Annual Pricing Proposal 2021/22

April 2021

SA Power Networks

Empowering South Australia

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Executive Summary

This Annual Pricing Proposal (**APP**) has been prepared by SA Power Networks under the requirements of the National Electricity Rules (**NER**), to provide details of SA Power Networks' proposed 2021/22 distribution and metering service charges. Comprehensive information on the tariffs for each type and size of customer has been included in this proposal.

SA Power Networks' revenue for managing the distribution network in 2021/22 has been set by the AER at $768.395M. This allowance is before the addition of incentives associated with the Service Incentive Scheme (**STPIS**) of 5.656% and represents a 1.0% nominal reduction in distribution revenues. After incentives, the Total Allowed Revenue is $811.859M in 2021/22 ($808.658M 2020/21).

Tariffs have been set to recover $791.702M for 2021/22 comprising allowed revenue of $811.859M, offset by an under recovery of $20.157M. This compares with estimated recovery of $829.072M in 2020/21 (which includes $20.414M of over recovery).

The tariffs in this APP have been prepared to incorporate the tariff structures associated with our 2020-25 Approved Tariff Structure Statement (**TSS**). Sales volumes have been adjusted in both the 2020/21 APP Estimate and 2021/22 APP Forecast, compared to the Revised TSS, to reflect changes in customer usage.

2020/21 Estimate

Residential including Hot Water

- Weather: The mild summer contributed to a -72.5 GWh (-2.0%) reduction in usage.
- COVID-19/Other: Increased usage by 174.0 GWh/(4.7%) was driven predominately by COVID-19. There was no allowance for the impact of COVID-19 in the 2020/21 APP Residential sales volume forecast.

Business (Small/Large/HV)

- Weather: The mild summer contributed to a -41.1 GWh (-0.8%) reduction in usage.
- COVID-19/Other: Decreased usage by -219.3 GWh (-4.4%) was driven predominately by COVID-19. A -1.9% reduction for the impact of COVID-19 was included in the 2020/21 APP Business sales volume forecast. Actual decrease in usage has shown that there has been a further -2.5% impact predominately due to COVID-19, i.e. the full year COVID-19 impact is estimated at -4.4%.

Major Business

- Operations: Decreased usage of -29.2 GWh (-2.4%). Both weather and COVID-19 are not the drivers for this reduction, rather it is driven by the change in some Major Business operations.

2021/22 Forecast

Residential including Hot Water

- Weather: There has been no additional allowance made for the impacts of weather.
- COVID-19/Other: An increase in usage of 86.8 GWh (2.4%) has been incorporated to reflect a new 'COVID-19 Normal' and represents half of the impact on Residential recorded in 2020/21 Estimate. It is expected that people will continue to resume work in the offices of their employer however it is far more common for employees to have a formal working from home arrangement for several days a week, thereby contributing to the sustained increase in Residential usage.
- Voltage Management: The deployment of an enhanced voltage management system across the distribution network allows active management of voltages and concurrently reduces the volumes of energy consumed by customers. A decrease of -51.2 GWh (-1.4%) has been incorporated.

Business (Small/Large/HV)

- Weather: There has been no additional allowance made for the impacts of weather.
- COVID-19/Other: A reduction in usage of -107.5 GWh (-2.2%) has been incorporated to reflect a new 'COVID-19 Normal' and represents half of the impact on Business recorded in 2020/21 Estimate. It is considered that as the economy commences its recovery and the general population becomes immunised Business will recover however it won't be to the pre COVID-19 levels with some of the Business use now being recorded in Residential due to permanent working from home arrangements.
- Voltage Management: The deployment of an enhanced voltage management system across the distribution network allows active management of voltages and concurrently reduces the volumes of energy consumed by customers. A decrease of -67.7GWh (-1.4%) has been incorporated.

Major Business

- Operations: A change in one major customer's operations in 2021/22 has been incorporated with a -107.0 GWh (-9.0%) reduction in usage.

The table below compares the revenue that would have been recovered from the tariff assignments and use that we forecast for 2021/22 at the 2020/21 and 2021/22 prices. Any effect from higher volumes and less optimal tariff selection in 2020/21 is removed by this calculation. The average change in prices is reflected in the change in price e.g. Residential distribution prices are forecast to fall by 1.6%.

Weighted Average Revenue – Distribution Charges (**DUoS** - excl GST)

DUoS	2020/21 $M	2021/22 $M	Change in Price %
Residential	442,199	435,181	-1.6%
Small Business	137,470	136,892	-0.4%
Large LV Business	176,354	175,321	-0.6%
HV Business	32,730	31,838	-2.7%
Major Business	13,017	12,469	-4.2%
TOTAL	**801,770**	**791,702**	**-1.3%**

Total network charges, i.e. the distribution charges shown above plus the transmission charges and the SA Government PV FiT Scheme charges are forecast to increase on average by 0.3% in nominal terms with Residential prices falling by -0.5%.

Weighted Average Revenue – Network Charges (**NUoS** - excl GST)

NUoS	2020/21 $M	2021/22 $M	Change in Price %
Residential	610,715	607,959	-0.5%
Small Business	190,784	193,479	1.4%
Large LV Business	255,236	259,065	1.5%
HV Business	49,874	50,046	0.3%
Major Business	32,692	31,854	-2.6%
TOTAL	**1,139,302**	**1,142,404**	**0.3%**

It should be noted that SA Power Networks recovers network costs directly from Retailers, who determine how these charges are passed on to customers. The final retail bill received by customers comprises retail costs, energy generation costs, network charges (for distribution and transmission) and the costs of government schemes. Residential and Small Business customers typically receive a 'bundled tariff' which incorporates all such charges.

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1. Introduction

The National Electricity Rules (**NER**) require SA Power Networks to submit an Annual Pricing Proposal (**APP**) to the Australian Energy Regulator (**AER**) at least three months before the commencement of each regulatory year. This APP is for the 2021/22 regulatory year and has been prepared in accordance with the requirements of the NER[1], the AER's 2020-25 Regulatory Determination[2] and the AER-approved 2020-25 Tariff Structure Statement (**TSS**).[3]

This APP sets out proposed prices for all of SA Power Networks' standard control services (**SCS**) tariffs for the 2021/22 regulatory year and the indicative pricing for years three to five of the 2020-25 RCP. This APP also includes the ACS prices for the 2021/22 regulatory year and the indicative prices for the remainder of the RCP.

1.1 Our Business

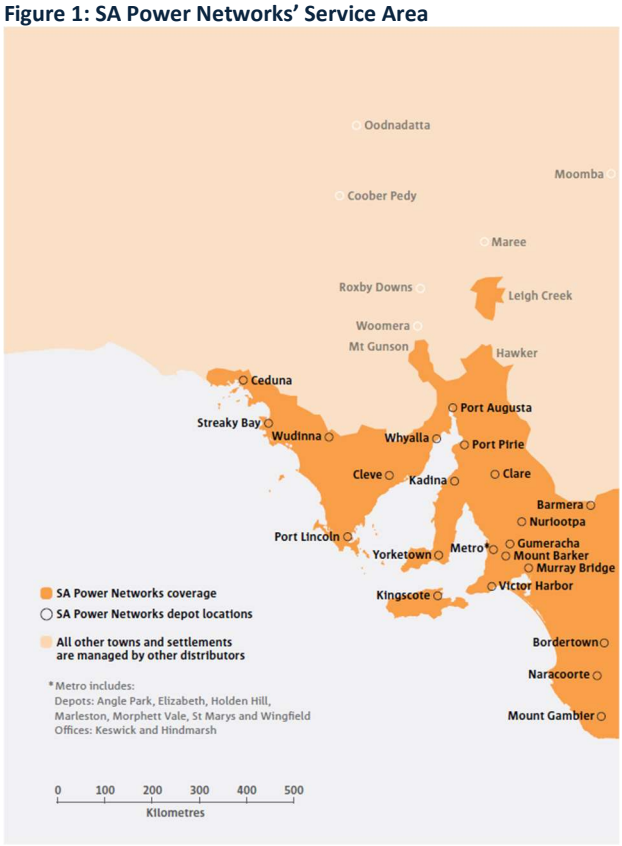
SA Power Networks is a Distribution Network Service Provider (**DNSP**) which operates within the National Electricity Market (**NEM**).

Our distribution network serves the state of South Australia, with a service territory of about 178,000 km^2, and with a coastline of over 5,000 km. The network's route length extends to more than 89,000 km, with approximately 20% underground. The network includes 404 zone substations, 76,400 distribution transformers, approximately 646,600 poles and 900,000 customers. The extent of SA Power Networks' operations in South Australia is shown in Figure 1.

Except for much of the coastal area and the hinterland, South Australia is very sparsely settled. Approximately 70% of our customers reside in the greater Adelaide metropolitan area, including the great majority of business and commercial customers. However, the extensive area serviced by our distribution system results in 70% of the network powerline infrastructure delivering energy to the remaining 30% of customers. Compared with other states, there are relatively few regional centres, and they are generally small and sparsely located. As a result, the average customer density across the State is very low.

[1] Version 160, March 2021.
[2] AER, Final Decision – SA Power Networks Determination 2020-25, June 2020.
[3] AER, Final Decision – SA Power Networks Tariff Structure Statement 2020-25, May 2020.

Figure 1: SA Power Networks' Service Area



Our primary role is operating, building, extending, maintaining and upgrading South Australia's distribution network. In this capacity, SA Power Networks plays an important role in supporting the achievement of South Australia's economic, community and social objectives.

We are committed to delivering on our regulated obligations, including high levels of service, reliability, safety and efficiency for the South Australian community. The key services we provide include:

- Delivering electricity from ElectraNet's transmission network, through the distribution poles and wires, to homes and businesses;
- Maintaining the reliability and safety of the distribution network of substations, poles, wires and transformers;
- Extending and upgrading the distribution network to meet changing customer needs; and
- Providing an emergency response in the event of power outages.

We also monitor and read electricity meters[4] and maintain streetlights. These two services are provided under separate pricing arrangements to our standard control services.

1.2 Network Tariff Objectives

Our network tariffs have been developed in accordance with the NER.[5] The methodologies described in our AER-approved 2020-25 TSS are designed to allow for recovery of efficient regulated costs of providing distribution services to our customers.

This APP sets out proposed prices for both SA Power Networks' standard control services tariffs and alternative control service charges.

[4] Changes to the NER, from 1 December 2017, mean that Retailers are responsible for installing all new and replacement electricity meters in South Australia. SA Power Networks will continue to be responsible for the monitoring and reading of the existing meters until they are replaced.
[5] NER 6.18.2(b)(2) to (8).

1.3 Summary of Key Changes in this APP – Residential

This section outlines the key changes for 2021/22 compared to 2020/21 for Residential customers:

- Mandatory reassignment of Residential Time of Use (**ToU**) tariffs for Type 4 meter customers will be delayed up to 6 months with reassignment complete by 1 January 2022.
- Residential ToU Plus trial tariff is available to opt-in from 1 July 2021 with a maximum of 8,000 customers eligible to participate.

