respect of a connection point, must be assigned to a distribution tariff that includes a demand component in respect of that connection point.
- iii. From 1 July 2015, a Distribution Network User connected to the Distribution Network that would qualify as a large customer (annual usage of 160 MWh or more) must be assigned to a distribution network tariff that includes a demand component in respect of that connection point. If the customer has a Type 6 meter, then a transition business single-rate or transition business 2-rate tariff must be used until a Type 1-5 meter is installed.
- iv. A new Distribution Network User connecting or an existing Distribution Network User altering the supply arrangements to the Distribution Network from 1 July 2015 and requiring multi-phase supply must be assigned to a distribution network tariff that includes a demand component in respect of that connection point. A Type 1-5 meter is required at such sites. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. Installation of a Type 1-5 meter by itself is not an alteration to supply, but installation of an inverter, eg for Solar PV Equipment or Battery Storage, is an alteration to supply.

#### Specific Tariff Requirements

- a. A Sub-Transmission (kVA) Demand customer is a Distribution Network User taking supply at 66 kV, or at 33 kV outside of the Adelaide Metropolitan area. A minimum anytime maximum demand of 5 MVA applies to the agreed demand tariff. A NEM compliant Type 1-4 interval meter is required with the ability to measure both active and reactive power. Customers should note that they have the right to exercise choice regarding their Type 1-4 meter metering service provider. Customers using more than 10 MW and/or 40 GWh pa are required to have a locationally determined transmission price. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.
- b. A Zone Substation (kVA) Demand customer is a Distribution Network User taking supply generally at 11kV from the low voltage transformer terminals. Supply may also be taken at lower voltages that exceed 1 kV. A minimum anytime maximum demand of 5 MVA applies to the agreed demand tariff. A NEM compliant Type 1-4 interval meter is required with the ability to measure both active and reactive power. Customers should note that they have the right to



- exercise choice regarding their Type 1-4 meter metering service provider. Customers using more than 10 MW and/or 40 GWh pa are required to have a locationally determined transmission price. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.
- c. A High Voltage (kVA) Demand customer is a Distribution Network User taking supply generally at 11 kV. Supply may also be taken at lower voltages that exceed 1 kV or at 33 kV in metropolitan Adelaide.. A NEM compliant Type 1-4 interval meter is required with the ability to measure both active and reactive power. Customers should note that they have the right to exercise choice regarding their Type 1-4 meter metering service provider. The customer may elect to use the HV agreed demand tariff, the HV actual demand tariff or the HV <400 kVA agreed demand tariff. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.
  - d. A High Voltage Sports Ground (kVA) Demand customer is a Distribution Network User taking supply generally at 11 kV that utilises a significant quantity of sportsground floodlighting. Supply may also be taken at lower voltages that exceed 1 kV or at 33 kV in metropolitan Adelaide. The time periods when the demand is measured are set out in 4 (c) below. A NEM compliant Type 1-4 interval meter is required with the ability to measure both active and reactive power. Customers should note that they have the right to exercise choice regarding their Type 1-4 meter metering service provider. The customer may elect to use the tariff options available under 4 (g) above. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.
  - e. A Low Voltage (kVA) Demand customer is a Distribution Network User generally taking supply at less than 1 kV and generally from the low voltage distribution transformer terminals.. A NEM compliant Type 1-5 interval meter is required with the ability to measure both active and reactive power. The customer may elect to use the LV agreed demand tariff, the LV actual demand tariff or, if SA Power networks has assigned the customer to it, the LV transition actual demand tariff. These tariffs are typically invoiced monthly. Customers with Type 5 meters using the actual demand tariff options may elect to use quarterly billing. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. The actual demand is levied on a 'per day' basis rather than a 'per month' basis, but the actual demand is always measured as the maximum since the previous meter reading (for Type 1-4 meters, a calendar month read is assumed). Note that the LV Agreed demand Charge is no longer an optional tariff for small customers from July 2016, although existing small customers using the tariff at June 2016 can continue to do so. A small business customer required to use these tariffs under clause 2 (iv) can choose to use the transition actual demand tariff.
  - f. A Low Voltage Sports Ground (kVA) Agreed Demand customer is a Distribution Network User generally taking supply generally at less than 1 kV with a kVA demand and generally from the low voltage distribution transformer terminals that utilises a significant quantity of sportsground floodlighting. The time periods when the demand is measured are set out in 4 (c) below. A NEM compliant Type 1-5 interval meter is required with the ability to measure both active and reactive power. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. The customer may elect to use the tariff options available under 4 (i) above. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.



- g. A Low Voltage Business 2 rate customer is a Distribution Network User that is not a residential customer generally taking supply at less than 1 kV and using peak and off-peak network charges. The User utilises a Type 1-6 NEM compliant meter. Where a Type 1-5 meter is utilised, the meter must have the ability to measure both active and reactive power. Peak consumption is charged at a flat rate as is Off Peak consumption. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. This tariff is not available to Distribution Network Users required to use a demand based tariff (see 2 (a) to 2 (d)) although a separate transition business 2-rate tariff is available for large customers with Type 6 metering. This tariff is invoiced monthly or quarterly.
- h. A Low Voltage Business single rate customer is a Distribution Network User that is not a residential customer generally taking supply at less than 1 kV. Consumption was charged at two blocks of consumption, but these two blocks now have the same price, as detailed in the Tariff Schedule. The tariff will become a single block over 2016/17. The User utilises a Type 1-6 NEM compliant meter. Where a Type 1-5 meter is utilised, the meter must have the ability to measure both active and reactive power. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. This tariff is available only to Distribution Network Users that were taking supply under this tariff as at 30 June 2010 and where the customer's supply arrangements have not altered. This tariff is not available to Distribution Network Users required to use a demand based tariff (see 2 (a) to 2 (d)) although a separate transition business single-rate tariff is available for large customers with Type 6 metering. This tariff is invoiced monthly or quarterly.
- i. A Low Voltage Residential single rate customer is a Distribution Network User that is a residential customer taking supply at less than 1 kV. Consumption is charged at two blocks of consumption and is detailed in the Tariff Schedule. The User utilises a Type 1-6 NEM compliant meter. Where a Type 1-5 meter is utilised, the meter must have the ability to measure both active and reactive power. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. This tariff is invoiced monthly or quarterly.
- j. A Low Voltage Residential monthly demand customer is a Distribution Network User that is a residential customer taking supply at less than 1 kV. Consumption is charged at a flat rate. A charge also applies for the maximum demand each month with different prices applying in the peak summer months (November to March) and the shoulder winter months (April to October), as detailed in the Tariff Schedule. The time period when the monthly peak demand is measured is between 1600 and 2100 local SA time. The User utilises a Type 1-5 NEM compliant meter read monthly. Customers with Type 5 meters using the actual demand tariff options may elect to use quarterly billing. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. The actual demand is levied on a 'per day' basis rather than a 'per month' basis, but the actual demand is always measured as the maximum since the previous meter reading (for Type 1-4 meters, a calendar month read is assumed). Note that this is an optional tariff and is invoiced either monthly or quarterly. A customer may elect to switch to another tariff after 12 months on this tariff.
- k. A Low Voltage Controlled Load is used by a Distribution Network User for permanently installed storage water heaters with a rated delivery of not less than 125 litres, storage space heaters and other approved applications involving a time switch and separate metering where the timing

has been set in accordance with SA Power Networks' requirements regarding the timing of loads. Hard-wired electric vehicle chargers not exceeding 25 amps are also an approved application. Consumption is charged at a flat rate. This tariff is available only to Distribution Network Users that were taking supply under the Controlled Load tariff as at 30 June 2003, or are utilising a business single or residential tariff at the NMI in conjunction with the controlled load. This tariff is invoiced at the same frequency as other tariffs used by the Distribution Network User at that NMI. Customers may apply to SA Power Networks and pay a fee to have the time switches amended to include use under this tariff during 1000 and 1500 Central Standard Time.

- l. Unmetered Overnight Usage supply is defined as overnight use by a Distribution Network User for public lighting. These tariffs are generally invoiced monthly, unless otherwise agreed by SA Power Networks.
    - m. Unmetered 24 Hour Usage supply is defined as constant 24 hour per day use by a Distribution Network User, typically public phones, traffic lights and telecommunications installations. These tariffs are generally invoiced monthly, unless otherwise agreed by SA Power Networks.
3. The supply and demand charges are levied and billed to Distribution Network Users periodically on a pro-rata basis.
4. Agreed Demand charges for business customers are determined on the basis of the maximum half-hour trading interval for:
  - a. Agreed Maximum Demand (Annual Peak Demand) on workdays between 1200 and 2100 CDST during November to March only;
  - b. Agreed additional maximum demand (Additional Demand), as the difference between the customer's anytime maximum demand and the agreed maximum demand;
  - c. For business customers on the Sports Ground demand kVA tariff, the Agreed Peak Demand shall be determined on work days between 1200 and 1900 CDST during December to February only. Additional Demand shall be determined using all other times of the year.
5. Actual Demand charges for business customers are determined on the basis of the maximum half-hour trading interval since the last meter read (Type 1-4 meters are assumed to be read each calendar month) for:
  - a. Summer Peak Demand on work days between 1600 and 2100 CDST during November to March only;
  - b. Year-round Shoulder Demand on work days between 1200 and 1600 CST or (when operating) CDST);
  - c. Off-peak Demand at all other times (the price is zero for actual off-peak demand).
6. Actual Demand charges for residential customers are determined on the basis of the maximum half-hour trading interval since the last meter read (Type 1-4 meters are assumed to be read each calendar month) for:
  - a. Summer Peak Demand on all days between 1600 and 2100 CDST during November to March only;

- b. Winter Shoulder Demand on all days between 1600 and 2100 CST or (when operating) CDST);
  - c. Off-peak Demand at all other times (the price is zero for actual off-peak demand).
6. Peak energy is energy consumed on business days between the hours of 0700 and 2100 Central Standard Time. Type 6 meters typically measure this for week days whereas Type 1-5 meters will measure this in on work days. For Distribution Network Users with Type 6 metering that does not recognize specific days, peak energy is energy consumed on each day between the hours of 0700 and 2100 (Central Standard Time).
  7. Off-peak energy is energy consumed other than peak energy.
  8. For monthly energy blocks still in use in 2015/16,
    - a. 333.3 kWh/mth approximates 4,000 kWh per annum (residential tariffs); and
    - b. 833.3 kWh/mth approximates 10,000 kWh per annum (business single-rate tariffs).
  9. The Alternative Control metering charges have been included in the tariff schedule. Specific charges are made for each customer according to the type of meter used and whether capital and/or non-capital charges apply. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider.

In previous years, we have bundled the alternative control metering charges in with the standard control tariffs. In 2015/16 and 2016/17, the metering charges are unbundled.

If a customer is using another meter provider's meter, then the non-capital charges will not apply. If that customer was using a regulated meter at 30 June 2015 then the capital charges still apply. If that customer was not using a regulated meter at 30 June 2015 then the capital charges will not apply.

For customers who connect to SA Power Networks from 1 July 2015 and elect to use an SA Power network's type 5,6 meter, an ongoing non-capital charge will apply as well as the upfront capital payment (see tariff schedule). Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider.

Capital charges continue to apply to customers using Type 5,6 WC and CT meters and to Type 1-4 Exceptional meters where customers elect to switch to another meter type and/or meter provider from 1 July 2015. Under the AER's Final Decision these charges continue to June 2020.

10. The Agreed Demand Tariffs have previously been specified in this tariff schedule as having the agreed kVA demand amount applied on a per month basis. These tariffs are applied on a per day basis, so the charge shown in this year's tariff schedule comprises the amount determined by allowing for 12 months and 365 days in the year, ie the daily amount will be 12 / 366 times the monthly amount.

