



Supporting  
document 14.9

# **Network Negotiated Services & Public Lighting - 2019-20**

**2020-25 Revised  
Regulatory Proposal**  
10 December 2019



# NETWORK NEGOTIATED SERVICES & PUBLIC LIGHTING 2019/20

## Manual No. 18

**SA Power Networks**

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

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DATE	EXPLANATION
November 2017	<ul style="list-style-type: none"> <li>Included fee for CT/Wiring information into Section 6.</li> <li>As a result of meter contestability, Section 9 updated with additional configurations as a result of new scenarios and some product codes added to existing published service order configurations.</li> </ul>
June 2018	<ul style="list-style-type: none"> <li>Removal of Part Section 2, all of Sections 3, 4 (except Section 4.3.8), 5,7,8,9 to: SA Power Networks Tariff Price list and SA Power Networks Tariff Information.</li> <li>Review, update &amp; renumber remaining sections.</li> </ul>
June 2018	<ul style="list-style-type: none"> <li>Reinstated previously published metering services as shown on pages 22 – 24 and previously published Public Lighting Tariffs. In addition, revised public lighting services on page 45 &amp; page 46 to reflect LED.</li> </ul>
December 2018	<ul style="list-style-type: none"> <li>Minor amendments to page 30 – Data Logger Service description for elevated Position amended</li> <li>Amendment to page 18 – Fees for RI1FE and RI2FE were transposed hence changed to reflect correct charge for Retail Product Code.</li> </ul>
December 2018	<ul style="list-style-type: none"> <li>Include Additional Public Lighting tariffs in section 5</li> </ul>
January 2019	<ul style="list-style-type: none"> <li>New MK3 tariffs added to Section 5.2</li> </ul>
June 2019	<ul style="list-style-type: none"> <li>Review and update all Tariffs for 2019/20</li> <li>Publish Manual with new Tariffs via SAPN Internet</li> </ul>
August 2019	<ul style="list-style-type: none"> <li>Include additional Public Lighting Tariffs in Section 5.2</li> </ul>

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## 1. Introduction

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.

## 2. Requirements of The National Electricity Rules and The AER's Final Determination 2015-16 To 2019-20

SA Power Networks 2017/18 Pricing Proposal was prepared in accordance with Clause 6.18.2 of the Rules<sup>1</sup>. The Pricing Proposal defines the five tariff classes into which customers of its standard control services are 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 AER's 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.

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<sup>1</sup> 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. Negotiated Distribution Services

SA Power Networks June 2018 Pricing Proposal provides four distinct service types offered to customers seeking to either, establish or modify a connection with the distribution network or request another type of service for the convenience of the customer which is unrelated to a connection.

- **Basic Connection Services** - These connection services are of such a nature that a default charge can be calculated and listed in the indicative price list below.
- **Negotiated Connection Services** – These connection services are typically of a more complex nature or require larger capacity than Basic Connection Services. A fee will normally be charged for the provision of a connection offer. This fee is non-refundable and reflective of the resources consumed to consider the site-specific requirements. If the connection proceeds the fee will be deducted from the applicant's connection charges.
- **Negotiated Distribution Services** – These services are not directly related to connections and typically relate to ancillary services requested for the convenience of the customer. All fees charged for these services are non-deductable/non-refundable.
- **Developer Charges - Minor Real Estate Development (RD) Connections** – These connection services offered to Real Estate Developers are of such a nature that a default charge can be calculated and listed in the indicative price list below. The charges are limited to developments not exceeding nine (9) retail customers (excluding land lord meters). Larger developments than detailed in this section will be administered as a Negotiated Connection Service.

#### 3.1 Basic Connection Services

Basic connection services relate to a connection (or a proposed connection) between SA Power Networks distribution system and the customer's installation.

The basic connection services offered by SA Power Networks are listed in the table on indicative prices below. The provision of these services involves 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 making an application you are accepting 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 100 Amps. 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.

### 3.2 Negotiated Connection Services

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 4.1 above.

Examples of a Negotiated Connection Service are, but not limited to:

- Provision of a service to a new low voltage service pit/pillar that is located > 25 metres from the existing supply mains
- Installation of a stobie pole/s to provide for a low voltage service >25m from existing supply mains
- Services >100A single or three phase in a typical three phase area
- Services > 63A in a SWER area.

Negotiated Connection Services are charged at full cost of works plus augmentation charges if applicable minus an Incremental Revenue Rebate if applicable. In relation to a negotiated connection service for a customer's 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.

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

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.