1.4 Summary of Key Changes in this APP – Small Business

This section outlines the key changes for 2021/22 compared to 2020/21 for Small Business customers:

- Mandatory reassignment of Small Business ToU tariffs for Type 4 meter customers will be delayed by 6 months with reassignment complete by 1 January 2022.
- We expect to see Retailers opt customers out of the Small Business Demand transition tariff and assign them to an appropriate ToU tariff. In 2021/22 the supply charge will increase by $1,000 p.a. and usage increase by 1 c/KWh. Currently there are 8,900 customers who are eligible to opt-in to ToU tariffs. Similar increases will apply in each of the next 3 years.

1.5 Summary of Key Changes in this APP – Large Business

This section outlines the key changes for 2021/22 compared to 2020/21 for Large Business customers:

- We expect to see Retailers opt customers out of the Large LV Business Demand and High Voltage Business Demand transition tariffs and assign them to an appropriate Demand tariff. In 2021/22 the supply charge will increase by $1,000 p.a. and usage increase by 1 c/KWh. Currently there are 1,900 customers who are eligible to opt-in to ToU tariffs. Similar increases will apply in each of the next 3 years.

1.6 Summary of Key Changes in this APP – Major Business

This section outlines the key changes for 2021/22 compared to 2020/21 for Major Business customers:

- Pricing and tariffs will follow the same structure as Large Business with the rolling 12 month summer peak and anytime demand calculation methodology.
- In the isolated circumstance where individual arrangements are agreed with the customer the supply charge is utilised to recover the agreed fee.

1.7 Structure of this Document

This APP has been structured to demonstrate compliance with the specific requirements of the Rules and the AER's Regulatory Determination for 2020-25. The substantive sections of the APP are set out in Table 1.

Table 1: Structure of SA Power Networks' Pricing Proposal

Section		Purpose	NER clause
1	Introduction	Introduces the Pricing Proposal and provides background information	-
2	Tariff Classes and Tariffs	Explains how we recover revenue from our customers and outlines our tariff classes, tariff structures and their charging parameters	6.18.2(b)(2-3,8); 6.18.3
3	Standard Control Services Charges	Demonstrates compliance with the Rules and the AER's Final Decision with respect to the control mechanism, the revenue X factors, side constraints and the NER pricing principles. Sets out our cost recovery for DUoS, TUoS and JSO	6.18.2(b)(4-8); 6.18.5; 6.18.6; 6.18.7 and 6.18.7A
4	Alternative Control Services	Sets out the control mechanisms for alternative control services pricing as per the AER's revenue determination	6.18.2(a)(2)
Appendices			
A	Compliance Checklist	Identifies where the pricing rule requirements have been met in our IPP.	-
B	Standard Control Services Tariff Schedules	Sets out our standard control services tariff schedules	6.18.2(d)(e)
C	Alternative Control Services Tariff Schedules	Sets out our alternative control services price schedules	6.18.2(d)(e)
D	Glossary/Shortened Forms	Provides a description of the shortened forms used within this document	-
E	List of Attachments	Lists attachments to this Pricing Proposal	-

1.8 Confidential Information

The NER[6] classifies all network pricing information about a Distribution Network User used by a DNSP for the purposes of network pricing as confidential.

SA Power Networks has not provided any confidential documents with this APP.

[6] NER 6.19.2

2. Tariff Classes and Tariffs

This section describes SA Power Networks' SCS tariff classes and related tariff structures. It sets out the way our tariffs have been constructed to comply with the requirements of the NER and the AER's 2020-25 Distribution Determination.

2.1 How We Recover Revenue

SA Power Networks' Network Use of System (**NUoS**) tariffs are an aggregation of Distribution Use of System (**DUoS**) tariffs, metering services tariffs, Transmission Use of System (**TUoS**) cost recovery tariffs and the SA Government's JSO scheme for PV FiT.

Retailers may pass through the components of SA Power Networks' network tariffs to customers directly or modify their structure by bundling with the retail component. Bundling includes the cost of purchasing wholesale energy from the NEM and retail costs. This is at the discretion of retailers.

This section outlines the distribution tariff structures, which are designed to recover the cost of providing SCS to customers.

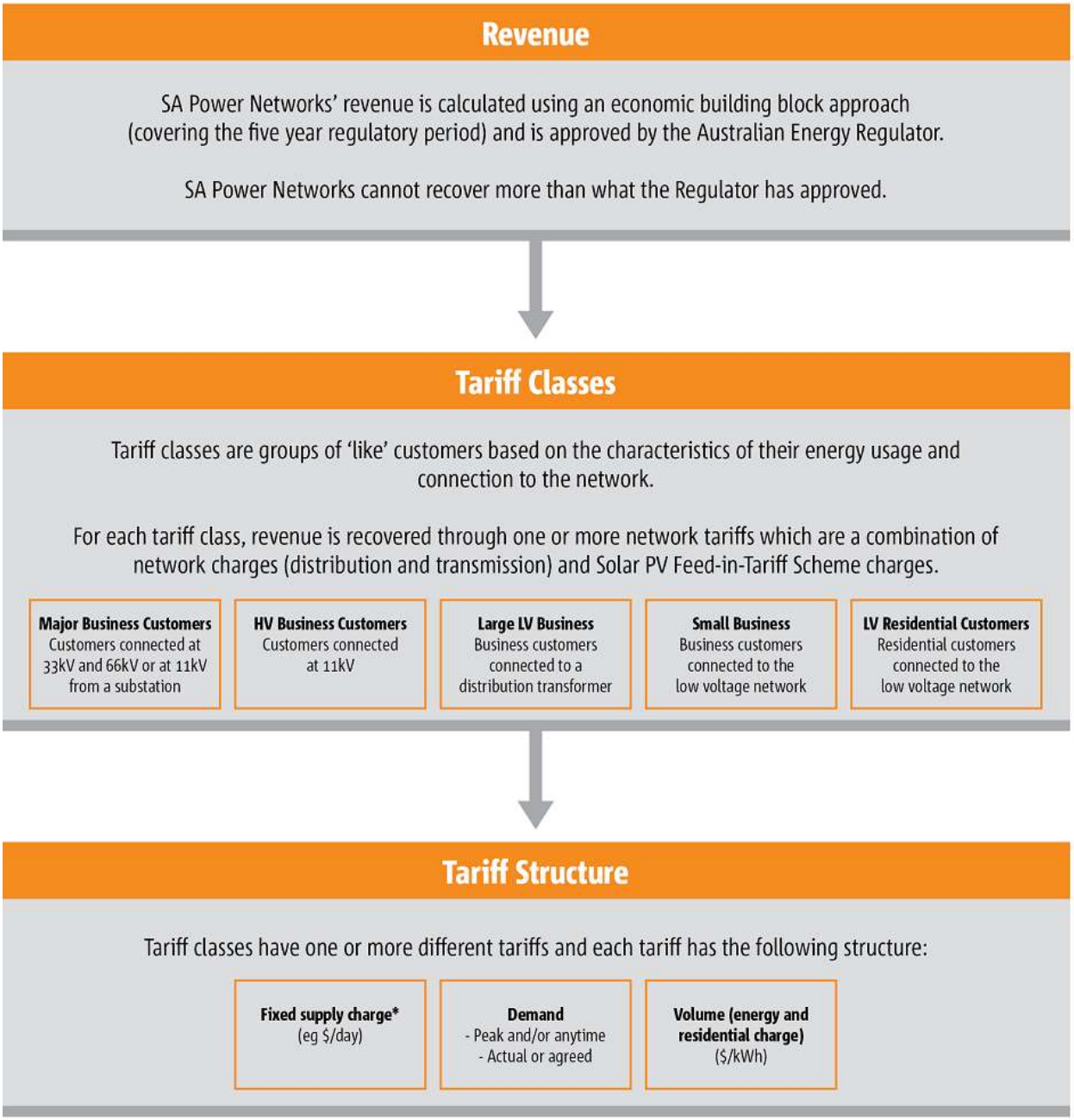
The NER requires tariff structures to have two main functions:

- to send a price signal for efficient consumption via the retailer; and
- to recover revenue from customers in a way that as much as possible reflects the total efficient cost of supplying those customers without distorting the efficient price signal.

Our allocation of revenue requirements to tariff classes and then tariffs is illustrated in Figure 2. It is a three-stage process, involving determining the allowed revenue, splitting that revenue across the five tariff classes (and their tariffs) and finally setting prices for each tariff parameter to recover from customers the revenue allocated to that tariff class (and their tariffs).

The process by which SA Power Networks recovers the SA Government PV-FiT payments through the JSO is described in Section 3.3. These amounts are paid to retailers to be applied to the accounts of the owners of qualifying PV electricity generators.

Figure 2: Allocation of Revenue to Tariff Classes/Tariffs and to Tariff Parameters



*Doesn't necessarily appear in all demand-based tariff structures

The grouping of customers into SCS tariff classes and the tariffs therein has historically distinguished between customers based on the following factors:

- the nature and extent of usage of different types of customer (e.g. Residential and Small Business customers);
- for Large Business customers, the nature of connection to the network, including the voltage of connection;
- whether the customer also receives a controlled load service; and
- the type of meter installed at the premises (for Large LV Business customers).

Section 4 of this APP outlines the arrangements for SA Power Networks' ACS (i.e. metering, public lighting and ancillary network services).

2.2 Standard Control Services Tariff Classes

SA Power Networks' network tariff classes and tariffs for 2020-25 are summarised in Table 2. The tariff classes have been constituted with regard to the provisions of the NER[7] concerning economic efficiency and transaction costs.

The suite of tariffs provides:

- a range of tariffs which are dependent upon a customer's size, consumption characteristics and voltage of connection (these factors are generally related); and
- Long Run Marginal Cost (**LRMC**) cost-reflectivity in the demand tariff options, facilitated by the metering arrangements.

Table 2: SA Power Networks' Tariff Classes and Associated Tariffs

Tariff Class	Customer Type	Tariffs
Residential	Low voltage residential customers, single phase and three phase	RSR, RSROPCL, RSRCL, RTOU, RTOUCL, RPRO, RPORCL, RTOU+TR, RTOU+CLTR
Small Business	Low voltage businesses consuming less than 160MWh per annum, single phase and multi-phase	LVUU, LVUU24, BSR, BSRCL, B2R, B2RCL, BCL, SBTOU, SBTOUD, SBD
Large Business – Low Voltage	Low voltage businesses consuming more than 160MWh per annum.	LBSR, LBSRCL, LB2R, LB2RCL, LBAD, LBMD, BD, LBG
Large Business – High Voltage	High voltage businesses generally supplied at 11kV	HVAD, HVMD, HVMDW, HBD, HVAD500, HVBB, HVADB, HVBG
Large Business – Major Business	Businesses requiring at least 5MVA of capacity connected to the sub-transmission network or a zone substation	ZSN, ZSSXXX, ZSNXXX, STN, STRXXX, STNXXX

The structure of our tariffs, and the associated tariff charging parameters for each tariff within a tariff class, follow in Section 2.3.

2.3 Tariff Assignments, Structures and Charging Parameters

Within each of our five SCS tariff classes we offer several different network tariffs. The basic structure of our tariffs is very similar to that of other electricity distributors in the NEM with four key tariff components:

- A fixed supply charge ($ per day, month or quarter);
- A peak demand charge to send a forward Long Run Marginal Cost (LRMC) price signal ($ per kW or kVA per day) for upstream assets;
- An anytime annual demand charge that recovers the costs of local connection/network assets used by that customer; and
- A volume charge ($/kWh) to recover residual costs not recovered by the other two elements. The volume charge may have a TOU pricing depending on metering capability.