**SA Power Networks Network Tariffs - Alternative Control Metering Services**

APPLIES TO USAGE FROM 1 JULY 2016

**Upfront capital charges for metering 2015/16 (excludes GST)**

2015/16 prices	Type 5	Type 6
Single element meter	\$195.74	\$111.65
Two element meter	\$281.17	\$281.15
Three phase meter	\$482.42	\$331.81

**Annual Metering Charges on a per day basis (excludes GST) \$/day**

Metering Traiff	Non-capital only	Capital Only	Non-Capital and Capital	No Metering Charge
Type 1-4 'Exceptional' remotely read	\$0.5073	\$0.5913	\$1.0986	\$0.0000
Type 5-6 CT connected manually read	\$0.2761	\$0.3219	\$0.5980	\$0.0000
Type 5-6 WC manually read	\$0.0337	\$0.0393	\$0.0730	\$0.0000

For all other relevant fees, refer to the SA Power Networks' Tariff Manual

## 8.1 Back-up Supply Tariffs

These tariffs are only available for sites with more than one National Market Meter Identifier where the second NMI is for a back up supply to the site on a stepped demand tariff. Typically these sites are customers with greater than 4MVA demands and for critical infrastructure; eg Water assets, Hospitals, telecommunications sites or data centre's. These tariffs recognise that the primary NMI demand charges are contributing to the transmission costs for the site. The back up NMI's are charging for the demand at the Distribution Use of System charge and the energy component of the tariff is equal to the primary NMI tariff rates.

## 9. TARIFF MAPPING

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
B2R	15 Business 2 Rate	Supply Charge		0.3012
B2R	15 Business 2 Rate	Peak Usage		0.1584
B2R	15 Business 2 Rate	Off Peak Usage		0.0711
B2R	15 Business 2 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
B2R	15 Business 2 Rate	Meter Reading Charge	No Charge	0
B2R	15 Business 2 Rate	Metering Charges	Meter Supplied Type 1-4	0
B2R	15 Business 2 Rate	Metering Charges	Meter Supplied Type 5-6	0.0337
B2R	15 Business 2 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
B2R	15 Business 2 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
B2R	15 Business 2 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
B2R	15 Business 2 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2R124HI	HV Bus 2 Rate	Supply Charge		0.3012
B2R124HI	HV Bus 2 Rate	Peak Usage		0.1901
B2R124HI	HV Bus 2 Rate	Off Peak Usage		0.0854
B2R124HI	HV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
B2R124HI	HV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
B2R124HI	HV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2R124HI	HV Bus 2 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
B2R124HI	HV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
B2R124HI	HV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Supply Charge		0.3012
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Peak Usage		0.1584
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Off Peak Usage		0.0711
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Metering Charges	Meter Not Supplied Type 1-4	0
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Metering Charges	Meter Not Supplied Type 5-6	0
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Metering Charges	Meter Supplied Type 1-4	1.7917
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Metering Charges	Meter Supplied Type 5-6	0.073
B2R124I	LV Bus 2 Rate Type 1 to 4 Meter	Metering Charges	Meter Supplied Type 5-6 CT	0.598
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Supply Charge		0.3012
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Peak Usage		0.1584
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Off Peak Usage		0.0711
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Controlled Anytime Usage		0.0539
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
B2R124OPCI	LV Bus 2 Rate 1 to 4 Meter & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
B2RI	15 Business 2 Rate	Supply Charge		0.3012
B2RI	15 Business 2 Rate	Peak Usage		0.1584
B2RI	15 Business 2 Rate	Off Peak Usage		0.0711
B2RI	15 Business 2 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
B2RI	15 Business 2 Rate	Meter Reading Charge	No Charge	0
B2RI	15 Business 2 Rate	Metering Charges	Meter Supplied Type 5-6	0.0337

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
B2RI	15 Business 2 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
B2RI	15 Business 2 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
B2RI	15 Business 2 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2RI	15 Business 2 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
B2RI	15 Business 2 Rate	Metering Charges	Meter Not Supplied Type 1-4	0.0393
B2RI	15 Business 2 Rate	Metering Charges	Manual No Charge	0
B2ROPCL	15 Business 2 Rate & Cntl Load	Supply Charge		0.3012
B2ROPCL	15 Business 2 Rate & Cntl Load	Peak Usage		0.1584
B2ROPCL	15 Business 2 Rate & Cntl Load	Off Peak Usage		0.0711
B2ROPCL	15 Business 2 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
B2ROPCL	15 Business 2 Rate & Cntl Load	Meter Reading Charge	No Charge	0
B2ROPCL	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	0
B2ROPCL	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.0337
B2ROPCL	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
B2ROPCL	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
B2ROPCL	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
B2ROPCL	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2ROPCL	15 Business 2 Rate & Cntl Load	Off Peak Usage		0.0539
B2ROPCLI	15 Business 2 Rate & Cntl Load	Supply Charge		0.3012
B2ROPCLI	15 Business 2 Rate & Cntl Load	Peak Usage		0.1584
B2ROPCLI	15 Business 2 Rate & Cntl Load	Off Peak Usage		0.0711
B2ROPCLI	15 Business 2 Rate & Cntl Load	Off Peak Usage		0.0539
B2ROPCLI	15 Business 2 Rate & Cntl Load	Meter Reading Charge	No Charge	0
B2ROPCLI	15 Business 2 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
B2ROPCLI	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.0337
B2ROPCLI	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
B2ROPCLI	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
B2ROPCLI	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2ROPCLI	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
B2ROPCLI	15 Business 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0.0393
B2ROPCLI	15 Business 2 Rate & Cntl Load	Metering Charges	Manual No Charge	0
B2RT	15 Business 2 Rate (Transition)	Supply Charge		0.3012
B2RT	15 Business 2 Rate (Transition)	Peak Usage		0.1901
B2RT	15 Business 2 Rate (Transition)	Off Peak Usage		0.0854
B2RT	15 Business 2 Rate (Transition)	Meter Reading Charge	Monthly Type 5-6	0.132057
B2RT	15 Business 2 Rate (Transition)	Meter Reading Charge	No Charge	0
B2RT	15 Business 2 Rate (Transition)	Metering Charges	Meter Not Supplied Type 1-4	0
B2RT	15 Business 2 Rate (Transition)	Metering Charges	Meter Not Supplied Type 5-6	0
B2RT	15 Business 2 Rate (Transition)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2RT	15 Business 2 Rate (Transition)	Metering Charges	Meter Supplied Type 1-4	0
B2RT	15 Business 2 Rate (Transition)	Metering Charges	Meter Supplied Type 5-6	0.0337
B2RT	15 Business 2 Rate (Transition)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Supply Charge		0.3012
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Peak Usage		0.1901
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Off Peak Usage		0.0854
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Off Peak Usage		0.0539
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Meter Reading Charge	Monthly Type 5-6	0.132057



CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Meter Reading Charge	No Charge	0
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Metering Charges	Meter Not Supplied Type 1-4	0
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Metering Charges	Meter Not Supplied Type 5-6	0
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Metering Charges	Meter Supplied Type 1-4	0
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Metering Charges	Meter Supplied Type 5-6	0.0337
B2RTOPCL	15 Business 2 Rate & Cntl Load (Trans)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
BDI	15 Business Demand	Supply Charge		0
BDI	15 Business Demand	Peak Demand		0.4911
BDI	15 Business Demand	Shoulder Demand		0.2436
BDI	15 Business Demand	Additional Demand		0
BDI	15 Business Demand	Peak Usage		0.0505
BDI	15 Business Demand	Supply Charge		0
BDI	15 Business Demand	Peak Demand		0
BDI	15 Business Demand	Shoulder Demand		0.2436
BDI	15 Business Demand	Additional Demand		0
BDI	15 Business Demand	Peak Usage		0.0505
BDI	15 Business Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
BDI	15 Business Demand	Meter Reading Charge	No Charge	0
BDI	15 Business Demand	Metering Charges	Meter Supplied Type 5-6	0.0337
BDI	15 Business Demand	Metering Charges	Meter Not Supplied Type 5-6	0
BDI	15 Business Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
BDI	15 Business Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BDI	15 Business Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
BDI	15 Business Demand	Metering Charges	Meter Not Supplied Type 1-4	0
BDI	15 Business Demand	Metering Charges	Manual No Charge	0
BDI	15 Business Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
BDI	15 Business Demand	Meter Reading Charge	No Charge	0
BDI	15 Business Demand	Metering Charges	Meter Supplied Type 5-6	0.0337
BDI	15 Business Demand	Metering Charges	Meter Not Supplied Type 5-6	0
BDI	15 Business Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
BDI	15 Business Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BDI	15 Business Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
BDI	15 Business Demand	Metering Charges	Meter Not Supplied Type 1-4	0
BDI	15 Business Demand	Metering Charges	Manual No Charge	0
BDTI	15 Business Demand (Transition)	Supply Charge		0.1506
BDTI	15 Business Demand (Transition)	Peak Demand		0.2457
BDTI	15 Business Demand (Transition)	Shoulder Demand		0.122
BDTI	15 Business Demand (Transition)	Additional Demand		0
BDTI	15 Business Demand (Transition)	Peak Usage		0.1046
BDTI	15 Business Demand (Transition)	Supply Charge		0.1506
BDTI	15 Business Demand (Transition)	Peak Demand		0
BDTI	15 Business Demand (Transition)	Shoulder Demand		0.122
BDTI	15 Business Demand (Transition)	Additional Demand		0
BDTI	15 Business Demand (Transition)	Peak Usage		0.1046
BDTI	15 Business Demand (Transition)	Meter Reading Charge	Monthly Type 5-6	0.132057
BDTI	15 Business Demand (Transition)	Meter Reading Charge	No Charge	0



CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Supplied Type 5-6	0.0337
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 5-6	0
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Supplied Type 1-4	1.7917
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 1-4	0
BDTI	15 Business Demand (Transition)	Metering Charges	Manual No Charge	0
BDTI	15 Business Demand (Transition)	Meter Reading Charge	Monthly Type 5-6	0.132057
BDTI	15 Business Demand (Transition)	Meter Reading Charge	No Charge	0
BDTI	15 Business Demand (Transition)	Off Peak Usage		0.0609
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Supplied Type 5-6	0.0337
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 5-6	0
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Supplied Type 1-4	1.7917
BDTI	15 Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 1-4	0
BDTI	15 Business Demand (Transition)	Metering Charges	Manual No Charge	0
BDTI	15 Business Demand (Transition)	Off Peak Usage		0.0609
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Supply Charge		0.3012
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Anytime Usage		0.1342
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Anytime Usage		0.1342
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Metering Charges	Meter Not Supplied Type 1-4	0
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Metering Charges	Meter Not Supplied Type 5-6	0
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Metering Charges	Meter Supplied Type 1-4	1.7917
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Metering Charges	Meter Supplied Type 5-6 CT	0.598
BSR124I	LV Bus 1 Rate Type 1 to 4 Meter	Metering Charges	Meter Supplied Type 5-6	0.073
BSRI	15 Business 1 Rate	Supply Charge		0.3012
BSRI	15 Business 1 Rate	Peak Usage		0.1342
BSRI	15 Business 1 Rate	Peak Usage		0.1342
BSRI	15 Business 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
BSRI	15 Business 1 Rate	Meter Reading Charge	No Charge	0
BSRI	15 Business 1 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
BSRI	15 Business 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.0337
BSRI	15 Business 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
BSRI	15 Business 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0.0393
BSRI	15 Business 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
BSRI	15 Business 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BSROPCLI	15 Business 1 Rate & Cntl Load	Supply Charge		0.3012
BSROPCLI	15 Business 1 Rate & Cntl Load	Peak Usage		0.1342
BSROPCLI	15 Business 1 Rate & Cntl Load	Peak Usage		0.1342
BSROPCLI	15 Business 1 Rate & Cntl Load	Off Peak Usage		0.0539
BSROPCLI	15 Business 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
BSROPCLI	15 Business 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
BSROPCLI	15 Business 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
BSROPCLI	15 Business 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.0337
BSROPCLI	15 Business 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.2761