**3.3.1 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 <100Amp	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. A customer may elect to trench to a pole on the same side of the street which is greater than 25 metres, but no further than 100 metres from their property boundary. The customer will be responsible for all costs associated with these works and obtaining all relevant authorities' approvals. 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.	\$607.00	\$667.70	BCS 100	N/A
1 phase or multi phase <100Amp	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.	\$3,200.00	\$3,520.00	BCS 136	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 <100Amp	Over to under service New pole required  <i>Existing block split into two (both applications received at the same time)</i>  (see diagram 4)	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.  To be applied in situations where a residential block has been divided into two and the applications for supply are received in a similar timeframe. This standard charge is to be applied to each customer.  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.	\$1,890.00	\$2,079.00	BCS 146	N/A
1 phase or multi phase <100Amp	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.	\$839.00	\$922.90	BCS 137	N/A
1 phase or multi phase <100Amp	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.	\$3,440.00	\$3,784.00	BCS 102	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 <100Amp	Overhead service on a new pole (see diagram 4)	<p>Provision of an overhead service from a new low voltage pole in lieu of an over to under service.</p> <p>To be applied in situations where a residential block has been divided into two and the applications for supply are received in a similar timeframe. This standard charge is to be applied to each customer.</p> <p>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.</p>	\$2,120.00	\$2,332.00	BCS 147	N/A
1 phase or multi phase <100Amp	Existing pit/pillar (see diagram 2)	<p>Provision of a service from an existing low voltage service pit/pillar that is located up to 25 metres from the property boundary.</p> <p>A customer may elect to trench to a pit on the same side of the street which is greater than 25 metres, but no further than 100 metres, from their property boundary. The customer will be responsible for all costs associated with these works and obtaining all relevant authorities' approvals.</p> <p>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.</p>	\$332.00	\$365.20	BCS 101	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 <100Amp	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.	\$4,970.00	\$5,467.00	BCS 144	N/A
1 phase or multi phase <100Amp	New pit/pillar (see diagram 4)	Provision of a service from a new low voltage service pit/pillar that is located up to 25 metres from the existing supply mains.  To be applied in situations where a residential block has been divided into two and the applications for supply are received in a similar timeframe. This standard charge is to be applied to each customer.  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.	\$2,630.00	\$2,893.00	BCS 148	N/A
1 phase or multi phase <100Amp (Within a Residential Development)	Over to under service (see diagram 1 or 1A)	Applies ONLY to residential developments from existing fully funded infrastructure. No Pioneer Scheme will apply.	No Charge	No Charge	BCS 138	N/A
1 phase or multi phase <100Amp (Within a Residential Development)	Overhead service (see diagram 3 or 3A)	Applies ONLY to residential developments from existing fully funded infrastructure. No Pioneer Scheme will apply.	No Charge	No Charge	BCS 139	N/A
1 phase or multi phase <100Amp (Within a Residential Development)	Underground connection from pit/pillar (see diagram 2)	Applies ONLY to residential developments from existing fully funded infrastructure. No Pioneer Scheme will apply.	No Charge	No Charge	BCS 140	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 <100Amp	Over to under service (see diagram 1 or 1A)	<p>Provision of a temporary over to under service on an existing stobie pole that is located up to 25 metres from the customer's property boundary on the mains side of the street.</p> <p>A customer may elect to trench to a pole greater than 25 metres, but no further than 100 metres, from their property boundary and on the same side of the street. The customer will be responsible for all costs associated with these works and obtaining all relevant authorities' approvals.</p> <p>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.</p>	\$607.00	\$667.70	BCS 103	N/A
Temporary Supply 1 phase or multi phase <100Amp	Over to under service on new pole (see diagram 1A)	<p>Provision of 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.</p> <p>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.</p>	Full Cost	Full Cost	BCS 104	N/A
Temporary Supply 1 phase or multi phase <100Amp	Overhead service on existing pole (see diagram 3 or 3A)	<p>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.</p> <p>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.</p>	\$839.00	\$922.90	BCS 141	N/A

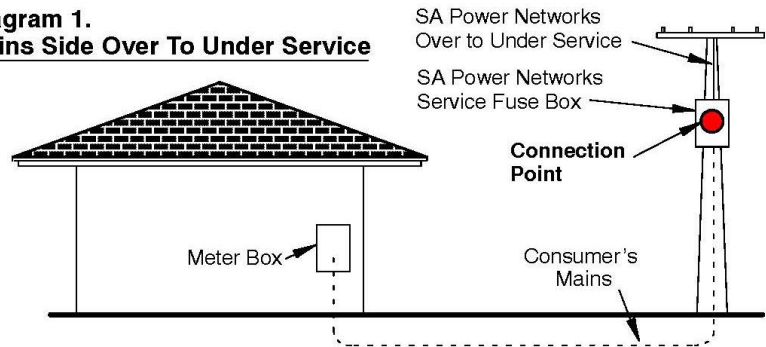
**New Supply – (Service provision charges excluding metering charges) (cont.)**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Temporary Supply 1 phase or multi phase <100Amp	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 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 will apply.	Full Cost	Full Cost	BCS 142	N/A
Temporary Supply 1 phase or multi phase <100Amp	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.  A customer may elect to trench to a pit which is greater than 25 metres, but no further than 100 metres from their property boundary, and on the same side of the street. The customer will be responsible for all costs associated with these works and obtaining all relevant authorities' approvals. 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	\$332.00	\$365.20	BCS 145	N/A
Temporary Supply 1 phase or multi phase <100Amp	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.  A customer may elect to trench to a pit which is greater than 25 metres, but no further than 100 metres from their property boundary, and on the same side of the street. The customer will be responsible for all costs associated with these works and obtaining all relevant authorities' approvals.  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.	Full Cost	Full Cost	BCS 143	N/A

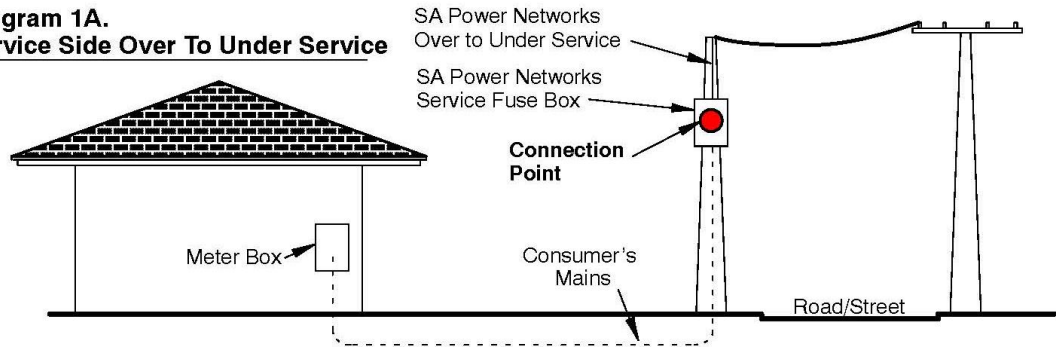
**3.3.2 Service Alterations (Service provision charges, excluding meter charges)**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Replace existing <100Amp 1 phase service or multi phase <100Amp 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.	\$607.00	\$667.70	BCS 106	N/A
Upgrade /Relocate/Alter or replace existing 1 phase or multi phase <100Amp overhead service	Overhead service (see diagram 3)	Customer request for an Upgrade / Relocation / Alteration or replacement of an existing overhead service.	\$839.00	\$922.90	BCS 107	N/A
Upgrade to a multi phase <100Amp 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.	\$607.00	\$667.70	BCS 109	N/A
Upgrade to a multi phase <100Amp 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.	\$332.00	\$365.20	BCS 110	N/A
Additional <100Amp service for a duplex split ie 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 customer's property boundary on the same side of the street and the requested number of phases are available	\$607.00	\$667.70	BCS 111	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	Multi phase <100Amp.	\$839.00	\$922.90	BCS 206	N/A