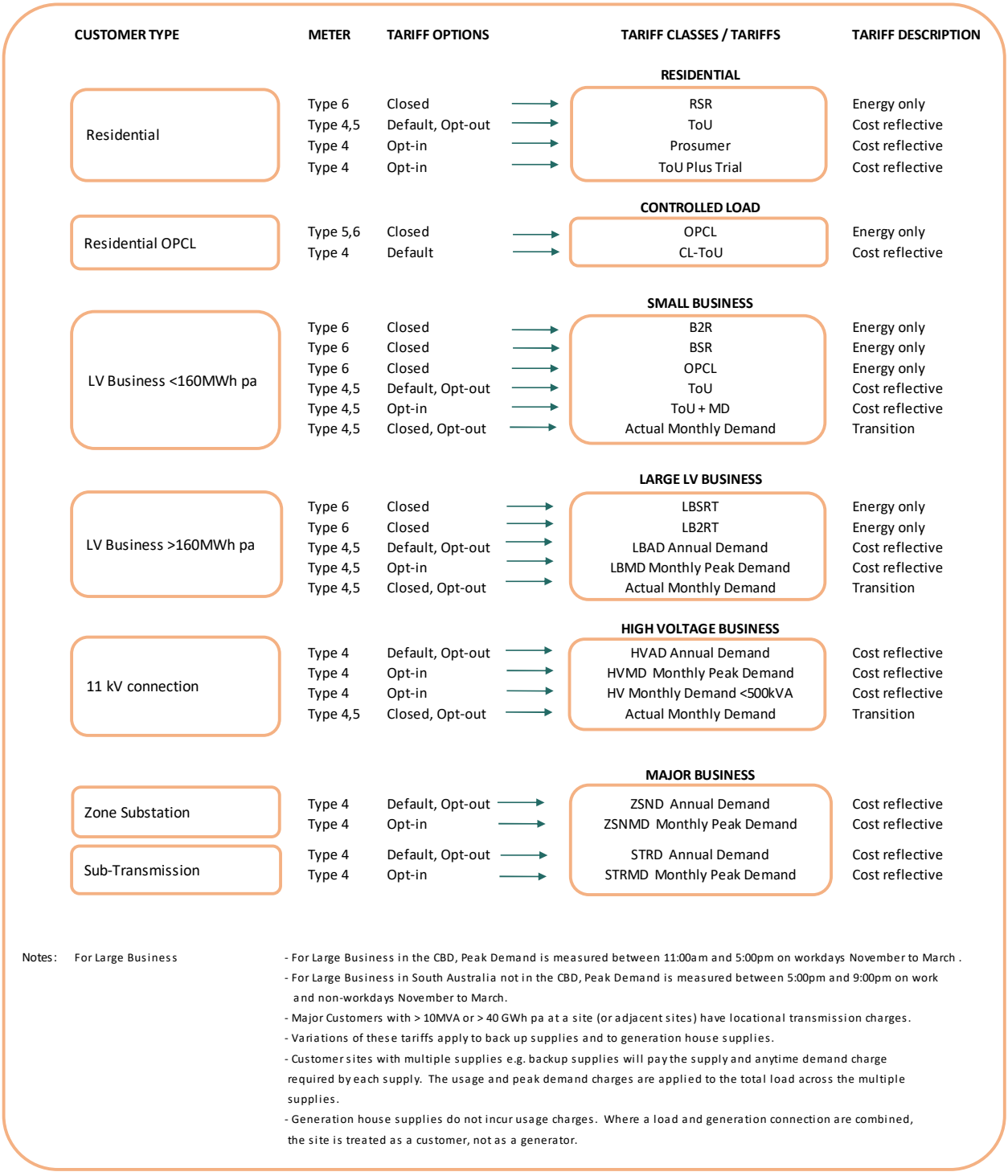
Many small customers are not assigned to a tariff with a peak demand charge today, therefore the volume charge recovers a greater portion of total costs. Customers using accumulation (Type 6) legacy meters may

[7] NER 6.18.3(d)

not have any tariff choice unless they request a meter change from their retailer. Customers need to be assigned to a particular tariff in accordance with the NER.

Outlined in Figure 3 are the options for tariff assignment that will be available in the 2020-25 RCP, with Table 3 to Table 7 providing a summary of these tariff structures and charging parameters. Further information on our tariff structures and assignment policies can be located in our AER-approved 2020-25 Tariff Structure Statement Part A.

Figure 3: Assignment of New and Upgraded Customer Connections to Tariff Classes 2021/22



Notes: For Large Business

- For Large Business in the CBD, Peak Demand is measured between 11:00am and 5:00pm on workdays November to March .
- For Large Business in South Australia not in the CBD, Peak Demand is measured between 5:00pm and 9:00pm on work and non-workdays November to March.
- Major Customers with > 10MVA or > 40 GWh pa at a site (or adjacent sites) have locational transmission charges.
- Variations of these tariffs apply to back up supplies and to generation house supplies.
- Customer sites with multiple supplies e.g. backup supplies will pay the supply and anytime demand charge required by each supply. The usage and peak demand charges are applied to the total load across the multiple supplies.
- Generation house supplies do not incur usage charges. Where a load and generation connection are combined, the site is treated as a customer, not as a generator.

2.3.1 Changes within the Regulatory Year

Tariff Reassignment – 1 January 2022

Mandatory reassignment of Residential and Small Business ToU tariffs for Type 4 meter customers will be delayed up to 6 months with reassignment complete by 1 January 2022. The 6 month time extension will serve as a transition period with SA Power Networks reassigning approximately 25-30k customers per month with all customers transitioned no later than 1 January 2022.

Closed Tariffs – 1 July 2021

The following small customer tariffs are closed to customers from 1 July 2021:

- Residential Single rate (RSR) for type 4 or type 5 meters;
- Small Business Single rate (BSR) for type 4 or type 5 meters;
- Small Business 2-Rate (B2R) for type 4 or type 5 meters;
- Companion OPCL controlled load tariff for BSR and B2R for type 4 or type 5 meters; and
- Small Business Actual kVA demand – transition (SBD) for type 4 meters.

Retailers will be advised of the tariff reassignment to the default interval meter tariff for that tariff class.

Transition Tariffs

In 2020/21 Small Business Demand, Large LV Business Demand and High Voltage Business Demand became transition tariffs. These tariffs had strong pricing signals to encourage Retailers to transition customers to simplified tariff options which were created in the TSS for the 2020-25 Regulatory Control Period – ToU and ToU Demand.

In 2021/22 pricing signals have again escalated with a further $1,000 increase in the supply charge and usage increase of 1 c/KWh. Currently there are 10,800 customers who are eligible to opt-in to ToU tariffs. Similar increases will apply in each of the next 3 years under the new transition tariff arrangements. We will seek to engage with customers and Retailers to encourage opting in to appropriate ToU tariffs.

Major and Large Business Tariff Structure

- Pricing and tariffs for Major Business will follow the same structure as Large Business with the rolling 12 month summer peak and anytime demand calculation methodology.
- In the isolated circumstance where individual arrangements are agreed with the Major Business customer the supply charge is utilised to recover the agreed fee.
- A similar arrangement will be used for those few Large Businesses where individual arrangements have been agreed.

2.3.2 Residential Tariffs

Table 3: Residential Tariff Structures and Charging Parameters 2021/22

Network tariff	Status/ metering	Components	Measurement	Charging parameter
Residential Single rate	**Closed** Accumulation meter (Type 6)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage	$/kWh	Single block usage charge
		Controlled load	$/kWh	Usage-based companion tariff (see below)
Residential Time of Use (ToU)	**Default, Opt-out** Interval meter, either: remotely read (Type 4); or - manually read (Type 5)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	Peak Pricing for the 14 hours per day not captured in the off-peak/solar sponge windows at 125% of the single rate price
		Usage – Off-peak	$/kWh	Five-hour off-peak block every day: 1:00am to 6:00am (local time) at 50% of the single rate price
		Usage – Solar Sponge	$/kWh	Five-hour off-peak block every day: 10:00am to 3:00pm (local time) at 25% of the single rate price
		Controlled load	$/kWh	Usage-based companion tariff (see below)
Residential Prosumer	**Opt-in** Remotely read interval meter (Type 4)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	Peak Pricing for the 14 hours per day not captured in the off-peak/solar sponge windows at 75% of the single rate price
		Usage – Off-peak	$/kWh	Five-hour off-peak block every day: 1:00am to 6:00am (local time) at 30% of the single rate price
		Usage – Solar Sponge	$/kWh	Five-hour off-peak block every day: 10:00am to 3:00pm (local time) at 15% of the single rate price
		Demand – Summer	$/kW/month Nov-March only	Monthly demand charge based on maximum kW demand measured: • Highest daily average demand over a four-hour period November to March. • Between 17:00-21:00hrs local time
		Controlled load	$/kWh	Usage-based companion tariff (see below)
Residential Time of Use Plus (ToU+TR)	**Opt-in** Remotely read interval meter (Type 4)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	Four-hour peak block every day November to March: 5:00pm to 9:00pm (local time) at 320% of the single rate price
		Usage – Shoulder	$/kWh	Shoulder pricing for all other hours per day not captured in the peak/solar sponge windows at 83% of the single rate price
		Usage – Solar Sponge	$/kWh	Five-hour off-peak block every day: 10:00am to 3:00pm (local time) at 15% of the single rate price
		Controlled load	$/kWh	Usage-based companion tariff (see below)

2.3.3 Off-Peak Controlled Load (OPCL) Tariffs

Table 4: Controlled load tariffs 2021/22

Network tariff	Status/ metering	Components	Measurement	Charging parameter
Companion Controlled Load (Hot Water) tariffs				
Controlled Load Residential and Small Business	**Closed ** 01/07/2020** Legacy meters (Type 5, 6)*	Flat rate	$/kWh	Based on usage - time clock is managed by SA Power Networks, and typically involves supply usage between 11:00pm to 7:00am and from 10:00am to 3:00pm. Priced at 50% of the single-rate prices
Controlled Load Residential and Small Business	**Default** Interval meter (Type 4)*	Usage – Peak	$/kWh	Peak Pricing for the 13 hours per day not captured in the off-peak/solar sponge windows at 125% of the single rate price
		Usage – Off-peak	$/kWh	Based on usage from 11:30pm to 6:30am (Central Standard Time) with randomised start time of at least one hour. At 50% of the single rate price
		Usage – Solar Sponge	$/kWh	Based on usage from 9:30am to 3:30pm (Central Standard Time) with randomised start time of at least one hour. At 25% of the single rate price

* For Type 4 meters, the time clock is managed through the meter by the Retailer and the Metering Coordinator. For Type 5 meters, the time clock is adjusted manually by SA Power Networks.

** Some customers may currently have a type 6 meter for general supply and type 5 or 6 meter for OPCL. Where the customer's general supply meter is upgraded to type 4, we expect the customer's OPCL type 5 or 6 meter would also need to be replaced and upgraded. In this instance, the customer would be reassigned from the OPCL legacy meter tariff to the default CL-TOU type 4 meter type.