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
BSROPCLI	15 Business 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0.0393
BSROPCLI	15 Business 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
BSROPCLI	15 Business 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BSRT	15 Business 1 Rate (Transition)	Supply Charge		0.3012
BSRT	15 Business 1 Rate (Transition)	Peak Usage		0.161
BSRT	15 Business 1 Rate (Transition)	Peak Usage		0.161
BSRT	15 Business 1 Rate (Transition)	Meter Reading Charge	Monthly Type 5-6	0.132057
BSRT	15 Business 1 Rate (Transition)	Meter Reading Charge	No Charge	0
BSRT	15 Business 1 Rate (Transition)	Metering Charges	Meter Not Supplied Type 1-4	0
BSRT	15 Business 1 Rate (Transition)	Metering Charges	Meter Not Supplied Type 5-6	0
BSRT	15 Business 1 Rate (Transition)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BSRT	15 Business 1 Rate (Transition)	Metering Charges	Meter Supplied Type 1-4	0
BSRT	15 Business 1 Rate (Transition)	Metering Charges	Meter Supplied Type 5-6	0.0337
BSRT	15 Business 1 Rate (Transition)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Supply Charge		0.3012
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Peak Usage		0.161
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Peak Usage		0.161
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Off Peak Usage		0.0539
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Meter Reading Charge	Monthly Type 5-6	0.132057
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Meter Reading Charge	No Charge	0
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Metering Charges	Meter Supplied Type 5-6	0.0337
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Metering Charges	Meter Not Supplied Type 5-6	0
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Metering Charges	Meter Supplied Type 1-4	0
BSRTOPL	15 Business 1 Rate & Cntl Load (Trans)	Metering Charges	Meter Not Supplied Type 1-4	0
GEN2016	15 GEN2016 - PV Rebate 45kwh Step 2016	GENR2016		-0.16
GEN2016	15 GEN2016 - PV Rebate 45kwh Step 2016	GENR2016		0
GEN2016I	15 GEN2016 - PV Rebate 45kwh Step 2016	GENR2016		-0.16
GEN2016I	15 GEN2016 - PV Rebate 45kwh Step 2016	GENR2016		0
GEN2028	15 GEN2028 - Photo Voltaic Rebate	GENR2028		-0.44
GEN2028I	15 GEN2028 - Photo Voltaic Rebate	GENR2028I		-0.44
GEN2028S	15 GEN2028S - PV Rebate 45kwh Step 2028	GENR2028S		-0.44
GEN2028S	15 GEN2028S - PV Rebate 45kwh Step 2028	GENR2028S		0
GEN2028SI	15 GEN2028S - PV Rebate 45kwh Step 2028	GENR2028S		-0.44
GEN2028SI	15 GEN2028S - PV Rebate 45kwh Step 2028	GENR2028S		0
GENR2016	GENR2016 - PV Rebate 45kwh Step 2016	GENR2016		-0.16
GENR2016	GENR2016 - PV Rebate 45kwh Step 2016	GENR2016		0
GENR2016I	GENR2016I - PV Rebate 45 kwh Step 2016	GENR2016I		-0.16
GENR2016I	GENR2016I - PV Rebate 45 kwh Step 2016	GENR2016I		0
GENR2028	GENR2028 - Photo Voltaic Rebate	GENR2028		-0.44
GENR2028I	GENR2028I - Photo Voltaic Rebate	GENR2028I		-0.44
GENR2028S	GENR2028S - PV Rebate 45kwh Step 2028	GENR2028S		-0.44
GENR2028S	GENR2028S - PV Rebate 45kwh Step 2028	GENR2028S		0
GENR2028SI	GENR2028SI - PV Rebate 45 kwh Step 2028	GENR2028SI		-0.44
GENR2028SI	GENR2028SI - PV Rebate 45 kwh Step 2028	GENR2028SI		0
GENRI	Solar Co Gen	Peak Usage		-0.44

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
HBDI	15 High Voltage Business Demand	Supply Charge		0
HBDI	15 High Voltage Business Demand	Supply Charge		0
HBDI	15 High Voltage Business Demand	Peak Demand		0.4911
HBDI	15 High Voltage Business Demand	Shoulder Demand		0.2436
HBDI	15 High Voltage Business Demand	Additional Demand		0
HBDI	15 High Voltage Business Demand	Peak Usage		0.0505
HBDI	15 High Voltage Business Demand	Peak Demand		0
HBDI	15 High Voltage Business Demand	Shoulder Demand		0.2436
HBDI	15 High Voltage Business Demand	Additional Demand		0
HBDI	15 High Voltage Business Demand	Peak Usage		0.0505
HBDI	15 High Voltage Business Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
HBDI	15 High Voltage Business Demand	Meter Reading Charge	No Charge	0
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Supplied Type 5-6	0.0337
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Not Supplied Type 5-6	0
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Not Supplied Type 1-4	0
HBDI	15 High Voltage Business Demand	Metering Charges	Manual No Charge	0
HBDI	15 High Voltage Business Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
HBDI	15 High Voltage Business Demand	Meter Reading Charge	No Charge	0
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Supplied Type 5-6	0.0337
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Not Supplied Type 5-6	0
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
HBDI	15 High Voltage Business Demand	Metering Charges	Meter Not Supplied Type 1-4	0
HBDI	15 High Voltage Business Demand	Metering Charges	Manual No Charge	0
HV400I	15 High Voltage Demand < 400kVA	Supply Charge		11.1338
HV400I	15 High Voltage Demand < 400kVA	Peak Demand		0.3189
HV400I	15 High Voltage Demand < 400kVA	Additional Demand		0.1282
HV400I	15 High Voltage Demand < 400kVA	Peak Usage		0.0307
HV400I	15 High Voltage Demand < 400kVA	Meter Reading Charge	Monthly Type 5-6	0.132057
HV400I	15 High Voltage Demand < 400kVA	Meter Reading Charge	No Charge	0
HV400I	15 High Voltage Demand < 400kVA	Metering Charges	Meter Supplied Type 5-6	0.0337
HV400I	15 High Voltage Demand < 400kVA	Metering Charges	Meter Not Supplied Type 5-6	0
HV400I	15 High Voltage Demand < 400kVA	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
HV400I	15 High Voltage Demand < 400kVA	Metering Charges	Meter Not Supplied Type 5-6 CT	0
HV400I	15 High Voltage Demand < 400kVA	Metering Charges	Meter Supplied Type 1-4	1.7917
HV400I	15 High Voltage Demand < 400kVA	Metering Charges	Meter Not Supplied Type 1-4	0
HV400I	15 High Voltage Demand < 400kVA	Metering Charges	Manual No Charge	0
HV658I	NMI 2002108658 High Voltage	Supply Charge		0
HV658I	NMI 2002108658 High Voltage	Peak Usage		0.0153
HV658I	NMI 2002108658 High Voltage	Off Peak Usage		0.0153
HV658I	NMI 2002108658 High Voltage	Peak Demand		0.1285
HV658I	NMI 2002108658 High Voltage	Additional Demand		0.1095
HV658I	NMI 2002108658 High Voltage	Metering Charges	Meter Not Supplied Type 1-4	0

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
HV658I	NMI 2002108658 High Voltage	Metering Charges	Meter Not Supplied Type 5-6	0
HV658I	NMI 2002108658 High Voltage	Metering Charges	Meter Not Supplied Type 5-6 CT	0
HV658I	NMI 2002108658 High Voltage	Metering Charges	Manual No Charge	0
HV658I	NMI 2002108658 High Voltage	Metering Charges	Meter Supplied Type 1-4	1.7917
HV658I	NMI 2002108658 High Voltage	Metering Charges	Meter Supplied Type 5-6	0.073
HV658I	NMI 2002108658 High Voltage	Metering Charges	Meter Supplied Type 5-6 CT	0.598
HVBI	15 High Voltage Demand/Backup Feeder	Supply Charge		0
HVBI	15 High Voltage Demand/Backup Feeder	Peak Demand		0.119
HVBI	15 High Voltage Demand/Backup Feeder	Additional Demand		0.119
HVBI	15 High Voltage Demand/Backup Feeder	Peak Usage		0.0243
HVBI	15 High Voltage Demand/Backup Feeder	Meter Reading Charge	Monthly Type 5-6	0.132057
HVBI	15 High Voltage Demand/Backup Feeder	Meter Reading Charge	No Charge	0
HVBI	15 High Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 5-6	0.0337
HVBI	15 High Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 5-6	0
HVBI	15 High Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
HVBI	15 High Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 5-6 CT	0
HVBI	15 High Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 1-4	1.7917
HVBI	15 High Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 1-4	0
HVBI	15 High Voltage Demand/Backup Feeder	Metering Charges	Manual No Charge	0
HVI	15 High Voltage Demand (KVA)	Supply Charge		80.4111
HVI	15 High Voltage Demand (KVA)	Peak Demand		0.2321
HVI	15 High Voltage Demand (KVA)	Additional Demand		0.119
HVI	15 High Voltage Demand (KVA)	Peak Usage		0.0243
HVI	15 High Voltage Demand (KVA)	Meter Reading Charge	Monthly Type 5-6	0.132057
HVI	15 High Voltage Demand (KVA)	Meter Reading Charge	No Charge	0
HVI	15 High Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 5-6	0.0337
HVI	15 High Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6	0
HVI	15 High Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
HVI	15 High Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
HVI	15 High Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 1-4	1.7917
HVI	15 High Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 1-4	0
HVI	15 High Voltage Demand (KVA)	Metering Charges	Manual No Charge	0
LVBI	15 Low Voltage Demand/Backup Feeder	Supply Charge		11.1338
LVBI	15 Low Voltage Demand/Backup Feeder	Peak Demand		0.1282
LVBI	15 Low Voltage Demand/Backup Feeder	Peak Demand		0.1282
LVBI	15 Low Voltage Demand/Backup Feeder	Additional Demand		0.1282
LVBI	15 Low Voltage Demand/Backup Feeder	Peak Usage		0.0307
LVBI	15 Low Voltage Demand/Backup Feeder	Meter Reading Charge	No Charge	0
LVBI	15 Low Voltage Demand/Backup Feeder	Meter Reading Charge	Monthly Type 5-6	0.132057
LVBI	15 Low Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 5-6	0.0337
LVBI	15 Low Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 5-6	0
LVBI	15 Low Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
LVBI	15 Low Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 5-6 CT	0
LVBI	15 Low Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 1-4	1.7917
LVBI	15 Low Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 1-4	0
LVBI	15 Low Voltage Demand/Backup Feeder	Metering Charges	Manual No Charge	0
LVI	15 Low Voltage Demand (KVA)	Supply Charge		11.1338