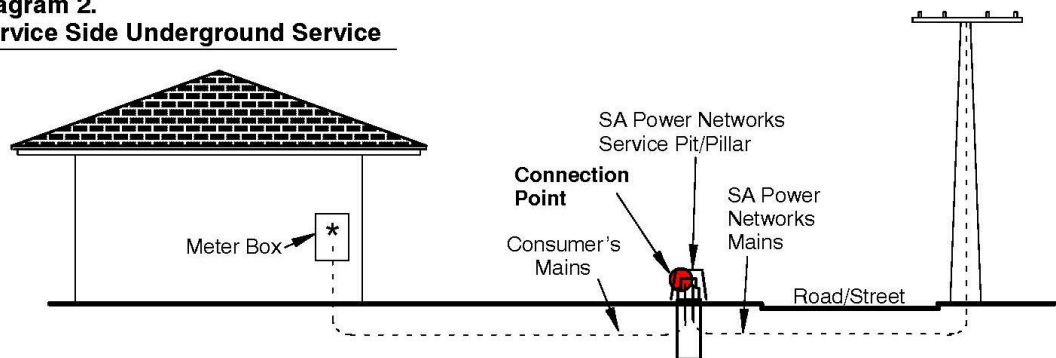
**Diagram 1.**  
**Mains Side Over To Under Service**



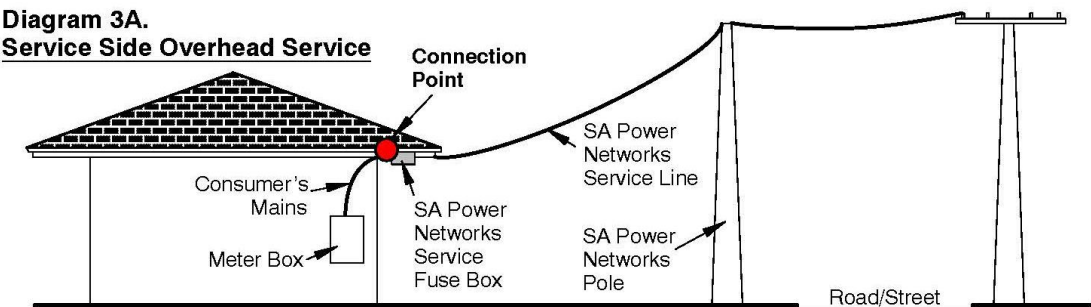
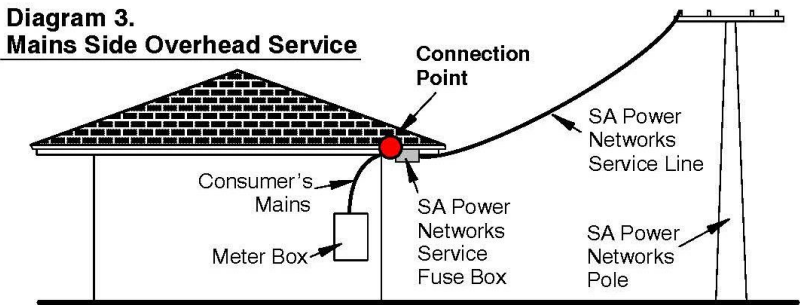
**Diagram 1A.**  
**Service Side Over To Under Service**



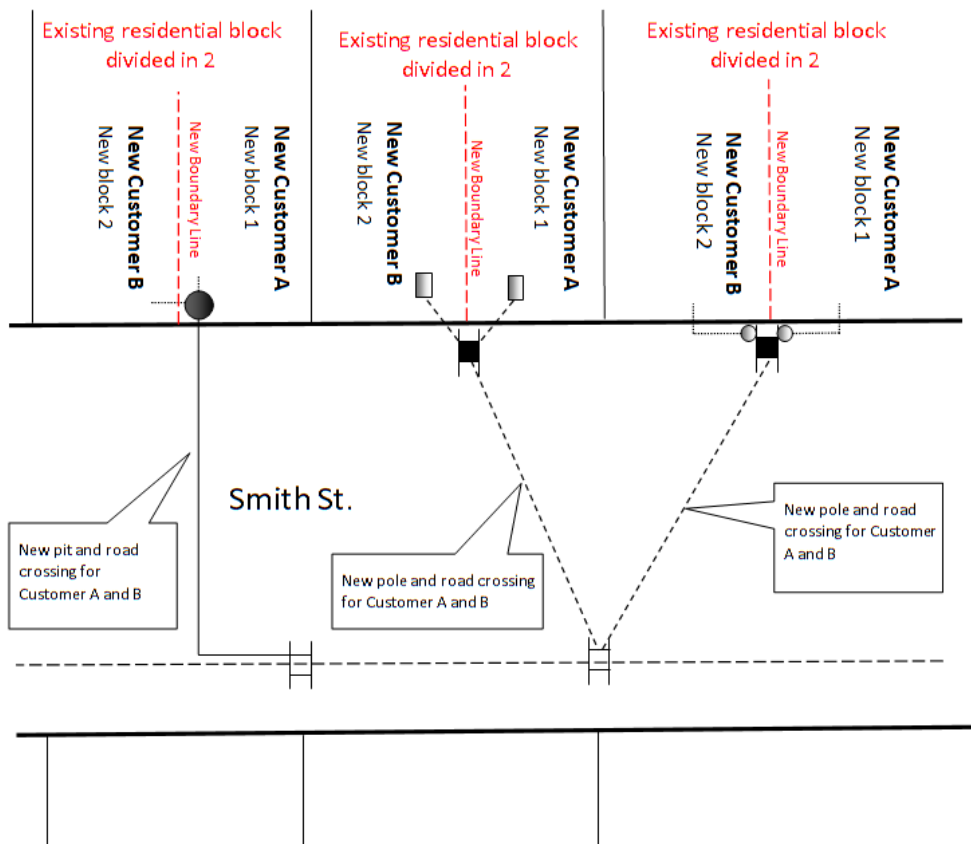
**Diagram 2.**  
**Service Side Underground Service**







**Diagram 4** Residential block has been divided into two and the applications for supply are received in a similar timeframe.