2.3.4 Small Business Tariffs

Table 5: Small Business Tariff Structures and Charging Parameters (<160MWh pa) 2021/22

Network tariff	Status/ metering	Components	Measurement	Charging parameter
Small business Single rate	**Closed** Accumulation meter (Type 6)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage	$/kWh	Anytime based on usage
		Controlled load	$/kWh	Usage-based companion tariff (see above)
Small business two-rate	**Closed** Accumulation meter (Type 6)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	7:00am to 9:00pm five days a week (Monday to Friday) or possibly all days of the week
		Usage – Off-peak	$/kWh	All times not picked up in peak usage
		Controlled Load	$/kWh	Usage-based companion tariff (see above)
Small business Time of Use (ToU)	**Default, Opt-out** Interval meter, either: remotely read (Type 4); or - manually read (Type 5)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	5:00pm to 9:00pm local time on all days during November through March
		Usage - shoulder	$/kWh	7:00am to 5:00pm workdays November to March, and 7:00am to 9:00pm April to October
		Usage – Off-peak	$/kWh	All times not picked up in peak or shoulder usage
Small business Time of Use (ToU) + Maximum Demand >120kVA	**Opt-in** Interval meter, either: remotely read (Type 4); or - manually read (Type 5)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	5:00pm to 9:00pm local time on all days during November through March, at 80% of TOU price
		Usage - shoulder	$/kWh	7:00am to 5:00pm workdays November to March, and 7:00am to 9:00pm April to October, at 80% of TOU price
		Usage – Off-peak	$/kWh	All times not picked up in peak or shoulder usage, at 80% of TOU price
		Demand- annual	$/kVA/pa All year	Anytime Maximum demand charge based on highest half-hour demand during the last 12 months.
Small business Actual kVA demand - Transition	**Closed, Opt-out 01/07/2020** Interval meter (Type 4)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage	$/kWh	Anytime based on usage
		Demand – Peak Actual	$/kVA/month Nov-March only	Maximum demand charge based on actual monthly maximum kVA demand measured: • Over a 30-minute time period; and • 16:00 to 21:00hrs local time, workdays, Nov-March (Peak).
		Demand – Shoulder Actual	$/kVA/month All year	Maximum demand charge based on actual monthly maximum kVA demand measured: • Over a 30-minute time period; and • 12:00 to 16:00hrs local time, workdays, 12 months (Shoulder)

2.3.5 Large Business Tariffs (LV and HV Tariff Classes)

Table 6: Large Business Tariff Structures and Charging Parameters (>160MWh pa) 2021/22

Network tariff	Status/ metering	Components	Measurement	Charging parameter
Large LV Business Single rate	**Closed** Accumulation meter (Type 6)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage	$/kWh	Anytime based on usage at 120% of small business price
		Controlled load	$/kWh	Usage-based companion tariff (see above)
Large LV Business two-rate	**Closed** Two-rate capability Accumulation meter (Type 6)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	7:00am to 9:00pm five days a week (Monday to Friday) or possibly all days of the week at 120% of small business price
		Usage – Off-peak	$/kWh	All times not picked up in peak usage at 120% of small business price
		Controlled Load	$/kWh	Usage-based companion tariff (see above)
Large LV Business Annual demand **HV Business Annual demand** **HV Business Annual demand <500kVA**	**Default, Opt-out** Interval meter (Type 4) *(Same prices apply to Central Business District (CBD) and Rest of SA; peak demand period differs)*	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	7:00am to 9:00pm workdays (Monday to Friday)
		Usage – Off-peak	$/kWh	At all other times not picked up in peak window
		Demand – Peak Annual	$/kVA/pa	Demand charge based on the highest daily average maximum demand from November through March. • CBD 11:00am-5:00pm workdays only • Non-CBD 5:00pm-9:00pm all days
		Demand – Anytime actual	$/kVA/pa	Anytime demand charged on the highest half-hour demand during the year.
Large LV Business Monthly demand **HV Business Monthly demand** *(Same prices apply to CBD and Rest of SA; peak demand period differs)*	**Opt-in** Interval meter (Type 4)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage – Peak	$/kWh	7:00am to 9:00pm workdays.
		Usage – Off-peak	$/kWh	At all other times not picked up in peak window
		Demand – Peak actual	$/kVA/month Nov-March only	Demand charge based on the highest daily average maximum demand for the month from November through March, at 150% of Annual price. • CBD 11:00am-5:00pm workdays only • Non-CBD 5:00pm-9:00pm all days
		Demand – Anytime actual	$/kVA/pa	Anytime demand charged on the highest half-hour demand during the last 12 months.
Large LV Business Actual demand – Transition **HV Business Actual demand - Transition**	**Closed, Opt-out 01/07/2020** Interval meter (Type 4)	Fixed	$/customer/day	Fixed supply charge per annum
		Usage	$/kWh	Anytime based on usage
		Demand – Peak Actual	$/kVA/month Nov-March only	Maximum demand charge based on actual monthly maximum kVA demand measured: • Over a 30-minute time period; and • 4:00pm to 9:00pm, workdays, Nov-March.
		Demand – Shoulder Actual	$/kVA/month All year	Maximum demand charge based on actual monthly maximum kVA demand measured: • Over a 30-minute time period; and • 12:00 noon to 4:00pm workdays, 12 months
Large LV business Generation Supplies **HV business Generation Supplies**	**Special tariff** Interval meter (Type 4)	Fixed	$/customer/day	Fixed supply charge per annum (applies to LV, not to HV supplies)
		Usage – Peak	$/kWh	Not applied to Generation supplies.
		Usage – Off-peak	$/kWh	Not applied to Generation supplies
		Demand – Peak Annual	$/kVA/pa	Demand charge based on the agreed firm supply requirements of the generator on extreme summer days. • CBD 11:00am-5:00pm workdays only • Non-CBD 5:00pm-9:00pm all days
		Demand – Anytime actual	$/kVA/pa	Anytime demand charged on the agreed or highest half-hour demand during the last 12 months.

2.3.6 Major Business Tariffs

Table 7: Major business tariff structures and charging parameters 2021/22

Network tariff	Status	Components	Measurement	Charging parameter
Zone Substation Non-Locational	*Tariff amended for individual customers*	Fixed	$/customer/day	Fixed supply charge per annum
		Usage	$/kWh	Anytime based on usage
		Demand – Peak Agreed	$/kVA pa	Agreed half-hour maximum demand during peak times, for pricing of transmission
		Demand – Anytime Actual	$/kVA pa	Anytime demand charged on the agreed or highest half-hour demand during the last 12 months.
Sub-Transmission Non-Locational	*Tariff amended for individual customers*	Fixed	$/customer/day	Fixed supply charge per annum
		Usage	$/kWh	Anytime based on usage
		Demand – Peak agreed	$/kVA pa	Agreed half-hour maximum demand during peak times, for pricing of transmission
		Demand – Anytime Actual	$/kVA pa	Anytime demand charged on the agreed or highest half-hour demand during the last 12 months.

2.3.7 Tariff Trials

SA Power Networks is proposing one trial tariff in 2021/22 – Residential ToU Plus (RToU+), commencing 1 July 2021. This tariff through its price signals and structure aims to encourage residential customers to change their electricity usage behaviours by shifting usage away from peak times, when the network is under its greatest constraints and moving that usage to the middle of the day when there is an excess amount of solar in the distribution network. The peak times of 5:00pm-9:00pm November to March under RToU+ are short, at 4 hours per day for 5 months of the year.

SA Power Networks residential customers comprise of approximately 50% of revenues collected in the regulatory year. We calculate that 1% of residential customers, approximately 8,000, would return 0.5% of revenues collected in the regulatory year. We will limit trial participation to a maximum of 8,000 residential customers. All retailers and Virtual Power Plants are able to participate int his trial.

This tariff would be available from 1 July 2021 with a view to have the tariff in place initially for 1 regulatory year. If we achieve the desired outcomes through this trial we would strongly consider extending the duration of the trial into future regulatory years through to 2025 with a view to include such a tariff in the 2025-30 TSS. If the trial fails, the trial could conclude in June 2022.

2.4 Pricing Variations from 2020/21

In line with our 2020-25 TSS, we have implemented new tariffs for the 2021/22 regulatory year. The 2021/22 pricing variations compared to 2020/21 are detailed below based on the three Network Use of System (**NUoS**) components of SA Power Networks' tariffs. NUoS comprises of Distribution Use of System (**DUoS**), Transmission Use of System (**TUoS**) and Jurisdictional Scheme Obligation (**JSO**)).[8] The proposed revenue recovery for 2021/22 compared to 2020/21 is also detailed by each of the five tariff classes.

[8] There is one JSO in South Australia, the SA Governments' solar photovoltaic feed in tariff scheme (PV FiT). Refer to 3.3 for further details.

Table 8: 2021/222 NUoS Revenue, DUoS Revenue, GWh Sales and Average Price by Tariff Class

	2019/20 Actual[9]	2020/21 Estimate	2021/22 Forecast	2020/21 vs 2021/22 %
NUoS by: Tariff Class	**$M**	**$M**	**$M**	**%**
Residential (incl. CL)	633.9	615.5	608.0	-1.2%
Small Business (incl. unmetered)	201.0	205.0	193.5	-5.6%
Large LV Business	274.4	264.3	259.1	-2.0%
HV Business	57.4	54.8	50.0	-8.8%
Major Business	33.6	36.7	31.9	-13.1%
TOTAL	1,200.4	1,176.3	1,142.4	-2.9%
Over/(Under)	35.3	24.9	-24.6	-
Revenue + Pass-Through	1,165.1	1,151.4	1,167.0	1.4%
NUoS $/MWh by: Tariff Class	**$/MWh**	**$/MWh**	**$/MWh**	**%**
Residential (incl. CL)	169	163	165	1.2%
Small Business (incl. unmetered)	146	155	148	-4.5%
Large LV Business	100	102	99	-2.9%
HV Business	74	74	70	-5.0%
Major Business	28	32	27	-14.5%
TOTAL	121	123	120	-2.1%
DUoS by: Tariff Class	**$M**	**$M[10]**	**$M[11]**	**%**
Residential (incl. CL)	464.5	443.5	435.2	-1.9%
Small Business (incl. unmetered)	147.6	151.1	136.9	-9.4%
Large LV Business	198.6	185.6	175.3	-5.5%
HV Business	38.4	35.6	31.8	-10.7%
Major Business	12.6	13.4	12.5	-6.7%
TOTAL	861.8	829.1	791.7	-4.5%
Over/(Under)	24.4	20.4	-20.1	-
Revenue + Pass-Through	837.3	808.7	811.9	0.4%
DUoS $/MWh by: Tariff Class	**$/MWh**	**$/MWh**	**$/MWh**	**%**
Residential (incl. CL)	124	118	118	0.3%
Small Business (incl. unmetered)	107	114	105	-8.0%
Large LV Business	72	71	67	-5.6%
HV Business	49	48	45	-6.7%
Major Business	10	11	11	-8.1%
TOTAL	87	86	83	-3.7%
GWh by: Tariff Class	**GWh**	**GWh**	**GWh[12]**	**%**
Residential (incl. CL)	3,755	3,766	3,690	-2.0%
Small Business (incl. unmetered)	1,378	1,322	1,306	-1.2%
Large LV Business	2,754	2,602	2,627	1.0%
HV Business	780	745	715	-4.0%
Major Business	1,222	1,165	1,182	1.4%
TOTAL	9,888	9,599	9,519	-0.8%

[9] Actual outcomes include mild weather and the impacts of COVID-19

[10] Business use of SBD and BD unexpectedly increased charges in 2020/21.