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
LVI	15 Low Voltage Demand (KVA)	Peak Demand		0.3189
LVI	15 Low Voltage Demand (KVA)	Peak Demand		0.2627
LVI	15 Low Voltage Demand (KVA)	Additional Demand		0.1282
LVI	15 Low Voltage Demand (KVA)	Peak Usage		0.0307
LVI	15 Low Voltage Demand (KVA)	Meter Reading Charge	Monthly Type 5-6	0.132057
LVI	15 Low Voltage Demand (KVA)	Meter Reading Charge	No Charge	0
LVI	15 Low Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 5-6	0.0337
LVI	15 Low Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6	0
LVI	15 Low Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
LVI	15 Low Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
LVI	15 Low Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 1-4	1.7917
LVI	15 Low Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 1-4	0
LVI	15 Low Voltage Demand (KVA)	Metering Charges	Manual No Charge	0
LVSGI	15 Low Voltage Sportsground Demand kVa	Supply Charge		11.1338
LVSGI	15 Low Voltage Sportsground Demand kVa	Peak Demand		0.3189
LVSGI	15 Low Voltage Sportsground Demand kVa	Peak Demand		0.2627
LVSGI	15 Low Voltage Sportsground Demand kVa	Additional Demand		0.1282
LVSGI	15 Low Voltage Sportsground Demand kVa	Peak Usage		0.0307
LVSGI	15 Low Voltage Sportsground Demand kVa	Meter Reading Charge	Monthly Type 5-6	0.132057
LVSGI	15 Low Voltage Sportsground Demand kVa	Meter Reading Charge	No Charge	0
LVSGI	15 Low Voltage Sportsground Demand kVa	Metering Charges	Meter Supplied Type 5-6	0.0337
LVSGI	15 Low Voltage Sportsground Demand kVa	Metering Charges	Meter Not Supplied Type 5-6	0
LVSGI	15 Low Voltage Sportsground Demand kVa	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
LVSGI	15 Low Voltage Sportsground Demand kVa	Metering Charges	Meter Not Supplied Type 5-6 CT	0
LVSGI	15 Low Voltage Sportsground Demand kVa	Metering Charges	Meter Supplied Type 1-4	1.7917
LVSGI	15 Low Voltage Sportsground Demand kVa	Metering Charges	Meter Not Supplied Type 1-4	0
LVSGI	15 Low Voltage Sportsground Demand kVa	Metering Charges	Manual No Charge	0
LVUU24I	Low Voltage Unmetered (24 Hour Usage)	Anytime Usage		0.0687
LVUUI	Low Voltage Unmetered (Overnight Usage)	Anytime Usage		0.0687
MB2R	Monthly LV Bus 2 Rate	Supply Charge		0.3012
MB2R	Monthly LV Bus 2 Rate	Meter Reading Charge	No Charge	0
MB2R	Monthly LV Bus 2 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
MB2R	Monthly LV Bus 2 Rate	Peak Usage		0.1584
MB2R	Monthly LV Bus 2 Rate	Off Peak Usage		0.0711
MB2R	Monthly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
MB2R	Monthly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
MB2R	Monthly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MB2R	Monthly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 1-4	0
MB2R	Monthly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MB2R	Monthly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
MB2RI	Monthly LV Bus 2 Rate	Supply Charge		0.3012
MB2RI	Monthly LV Bus 2 Rate	Meter Reading Charge	No Charge	0
MB2RI	Monthly LV Bus 2 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
MB2RI	Monthly LV Bus 2 Rate	Peak Usage		0.1584
MB2RI	Monthly LV Bus 2 Rate	Off Peak Usage		0.0711
MB2RI	Monthly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
MB2RI	Monthly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6	0

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
MB2RI	Monthly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MB2RI	Monthly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
MB2RI	Monthly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MB2RI	Monthly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Supply Charge		0.3012
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Meter Reading Charge	No Charge	0
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Peak Usage		0.1584
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Off Peak Usage		0.0711
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Controlled Anytime Usage		0.0539
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	0
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MB2ROPCL	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Supply Charge		0.3012
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Meter Reading Charge	No Charge	0
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Peak Usage		0.1584
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Off Peak Usage		0.0711
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Controlled Anytime Usage		0.0539
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MB2ROPCLI	Monthly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MBSR	Monthly LV Bus 1 Rate	Supply Charge		0.3012
MBSR	Monthly LV Bus 1 Rate	Meter Reading Charge	No Charge	0
MBSR	Monthly LV Bus 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
MBSR	Monthly LV Bus 1 Rate	Anytime Usage		0.1342
MBSR	Monthly LV Bus 1 Rate	Anytime Usage		0.1342
MBSR	Monthly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
MBSR	Monthly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
MBSR	Monthly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MBSR	Monthly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 1-4	0
MBSR	Monthly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MBSR	Monthly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
MBSRI	Monthly LV Bus 1 Rate	Supply Charge		0.3012
MBSRI	Monthly LV Bus 1 Rate	Meter Reading Charge	No Charge	0
MBSRI	Monthly LV Bus 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
MBSRI	Monthly LV Bus 1 Rate	Anytime Usage		0.1342
MBSRI	Monthly LV Bus 1 Rate	Anytime Usage		0.1342
MBSRI	Monthly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
MBSRI	Monthly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
MBSRI	Monthly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0



CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
MBSRI	Monthly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
MBSRI	Monthly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MBSRI	Monthly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Supply Charge		0.3012
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Anytime Usage		0.1342
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Anytime Usage		0.1342
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Controlled Anytime Usage		0.0539
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	0
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MBSROPCL	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Supply Charge		0.3012
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Anytime Usage		0.1342
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Anytime Usage		0.1342
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Controlled Anytime Usage		0.0539
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MBSROPCLI	Monthly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MOPCL	Monthly Ctl Load	Meter Reading Charge	No Charge	0
MOPCL	Monthly Ctl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MOPCL	Monthly Ctl Load	Controlled Anytime Usage		0.0539
MOPCL	Monthly Ctl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MOPCL	Monthly Ctl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MOPCL	Monthly Ctl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MOPCL	Monthly Ctl Load	Metering Charges	Meter Supplied Type 1-4	0
MOPCL	Monthly Ctl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MOPCL	Monthly Ctl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MOPCLI	Monthly Ctl Load	Meter Reading Charge	No Charge	0
MOPCLI	Monthly Ctl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MOPCLI	Monthly Ctl Load	Controlled Anytime Usage		0.0539
MOPCLI	Monthly Ctl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MOPCLI	Monthly Ctl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MOPCLI	Monthly Ctl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MOPCLI	Monthly Ctl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
MOPCLI	Monthly Ctl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MOPCLI	Monthly Ctl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MRSR	Monthly LV Res 1 Rate	Supply Charge		0.3012
MRSR	Monthly LV Res 1 Rate	Anytime Usage		0.1175



CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
MRSR	Monthly LV Res 1 Rate	Anytime Usage		0.147
MRSR	Monthly LV Res 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
MRSR	Monthly LV Res 1 Rate	Meter Reading Charge	No Charge	0
MRSR	Monthly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
MRSR	Monthly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
MRSR	Monthly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MRSR	Monthly LV Res 1 Rate	Metering Charges	Meter Supplied Type 1-4	0
MRSR	Monthly LV Res 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
MRSR	Monthly LV Res 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Supply Charge		0.3012
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Anytime Usage		0.1175
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Anytime Usage		0.147
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Meter Reading Charge	Monthly Type 5-6	0.132057
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Meter Reading Charge	No Charge	0
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Metering Charges	Meter Not Supplied Type 1-4	0
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Metering Charges	Meter Not Supplied Type 5-6	0
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Metering Charges	Meter Supplied Type 1-4	1.7917
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Metering Charges	Meter Supplied Type 5-6	0.073
MRSRII	Monthly LV Res 1 Rate Type 1 - 4	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Supply Charge		0.3012
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Anytime Usage		0.1175
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Anytime Usage		0.147
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Controlled Anytime Usage		0.0539
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Meter Reading Charge	No Charge	0
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MRSRIOPCLI	Monthly LV Res SR Type 1-4 Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Supply Charge		0.3012
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Anytime Usage		0.1175
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Anytime Usage		0.147
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Controlled Anytime Usage		0.0539
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	0
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MRSROPCL	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Supply Charge		0.3012
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Anytime Usage		0.1175
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Anytime Usage		0.147

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Controlled Anytime Usage		0.0539
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
MRSROPCLI	Monthly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QB2R	Quarterly LV Bus 2 Rate	Supply Charge		0.3012
QB2R	Quarterly LV Bus 2 Rate	Peak Usage		0.1584
QB2R	Quarterly LV Bus 2 Rate	Off Peak Usage		0.0711
QB2R	Quarterly LV Bus 2 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
QB2R	Quarterly LV Bus 2 Rate	Meter Reading Charge	No Charge	0
QB2R	Quarterly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
QB2R	Quarterly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
QB2R	Quarterly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QB2R	Quarterly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 1-4	0
QB2R	Quarterly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
QB2R	Quarterly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QB2RI	Quarterly LV Bus 2 Rate	Supply Charge		0.3012
QB2RI	Quarterly LV Bus 2 Rate	Peak Usage		0.1584
QB2RI	Quarterly LV Bus 2 Rate	Off Peak Usage		0.0711
QB2RI	Quarterly LV Bus 2 Rate	Meter Reading Charge	No Charge	0
QB2RI	Quarterly LV Bus 2 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
QB2RI	Quarterly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
QB2RI	Quarterly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
QB2RI	Quarterly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
QB2RI	Quarterly LV Bus 2 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QB2RI	Quarterly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
QB2RI	Quarterly LV Bus 2 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Supply Charge		0.3012
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Peak Usage		0.1584
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Off Peak Usage		0.0711
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Controlled Anytime Usage		0.0539
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Meter Reading Charge	No Charge	0
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	0
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
QB2ROPCL	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Supply Charge		0.3012
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Peak Usage		0.1584
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Off Peak Usage		0.0711
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Controlled Anytime Usage		0.0539