**3.3.3 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	\$839.00	\$922.90	NCS 204	N/A

**3.3.4 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 <100Amp service 1 phase or multi phase	Provision of an additional <100Amp 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) for single <100Amp applications.	Request for the permanent abolishment of the LV supply provision (This does not include the removal of additional distribution assets ie poles and transformers).		\$350.00	\$385.00	NDS 301	ABFE
Temporary Disconnect and Reconnect or Site Attendance for Customer	Requests for a temporary D/N and R/N of LV service, or site attendance, (<100Amp), requiring a line truck attendance.		\$550.00	\$605.00	NDS 302	N/A
	Requests for a temporary D/N and R/N of LV service, or site attendance, (<100Amp), requiring a single person crew attendance.		\$255.00	\$280.50	NDS 330	N/A
	Temporary isolation of customers LV supply, >100Amp capacity.		Full cost	Full cost	NDS 303	N/A
Temporary Disconnect and Reconnect or Site Attendance for Retailer	Requests for a temporary D/N and R/N of LV OH service or site attendance, (<100Amp), requiring a single person crew attendance.		\$255.00	\$280.50	NDS 430	RI1FE
	Requests for a temporary D/N and R/N of LV service, (<100Amp), requiring a Line Truck crew attendance.		\$550.00	\$605.00	NDS 431	RI2FE
	Temporary isolation of customers LV supply, >100Amp capacity.		Full cost	Full cost	NDS 432	RI3FE

### 3.3.5 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	\$1,970.00	\$2,167.00	NDS 340	N/A
		\$101k - \$200k project	\$3,260.00	\$3,586.00	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	\$337.00	\$370.70	NDS 345	N/A
		Hourly rate after 3 hrs normal time	\$110.00	\$121.00	NDS 346	N/A
		Hourly rate out of hours or part thereof	\$132.00	\$145.20	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	<p>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.</p> <p>The project value is considered as the cost for the Project Management + Capital Works + Civil Works.</p> <p>It does not include augmentation charges or Incremental Revenue Rebates.</p> <p>In a contestable scenario, the project value also includes the costs of the contestable works.</p>	Project Value \$0-100k	No charge	No charge	NDS 349	N/A
		Project Value \$101k-\$200k	\$590.00	\$649.00	NDS 425	N/A
		Project Value >\$200k or Multiple Offers – Full Cost	\$98.65/Hr	\$108.52/Hr	NDS 350	N/A
Firm Offer	<p>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 (ie non-refundable but deductible).</p> <p>The project value is considered as the cost for the Project Management + Capital Works + Civil Works.</p> <p>It does not include augmentation charges or Incremental Revenue Rebates.</p> <p>In a contestable scenario, the project value also includes the costs of the contestable works.</p>	Project Value <\$30k	No Charge	No charge	NDS 426	N/A
		Project Value \$31k-\$100k	\$1,000.00	\$1,100.00	NDS 351	N/A
		Project Value \$101k-\$200k	\$1,950.00	\$2,145.00	NDS 352	N/A
		Project Value > \$200k	Full cost	Full cost	NDS 353	N/A

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

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Firm Offer for Embedded Generation (including Energy Storage)	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	\$3,500.00	\$3,850.00	NDS 427	N/A
Embedded Generation (including Energy Storage) <30kW	Application and approval process for customer's embedded generation system in accordance with TS129	<30kW embedded generator	No Charge	No Charge	TBC	N/A

### 3.3.6 Metering Charges

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	\$95.00	\$104.50	NDS 308	MRFE
		Each additional meter	No charge	No charge	NDS 309	MRFA
Charge for meter removal	Includes both single and multiphase meters e.g. removal of redundant Controlled Load tariff meter (not permanent removal of supply or NM)	First meter	\$95.00	\$104.50	NDS 304	RMFE
		Each additional meter	No charge	No charge	NDS 305	RMFA
Import/Export and Type 5 metering (manually read interval meter)	Reprogram meter	Existing meters that are able to be reprogrammed for import/export	\$95.00	\$104.50	BCS 130	MRFE
Monthly Meter Reading Fee (extra cost of monthly meter reading)	Daily Charge	Charge per day	\$0.143306	\$0.157637	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	\$120.00	\$132.00	NDS 355	N/A
Charge for Meter Test where SAPN is MC	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	\$139.00	\$152.90	NDS 356	SPFE
		Each additional single phase meter	No charge	No charge	NDS 357	SPFA
		3 Phase Meter	\$139.00	\$152.90	NDS 358	MPFE
		Each additional multi phase meter	No charge	No charge	NDS 359	MPFA

### Metering Charges (cont.)

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Charge for Meter Test (where an appointment has been requested by the customer's retailer) where SAPN is MC	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	\$329.00	\$361.90	N/A	APTMT
		Each additional single phase meter	No charge	No charge	N/A	APTMT
		3 Phase Meter	\$329.00	\$361.90	N/A	APTMT
		Each additional multi phase meter	No charge	No charge	N/A	APTMT
Type 1-4 Type Meter Charges (Meter provision only excludes meter read fees)	Installation where reliable mobile telecommunications service is available		Full Cost	Full cost	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	\$722.00	\$794.20	NDS 314	N/A
	Exit Fee where meter is removed within the first 12 months of installation.		\$1,203.00	\$1,323.30	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
	Exit Fee - Applies to network customers with Type 1-4 (non-exceptional) meter where the meter is removed any time after the first 12 months of installation.	Charge per meter per exit transaction	\$662.00	\$728.20	NDS 319	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	\$70.00	\$77.00	NDS 324	N/A
		Existing premise installation charge	\$206.00	\$226.60	NDS 325	N/A
		Annual asset fee - this is in addition to the Type 5 Meter annual fee	\$402.00	\$442.20	NDS 326	N/A
		Exit fee for the communications device	\$206.00	\$226.60	NDS 327	N/A



**Metering Charges (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
Type 6 Meter Charges	Applies to large customers (>160MWh pa) having a Type 6 meter.	Charge per meter per annum	\$263.00	\$289.30	NDS 328	N/A
	Exit Fee - Applies to large network customers with Type 6 meter churning to another meter provider.	Charge per meter per exit transaction	\$292.00	\$321.20	NDS 329	N/A
Metering CT/Wiring Requests	Applies to requests for SA Power Networks to provide information on existing or past SA Power Networks owned CT installations.	CT/Wiring	Full cost	Full cost		
Meter Inspection Fee where SAPN is MC	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	\$37.00	\$40.70	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	\$185.00	\$203.50	N/A	APTIN
		Each additional meter	No charge	No charge	N/A	APTIN
Special Meter Reader Visit	A Special Meter Reading Visit occurs when a customer requests a check read or special read at a Service Provision.		\$15.00	\$16.50	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.		\$95.80	\$105.38	NDS 387	N/A
	A Special Meter Reading visit which is subsequently cancelled.		\$15.00	\$16.50	NDS 388	N/A
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.		\$15.00	\$16.50	NDS 389	SUB