[11] Business charges return to normal in 2021/22 if SBD and BD are not used.

[12] Forecast volumes in 2021/22 include the impacts of COVID-19 and the effect of voltage management.

2.4.1 Outcomes by Size of Customer

Table 9 to Table 12 compares NUoS changes with changes on the overall retail bill for customers consuming between 2 and 16MWh pa.[13] These tables also show the SA Power Networks' related DUoS price changes but excludes the alternative control services Type 6 metering costs typically associated with this customer.

Low Voltage Residential Tariff (obsolete)

The low voltage residential tariff has a single rate for customers with legacy (type 6) metering. The 2021/22 annual bill and price change for this tariff is shown in Table 9, for a range of representative customer consumption levels.

Table 9: Low Voltage Residential Price Change in 2021/22 excl. GST

Annual Usage MWh pa	NUoS 2020/21 $ pa	NUoS 2021/22 $ pa	Change in NUoS Bill %	Change in Retail Bill %	DUoS 2020/21 $ pa	DUoS 2021/22 $ pa	Change in DUoS Bill %	Change in Retail Bill %
2	446	449	0.8%	0.4%	340	341	0.4%	0.1%
4	721	718	-0.4%	-0.2%	524	517	-1.4%	-0.5%
5	859	853	-0.7%	-0.3%	617	605	-1.9%	-0.6%
8	1,272	1,257	-1.2%	-0.5%	893	868	-2.8%	-0.8%
16	2,375	2,334	-1.7%	-0.7%	1,632	1,571	-3.7%	-1.0%

Residential with Controlled Load Tariff

The controlled load companion tariff for legacy (type 5 and 6) metering has a single block. The 2021/22 annual bill and price change is shown in Table 10 for residential customers with hot water, for a range of representative consumption levels.

Table 10: Low Voltage Residential + Hot Water Price Change in 2021/22 excl. GST

Annual Usage MWh pa	NUoS 2020/21 $ pa	NUoS 2020/22 $ pa	Change in NUoS Bill %	Change in Retail Bill %	DUoS 2020/21 $ pa	DUoS 2021/22 $ pa	Change in DUoS Bill %	Change in Retail Bill %
2 + 1	515	517	0.4%	0.2%	386	385	-0.3%	-0.1%
4 + 2	859	853	-0.7%	-0.3%	617	605	-1.9%	-0.6%
5 + 3	1,066	1,056	-1.0%	-0.4%	755	737	-2.5%	-0.7%
8 + 4	1,548	1,527	-1.4%	-0.6%	1,078	1,044	-3.2%	-0.9%
16 + 5	2,720	2,671	-1.8%	-0.7%	1,863	1,791	-3.8%	-1.1%

[13] Retail bill charges are based on the AER's Default Market Offer for 2020/21 (after deducting GST).

2.4.2 Low Voltage Small Business Tariff Class

Low Voltage Small Business Single Rate Tariff (obsolete)

The low voltage small business single rate tariff has an anytime consumption charge with an inclining block structure and two consumption steps. Table 11 shows the 2021/22 annual bill and price change for this tariff, for a range of annual consumption levels.

Table 11: Low voltage Business Single Rate Price Change in 2021/22 excl. GST

Annual Usage MWh pa	NUoS 2020/21 $ pa	NUoS 2021/22 $ pa	Change in NUoS Bill %	Change in Retail Bill %	DUoS 2020/21 $ pa	DUoS 2021/22 $ pa	Change in DUoS Bill %	Change in Retail Bill %
4	785	805	2.5%	1.1%	588	596	1.4%	0.5%
10	1,686	1,706	1.2%	0.5%	1,215	1,206	-0.7%	-0.2%
20	3,187	3,207	0.6%	0.3%	2,260	2,222	-1.7%	-0.5%
40	6,189	6,209	0.3%	0.1%	4,350	4,254	-2.2%	-0.6%
80	12,193	12,213	0.2%	0.1%	8,530	8,318	-2.5%	-0.7%

Low Voltage Small Business 2-Rate Tariff

The effect of the price change in 2021/22 for low voltage business 2-rate will depend upon the customer consumption profile and the ratio of peak to off-peak period usage. Table 12 shows how the 2021/22 annual bill has changed for this tariff, for different customer consumption levels and average peak to off peak consumption proportions of 50%.

Table 12: Low Voltage Business 2-Rate Price Change in 2021/22 excl. GST

Annual Usage MWh pa	NUoS 2020/21 $ pa	NUoS 2021/22 $ pa	Change in NUoS Bill %	Change in Retail Bill %	DUoS 2020/21 $ pa	DUoS 2021/22 $ pa	Change in DUoS Bill %	Change in Retail Bill %
8	1,201	1,221	1.7%	0.7%	877	878	0.1%	0.0%
20	2,724	2,744	0.7%	0.3%	1,937	1,909	-1.4%	-0.4%
50	6,532	6,552	0.3%	0.1%	4,587	4,487	-2.2%	-0.6%
100	12,880	12,900	0.2%	0.1%	9,005	8,785	-2.4%	-0.7%
160	20,497	20,517	0.1%	0.0%	14,306	13,942	-2.5%	-0.7%

2.4.3 Default Market Offer (DMO) outcomes

The AER publishes four DMO prices for use by retailers with their small customer market offers. The impact of the 2021/22 change in DUoS and NUoS prices on the 2020/21 DMO retail price is shown below. GST has been deducted from the DMO for this analysis.

Table 13: Default Market Offers NUoS $nominal excl. GST

Customer Type	Annual Usage MWh pa	NUoS 2020/21 $ pa	NUoS 2021/22 $ pa	Change NUoS Bill %	Change Retail Bill %	DUoS 2020/21 $ pa	DUoS 2021/20 $ pa	Change DUoS Bill %	Change Retail Bill %
Residential	**4**	721	718	-0.4%	-0.2%	524	517	-1.4%	-0.5%
Residential incl. Hot water	**4.2+ 1.8 HW**	873	867	-0.7%	-0.3%	626	613	-2.0%	-0.6%
Business Single	**20**	3,187	3,207	0.6%	0.3%	2,260	2,222	-1.7%	-0.5%
Business Two-Rate	**15.5 + 4.5 OPk**	3,190	3,210	0.6%	0.3%	2,261	2,224	-1.6%	-0.5%

2.5 2021/22 Sales Volume Forecast Variations to Approved TSS

Table 14: Sales Volumes for Residential, Business and Major Business

Residential	2020/21 Estimate GWh	2021/22 Forecast GWh	2022/23 Forecast GWh	2023/24 Forecast GWh	2024/25 Forecast GWh
Residential	3,187.0	3,190.0	3,192.9	3,195.8	3,198.8
Controlled Load	477.0	64.1	51.3	38.5	425.6
TSS Forecast	**3,664.0**	**3,654.1**	**3,644.2**	**3,634.3**	**3,624.4**
Weather - Residential	(76.1)	-	-	-	-
Weather - Controlled Load	3.6	-	-	-	-
COVID-19 and Other	174.0	86.8	-	-	-
Voltage Management	-	(51.2)	(51.0)	(50.9)	(50.7)
2021/22 APP	**3,765.5**	**3,689.7**	**3,593.2**	**3,583.4**	**3,573.7**

Business excl. Major Business	2020/21 Estimate GWh	2021/22 Forecast GWh	2022/23 Forecast GWh	2023/24 Forecast GWh	2024/25 Forecast GWh
Small Business	1,381.8	1,354.5	1,327.3	1,300.1	1,272.8
Large LV Business	2,778.6	2,723.8	2,669.0	2,614.3	2,559.5
HV Business	769.0	753.8	738.7	723.5	708.3
TSS Forecast	**4,929.3**	**4,832.2**	**4,735.0**	**4,637.8**	**4,540.7**
Weather	(41.1)	-	-	-	-
COVID-19 Adjustment APP 2020/21 Forecast	(94.6)	-	-	-	-
Additional COVID-19 and Other	(124.7)	(107.5)	-	-	-
Voltage Management	-	(67.7)	(66.3)	(64.9)	(63.6)
2021/22 APP	**4,668.9**	**4,657.0**	**4,668.7**	**4,572.9**	**4,477.1**

Major Business	2020/21 Estimate GWh	2021/22 Forecast GWh	2022/23 Forecast GWh	2023/24 Forecast GWh	2024/25 Forecast GWh
TSS Forecast	**1,194.2**	**1,194.2**	**1,194.2**	**1,194.2**	**1,194.2**
Other Adjustments - Operations	(29.2)	(12.2)	(12.2)	(12.2)	(12.2)
2021/22 APP	**1,165.0**	**1,182.0**	**1,182.0**	**1,182.0**	**1,182.0**

Table 15: APP Variations to Approved TSS Prices - Residential Tariffs

		2020/21 APP NUoS	2021/22 TSS NUoS	2021/22 APP NUoS	Var 21/22 APP vs TSS	Var % APP vs TSS	Var APP % 21/22 v 20/21
Residential Type 6	Tariff Closed						
Customers/Supply Ch	$ pa	$170	$180	$180	$0	0%	6%
Usage	$/kWh	0.1378	0.1320	0.1346	0.0026	2%	-2%
Residential TOU							
Default Tariff, Type 4 and 5 meters - Opt-out							
Customers/Supply Ch	$ pa	$170	$180	$180	$0	0%	6%
Peak Usage	$/kWh	0.1723	0.1650	0.1685	0.0035	2%	-2%
Off-Pk Usage	$/kWh	0.0690	0.0660	0.0675	0.0015	2%	-2%
Solar Sponge Usage	$/kWh	0.0345	0.0330	0.0337	0.0007	2%	-2%
Residential Prosumer							
Opt-in Tariff, Type 4 meters							
Customers/Supply Ch	$ pa	$170	$180	$180	$0	0%	6%
Peak Usage	$/kWh	0.1033	0.0990	0.1009	0.0019	2%	-2%
Off-Pk Usage	$/kWh	0.0414	0.0396	0.0404	0.0008	2%	-2%
Solar Sponge Usage	$/kWh	0.0206	0.0198	0.0201	0.0003	2%	-2%
Summer Demand	**1** $/kW/mth	$23.14	$22.16	$22.61	$0.45	2%	-2%
OPCL Hot Water Type 5, 6	Tariff Closed						
Usage	$/kWh	0.0690	0.0660	0.0675	0.0015	2%	-2%
OPCL Hot Water Type 4							
Default Tariff, Type 4 meters OPCL							
Peak Usage	$/kWh	0.1723	0.1650	0.1685	0.0035	2%	-2%
Off-Pk Usage	$/kWh	0.0690	0.0660	0.0675	0.0015	2%	-2%
Solar Sponge Usage	$/kWh	0.0345	0.0330	0.0337	0.0007	2%	-2%