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Meter Reading Charge	No Charge	0
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
QB2ROPCLI	Quarterly LV Bus 2 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QBSR	Quarterly LV Bus 1 Rate	Supply Charge		0.3012
QBSR	Quarterly LV Bus 1 Rate	Anytime Usage		0.1342
QBSR	Quarterly LV Bus 1 Rate	Anytime Usage		0.1342
QBSR	Quarterly LV Bus 1 Rate	Meter Reading Charge	No Charge	0
QBSR	Quarterly LV Bus 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
QBSR	Quarterly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
QBSR	Quarterly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
QBSR	Quarterly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QBSR	Quarterly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 1-4	0
QBSR	Quarterly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QBSR	Quarterly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
QBSRI	Quarterly LV Bus 1 Rate	Supply Charge		0.3012
QBSRI	Quarterly LV Bus 1 Rate	Anytime Usage		0.1342
QBSRI	Quarterly LV Bus 1 Rate	Anytime Usage		0.1342
QBSRI	Quarterly LV Bus 1 Rate	Meter Reading Charge	No Charge	0
QBSRI	Quarterly LV Bus 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
QBSRI	Quarterly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
QBSRI	Quarterly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
QBSRI	Quarterly LV Bus 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QBSRI	Quarterly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
QBSRI	Quarterly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QBSRI	Quarterly LV Bus 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Supply Charge		0.3012
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Anytime Usage		0.1342
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Anytime Usage		0.1342
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Controlled Anytime Usage		0.0539
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	0
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QBSROPCL	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Supply Charge		0.3012
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Anytime Usage		0.1342
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Anytime Usage		0.1342
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Controlled Anytime Usage		0.0539
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
QBSROPCLI	Quarterly LV Bus 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QOPCL	Quarterly Ctl Load	Controlled Anytime Usage		0.0539
QOPCL	Quarterly Ctl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
QOPCL	Quarterly Ctl Load	Meter Reading Charge	No Charge	0
QOPCL	Quarterly Ctl Load	Metering Charges	Meter Supplied Type 5-6	0.073
QOPCL	Quarterly Ctl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QOPCL	Quarterly Ctl Load	Metering Charges	Meter Supplied Type 1-4	0
QOPCL	Quarterly Ctl Load	Metering Charges	Meter Not Supplied Type 1-4	0
QOPCL	Quarterly Ctl Load	Metering Charges	Meter Not Supplied Type 5-6	0
QOPCL	Quarterly Ctl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QOPCLI	Quarterly Ctl Load	Controlled Anytime Usage		0.0539
QOPCLI	Quarterly Ctl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
QOPCLI	Quarterly Ctl Load	Meter Reading Charge	No Charge	0
QOPCLI	Quarterly Ctl Load	Metering Charges	Meter Supplied Type 5-6	0.073
QOPCLI	Quarterly Ctl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QOPCLI	Quarterly Ctl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
QOPCLI	Quarterly Ctl Load	Metering Charges	Meter Not Supplied Type 1-4	0
QOPCLI	Quarterly Ctl Load	Metering Charges	Meter Not Supplied Type 5-6	0
QOPCLI	Quarterly Ctl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QRSR	Quarterly LV Res 1 Rate	Supply Charge		0.3012
QRSR	Quarterly LV Res 1 Rate	Anytime Usage		0.1175
QRSR	Quarterly LV Res 1 Rate	Anytime Usage		0.147
QRSR	Quarterly LV Res 1 Rate	Meter Reading Charge	No Charge	0
QRSR	Quarterly LV Res 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
QRSR	Quarterly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
QRSR	Quarterly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
QRSR	Quarterly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QRSR	Quarterly LV Res 1 Rate	Metering Charges	Meter Supplied Type 1-4	0
QRSR	Quarterly LV Res 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
QRSR	Quarterly LV Res 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QRSRI	Quarterly LV Res 1 Rate	Supply Charge		0.3012
QRSRI	Quarterly LV Res 1 Rate	Anytime Usage		0.1175
QRSRI	Quarterly LV Res 1 Rate	Anytime Usage		0.147
QRSRI	Quarterly LV Res 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
QRSRI	Quarterly LV Res 1 Rate	Meter Reading Charge	No Charge	0
QRSRI	Quarterly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
QRSRI	Quarterly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
QRSRI	Quarterly LV Res 1 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
QRSRI	Quarterly LV Res 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.073
QRSRI	Quarterly LV Res 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QRSRI	Quarterly LV Res 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Supply Charge		0.3012
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Anytime Usage		0.1175
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Anytime Usage		0.147
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Controlled Anytime Usage		0.0539
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	0
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
QRSROPCL	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Supply Charge		0.3012
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Anytime Usage		0.1175
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Anytime Usage		0.147
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Controlled Anytime Usage		0.0539
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.073
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.598
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
QRSROPCLI	Quarterly LV Res 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RADI	15 Residential Demand	Supply Charge		0
RADI	15 Residential Demand	Peak Demand		0.4275
RADI	15 Residential Demand	Additional Demand		0
RADI	15 Residential Demand	Peak Usage		0.0652
RADI	15 Residential Demand	Supply Charge		0
RADI	15 Residential Demand	Peak Demand		0.211
RADI	15 Residential Demand	Additional Demand		0
RADI	15 Residential Demand	Peak Usage		0.0652
RADI	15 Residential Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
RADI	15 Residential Demand	Meter Reading Charge	No Charge	0
RADI	15 Residential Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
RADI	15 Residential Demand	Metering Charges	Meter Supplied Type 5-6	0.0337
RADI	15 Residential Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
RADI	15 Residential Demand	Metering Charges	Meter Not Supplied Type 1-4	0.0393
RADI	15 Residential Demand	Metering Charges	Meter Not Supplied Type 5-6	0
RADI	15 Residential Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RADI	15 Residential Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
RADI	15 Residential Demand	Meter Reading Charge	No Charge	0
RADI	15 Residential Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
RADI	15 Residential Demand	Metering Charges	Meter Supplied Type 5-6	0.0337
RADI	15 Residential Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
RADI	15 Residential Demand	Metering Charges	Meter Not Supplied Type 1-4	0.0393
RADI	15 Residential Demand	Metering Charges	Meter Not Supplied Type 5-6	0



CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
RADI	15 Residential Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RADOPCLI	15 Residential Demand & Cntl Load	Supply Charge		0
RADOPCLI	15 Residential Demand & Cntl Load	Peak Demand		0.4275
RADOPCLI	15 Residential Demand & Cntl Load	Additional Demand		0
RADOPCLI	15 Residential Demand & Cntl Load	Peak Usage		0.0652
RADOPCLI	15 Residential Demand & Cntl Load	Off Peak Usage		0.0539
RADOPCLI	15 Residential Demand & Cntl Load	Peak Demand		0.211
RADOPCLI	15 Residential Demand & Cntl Load	Additional Demand		0
RADOPCLI	15 Residential Demand & Cntl Load	Peak Usage		0.0652
RADOPCLI	15 Residential Demand & Cntl Load	Off Peak Usage		0.0539
RADOPCLI	15 Residential Demand & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
RADOPCLI	15 Residential Demand & Cntl Load	Meter Reading Charge	No Charge	0
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.0337
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0.0393
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RADOPCLI	15 Residential Demand & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
RADOPCLI	15 Residential Demand & Cntl Load	Meter Reading Charge	No Charge	0
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.0337
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
RADOPCLI	15 Residential Demand & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0.0393
RADOPCLI	15 Residential Demand & Cntl Load	Supply Charge		0
RSR	15 Residential 1 Rate	Supply Charge		0.3012
RSR	15 Residential 1 Rate	Peak Usage		0.1175
RSR	15 Residential 1 Rate	Peak Usage		0.147
RSR	15 Residential 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
RSR	15 Residential 1 Rate	Meter Reading Charge	No Charge	0
RSR	15 Residential 1 Rate	Metering Charges	Meter Supplied Type 1-4	0
RSR	15 Residential 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.0337
RSR	15 Residential 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
RSR	15 Residential 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0
RSR	15 Residential 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
RSR	15 Residential 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RSRI	15 Residential 1 Rate	Supply Charge		0.3012
RSRI	15 Residential 1 Rate	Peak Usage		0.1175
RSRI	15 Residential 1 Rate	Peak Usage		0.147
RSRI	15 Residential 1 Rate	Meter Reading Charge	Monthly Type 5-6	0.132057
RSRI	15 Residential 1 Rate	Meter Reading Charge	No Charge	0
RSRI	15 Residential 1 Rate	Metering Charges	Meter Supplied Type 5-6	0.0337
RSRI	15 Residential 1 Rate	Metering Charges	Meter Not Supplied Type 5-6	0
RSRI	15 Residential 1 Rate	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
RSRI	15 Residential 1 Rate	Metering Charges	Meter Not Supplied Type 5-6 CT	0

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
RSRI	15 Residential 1 Rate	Metering Charges	Meter Supplied Type 1-4	1.7917
RSRI	15 Residential 1 Rate	Metering Charges	Meter Not Supplied Type 1-4	0.0393
RSRI	15 Residential 1 Rate	Metering Charges	Manual No Charge	0
RSROPCL	15 Residential 1 Rate & Cntl Load	Supply Charge		0.3012
RSROPCL	15 Residential 1 Rate & Cntl Load	Peak Usage		0.1175
RSROPCL	15 Residential 1 Rate & Cntl Load	Peak Usage		0.147
RSROPCL	15 Residential 1 Rate & Cntl Load	Off Peak Usage		0.0539
RSROPCL	15 Residential 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
RSROPCL	15 Residential 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
RSROPCL	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	0
RSROPCL	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.0337
RSROPCL	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
RSROPCL	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0
RSROPCL	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
RSROPCL	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RSROPCLI	15 Residential 1 Rate & Cntl Load	Supply Charge		0.3012
RSROPCLI	15 Residential 1 Rate & Cntl Load	Peak Usage		0.1175
RSROPCLI	15 Residential 1 Rate & Cntl Load	Peak Usage		0.147
RSROPCLI	15 Residential 1 Rate & Cntl Load	Off Peak Usage		0.0539
RSROPCLI	15 Residential 1 Rate & Cntl Load	Meter Reading Charge	Monthly Type 5-6	0.132057
RSROPCLI	15 Residential 1 Rate & Cntl Load	Meter Reading Charge	No Charge	0
RSROPCLI	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6	0.0337
RSROPCLI	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6	0
RSROPCLI	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
RSROPCLI	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RSROPCLI	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Supplied Type 1-4	1.7917
RSROPCLI	15 Residential 1 Rate & Cntl Load	Metering Charges	Meter Not Supplied Type 1-4	0.0393
RSROPCLI	15 Residential 1 Rate & Cntl Load	Metering Charges	Manual No Charge	0
STN018I	NMI SAAAAAA018 Subtransmission	Peak Demand		0.2104
STN018I	NMI SAAAAAA018 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN018I	NMI SAAAAAA018 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN018I	NMI SAAAAAA018 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN018I	NMI SAAAAAA018 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN018I	NMI SAAAAAA018 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN018I	NMI SAAAAAA018 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN018I	NMI SAAAAAA018 Subtransmission	Supply Charge		1456
STN018I	NMI SAAAAAA018 Subtransmission	Peak Usage		0.0022
STN018I	NMI SAAAAAA018 Subtransmission	Additional Demand		0.0207
STN084I	NMI SAAAAAA084 Subtransmission	Supply Charge		1058
STN084I	NMI SAAAAAA084 Subtransmission	Peak Usage		0.0022
STN084I	NMI SAAAAAA084 Subtransmission	Peak Demand		0.2032
STN084I	NMI SAAAAAA084 Subtransmission	Additional Demand		0.0207
STN084I	NMI SAAAAAA084 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN084I	NMI SAAAAAA084 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN084I	NMI SAAAAAA084 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN084I	NMI SAAAAAA084 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN084I	NMI SAAAAAA084 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0



CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
STN084I	NMI SAAAAA084 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN161I	NMI 2002280161 Subtransmission	Supply Charge		208
STN161I	NMI 2002280161 Subtransmission	Peak Usage		0.0169
STN161I	NMI 2002280161 Subtransmission	Peak Demand		0.0612
STN161I	NMI 2002280161 Subtransmission	Additional Demand		0.0207
STN161I	NMI 2002280161 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN161I	NMI 2002280161 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN161I	NMI 2002280161 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN161I	NMI 2002280161 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN161I	NMI 2002280161 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN161I	NMI 2002280161 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN162I	NMI 2002257162 Subtransmission	Supply Charge		62
STN162I	NMI 2002257162 Subtransmission	Peak Usage		0.0167
STN162I	NMI 2002257162 Subtransmission	Peak Demand		0.167
STN162I	NMI 2002257162 Subtransmission	Additional Demand		0.0207
STN162I	NMI 2002257162 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN162I	NMI 2002257162 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN162I	NMI 2002257162 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN162I	NMI 2002257162 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN162I	NMI 2002257162 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN162I	NMI 2002257162 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN378I	NMI 2001000378 Subtransmission	Supply Charge		437
STN378I	NMI 2001000378 Subtransmission	Peak Usage		0.0022
STN378I	NMI 2001000378 Subtransmission	Peak Demand		0.2032
STN378I	NMI 2001000378 Subtransmission	Additional Demand		0.0207
STN378I	NMI 2001000378 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN378I	NMI 2001000378 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN378I	NMI 2001000378 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN378I	NMI 2001000378 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN378I	NMI 2001000378 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN378I	NMI 2001000378 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN557I	NMI SAAAAAB557 Subtransmission	Supply Charge		226
STN557I	NMI SAAAAAB557 Subtransmission	Peak Usage		0.0167
STN557I	NMI SAAAAAB557 Subtransmission	Peak Demand		0.122
STN557I	NMI SAAAAAB557 Subtransmission	Additional Demand		0.0207
STN557I	NMI SAAAAAB557 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN557I	NMI SAAAAAB557 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN557I	NMI SAAAAAB557 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN557I	NMI SAAAAAB557 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN557I	NMI SAAAAAB557 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN557I	NMI SAAAAAB557 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN609I	NMI 2002112609 Subtransmission	Supply Charge		3299
STN609I	NMI 2002112609 Subtransmission	Peak Usage		0.0022
STN609I	NMI 2002112609 Subtransmission	Peak Demand		0.0207
STN609I	NMI 2002112609 Subtransmission	Additional Demand		0.0207
STN609I	NMI 2002112609 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN609I	NMI 2002112609 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
STN609I	NMI 2002112609 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN609I	NMI 2002112609 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN609I	NMI 2002112609 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN609I	NMI 2002112609 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN788I	NMI 2002213788 Subtransmission	Supply Charge		314
STN788I	NMI 2002213788 Subtransmission	Peak Usage		0.0022
STN788I	NMI 2002213788 Subtransmission	Peak Demand		0.1588
STN788I	NMI 2002213788 Subtransmission	Additional Demand		0.0207
STN788I	NMI 2002213788 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN788I	NMI 2002213788 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN788I	NMI 2002213788 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN788I	NMI 2002213788 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN788I	NMI 2002213788 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN788I	NMI 2002213788 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN796I	NMI 2002213796 Subtransmission	Supply Charge		0
STN796I	NMI 2002213796 Subtransmission	Peak Usage		0.0022
STN796I	NMI 2002213796 Subtransmission	Peak Demand		0.0207
STN796I	NMI 2002213796 Subtransmission	Additional Demand		0.0207
STN796I	NMI 2002213796 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN796I	NMI 2002213796 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN796I	NMI 2002213796 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN796I	NMI 2002213796 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN796I	NMI 2002213796 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN796I	NMI 2002213796 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STN840I	NMI 2002216840 Subtransmission	Supply Charge		31
STN840I	NMI 2002216840 Subtransmission	Peak Usage		0.0169
STN840I	NMI 2002216840 Subtransmission	Peak Demand		0.0612
STN840I	NMI 2002216840 Subtransmission	Additional Demand		0.0207
STN840I	NMI 2002216840 Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STN840I	NMI 2002216840 Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STN840I	NMI 2002216840 Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STN840I	NMI 2002216840 Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STN840I	NMI 2002216840 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STN840I	NMI 2002216840 Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STNB164I	NMI 2002257164 Backup Subtransmission	Supply Charge		0
STNB164I	NMI 2002257164 Backup Subtransmission	Peak Usage		0.0167
STNB164I	NMI 2002257164 Backup Subtransmission	Peak Demand		0.0207
STNB164I	NMI 2002257164 Backup Subtransmission	Metering Charges	Meter Supplied Type 1-4	1.7917
STNB164I	NMI 2002257164 Backup Subtransmission	Metering Charges	Meter Supplied Type 5-6	0.073
STNB164I	NMI 2002257164 Backup Subtransmission	Metering Charges	Meter Supplied Type 5-6 CT	0.598
STNB164I	NMI 2002257164 Backup Subtransmission	Metering Charges	Meter Not Supplied Type 1-4	0
STNB164I	NMI 2002257164 Backup Subtransmission	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STNB164I	NMI 2002257164 Backup Subtransmission	Metering Charges	Meter Not Supplied Type 5-6	0
STNB164I	NMI 2002257164 Backup Subtransmission	Additional Demand		0.0207
STNBI	15 Subtransmission Back Up Feeder	Supply Charge		0
STNBI	15 Subtransmission Back Up Feeder	Peak Usage		0.0099
STNBI	15 Subtransmission Back Up Feeder	Peak Demand		0.0207

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
STNBI	15 Subtransmission Back Up Feeder	Meter Reading Charge	Monthly Type 5-6	0.132057
STNBI	15 Subtransmission Back Up Feeder	Meter Reading Charge	No Charge	0
STNBI	15 Subtransmission Back Up Feeder	Metering Charges	Meter Supplied Type 1-4	1.7917
STNBI	15 Subtransmission Back Up Feeder	Metering Charges	Meter Supplied Type 5-6	0.0337
STNBI	15 Subtransmission Back Up Feeder	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
STNBI	15 Subtransmission Back Up Feeder	Metering Charges	Meter Not Supplied Type 1-4	0
STNBI	15 Subtransmission Back Up Feeder	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STNBI	15 Subtransmission Back Up Feeder	Metering Charges	Meter Not Supplied Type 5-6	0
STNBI	15 Subtransmission Back Up Feeder	Additional Demand		0.0207
STNI	15 Subtransmission Demand (<10MW)	Supply Charge		0
STNI	15 Subtransmission Demand (<10MW)	Peak Usage		0.0099
STNI	15 Subtransmission Demand (<10MW)	Peak Demand		0.1131
STNI	15 Subtransmission Demand (<10MW)	Additional Demand		0.0207
STNI	15 Subtransmission Demand (<10MW)	Meter Reading Charge	Monthly Type 5-6	0.132057
STNI	15 Subtransmission Demand (<10MW)	Meter Reading Charge	No Charge	0
STNI	15 Subtransmission Demand (<10MW)	Metering Charges	Meter Supplied Type 1-4	1.7917
STNI	15 Subtransmission Demand (<10MW)	Metering Charges	Meter Supplied Type 5-6	0.0337
STNI	15 Subtransmission Demand (<10MW)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
STNI	15 Subtransmission Demand (<10MW)	Metering Charges	Meter Not Supplied Type 1-4	0
STNI	15 Subtransmission Demand (<10MW)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
STNI	15 Subtransmission Demand (<10MW)	Metering Charges	Meter Not Supplied Type 5-6	0
VHVBI	High Voltage Demand/Backup Feeder	Supply Charge		0
VHVBI	High Voltage Demand/Backup Feeder	Peak Demand		0.119
VHVBI	High Voltage Demand/Backup Feeder	Additional Demand		0.119
VHVBI	High Voltage Demand/Backup Feeder	Peak Usage		0.0243
VHVBI	High Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 1-4	1.7917
VHVBI	High Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 5-6	0.073
VHVBI	High Voltage Demand/Backup Feeder	Metering Charges	Meter Supplied Type 5-6 CT	0.598
VHVBI	High Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 1-4	0
VHVBI	High Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 5-6	0
VHVBI	High Voltage Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 5-6 CT	0
VHVDI	HV Demand (KVA) <400kVA	Supply Charge		11.1338
VHVDI	HV Demand (KVA) <400kVA	Peak Demand		0.3189
VHVDI	HV Demand (KVA) <400kVA	Additional Demand		0.1282
VHVDI	HV Demand (KVA) <400kVA	Peak Usage		0.0307
VHVDI	HV Demand (KVA) <400kVA	Metering Charges	Meter Supplied Type 1-4	1.7917
VHVDI	HV Demand (KVA) <400kVA	Metering Charges	Meter Supplied Type 5-6	0.073
VHVDI	HV Demand (KVA) <400kVA	Metering Charges	Meter Supplied Type 5-6 CT	0.598
VHVDI	HV Demand (KVA) <400kVA	Metering Charges	Meter Not Supplied Type 1-4	0
VHVDI	HV Demand (KVA) <400kVA	Metering Charges	Meter Not Supplied Type 5-6	0
VHVDI	HV Demand (KVA) <400kVA	Metering Charges	Meter Not Supplied Type 5-6 CT	0
VHVI	High Voltage Demand (KVA)	Supply Charge		80.4111
VHVI	High Voltage Demand (KVA)	Peak Demand		0.2321
VHVI	High Voltage Demand (KVA)	Additional Demand		0.119
VHVI	High Voltage Demand (KVA)	Peak Usage		0.0243
VHVI	High Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 1-4	1.7917
VHVI	High Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 5-6	0.073

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
VHVI	High Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 5-6 CT	0.598
VHVI	High Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 1-4	0
VHVI	High Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6	0
VHVI	High Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Supply Charge		11.1338
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Peak Demand		0.1282
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Peak Demand		0.1282
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Additional Demand		0.1282
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Peak Usage		0.0307
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Metering Charges	Meter Supplied Type 1-4	1.7917
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Metering Charges	Meter Supplied Type 5-6	0.073
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Metering Charges	Meter Supplied Type 5-6 CT	0.598
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 1-4	0
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 5-6	0
VLVBI	Low Voltage Stepped Demand/Backup Feeder	Metering Charges	Meter Not Supplied Type 5-6 CT	0
VLVI	Low Voltage Stepped Demand (KVA)	Supply Charge		11.1338
VLVI	Low Voltage Stepped Demand (KVA)	Peak Demand		0.3189
VLVI	Low Voltage Stepped Demand (KVA)	Peak Demand		0.2627
VLVI	Low Voltage Stepped Demand (KVA)	Additional Demand		0.1282
VLVI	Low Voltage Stepped Demand (KVA)	Peak Usage		0.0307
VLVI	Low Voltage Stepped Demand (KVA)	Metering Charges	Meter Supplied Type 1-4	1.7917
VLVI	Low Voltage Stepped Demand (KVA)	Metering Charges	Meter Supplied Type 5-6	0.073
VLVI	Low Voltage Stepped Demand (KVA)	Metering Charges	Meter Supplied Type 5-6 CT	0.598
VLVI	Low Voltage Stepped Demand (KVA)	Metering Charges	Meter Not Supplied Type 1-4	0
VLVI	Low Voltage Stepped Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6	0
VLVI	Low Voltage Stepped Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
VSGI	Low Voltage Sportsground Demand kVa	Supply Charge		11.1338
VSGI	Low Voltage Sportsground Demand kVa	Peak Demand		0.3189
VSGI	Low Voltage Sportsground Demand kVa	Peak Demand		0.2627
VSGI	Low Voltage Sportsground Demand kVa	Additional Demand		0.1282
VSGI	Low Voltage Sportsground Demand kVa	Peak Usage		0.0307
VSGI	Low Voltage Sportsground Demand kVa	Metering Charges	Meter Supplied Type 1-4	1.7917
VSGI	Low Voltage Sportsground Demand kVa	Metering Charges	Meter Supplied Type 5-6	0.073
VSGI	Low Voltage Sportsground Demand kVa	Metering Charges	Meter Supplied Type 5-6 CT	0.598
VSGI	Low Voltage Sportsground Demand kVa	Metering Charges	Meter Not Supplied Type 1-4	0
VSGI	Low Voltage Sportsground Demand kVa	Metering Charges	Meter Not Supplied Type 5-6	0
VSGI	Low Voltage Sportsground Demand kVa	Metering Charges	Meter Not Supplied Type 5-6 CT	0
VZSNI	kVA - Zone Substation	Supply Charge		0
VZSNI	kVA - Zone Substation	Peak Demand		0.1907
VZSNI	kVA - Zone Substation	Additional Demand		0.0983
VZSNI	kVA - Zone Substation	Peak Usage		0.0153
VZSNI	kVA - Zone Substation	Metering Charges	Meter Supplied Type 1-4	1.7917
VZSNI	kVA - Zone Substation	Metering Charges	Meter Supplied Type 5-6	0.073
VZSNI	kVA - Zone Substation	Metering Charges	Meter Supplied Type 5-6 CT	0.598
VZSNI	kVA - Zone Substation	Metering Charges	Meter Not Supplied Type 1-4	0
VZSNI	kVA - Zone Substation	Metering Charges	Meter Not Supplied Type 5-6	0
VZSNI	kVA - Zone Substation	Metering Charges	Meter Not Supplied Type 5-6 CT	0