### 3.3.7 Miscellaneous Fees

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
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	\$139.00	\$152.90	NDS 360	SPFE
		3 phase Installation	\$139.00	\$152.90	NDS 362	MPFE
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 (ie 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	\$50.00/kVAr	\$55.00/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 customer convenience.		Full cost	Full cost	NDS 368	N/A
Service pit / pillar Relocation	Relocation of an existing electricity pit / pillar for 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. <b>(NOTE:</b> 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	\$410.00	\$451.00	NDS 371	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	\$111.00	\$122.10	NDS 374	N/A
		Over 1 hour in Normal Time	\$111.00 Per hour or part thereof	\$122.10 Per hour or part thereof	NDS 375	N/A
		Out of Normal Time	\$222.00 Per hour or part thereof	\$244.20 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 1 hour's work - per request	\$89.00	\$97.90	NDS 377	N/A
		Over 1 hour 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.		\$144.00	\$158.40	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 \$291.00 for admin and billing	Full cost plus \$320.10 for admin and billing	NDS 380	N/A
Network Access Management Fee	Management of access request.	Where under 1/2 day of planning required	\$291.00	\$320.10	NDS 381	N/A
Network Access Request Cancellation Fee	Where cancellation of a Network Access Permit is within less than 2 full business days' prior to confirmed date.		\$291.00	\$320.10	NDS 429	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 – Scheduled Customer Connection Appointment	Where SA Power Networks was unable to complete the scheduled connection or metering works due to the customer's installation not being ready or compliant.		\$175.00	\$192.50	NDS 396	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.		\$175.00	\$192.50	NDS 420	N/A

### Miscellaneous Fees (cont.)

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
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 and checking of route if over 1 hour	\$144.00	\$158.40	NDS 390	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
Late Cancellation of Connection Appointment	Where a connection or metering appointment is cancelled within less than 2 full business days' notice prior to the connection date by the customer or their agent.		\$87.00	\$95.70	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	\$242.00	\$266.20	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	\$436.00 plus \$109.00 per hour thereafter	\$479.60 plus \$119.90 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.		\$74.80	\$82.28	NDS 400	N/A

**Miscellaneous Fees (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
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.	Fixed appointment up to 3hrs (inc requests for specific time and weekends).	\$202.00 per person	\$222.20 per person	NDS 401	N/A
Fee for Reconnection and Disconnection (Retailer Fee)	Includes fee for disconnection and reconnection of supply (if a service order is subsequently cancelled by the retailer, the same fee applies).	D/N at meter	\$45.50	\$50.05	NDS 403	DNFE
		R/C at meter	\$45.50	\$50.05	NDS 404	RCFE
		R/C at meter A/Hours	\$95.80	\$105.38	NDS 405	RCAH
	The fee for reconnection or disconnection at Pillar Box or Pole Top (if a service order is subsequently cancelled by the retailer, the same fee applies).	D/N at Pillar Box or Pole Top	Full cost	Full cost	NDS 406	PDNFE
		R/C at Pillar Box or Pole Top	Full cost	Full cost	NDS 407	PRCFE
		R/C at Pillar Box or Pole Top A/Hours	Full cost	Full cost	NDS 408	PDNAH
Charge for swing and sag calculation	This charge provides for Project Management and the survey work undertaken in preparing and issuing a swing and sag calculation letter for the customer to present to the Office of the Technical Regulatory. This fee is non-refundable and non-deductible. This fee does not provide for the issuing of spatial model files or related data. Provision of this data will be at full cost.	Up to and including 11kV	\$1,302.00	\$1,432.20	NDS 419	N/A
		Voltages >11kV	\$1,737.00	\$1,910.70	NDS 428	N/A



**Miscellaneous Fees (cont.)**

Category	Service Description	Option	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code	Retail Product Code
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
Data Logger Service	Charges for embedded generation data loggers where the customer requests SA Power Networks to provide the service as part of their commissioning requirements.	Logger at switchboard or padmount (ground level) for a 7 day period (per installation)	\$920.00	\$1,012.00		N/A
		Logger at elevated position (pole top) for a 7 day period (per installation)	\$1,530.00	\$1,683.00		N/A

### 3.4 Developer Charges - Minor Real Estate Development (RD) Connections

This section is to be utilised for Real Estate Developments where the number of metered retail customers does not exceed nine (9) (excluding a landlord meter).

A Real Estate Development is any development where:

- Three or more property titles are created from one or more allotments. They may be classified in various forms but typically will be Torrens Title, Community Title or Strata Title;
- Multi tenanted sites with three or more metered retail customers

The method of supply can be from either, overhead or underground distribution infrastructure.

#### 3.4.1 Incremental Revenue Rebate (IRR) - Minor Real Estate Development Connections

An average IRR has been calculated based on a state-wide average and has been applied in the selection tables. In calculating the IRR for a development of this nature, consideration was given to:

- The specified design ADMD to be applied to the individual residential sites in the development
- The use of alternate energy sources
- The expected take-up rate for connection services within a development
- Calculated over a 30-year period

(A negotiated connection offer is required for any RD project exceeding 9 metered retail connections).

#### 3.4.2 Augmentation Charges

Augmentation charges have been applied in accordance with the SA Power Networks Connection Policy (published June 2015). The appropriate augmentation charges based on Dollars per kVA have been considered and applied in the selection tables.

##### ADMD Selection Table

Select the ADMD allocation from the table below, based on the intended dwelling size. If you are unable to confirm dwelling size, assume 6 kVA.

Apply the ADMD chosen in the KVA/Connection row of the selection tables to arrive at the appropriate charge for the development.

DESCRIPTION: Average URD Dwelling Sizes for the Development	ADMD (kVA)
Villas, Townhouses, Apartments (<12 squares/110m <sup>2</sup> )	4
Small to Medium (12 - 20 squares/110 - 185m <sup>2</sup> )	5
Medium to Large (20 – 30 squares/185 – 280m <sup>2</sup> )	6
Large (>30 squares/280 m <sup>2</sup> )	8

## New Supply - Small Residential Developments ranging between 3 - 9 Retail Connections (assumed ADMD of 6kVA per dwelling)

**Multiple Service Points** (Typically Torrens Title) - Total ADMD less than or equal to 70kVA (100A)

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code
1 phase or multi phase ≤ 100 Amp	<p>Establish a new connection through an Over / Under service point on an <u>Existing</u> Pole, or connect to an <u>Existing</u> fused or unfused pit / pillar.</p> <p>Applicable to each individual connection point requested for the development.</p> <p><u>Example</u> - A nine unit development will receive this charge for each of the nine connections.</p>	<p>Provision of an over to under service on an existing pole, or provision of a fused or unfused connection point from the underground network. The existing connection point must be located within 25 metres of the property boundary and able to accommodate the additional service(s). The most suitable connection point will be determined by SA Power Networks.</p> <p>Modifications (excluding extensions) to existing infrastructure to accommodate the new connection will be treated as augmentation and will not attract additional connection charges.</p>	\$607.00	\$667.70	BCS 150 (Charge applied per Connection)