1. Highest daily demand each of five months November – March charged per month.

Table 16: APP Variations to Approved TSS Prices – Small Business Tariffs

			2020/21 APP NUoS	2021/22 TSS NUoS	2021/22 APP NUoS	Var 21/22 APP vs TSS	Var % APP vs TSS	Var APP % 21/22 v 20/21
Business Single Type 6		Tariff Closed						
Customers/Supply Ch		$ pa	$185	$205	$205	-$0	0%	11%
Usage		$/kWh	0.1501	0.1436	0.1501	0.0065	4%	0%
Business 2-Rate Type 6		Tariff Closed						
Customers/Supply Ch		$ pa	$185	$205	$205	-$0	0%	11%
Peak usage		$/kWh	0.1693	0.1619	0.1693	0.0074	4%	0%
Off-Pk Usage		$/kWh	0.0846	0.0809	0.0846	0.0037	4%	0%
Business TOU Type 4, 5								
Default Tariff <120 kVA demand (incl all Whole Current meters), Type 4 and 5 meters								
Customers/Supply Ch		$ pa	$185	$205	$205	-$0	0%	11%
Peak usage		$/kWh	0.2253	0.2154	0.2252	0.0098	4%	0%
Shoulder Usage		$/kWh	0.1568	0.1499	0.1568	0.0069	4%	0%
Off-Peak Usage		$/kWh	0.0846	0.0809	0.0846	0.0037	4%	0%
Business TOU+MD >120 kVA								
Default Tariff >120 kVA demand, type 4 and 5 meters, Opt-in <120 kVA								
Customers/Supply Ch		$ pa	$185	$205	$205	-$0	0%	11%
Anytime Max Demand	**3**	$/kVA pa	$29.71	$27.60	$28.91	$1.31	5%	-3%
Peak usage		$/kWh	0.1803	0.1723	0.1802	0.0079	4%	0%
Shoulder Usage		$/kWh	0.1254	0.1199	0.1254	0.0055	4%	0%
Off-Peak Usage		$/kWh	$0.07	$0.06	$0.07	$0.00	4%	0%
Small Business Actual Demand		Tariff Closed						
Customers/Supply Ch		$ pa	$1,015	$2,015	$2,015	-$0	0%	99%
Peak Actual Demand	**1**	$/kVA/mth	$11.97	$11.97	$11.97	-$0.00	0%	0%
Shoulder Actual Demand	**2**	$/kVA/mth	$5.96	$5.96	$5.96	-$0.00	0%	0%
Usage		$/kWh	0.0789	0.0889	0.0889	0.0000	0%	13%
Small Business OPCL Type 5, 6		Tariff Closed						
Not available with type 4 meters								
Usage		$/kWh	0.0690	0.0688	0.0675	-0.0013	-2%	-2%
Business Unmetered Supply								
Default Tariff Type 7 meters								
Usage		$/kWh	0.0984	0.0952	0.0990	0.0038	4%	1%

1. Highest daily demand each of five months November – March charged per month.

2. Highest daily demand each of twelve months July – June charged per month.

3. 12 month rolling reset charged proportionally each month.

Table 17: APP Variations to Approved TSS Prices – Large LV Business Tariffs

			2020/21 APP NUoS	2021/22 TSS NUoS	2021/22 APP NUoS	Var 21/22 APP vs TSS	Var % APP vs TSS	Var APP % 21/22 v 20/21
Large Bus Annual Demand								
Default Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs								
Customers/Supply Ch		$ pa	$2,500	$2,329	$2,480	$151	6%	-1%
Peak Annual Max Demand	**3**	$/kVA	$92.45	$90.00	$94.86	$4.86	5%	3%
Anytime Actual Demand	**3**	$/kVA	$37.81	$35.20	$37.52	$2.32	6%	-1%
Peak Usage		$/kWh	0.0662	0.0639	0.0673	0.0034	5%	2%
Off-Peak Usage		$/kWh	0.0414	0.0399	0.0420	0.0021	5%	1%
Large Bus Monthly Demand								
Opt-In Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs								
Customers/Supply Ch		$ pa	$2,500	$2,329	$2,480	$151	6%	-1%
Peak Actual Monthly Demand	**1**	$/kVA/mth	$27.73	$27.00	$28.46	$1.46	5%	3%
Anytime Actual Demand	**3**	$/kVA pa	$37.81	$35.20	$37.52	$2.32	6%	-1%
Peak Usage		$/kVA pa	0.0662	0.0639	0.0673	0.0034	5%	2%
Off-Peak Usage		$/kWh	0.0414	0.0399	0.0420	0.0021	5%	1%
Large LV Bus Actual Demand		Tariff Closed						
Customers/Supply Ch		$ pa	$1,000	$2,000	$2,000	-$0	0%	100%
Peak Actual Demand	**1**	$/kVA/mth pa	$11.97	$11.97	$11.97	-$0.00	0%	0%
Shoulder Actual Demand	**2**	$/kVA/mth pa	$5.96	$5.96	$5.96	-$0.00	0%	0%
Usage		$/kWh	0.0770	0.0870	0.0870	0.0000	0%	13%
Large Bus Trans Type 6 Single		Tariff Closed						
Customers/Supply Ch		$ pa	$185	$190	$205	$15	7%	11%
Usage		$/kWh	0.1803	0.1678	0.1801	0.0123	7%	0%
Large Bus Trans Type 6 2-rate		Tariff Closed						
Customers/Supply Ch		$ pa	$185	$190	$205	$15	7%	11%
Peak usage		$/kWh	0.2032	0.1892	0.2031	0.0139	7%	0%
Off-Pk Usage		$/kWh	0.1016	0.0954	0.1015	0.0061	6%	0%
Large Bus Generation Supplies		Special Tariff						
Customers/Supply Ch		$ pa	$2,500	$2,329	$2,480	$151	6%	-1%
Peak Annual Max Demand	**4**	$/kVA pa	$92.45	$90.00	$94.86	$4.86	5%	3%
Anytime Actual Demand	**4**	$/kVA pa	$37.81	$35.20	$37.52	$2.32	6%	-1%
Peak Usage		$/kWh	0.0000	0.0000	0.0000	0.0000	0%	0%
Off-Peak Usage		$/kWh	0.0000	0.0000	0.0000	0.0000	0%	0%

1. Highest daily demand each of five months November – March charged per month.

2. Highest daily demand each of twelve months July – June charged per month.

3. 12 month rolling reset charged proportionally each month.

4. Agreed demand charged proportionally each month.

Table 18: APP variations to Approved TSS Prices – HV Business Tariffs

			2020/21 APP NUoS	2021/22 TSS NUoS	2021/22 APP NUoS	Var 21/22 APP vs TSS	Var % APP vs TSS	Var APP % 21/22 v 20/21
HV Business Annual Demand								
Default Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs								
Customers/Supply Ch		$ pa	$15,000	$12,983	$14,586	$1,604	11%	-3%
Peak Annual Max Demand	**3**	$/kVA	$78.40	$72.50	$80.23	$7.73	10%	2%
Anytime Actual Demand	**3**	$/kVA	$37.81	$32.70	$36.76	$4.06	11%	-3%
Peak Usage		$/kWh	0.0414	0.0380	0.0417	0.0037	9%	1%
Off-Peak Usage		$/kWh	0.0259	0.0237	0.0261	0.0024	9%	1%
HV Business Monthly Demand								
Opt-In Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs								
Customers/Supply Ch		$ pa	$15,000	$12,983	$14,586	$1,604	11%	-3%
Peak Actual Monthly Demand	**1**	$/kVA/mth	$23.52	$21.75	$24.06	$2.31	10%	2%
Anytime Actual Demand	**3**	$/kVA pa	$37.81	$32.70	$36.76	$4.06	11%	-3%
Peak Usage		$/kVA pa	0.0414	0.0380	0.0417	0.0037	9%	1%
Off-Peak Usage		$/kWh	0.0259	0.0237	0.0261	0.0024	9%	1%
HV Business Annual <500								
Opt-In Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs								
Customers/Supply Ch		$ pa	$2,500	$2,329	$2,480	$151	6%	-1%
Peak Annual Max Demand	**1**	$/kVA pa	$92.45	$110.35	$94.86	-$15.49	-16%	3%
Anytime Actual Demand	**3**	$/kVA pa	$37.81	$35.20	$37.52	$2.32	6%	-1%
Peak Usage		$/kWh	0.0641	0.0617	0.0651	0.0034	5%	2%
Off-Peak Usage		$/kWh	0.0401	0.0385	0.0407	0.0022	5%	1%
HV Business Actual Demand		Tariff Closed						
Customers/Supply Ch		$ pa	$1,000	$2,000	$2,000	-$0	0%	100%
Peak Actual Demand	**1**	$/kVA/mth pa	$11.97	$11.97	$11.97	-$0.00	0%	0%
Shoulder Actual Demand	**2**	$/kVA/mth pa	$5.96	$5.96	$5.96	-$0.00	0%	0%
Usage		$/kWh	0.0754	0.0854	0.0854	0.0000	0%	13%
HV Bus Generation Supplies		Special Tariff						
Customers/Supply Ch		$ pa	$0	$0	$0	$0	0%	0%
Peak Annual Max Demand	**4**	$/kVA pa	$78.40	$72.50	$80.23	$7.73	10%	2%
Anytime Actual Demand	**4**	$/kVA pa	$37.81	$32.70	$36.76	$4.06	11%	-3%
Peak Usage		$/kWh	0.0000	0.0000	0.0000	0.0000	0%	0%
Off-Peak Usage		$/kWh	0.0000	0.0000	0.0000	0.0000	0%	0%

1. Highest daily demand each of five months November – March charged per month.

2. Highest daily demand each of twelve months July – June charged per month.

3. 12 month rolling reset charged proportionally each month.

4. Agreed demand charged proportionally each month.

Table 19: APP Variations to Approved TSS Prices – Major Business Tariffs

		2020/21 APP NUoS	2021/22 TSS NUoS	2021/22 APP NUoS	Var 21/22 APP vs TSS	Var % APP vs TSS	Var APP % 21/22 v 20/21
Zone S-Stn Non-Loc							
Tariff amended for individual Customers, eg TUoS and some DUoS fixed charges							
Customers/Supply Ch	$ pa	$0	$0	$0	$0	0%	0%
Peak Agreed Demand	**4** $/kVA pa	$54.64	$53.00	$57.27	$4.27	7%	5%
Anytime Agreed Demand	**4** $/kVA pa	$27.01	$25.30	$26.54	$1.24	5%	-2%
Usage	$/kWh	0.0135	0.0154	0.0140	-0.0014	-10%	4%
Sub-Trans Non-Loc							
Tariff amended for individual Customers, eg TUoS and some DUoS fixed charges							
Customers/Supply Ch	$ pa	$0	$0	$0	$0	0%	0%
Peak Agreed Demand	**4** $/kVA pa	$39.53	$38.80	$42.41	$3.61	9%	7%
Anytime Agreed Demand	**4** $/kVA pa	$15.11	$14.20	$14.86	$0.66	4%	-2%
Usage	$/kWh	0.0107	0.0128	0.0113	-0.0015	-13%	6%

4. Agreed demand charged proportionally each month.

3. Standard Control Services Charges

This section sets out how SA Power Networks' tariffs for the 2021/22 regulatory year comply with the NER and the AER's revenue determination for SA Power Networks.