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
XGEN	15 PV Zero Rate - Solar Co Gen	Peak Usage		0
XGENI	15 PV Zero Rate - Solar Co Gen	Peak Usage		0
XGENR	PV Zero Rate - Solar Co Gen	Peak Usage		0
XGENRI	PV Zero Rate - Solar Co Gen	Peak Usage		0
ZGEN	15 Zero Rate - Solar Co Gen	Peak Usage		0
ZGENI	15 Zero Rate - Solar Co Gen	Peak Usage		0
ZGENR	Zero Rate - Solar Co Gen	Peak Usage		0
ZGENRI	Zero Rate - Solar Co Gen	Peak Usage		0
ZSN021I	NMI SAAAAAA021 Zone Substatio	Supply Charge		433
ZSN021I	NMI SAAAAAA021 Zone Substatio	Peak Usage		0.0076
ZSN021I	NMI SAAAAAA021 Zone Substatio	Peak Demand		0.2893
ZSN021I	NMI SAAAAAA021 Zone Substatio	Additional Demand		0.0983
ZSN021I	NMI SAAAAAA021 Zone Substatio	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSN021I	NMI SAAAAAA021 Zone Substatio	Metering Charges	Meter Supplied Type 5-6	0.073
ZSN021I	NMI SAAAAAA021 Zone Substatio	Metering Charges	Meter Supplied Type 5-6 CT	0.598
ZSN021I	NMI SAAAAAA021 Zone Substatio	Metering Charges	Meter Not Supplied Type 1-4	0
ZSN021I	NMI SAAAAAA021 Zone Substatio	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSN021I	NMI SAAAAAA021 Zone Substatio	Metering Charges	Meter Not Supplied Type 5-6	0
ZSN022I	NMI SAAAAAA022 Zone Substation	Supply Charge		174
ZSN022I	NMI SAAAAAA022 Zone Substation	Peak Usage		0.0076
ZSN022I	NMI SAAAAAA022 Zone Substation	Peak Demand		0.2374
ZSN022I	NMI SAAAAAA022 Zone Substation	Additional Demand		0.0983
ZSN022I	NMI SAAAAAA022 Zone Substation	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSN022I	NMI SAAAAAA022 Zone Substation	Metering Charges	Meter Supplied Type 5-6	0.073
ZSN022I	NMI SAAAAAA022 Zone Substation	Metering Charges	Meter Supplied Type 5-6 CT	0.598
ZSN022I	NMI SAAAAAA022 Zone Substation	Metering Charges	Meter Not Supplied Type 1-4	0
ZSN022I	NMI SAAAAAA022 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSN022I	NMI SAAAAAA022 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6	0
ZSN024I	NMI SAAAAAA024 Zone Substation	Supply Charge		191
ZSN024I	NMI SAAAAAA024 Zone Substation	Peak Usage		0.0076
ZSN024I	NMI SAAAAAA024 Zone Substation	Peak Demand		0.2413
ZSN024I	NMI SAAAAAA024 Zone Substation	Additional Demand		0.0983
ZSN024I	NMI SAAAAAA024 Zone Substation	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSN024I	NMI SAAAAAA024 Zone Substation	Metering Charges	Meter Supplied Type 5-6	0.073
ZSN024I	NMI SAAAAAA024 Zone Substation	Metering Charges	Meter Supplied Type 5-6 CT	0.598
ZSN024I	NMI SAAAAAA024 Zone Substation	Metering Charges	Meter Not Supplied Type 1-4	0
ZSN024I	NMI SAAAAAA024 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSN024I	NMI SAAAAAA024 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6	0
ZSN035I	NMI SAAAAAA035 Zone Substation	Supply Charge		139
ZSN035I	NMI SAAAAAA035 Zone Substation	Peak Usage		0.0076
ZSN035I	NMI SAAAAAA035 Zone Substation	Peak Demand		0.2887
ZSN035I	NMI SAAAAAA035 Zone Substation	Additional Demand		0.0983
ZSN035I	NMI SAAAAAA035 Zone Substation	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSN035I	NMI SAAAAAA035 Zone Substation	Metering Charges	Meter Supplied Type 5-6	0.073
ZSN035I	NMI SAAAAAA035 Zone Substation	Metering Charges	Meter Supplied Type 5-6 CT	0.598
ZSN035I	NMI SAAAAAA035 Zone Substation	Metering Charges	Meter Not Supplied Type 1-4	0
ZSN035I	NMI SAAAAAA035 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6 CT	0



CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
ZSN035I	NMI SAAAAAA035 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6	0
ZSN131I	NMI 2002133131 Zone Substation	Supply Charge		187
ZSN131I	NMI 2002133131 Zone Substation	Peak Usage		0.0076
ZSN131I	NMI 2002133131 Zone Substation	Peak Demand		0.237
ZSN131I	NMI 2002133131 Zone Substation	Additional Demand		0.0983
ZSN131I	NMI 2002133131 Zone Substation	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSN131I	NMI 2002133131 Zone Substation	Metering Charges	Meter Supplied Type 5-6	0.073
ZSN131I	NMI 2002133131 Zone Substation	Metering Charges	Meter Supplied Type 5-6 CT	0.598
ZSN131I	NMI 2002133131 Zone Substation	Metering Charges	Meter Not Supplied Type 1-4	0
ZSN131I	NMI 2002133131 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSN131I	NMI 2002133131 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6	0
ZSN438I	NMI SAAAAAA438 Zone Substation	Supply Charge		79
ZSN438I	NMI SAAAAAA438 Zone Substation	Peak Usage		0.0076
ZSN438I	NMI SAAAAAA438 Zone Substation	Peak Demand		0.242
ZSN438I	NMI SAAAAAA438 Zone Substation	Additional Demand		0.0983
ZSN438I	NMI SAAAAAA438 Zone Substation	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSN438I	NMI SAAAAAA438 Zone Substation	Metering Charges	Meter Supplied Type 5-6	0.073
ZSN438I	NMI SAAAAAA438 Zone Substation	Metering Charges	Meter Supplied Type 5-6 CT	0.598
ZSN438I	NMI SAAAAAA438 Zone Substation	Metering Charges	Meter Not Supplied Type 1-4	0
ZSN438I	NMI SAAAAAA438 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSN438I	NMI SAAAAAA438 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6	0
ZSN608I	NMI 2001000608 Zone Substation	Supply Charge		55
ZSN608I	NMI 2001000608 Zone Substation	Peak Usage		0.0076
ZSN608I	NMI 2001000608 Zone Substation	Peak Demand		0.2423
ZSN608I	NMI 2001000608 Zone Substation	Additional Demand		0.0983
ZSN608I	NMI 2001000608 Zone Substation	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSN608I	NMI 2001000608 Zone Substation	Metering Charges	Meter Supplied Type 5-6	0.073
ZSN608I	NMI 2001000608 Zone Substation	Metering Charges	Meter Supplied Type 5-6 CT	0.598
ZSN608I	NMI 2001000608 Zone Substation	Metering Charges	Meter Not Supplied Type 1-4	0
ZSN608I	NMI 2001000608 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSN608I	NMI 2001000608 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6	0
ZSNBI	15 Zone Substation Back Up Feeder	Supply Charge		0
ZSNBI	15 Zone Substation Back Up Feeder	Peak Usage		0.0153
ZSNBI	15 Zone Substation Back Up Feeder	Peak Demand		0.0983
ZSNBI	15 Zone Substation Back Up Feeder	Meter Reading Charge	Monthly Type 5-6	0.132057
ZSNBI	15 Zone Substation Back Up Feeder	Meter Reading Charge	No Charge	0
ZSNBI	15 Zone Substation Back Up Feeder	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSNBI	15 Zone Substation Back Up Feeder	Metering Charges	Meter Supplied Type 5-6	0.0337
ZSNBI	15 Zone Substation Back Up Feeder	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
ZSNBI	15 Zone Substation Back Up Feeder	Metering Charges	Meter Not Supplied Type 1-4	0
ZSNBI	15 Zone Substation Back Up Feeder	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSNBI	15 Zone Substation Back Up Feeder	Metering Charges	Meter Not Supplied Type 5-6	0
ZSNBI	15 Zone Substation Back Up Feeder	Additional Demand		0.0983
ZSNI	15 Zone Substation Demand (<10MW)	Supply Charge		0
ZSNI	15 Zone Substation Demand (<10MW)	Peak Usage		0.0153
ZSNI	15 Zone Substation Demand (<10MW)	Peak Demand		0.1907
ZSNI	15 Zone Substation Demand (<10MW)	Additional Demand		0.0983

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
ZSNI	15 Zone Substation Demand (<10MW)	Meter Reading Charge	Monthly Type 5-6	0.132057
ZSNI	15 Zone Substation Demand (<10MW)	Meter Reading Charge	No Charge	0
ZSNI	15 Zone Substation Demand (<10MW)	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSNI	15 Zone Substation Demand (<10MW)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
ZSNI	15 Zone Substation Demand (<10MW)	Metering Charges	Meter Supplied Type 5-6	0.0337
ZSNI	15 Zone Substation Demand (<10MW)	Metering Charges	Meter Not Supplied Type 1-4	0
ZSNI	15 Zone Substation Demand (<10MW)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSNI	15 Zone Substation Demand (<10MW)	Metering Charges	Meter Not Supplied Type 5-6	0
RDI	Low Voltage Residential Demand	Supply Charge		0
RDI	Low Voltage Residential Demand	Peak Demand		0.4275
RDI	Low Voltage Residential Demand	Additional Demand		0
RDI	Low Voltage Residential Demand	Peak Usage		0.0652
RDI	Low Voltage Residential Demand	Supply Charge		0
RDI	Low Voltage Residential Demand	Peak Demand		0.211
RDI	Low Voltage Residential Demand	Additional Demand		0
RDI	Low Voltage Residential Demand	Peak Usage		0.0652
RDI	Low Voltage Residential Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
RDI	Low Voltage Residential Demand	Meter Reading Charge	No Charge	0
RDI	Low Voltage Residential Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RDI	Low Voltage Residential Demand	Metering Charges	Meter Not Supplied Type 5-6	0
RDI	Low Voltage Residential Demand	Metering Charges	Meter Supplied Type 5-6	0.073
RDI	Low Voltage Residential Demand	Metering Charges	Meter Not Supplied Type 1-4	0
RDI	Low Voltage Residential Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.598
RDI	Low Voltage Residential Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
RDI	Low Voltage Residential Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
RDI	Low Voltage Residential Demand	Meter Reading Charge	No Charge	0
RDI	Low Voltage Residential Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
RDI	Low Voltage Residential Demand	Metering Charges	Meter Not Supplied Type 5-6	0
RDI	Low Voltage Residential Demand	Metering Charges	Meter Supplied Type 5-6	0.073
RDI	Low Voltage Residential Demand	Metering Charges	Meter Not Supplied Type 1-4	0
RDI	Low Voltage Residential Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.598
RDI	Low Voltage Residential Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
B2RN	15 Business 2 Rate (negotiated service)	Supply Charge		0.3012
B2RN	15 Business 2 Rate (negotiated service)	Peak Usage		0.1584
B2RN	15 Business 2 Rate (negotiated service)	Off Peak Usage		0.0711
B2RN	15 Business 2 Rate (negotiated service)	Meter Reading Charge	Monthly Type 5-6	0.132057
B2RN	15 Business 2 Rate (negotiated service)	Meter Reading Charge	No Charge	0
B2RN	15 Business 2 Rate (negotiated service)	Metering Charges	Meter Not Supplied Type 1-4	0
B2RN	15 Business 2 Rate (negotiated service)	Metering Charges	Meter Supplied Type 1-4	0
B2RN	15 Business 2 Rate (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6	0
B2RN	15 Business 2 Rate (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
B2RN	15 Business 2 Rate (negotiated service)	Metering Charges	Meter Supplied Type 5-6	0.073
B2RN	15 Business 2 Rate (negotiated service)	Metering Charges	Meter Supplied Type 5-6 CT	0.598
BSRN	15 Bus 1 Rate (negotiated service)	Supply Charge		0.3012
BSRN	15 Bus 1 Rate (negotiated service)	Meter Reading Charge	No Charge	0
BSRN	15 Bus 1 Rate (negotiated service)	Meter Reading Charge	Monthly Type 5-6	0.132057
BSRN	15 Bus 1 Rate (negotiated service)	Anytime Usage		0.1342



CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
BSRN	15 Bus 1 Rate (negotiated service)	Anytime Usage		0.1342
BSRN	15 Bus 1 Rate (negotiated service)	Metering Charges	Meter Not Supplied Type 1-4	0
BSRN	15 Bus 1 Rate (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6	0
BSRN	15 Bus 1 Rate (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
BSRN	15 Bus 1 Rate (negotiated service)	Metering Charges	Meter Supplied Type 1-4	0
BSRN	15 Bus 1 Rate (negotiated service)	Metering Charges	Meter Supplied Type 5-6 CT	0.598
BSRN	15 Bus 1 Rate (negotiated service)	Metering Charges	Meter Supplied Type 5-6	0.073
HV400NI	15 HV Demand<400kVA (negotiated service)	Supply Charge		11.1338
HV400NI	15 HV Demand<400kVA (negotiated service)	Peak Demand		0.3189
HV400NI	15 HV Demand<400kVA (negotiated service)	Additional Demand		0.1282
HV400NI	15 HV Demand<400kVA (negotiated service)	Peak Usage		0.0307
HV400NI	15 HV Demand<400kVA (negotiated service)	Meter Reading Charge	Monthly Type 5-6	0.132057
HV400NI	15 HV Demand<400kVA (negotiated service)	Meter Reading Charge	No Charge	0
HV400NI	15 HV Demand<400kVA (negotiated service)	Metering Charges	Meter Supplied Type 5-6	0.0337
HV400NI	15 HV Demand<400kVA (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6	0
HV400NI	15 HV Demand<400kVA (negotiated service)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
HV400NI	15 HV Demand<400kVA (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
HV400NI	15 HV Demand<400kVA (negotiated service)	Metering Charges	Meter Supplied Type 1-4	1.7917
HV400NI	15 HV Demand<400kVA (negotiated service)	Metering Charges	Meter Not Supplied Type 1-4	0
HV400NI	15 HV Demand<400kVA (negotiated service)	Metering Charges	Manual No Charge	0
HVNI	15 HV Demand (KVA) (negotiated service)	Supply Charge		0
HVNI	15 HV Demand (KVA) (negotiated service)	Peak Demand		0.2321
HVNI	15 HV Demand (KVA) (negotiated service)	Additional Demand		0.119
HVNI	15 HV Demand (KVA) (negotiated service)	Peak Usage		0.0243
HVNI	15 HV Demand (KVA) (negotiated service)	Meter Reading Charge	Monthly Type 5-6	0.132057
HVNI	15 HV Demand (KVA) (negotiated service)	Meter Reading Charge	No Charge	0
HVNI	15 HV Demand (KVA) (negotiated service)	Metering Charges	Meter Supplied Type 5-6	0.0337
HVNI	15 HV Demand (KVA) (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6	0
HVNI	15 HV Demand (KVA) (negotiated service)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
HVNI	15 HV Demand (KVA) (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
HVNI	15 HV Demand (KVA) (negotiated service)	Metering Charges	Meter Supplied Type 1-4	1.7917
HVNI	15 HV Demand (KVA) (negotiated service)	Metering Charges	Meter Not Supplied Type 1-4	0
HVNI	15 HV Demand (KVA) (negotiated service)	Metering Charges	Manual No Charge	0
LVNI	15 LV Demand (negotiated service)	Supply Charge		11.1338
LVNI	15 LV Demand (negotiated service)	Peak Demand		0.3189
LVNI	15 LV Demand (negotiated service)	Peak Demand		0.2627
LVNI	15 LV Demand (negotiated service)	Additional Demand		0.1282
LVNI	15 LV Demand (negotiated service)	Peak Usage		0.0307
LVNI	15 LV Demand (negotiated service)	Meter Reading Charge	Monthly Type 5-6	0.132057
LVNI	15 LV Demand (negotiated service)	Meter Reading Charge	No Charge	0
LVNI	15 LV Demand (negotiated service)	Metering Charges	Meter Supplied Type 5-6	0.0337
LVNI	15 LV Demand (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6	0
LVNI	15 LV Demand (negotiated service)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
LVNI	15 LV Demand (negotiated service)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
LVNI	15 LV Demand (negotiated service)	Metering Charges	Meter Supplied Type 1-4	1.7917
LVNI	15 LV Demand (negotiated service)	Metering Charges	Meter Not Supplied Type 1-4	0
LVNI	15 LV Demand (negotiated service)	Metering Charges	Manual No Charge	0

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
SBDI	15 Small Business Demand	Supply Charge		0
SBDI	15 Small Business Demand	Peak Demand		0.4911
SBDI	15 Small Business Demand	Shoulder Demand		0.2436
SBDI	15 Small Business Demand	Additional Demand		0
SBDI	15 Small Business Demand	Peak Usage		0.0505
SBDI	15 Small Business Demand	Supply Charge		0
SBDI	15 Small Business Demand	Peak Demand		0
SBDI	15 Small Business Demand	Shoulder Demand		0.2436
SBDI	15 Small Business Demand	Additional Demand		0
SBDI	15 Small Business Demand	Peak Usage		0.0505
SBDI	15 Small Business Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
SBDI	15 Small Business Demand	Meter Reading Charge	No Charge	0
SBDI	15 Small Business Demand	Metering Charges	Manual No Charge	0
SBDI	15 Small Business Demand	Metering Charges	Meter Not Supplied Type 5-6	0
SBDI	15 Small Business Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
SBDI	15 Small Business Demand	Metering Charges	Meter Supplied Type 5-6	0.0337
SBDI	15 Small Business Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
SBDI	15 Small Business Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
SBDI	15 Small Business Demand	Metering Charges	Meter Not Supplied Type 1-4	0
SBDI	15 Small Business Demand	Meter Reading Charge	Monthly Type 5-6	0.132057
SBDI	15 Small Business Demand	Meter Reading Charge	No Charge	0
SBDI	15 Small Business Demand	Metering Charges	Meter Supplied Type 5-6	0.0337
SBDI	15 Small Business Demand	Metering Charges	Meter Not Supplied Type 5-6	0
SBDI	15 Small Business Demand	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
SBDI	15 Small Business Demand	Metering Charges	Meter Not Supplied Type 5-6 CT	0
SBDI	15 Small Business Demand	Metering Charges	Meter Supplied Type 1-4	1.7917
SBDI	15 Small Business Demand	Metering Charges	Meter Not Supplied Type 1-4	0
SBDI	15 Small Business Demand	Metering Charges	Manual No Charge	0
SBDTI	15 Small Business Demand (Transition)	Supply Charge		0.1506
SBDTI	15 Small Business Demand (Transition)	Peak Demand		0.2457
SBDTI	15 Small Business Demand (Transition)	Shoulder Demand		0.122
SBDTI	15 Small Business Demand (Transition)	Additional Demand		0
SBDTI	15 Small Business Demand (Transition)	Peak Usage		0.1046
SBDTI	15 Small Business Demand (Transition)	Supply Charge		0.1506
SBDTI	15 Small Business Demand (Transition)	Peak Demand		0
SBDTI	15 Small Business Demand (Transition)	Shoulder Demand		0.122
SBDTI	15 Small Business Demand (Transition)	Additional Demand		0
SBDTI	15 Small Business Demand (Transition)	Peak Usage		0.1046
SBDTI	15 Small Business Demand (Transition)	Meter Reading Charge	Monthly Type 5-6	0.132057
SBDTI	15 Small Business Demand (Transition)	Meter Reading Charge	No Charge	0
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Supplied Type 5-6	0.0337
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 5-6	0
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Supplied Type 1-4	1.7917
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 1-4	0
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Manual No Charge	0

CODE	DESCRIPTION	FIN_TRAN_CLASS	BILL_ALGORITHM_ITEM	CHARGE
SBDTI	15 Small Business Demand (Transition)	Meter Reading Charge	Monthly Type 5-6	0.132057
SBDTI	15 Small Business Demand (Transition)	Meter Reading Charge	No Charge	0
SBDTI	15 Small Business Demand (Transition)	Off Peak Usage		0.0609
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Supplied Type 5-6	0.0337
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 5-6	0
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Supplied Type 1-4	1.7917
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Meter Not Supplied Type 1-4	0
SBDTI	15 Small Business Demand (Transition)	Metering Charges	Manual No Charge	0
SBDTI	15 Small Business Demand (Transition)	Off Peak Usage		0.0609
SLVI	15 Small Low Voltage Demand (KVA)	Supply Charge		11.1338
SLVI	15 Small Low Voltage Demand (KVA)	Peak Demand		0.3189
SLVI	15 Small Low Voltage Demand (KVA)	Peak Demand		0.2627
SLVI	15 Small Low Voltage Demand (KVA)	Additional Demand		0.1282
SLVI	15 Small Low Voltage Demand (KVA)	Peak Usage		0.0307
SLVI	15 Small Low Voltage Demand (KVA)	Meter Reading Charge	Monthly Type 5-6	0.132057
SLVI	15 Small Low Voltage Demand (KVA)	Meter Reading Charge	No Charge	0
SLVI	15 Small Low Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 5-6	0.0337
SLVI	15 Small Low Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6	0
SLVI	15 Small Low Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
SLVI	15 Small Low Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
SLVI	15 Small Low Voltage Demand (KVA)	Metering Charges	Meter Supplied Type 1-4	1.7917
SLVI	15 Small Low Voltage Demand (KVA)	Metering Charges	Meter Not Supplied Type 1-4	0
SLVI	15 Small Low Voltage Demand (KVA)	Metering Charges	Manual No Charge	0
ZSN228I	NMI 2002276228 Zone Substation	Supply Charge		123
ZSN228I	NMI 2002276228 Zone Substation	Peak Usage		0.0222
ZSN228I	NMI 2002276228 Zone Substation	Peak Demand		0.2555
ZSN228I	NMI 2002276228 Zone Substation	Additional Demand		0.0983
ZSN228I	NMI 2002276228 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6	0
ZSN228I	NMI 2002276228 Zone Substation	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSN228I	NMI 2002276228 Zone Substation	Metering Charges	Meter Not Supplied Type 1-4	0
ZSN228I	NMI 2002276228 Zone Substation	Metering Charges	Meter Supplied Type 5-6	0.0337
ZSN228I	NMI 2002276228 Zone Substation	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
ZSN228I	NMI 2002276228 Zone Substation	Metering Charges	Meter Supplied Type 1-4	1.7917
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Supply Charge		0
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Peak Usage		0.0222
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Peak Demand		0.0983
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Additional Demand		0.0983
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Metering Charges	Meter Not Supplied Type 5-6	0
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Metering Charges	Meter Not Supplied Type 5-6 CT	0
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Metering Charges	Meter Not Supplied Type 1-4	0
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Metering Charges	Meter Supplied Type 5-6	0.0337
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Metering Charges	Meter Supplied Type 5-6 CT	0.2761
ZSNB230I	NMI 2002276230 Zone Substation (back-up)	Metering Charges	Meter Supplied Type 1-4	1.7917