## New Supply - Small Residential Developments ranging between 3 - 9 Retail Connections (assumed ADMD of 6kVA per dwelling)

**Single Service Point** (Typically Community Title) - Total ADMD less than or equal to 70kVA (100A)

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code
1 phase or multi phase ≤ 100 Amp	<p>Establish a new connection through a single Over / Under service point on an <u>Existing</u> Pole, or connect to an <u>Existing</u> fused or unfused pit / pillar.</p> <p>Only one connection point will be provided to a common meter board, load limited to ≤ 100 Amp.</p>	<p>Provision of an over to under service on an existing pole, or provision of a fused or unfused connection point on the underground network. The existing connection point must be located within 25 metres of the property boundary and able to accommodate an additional service. The most suitable connection point will be determined by SA Power Networks.</p> <p>Modifications (excluding extensions) to existing infrastructure to accommodate the new connection will be treated as augmentation and not attract additional connection charges.</p>	\$607.00	\$667.70	BCS 151

## New Supply - Small Residential Developments ranging between 3 - 9 Retail Connections (assumed ADMD of 6kVA per dwelling)

**Extension of Distribution Network Required By Developer**

Category	Service Type	Service Description	Price (GST Exclusive)	Price (GST Inclusive)	Fee Code
1 phase or multi phase ≤ 100 Amp requiring extension of the distribution network.	<p><u>Extend</u> the distribution network by installing one new pole and Over/ Under service point.</p> <p><u>Single service points</u> - this will be the only charge as it includes the provision of one only connection point.</p> <p><u>Multiple Service Points</u> - This charge includes the provision of one only connection point, all subsequent connections will attract the BCS 150 fee per connection.</p>	<p>Provision of an over to under service on a new pole which includes a single span <u>Extension</u> of LV ABC mains up to 25 metres from the existing supply mains.</p> <p>Extensions &gt;25m, or developments requiring multiple extensions will be assessed as a negotiated offer and a site specific negotiated offer will be required in accordance with the connection policy.</p>	\$7,500.00	\$8,250.00	ProEst Code SS3618B
1 phase or multi phase ≤ 100 Amp requiring extension of the distribution network.	<p><u>Extend</u> the distribution network by installing one new fused or unfused pit / pillar as the connection point.</p> <p><u>Single service points</u> - this will be the only charge as it includes the provision of one only connection point.</p> <p><u>Multiple Service Points</u> - This charge includes the provision of one only connection point, all subsequent connections will attract the BCS 150 fee per connection.</p>	<p>Provision of a fused or unfused service pit / pillar including the <u>Extension</u> of the underground low voltage network up to 25 metres from the existing supply mains.</p> <p>Extensions &gt;25m, or developments requiring multiple extensions will be assessed as a negotiated offer and a site specific negotiated offer will be required in accordance with the connection policy.</p>	\$15,000.00	\$16,500.00	ProEst Code SS3618C

### 3.4.3 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	\$265.00	\$291.50	NDS 409	N/A
		360W HPS	\$265.00	\$291.50	NDS 410	N/A
	Erection and removal of a light on an existing pole or column.	360W HPS	\$206.00	\$226.60	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)	\$421.00	\$463.10	NDS 412	N/A
	Where a school requests light and agrees to retain it for a minimum 5 years.	360W HPS & 400W MV	\$130.00	\$143.00	NDS 414	N/A
Installation of an Aero screen	Conversion of existing fitting to reduce glare		\$87.85 plus remaining SLUoS if less than 15 years old	\$96.64 plus remaining SLUoS if less than 15 years old	NDS 415	N/A
	New Installation	80W MV, 50 HPS or 42W CF	\$93.10	\$102.41	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		Full Cost	Full Cost	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, ie non CLER.	Per Hour	\$104.00	\$114.40	NDS 418	N/A

## 4. Unmetered Supply Tariffs

This section covers unmetered Tariffs. For all other energy tariffs, refer to SA Power Networks published Tariff Price List and Tariff Information.

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 and the Retailer (AGL), 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 an 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 (Manager Network Standards & Performance);
- 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:

- **Lighting on SAPN assets** – Where SA Power Networks maintains the light fittings. The lighting is installed by SA Power Networks on SA Power Networks' poles or columns for illumination of roadways, pathways, car parks, and public spaces. This category also includes lighting standards installed to SA Power Networks specifications in URDs. Lighting under SLUoS is owned and maintained by SA Power Networks. Ownership and warranty management for light fittings under SAPN, TFI, and PLC tariffs are specified in Public Lighting Tariffs 2018/2019;
- **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 assets
- Bus shelters



## 4.1 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 eg public telephones, traffic signals, council lighting, parking machines, bus shelters and NBN Cubicles etc.	Over to under service on existing pole (see diagram 1)	Provision of an over to under service on an existing low voltage stobie pole. 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.	\$607.00	\$667.70	BCS 112	N/A
1 phase unmetered supply only for approved applications eg public telephones, traffic signals, council lighting, parking machines, bus shelters and NBN Cubicles etc.	Existing pit/pillar (see diagram 2)	Provision of a connection 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.	\$332.00	\$365.20	BCS 149	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 or light column. Single connection. (Multiple connections at the one location will incur additional costs).	Facilities Access Agreement must also be in place before connection. Charges will be applied as per new supply charges	N/A	N/A	NDS 392	N/A

## 5. Public Lighting Tariffs 2019/20

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.

### 5.1 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 luminaire output 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 luminaire output 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 luminaire output 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.
- 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 luminaire output 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.

## 5.2 Fees for Provision of Public Lighting 2019/20

### BYO Device Lighting Tariffs

SA Power Networks is considering the development of public lighting tariffs for luminaire/lamp/control combinations defined by customers for use on SA power Networks' infrastructure. That is, flexible tariff arrangements for assets outside of the list of standard luminaires set out below and tailored to meet the customer's specific requirements.

It is envisaged that special terms and conditions would be developed in collaboration with the customer or customer groups to facilitate the provision of such a service. To register interest or to obtain further information, please contact us via email at this address: [roadlighting@sapowernetworks.com.au](mailto:roadlighting@sapowernetworks.com.au).