The SCS charges for 2021/22 have been calculated in accordance with the methodologies described within our 2020-25 TSS. For detailed information on our pricing methodologies refer to our 2020-25 Approved TSS Part B.

3.1 Distribution Charges

3.1.1 Prices for Standard Control Services

Control mechanism

The form of control mechanism (including the X factor) for SA Power Networks' SCS for the 2020-25 RCP is a revenue cap. The allowed revenue for SA Power Networks for any given regulatory year is the total annual revenue (**TAR**) calculated using the formula in the AER's 2020-25 Regulatory Determination, plus any adjustment required to move the DUoS under and overs account to zero.

Compliance with the revenue cap

The AER's Revenue Cap model has been used for the purposes of demonstrating compliance with the provisions of the 2020-25 revenue cap. This model is submitted as Attachment A and forms part of this Pricing Proposal.

Revenue cap formulae

SA Power Networks' revenues must be consistent with the TAR formulae set out below[14] plus any under/overs adjustment needed to move the balance of its DUoS unders and overs account to zero.[15]

1. $TAR_t \geq \sum_{i=1}^{n} \sum_{j=1}^{m} p_t^{ij} \, q_t^{ij}$ I = 1,...,n and j = 1,...,m and t = 1,2...,5
2. $TAR_t = AAR_t \pm I_t \pm B_t \pm C_t$ t = 1, 2...,5
3. $AAR_t = AR_t \times (1 + S_t)$* t = 1
4. $AAR_t = AAR_{t-1} \times (1 + \Delta CPI_t) \times (1 - X_t) \times (1 + S_t)$ t = 2
5. $AAR_t = AAR_{t-1} \times (1 + \Delta CPI_t) \times (1 - X_t)$* t = 3, 4, 5

* Not applicable in 2021/22

Where:

TAR_t is the total allowable revenue in year t.

p_t^{ij} is the price of component 'j' of tariff 'i' in year t.

[14] AER, Final Decision – SA Power Networks, *Indicative standard control services control mechanism formula and related information,* April 2020, page 1.
[15] AER, Final Decision – SA Power Networks, *Indicative standard control services control mechanism formula and related information,* April 2020, page 5.

q_t^{ij}	is the forecast quantity of component 'j' of tariff 'i' in year t.
t	is the regulatory year.
AR_t	is the annual smoothed expected requirement in the Post Tax Revenue Model (**PTRM**) for year t.
AAR_t	is the adjusted annual smoothed revenue requirement for year t.
I_t	is the sum of the STPIS (from year t = 3 onwards), demand management incentive scheme and any other related incentive schemes[16] as they relate to year t-2, applied in year t.
B_t	is the sum of annual adjustments factors for year t and includes the true-up for any under or over recovery of actual revenue collected through DUoS charges.[17]
C_t	is the approved cost pass through amounts (positive or negative) with respect to regulatory year t, as determined by the AER. It will also include any end-of-period adjustment in regulatory year t.
ΔCPI_t	is the annual percentage change in the Australian Bureau of Statistics (**ABS**) Consumer Price Index All Groups, Weighted Average of Eight Capital Cities[18] from December in year t–2 to December in year t–1. For example, for 2020/21, year t–2 is December quarter 2018 and t–1 is the December quarter 2019.
X_t	is the X factor for each year of the 2020-25 RCP as determined in the PTRM, and annually revised for the return on debt update in accordance with the formula specified in attachment 3 – rate of return – calculated in the relevant year.
St	is the s-factor applicable to regulatory year t. This s-factor reflects performance in year t-2 against STPIS targets set in this decision. This factor will only apply in years t = 1 and 2, with new STPIS guidelines providing for a change in the application from year t = 3 onwards.

Table 20 sets out our revenue cap calculation for the 2021/22 regulatory year (regulatory year t = 2).

Table 20: Revenue Cap Calculation Year t = 2

Revenue Cap Calculation	
Annual Revenue AAR_{t-1} $000	$ 808,658
CPI	0.86%
X Factor	1.81%
S Factor	1.378%
$AAR_t = AAR_{t-1} \times (1+\Delta CPI_t) \times (1-X_t) \times (1+S_t)$	**$ 811,859**

[16] This does not reflect those incentive schemes that are calculated and applied through the AER regulatory determination, such as the capital expenditure sharing scheme (CESS) or efficiency benefit sharing scheme (EBSS).
[17] AER, Final Decision – SA Power Networks, *Indicative standard control services control mechanism formula and related information,* April 2020, page 2.
[18] If the ABS does not or ceases to publish the index, then CPI will mean an index which the AER considers is the best available alternative index.

Tariff Class Side Constraints

This is the first year that the tariff side constraints apply. The formula predicts a nominal reduction in average price due to the significant change in over recovery in 2020/21 and under recovery in 2021/22. The binding side constraint is the greater of that formula and CPI + X Factor + 2%. The latter value of 102.86% is the greater and it becomes the side constraint.

Actual DUoS price changes for all tariff classes are nominal reductions, which complies with the higher 2.86% increase.

Weighted Average Revenue

Table 21: Weighted Average Revenue - DUoS

DUoS	2020/21 $M*	2021/22 $M**	Change in Price %
Residential	442,199	435,181	-1.6%
Small Business	137,470	136,892	-0.4%
Large LV Business	176,354	175,321	-0.6%
HV Business	32,730	31,838	-2.7%
Major Business	13,017	12,469	-4.2%
TOTAL	**801,770**	**791,702**	**-1.3%**

*2020/21 Weighted average DUoS revenue is 2021/22 forecast quantities at 2020/21 prices.
**2021/22 Weighted average DUoS revenue is 2021/22 forecast quantities at 2021/22 prices.

The following tables do not involve side constraint compliance. They are included to show the average change in price for each tariff class for the pass-through items and NUoS. Note that transmission prices have increased in line with higher ElectraNet charges.

Table 22: Weighted Average Revenue - TUoS

TUoS	2020/21 $M*	2021/22 $M**	Change in Price %
Residential	116,563	122,492	5.1%
Small Business	42,378	45,598	7.6%
Large LV Business	64,786	69,509	7.3%
HV Business	14,569	15,633	7.3%
Major Business	18,581	18,322	-1.4%
TOTAL	**256,877**	**271,555**	**5.7%**

*2020/21 Weighted average TUoS revenue is 2021/22 forecast quantities at 2020/21 prices.
**2021/22 Weighted average TUoS revenue is 2021/22 forecast quantities at 2021/22 prices.

Table 23: Weighted Average Revenue - JSO (PV FiT)

JSO (PV FiT)	2020/21 $M*	2021/22 $M**	Change in Price %
Residential	51,953	50,286	-3.2%
Small Business	10,936	10,988	0.5%
Large LV Business	14,096	14,234	1.0%
HV Business	2,575	2,575	0.0%
Major Business	1,095	1,063	-2.9%
TOTAL	**80,655**	**79,148**	**-1.9%**

*2020/21 Weighted average JSO PV FiT revenue is 2021/22 forecast quantities at 2020/21 prices.
**2021/22 Weighted average JSO PV FiT revenue is 2021/22 forecast quantities at 2021/22 prices.

Table 24: Weighted Average Revenue - NUoS

NUoS	2020/21 $M*	2021/22 $M**	Change in Price %
Residential	610,715	607,959	-0.5%
Small Business	190,784	193,479	1.4%
Large LV Business	255,236	259,065	1.5%
HV Business	49,874	50,046	0.3%
Major Business	32,692	31,854	-2.6%
TOTAL	**1,139,302**	**1,142,404**	**0.3%**

*2020/21 Weighted average NUoS revenue is 2021/22 forecast quantities at 2020/21 prices.
**2021/22 Weighted average NUoS revenue is 2021/22 forecast quantities at 2021/22 prices.

3.1.2 Compliance with Pricing Principles

When setting prices for standard control services, the NER[19] requires SA Power Networks to comply with the pricing principles where, for each tariff class, the revenue we expect to recover should lie on or between:

- an upper bound representing the stand alone cost of serving the customers who belong to that class; and
- a lower bound representing the avoidable cost of not serving those customers.

Where a tariff consists of two or more charging parameters, each charging parameter for a tariff class must consider the long run marginal cost (**LRMC**) for the service or, in the case of a charging parameter, for the element of the service to which the charging parameter relates.

SA Power Networks must also ensure each tariff class has regard to the transaction costs associated with the tariff or each charging parameter and whether customers of the relevant tariff class are able or likely to respond to price signals.

Stand-alone and Avoidable Costs

The stand-alone and avoidable cost methodologies applied are consistent with those used in the previous RCP, however the calculations have been updated as part of the LRMC recalculation for our 2020-25 TSS. The stand-alone and avoidable cost methodologies are used to calculate the revenues for each standard control services tariff class. These costs are compared with the weighted average revenue derived from SA Power Networks' proposed tariffs. For detailed information on our stand-alone and avoidable cost methodologies, refer to our 2020-25 TSS Part A.

The revenue expected to be recovered from each of SA Power Networks' tariff classes in 2020/21 is compared with the stand-alone and avoidable costs in Table 25.

[19] NER 6.18.5(e)-(j)

Table 25: Stand-alone and Avoidable Distribution Network Costs ($Million)

Tariff Class	Stand-alone Cost	Tariff Revenue	Avoidable Cost
Residential	680	435.2	254
Small Business	314	136.9	63
Large LV Business	264	175.3	46
HV Business	93	31.9	6
Major Business	79	12.5	6
Total		**791.7**	

SA Power Networks' tariff classes lie within the subsidy free range, in that the expected DUoS revenue collected from each tariff class lies between the avoidable and stand-alone costs of supply and therefore complies with the NER.[20]

Long Run Marginal Costs

The consideration of LRMC applies where price signaling charging parameters (peak period energy and demand related components) form part of a tariff. SA Power Networks aims to ensure that where price signals are varied, they are moved in such a direction as to improve alignment with the LRMC. Charging components that materially over-recover or under-recover the LRMC would not pass on an efficient pricing signal to customers that represents their cost of utilising the network.

Where such price signaling charging parameters of a tariff do not recover sufficient revenue to cover the capital, operating and maintenance costs of the existing assets, the shortfall is recovered through a charging component that minimises distortion of the customers' consumption decisions, such as a fixed daily charge or an energy usage charge.

SA Power Networks applied the average incremental cost (**AIC**) approach to determine the network LRMC for our tariff classes. The methodology has been set out in detail in our 2020-25 TSS, Part A. The TSS sets out the compliance with these pricing principles, with the LRMC pricing signals set at appropriate levels. The LRMC of our distribution network ($/kVA pa) as shown in our 2020-25 TSS is included in Table 26 below.

Table 26: LRMC of our Distribution Network ($/kVA pa)

Tariff Class	Step	Total
Sub-Transmission	$ 14.8	$ 14.8
Zone Substation	$ 22.9	$ 37.7
HV Feeder	$ 13.4	$ 51.1
LV Transformer	$ 11.8	$ 62.9

The prices of peak demand in our annual demand tariffs are closely aligned to the LRMC price of the next voltage. For example:

- Large LV Business Annual Demand has a peak demand price of $52.60/kVA pa which closely aligns with the $51.10 for HV in table 24 above. Note that the costs of the LV transformer are recovered in the anytime demand charge of $37.60/kVA pa which includes a proportion of both LRMC and residual costs.
- HV Business Annual Demand has a peak demand price of $37.89/kVA pa which closely aligns with the $37.70 for Zone Substation in Table 26 above. Note that the costs of the HV feeder are recovered in the anytime demand charge of $36.83/kVA pa which includes a proportion of both LRMC and residual costs.