### 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 section 5.

Tariff values are expressed in AUD per annum.

PVL means Present Value of Luminaire. This is the (maximum) base cost used in the SAPN to PLC transition calculations for the purposes of the Standard Tariff Agreement. This only applies to SAPN Tariff Luminaires.

Metered Light Reporting Tariff relates to customer-owned lights, that are included in the lighting database and included in our public reporting system, but that are not subject to the lighting unmetered supply arrangements managed by SA Power Networks.

Tariff Type		Luminaire	Road Cat.	Light Code	Tariff Exc. GST	Tariff Inc. GST	PVL
<b>Metered Light Reporting (MLR) Tariff</b>							
SLO		All Metered Lights			4.89	5.38	N/A
<b>SAPN (Funded) LED Tariffs</b>							
SAPN		Sylvania StreetLED 25W	P	LED29	86.62	95.28	531.00
SAPN		Sylvania StreetLED 18W	P	LED22	86.62	95.28	487.00
SAPN		Sylvania StreetLED MK2 14W	P	LED17	86.62	95.28	459.00
SAPNS		Sylvania StreetLED MK2 14W	P	LED17	80.19	88.21	410.00
SAPN		Sylvania StreetLED MK3 14W	P	LED17	80.19	88.21	410.00
SAPN		Sylvania StreetLED 24W	P	LED24	99.88	109.87	501.00
SAPN		Sylvania Kensington 14W	P	LED17	187.69	206.46	1,520.00
SAPN		Bourke Hill LED 22W	P	LED22	141.68	155.85	1,239.00
SAPN		Sylvania B2001 34W	P	LED34	148.90	163.79	1,116.00
SAPN		Aldridge LED 198W	V	LED198	173.75	191.13	1,354.00
SAPN		Aldridge LED 105W	V	LED105	173.75	191.13	1,307.00
SAPN		Sylvania RoadLED Midi 150W	V	LED150	117.26	128.99	845.00
SAPN		Sylvania RoadLED Midi 80W	V	LED80	116.03	127.63	845.00
SAPN		Sylvania RoadLED Midi 60W	V	LED60	113.59	124.95	809.00
<b>TFI (Transferred Infrastructure) LED Tariffs</b>							
TFI		Sylvania StreetLED 25W	P	LED29	65.35	71.89	N/A
TFI		Sylvania StreetLED 18W	P	LED22	65.35	71.89	
TFI		Sylvania StreetLED MK2 14W	P	LED17	65.35	71.89	
TFI		Sylvania StreetLED MK3 14W	P	LED17	65.35	71.89	
TFI		Sylvania StreetLED 24W	P	LED24	75.15	82.67	
TFI		Sylvania Kensington 14W	P	LED17	116.34	127.97	
TFI		Bourke Hill LED 22W	P	LED22	91.61	100.77	
TFI		Sylvania B2001 34W	P	LED34	103.37	113.71	
TFI	*	Pecan NXT 12S 525 20W	P	LED20	70.13	77.14	
TFI	*	Pecan NXT 24S 350 29W	P	LED28	70.13	77.14	
TFI	*	Pecan SAT 48S 44W	P	LED43	81.02	89.12	
TFI	*	Pecan NXT 24S 450 35W	P	LED35	70.13	77.14	
TFI		Aldridge LED 198W	V	LED198	104.53	114.98	
TFI		Aldridge LED 105W	V	LED105	104.53	114.98	
TFI	*	Pecan SAT 48S 72W	V	LED72	81.02	89.12	
TFI	*	Pecan NXT 72M 350 78W	V	LED79	83.87	92.26	
TFI	*	Pecan NXT 72M 117W	V	LED117	83.87	92.26	
TFI		Sylvania RoadLED Midi 150W	V	LED150	86.11	94.72	
TFI		Sylvania RoadLED Midi 80W	V	LED80	84.89	93.38	
TFI		Sylvania RoadLED Midi 60W	V	LED60	83.67	92.04	

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Tariff Type		Luminaire	Road Cat.	Light Code	Tariff Exc. GST	Tariff Inc. GST	PVL
Public Lighting Customer (Funded) LED Tariffs							
PLC		Sylvania StreetLED 25W	P	LED29	50.48	55.53	N/A
PLC		Sylvania StreetLED 18W	P	LED22	50.48	55.53	
PLC		Sylvania StreetLED MK2 14W	P	LED17	50.48	55.53	
PLC		Sylvania StreetLED MK3 14W	P	LED17	50.48	55.53	
PLC		Sylvania StreetLED 24W	P	LED24	50.48	55.53	
PLC		Sylvania Kensington 14W	P	LED17	64.94	71.43	
PLC		Bourke Hill LED 22W	P	LED22	51.30	56.43	
PLC		Sylvania B2001 34W	P	LED34	64.90	71.39	
PLC		Aldridge LED 198W	V	LED198	57.71	63.48	
PLC		Aldridge LED 105W	V	LED105	57.71	63.48	
PLC		Sylvania RoadLED Midi 150W	V	LED150	58.02	63.82	
PLC		Sylvania RoadLED Midi 80W	V	LED80	56.80	62.48	
PLC		Sylvania RoadLED Midi 60W	V	LED60	56.80	62.48	
Customer Lantern Equipment Rate LED Tariffs							
CLER		Sylvania StreetLED 25W	P	LED29	17.71	19.48	N/A
CLER		Sylvania StreetLED 18W	P	LED22	17.71	19.48	
CLER		Sylvania StreetLED MK2 14W	P	LED17	17.71	19.48	
CLER		Sylvania StreetLED MK3 14W	P	LED17	17.71	19.48	
CLER		Aldridge LED 198W	V	LED198	24.43	26.87	
CLER		Aldridge LED 105W	V	LED105	24.43	26.87	
CLER		Sylvania RoadLED 150W	V	LED150	24.43	26.87	
CLER		Sylvania RoadLED 80W	V	LED80	24.43	26.87	
CLER		Sylvania RoadLED 60W	V	LED60	24.43	26.87	
Energy Only LED Tariffs							
EO		All EO Lights	P/V		5.70	6.27	N/A
SAPN, TFI & PLC HID Tariffs							
SAPN		Compact Fluorescent Post Top 42	P	F42	178.22	196.04	N/A
PLC		Compact Fluorescent Post Top 42	P	F42	107.09	117.80	
Street Lighting Use of System HID Tariffs							
SLUOS		Fluorescent 40	P	F40	87.33	96.06	N/A
SLUOS		Compact Fluorescent 42	P	F42	75.73	83.30	
SLUOS		Fluor/Gas Tube 2x14	P	F14X2	75.73	83.30	
SLUOS		Fluorescent 2x20	P	F20x2	94.25	103.68	
SLUOS		Fluorescent 2x40	P	F40x2	94.25	103.68	
SLUOS		Fluorescent 4x40	P	F40x4	101.07	111.18	
SLUOS		Sodium 18 LP	P	L18	122.96	135.26	
SLUOS		Sodium 26 LP	P	L26	122.96	135.26	
SLUOS		Sodium 50 HP	P	S50	85.30	93.83	
SLUOS		Mercury 50	P	M50	68.81	75.69	
SLUOS		Mercury 80	P	M80	64.23	70.65	
SLUOS		Incandescent 100	P	I100	105.75	116.33	
SLUOS		Metal Halide 100	P	MH100	107.28	118.01	



Tariff Type		Luminaire	Road Cat.	Light Code	Tariff Exc. GST	Tariff Inc. GST	PVL
SLUOS		Metal Halide 150	P	MH150	107.28	118.01	N/A
SLUOS		Metal Halide 250	P	MH250	107.28	118.01	
SLUOS		Metal Halide 400	P	MH400	107.28	118.01	
SLUOS		Sodium 55 LP	V	L55	101.38	111.52	
SLUOS		Sodium 70 HP	V	S70	83.06	91.37	
SLUOS		Sodium 90 LP	V	L90	84.18	92.60	
SLUOS		Sodium 135 LP	V	L135	86.31	94.94	
SLUOS		Mercury 125	V	M125	67.69	74.46	
SLUOS		Mercury 250	V	M250	67.69	74.46	
SLUOS		Mercury 400	V	M400	71.15	78.27	
SLUOS		Mercury 2x400	V	M400x2	71.15	78.27	
SLUOS		Metal Halide 125	V	MH125	107.28	118.01	
SLUOS		Sodium 100 HP	V	S100	89.88	98.87	
SLUOS		Sodium 150 HP	V	S150	70.84	77.92	
SLUOS		Sodium 250 HP	V	S250	70.94	78.03	
SLUOS		Sodium 400 HP	V	S400	79.80	87.78	
Customer Lantern Equipment Rate HID Tariffs							
CLER		Fluorescent 20	P	F20	53.33	58.66	N/A
CLER		Fluorescent 40	P	F40	53.33	58.66	
CLER		Compact Fluorescent 42	P	F42	41.73	45.90	
CLER		Fluor/Gas Tube 2x8	P	F8x2	41.73	45.90	
CLER		Fluor/Gas Tube 2x14	P	F14x2	41.73	45.90	
CLER		Fluorescent 2x20	P	F20x2	60.26	66.29	
CLER		Fluorescent 2x40	P	F40x2	60.26	66.29	
CLER		T5	P	F8x2	41.73	45.90	
CLER		Sodium 18 LP	P	L18	88.96	97.86	
CLER		Sodium 26 LP	P	L26	88.96	97.86	
CLER		Sodium 50 HP	P	S50	51.30	56.43	
CLER		Mercury 50	P	M50	34.91	38.40	
CLER		Mercury 70	P	M70	34.91	38.40	
CLER		Mercury 80	P	M80	30.33	33.36	
CLER		Metal Halide 50	P	MH50	73.28	80.61	
CLER		Metal Halide 70	P	MH70	73.28	80.61	
CLER		Metal Halide 100	P	MH100	73.28	80.61	
CLER		Metal Halide 150	P	MH150	73.28	80.61	
CLER		Metal Halide 250	P	MH250	73.28	80.61	
CLER		Metal Halide 400	P	MH400	73.28	80.61	
CLER		Sodium 55 LP	V	L55	67.38	74.12	
CLER		Sodium 70 HP	V	S70	49.06	53.97	
CLER		Sodium 90 LP	V	L90	50.28	55.31	

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Tariff Type		Luminaire	Road Cat.	Light Code	Tariff Exc. GST	Tariff Inc. GST	PVL
CLER		Sodium 135 LP	V	L135	52.42	57.66	N/A
CLER		Mercury 100	V	M100	33.79	37.17	
CLER		Mercury 125	V	M125	33.79	37.17	
CLER		Mercury 250	V	M250	33.79	37.17	
CLER		Mercury 400	V	M400	37.15	40.87	
CLER		Mercury 2x400	V	M400x2	37.15	40.87	
CLER		Metal Halide 125	V	MH125	73.28	80.61	
CLER		Sodium 100 HP	V	S100	55.88	61.47	
CLER		Sodium 150 HP	V	S150	36.95	40.65	
CLER		Sodium 250 HP	V	S250	36.95	40.65	
CLER		Sodium 400 HP	V	S400	45.80	50.38	
Energy Only HID Tariffs							
EO		All EO Lights	P/V		5.70	6.27	N/A
Flood Light HID Tariffs							
SLUOS		Mercury Flood 250		M250 F	175.37	192.91	N/A
SLUOS		Mercury Flood 400		M400 F	175.37	192.91	
SLUOS		Mercury Flood 1000		M1000 F	175.37	192.91	
SLUOS		Sodium Flood 360 HP		S360 F	175.37	192.91	
SLUOS		Sodium Flood 400 HP		S400 F	175.37	192.91	
SLUOS		Incandescent Flood 500		I500F	175.37	192.91	
SLUOS		Incandescent Flood 750		I750 F	175.37	192.91	
SLUOS		Incandescent Flood 1500		I1500 F	175.37	192.91	
CLER		Mercury Flood 80		M80 F	81.12	89.23	
CLER		Mercury Flood 250		M250 F	81.12	89.23	
CLER		Mercury Flood 400		M400 F	81.12	89.23	
CLER		Mercury Flood 750		M750 F	81.12	89.23	
CLER		Mercury Flood 1000		M1000 F	81.12	89.23	
CLER		Sodium Flood 400 HP		S400 F	81.12	89.23	
CLER		Incandescent Flood 150		I150 F	81.12	89.23	
CLER		Incandescent Flood 1500		I1500 F	81.12	89.23	
EO		Mercury Flood 400		M400 F	5.70	6.27	
EO		Sodium Flood 400 HP		S400 F	5.70	6.27	
Other Tariffs							
SLUOS		Long pipe bracket			10.69	11.76	N/A