[20] NER 6.18.5(e)

3.1.3 Distribution Cost Recovery

Distribution Use of System (DUoS) Unders and Overs Account Balance

In accordance with the AER's 2020-25 Revenue Determination, Table 27 provides the forecast 30 June 2021 balance of SA Power Networks' distribution use of system unders and overs account.

SA Power Networks is expected to achieve a closing balance as close to zero as practicable on its DUoS unders and overs account in each forecast year in its APP.[21] The forecast under recovery balance of $0.139M is only 0.02% of forecast recovery.

Table 27: Distribution Unders and Overs Account Balance ($'000)

Unders and Overs Account	2019/20 Actual	2020/21 Estimate	2021/22 Forecast
(A) Revenue from DUoS charges	**861,766**	**829,072**	**791,702**
(B) Less TAR for regulatory year =	**837,348**	**808,658**	**811,859**
+ Adjustment annual smoothed revenues (AAR_t)	-	808,658	811,859
+ Incentive scheme amounts (I_t)	-	-[22]	-[23]
+ Annual Adjustments (B_t)	-	-	
+ Cost pass-through amounts (C_t)	-	-	-
(C) Revenue deliberately under-recovered in year (c)	**-**	**-**	**-**
(A Minus B plus C) (Under)/Over recovery of revenue for regulatory year	**24,418**	**20,414**	**(20,157)**
DUoS Unders and Overs account			
Nominal WACC (per cent)	6.09%	4.30%	3.12%
Opening balance	(24,618)	(966)	19,841
Interest on opening balance	(1,498)	(42)	619
(Under)/Over recovery for regulatory year	24,418	20,414	(20,157)
Interest on (Under)/Over recovery	732	434	(312)
Closing balance	**(966)**	**19,841**	**(9)**

[21] AER, indicative standard control services control mechanism formula and related information, April 2020, page 5.
[22] The incentive scheme item STPIS of $32.748M is included within the AAR_t of $808.658M.
[23] $768.396M is the Annual Smoothed Revenue before incentive scheme amounts. The incentive scheme item STPIS of $43.463M is additional but included within the AAR_t of $811.859M.

3.2 Designated Pricing Proposal Charges: Transmission Charges

SA Power Networks' Pricing Proposal is required under the NER[24] to set out how the designated pricing proposal charges (DPPC) it incurs are passed on to customers. DPPC is also referred to in this document as Transmission Use of Service (**TUoS**).

3.2.1 Transmission Cost Recovery

The key principles of SA Power Networks' transmission cost recovery (**TCR**) tariff methodology are:

- the total TUoS allocated to network tariffs aligns with the total estimated transmission charge to be paid by SA Power Networks, adjusted for any unders and overs account balance;
- to the extent possible, given the constraints of metering and tariff structures, transmission charges are allocated to network tariffs in a manner that reflects the cost drivers present in transmission pricing (ElectraNet price signals are in line with their 2018-23 Transmission determination);
- customers with a demand of 10 MW or consumption in excess of 40 GWh pa have individually calculated tariffs with transmission charges allocated in a manner that preserves the location and time signals of transmission pricing in accordance with the NER principles.[25]
- network tariffs for smaller customer classes have transmission charges allocated on an energy basis, as location signals cannot be preserved. Small customers are assumed to have a load factor better suited to using ElectraNet's non-locational energy prices than the capacity-based price. Large Business cost-reflective tariffs have costs allocated on a capacity basis but are then priced partly as demand and partly as energy. This ensures a reasonable outcome across the large business tariff classes that do not receive an individually calculated transmission price. It also ensures a reasonable balance between large and small customers.

3.2.2 Avoided TUoS payments

With respect to avoided TUoS for embedded generators, SA Power Networks calculates the avoided TUoS for all embedded generators that export to its distribution network at the same rates for the locational component which would be applied to a load of similar size at the same connection point. These calculations are prepared on a with/without basis.

This payment of avoided TUoS charges to embedded generators is in accordance with the NER.[26] These avoided TUoS payments to embedded generators would be recouped through the recovery mechanism for the TUoS charges. We have not made any payments to date.

3.2.3 Charging Parameters for Transmission Recovery Tariffs

SA Power Networks' transmission recovery tariffs are included in the bundled NUoS rates of customer tariffs. The charging parameters associated with transmission cost recovery tariffs are shown in Section 2 in Table 6 and Table 7. For customers with a demand greater than 10 MW or consumption in excess of 40 MWh pa the transmission cost recovery tariff is location specific; for all other customers including small customers it is averaged. Transmission cost recovery amounts are billed at the same frequency as the relevant tariff for SCS.

[24] NER 6.18.2(b)
[25] NER Chapter 6A Part J
[26] NER 5.5(h), 5.5(i) and 5.5(j)

TUoS Unders and Overs Account Balance Table 28 provides the forecast 30 June 2022 balance of SA Power Networks' TUoS unders and overs account. The forecast under recovery balance of $0.098M is only 0.04% of forecast recovery.

Table 28: Transmission Unders and Overs Account Balance ($'000)

Unders and Overs Account	2019/20 Actual	2020/21 Estimate	2021/22 Forecast
(A) Revenue from DPPC (TUoS cost recovery)	**254,255**	**265,016**	**271,555**
(B) Less DPPC related payments for regulatory year =	**245,073**	**263,187**	**275,135**
+ DPPC to be paid to TNSP	245,073	263,187	275,135
+ Avoided TUoS/DPPC payments	-	-	-
+ Inter-distributor payments	-	-	-
(A minus B) **(Under)/Over recovery of revenue for regulatory year**	**9,182**	**1,829**	**(3,580)**
TUoS Unders and Overs account			
Nominal WACC (per cent)	6.09%	4.30%	3.12%
Opening balance	(7,437)	1,568	3,504
Interest on opening balance	(453)	67	109
(Under)/Over recovery for regulatory year	9,182	1,829	(3,580)
Interest on (Under)/Over recovery	275	39	(55)
Closing balance	**1,568**	**3,504**	**(23)**

3.2.4 Transmission Recovery Tariffs for 2021/22

SA Power Networks' 2020/21 transmission charges are forecast to increase from an estimated $263.187M in 2020/21 to $275.135M in 2021/22.

SA Power Networks has prepared prices for 2021/22 that recover ElectraNet's charges and the closing balance of past over-recoveries ($3.504M balance estimated for June 2021). Prices for locational customers are based on the ElectraNet Price List.

All other customers have had prices applied on a State-wide non-locational basis, using the pricing signals provided by ElectraNet, the billing parameters available for that customer segment and the customer demand assumptions for that customer segment.

3.3 Jurisdictional Scheme Obligations (JSO) for PV-FiT

The PV feed-in tariff (**PV-FiT**) scheme is a SA Government initiative which commenced on 1 July 2008 and is to apply for 20 years. Under the SA Government legislation, SA Power Networks is obliged to make PV-FiT payments to qualifying customers that have solar PV generators, for energy they export to the grid.

The purpose of the JSO is to allow SA Power Networks to recover from all its customers the cost of the SA Government legislated feed-in tariff payments that SA Power Networks is required to make to those customers that have qualifying solar PV generators.

3.3.1 Jurisdictional Scheme Obligation (JSO) Unders and Overs Account Balance

Table 29 provides the forecast 2021/22 balance of SA Power Networks' JSO unders and overs account. The forecast under recovery balance of $0.031M is only 0.04% of forecast recovery.

Table 29: JSO Unders and Overs Account Balance ($'000)

Unders and Overs Account	2019/20 Actual	2020/21 Estimate	2021/22 Forecast
(A) Revenue from jurisdictional schemes	**84,330**	**82,250**	**79,148**
(B) Less jurisdictional scheme payments for regulatory year =	**82,665**	**79,569**	**80,000**
+ Jurisdictional Scheme Payments - 2028	15,043	14,555	14,700
+ Jurisdictional Scheme Payments - 2028S	67,623	65,014	65,300
(A minus B) (Under)/Over recovery of revenue for regulatory year	**1,644**	**2,681**	**(852)**
OVERS AND UNDERS ACCOUNT			
Nominal WACC (per cent)	6.09%	4.30%	3.12%
Opening balance	(3,338)	(1,827)	832
Interest on opening balance	(203)	(79)	26
(Under)/Over recovery for regulatory year	1,664	2,681	(852)
Interest on (Under)/Over recovery	50	57	(13)
Closing balance	**(1,827)**	**832**	**(8)**

3.3.2 JSO Recovery Tariffs for 2021/22

The JSO will be paid to qualifying generation customers via two types of payments:

- Payments under the original scheme (the '2028' Scheme): This scheme closed to new applicants in August 2010. Payments of $14.555M are estimated for 2020/21 and $14.700M are forecast for 2021/22.
- Payments under the subsequent scheme (the '2028 Stepped' Scheme): This scheme opened to new applicants when the 2028 scheme closed and required applications to be approved by September 2011. The number of generators approved under this scheme is much higher than under the 2028 scheme, and the size of the PV generation in each installation is also much higher. As a result, payments under this scheme are significantly higher than the original 2028 scheme, with estimated payments in 2020/21 of $65.014M and forecast payment for 2021/22 at $65.300M.

Both 2028 schemes have payments set at 44 cents/kWh for qualifying generation until June 2028.
SA Power Networks' JSO PV-FiT recovery tariffs are estimated to recover a total of $82.250M for 2020/21 and the forecast recovery payment for 2021/22 is $79.125M.

4. Alternative Control Service Charges

Alternative Control Services (ACS) are direct control services that are initiated by and/or are directly attributable to specific customers (i.e. where the cost of the service can be assigned to an individual customer), that are subject to direct regulatory oversight. In its 2020-25 revenue determination, the AER classified Type 5 and 6 metering services (legacy metering services), various other metering related services, non-standard connection services, network ancillary services and public lighting services as ACS.

Our 2021/22 prices have been developed in accordance with the AER approved control mechanisms[27], as detailed in section 4.4 below.

Appendix C sets out our proposed prices for ACS comprising of fee-based and quoted services related to:

- **Ancillary Network Services**
- **Metering Services**
- **Public Lighting Services**

New Services Proposed

Consistent with the AER's Framework and Approach, SA Power Networks may propose new services during the 2020-25 regulatory period, where the service falls within one of the established service groupings[28]. Any proposed new services are to be disclosed within SA Power Networks' Annual Pricing Proposal[29].

SA Power Networks is proposing to introduce four new quoted services in 2021/22. The pricing for these services will be based on a similar service within the same service grouping.

4.1 Ancillary Network Services

Wasted Visit – Metering Provider Non-Attendance (ACS395)

This quoted service fee will apply where SA Power Networks was unable to complete the scheduled connection or alteration due to the metering provider's non-attendance.

SA Power Networks will schedule connection appointments to facilitate the seamless connection of new customer installations or alterations to existing installations. These appointments will generally involve multiple parties (e.g. the registered Metering Provider and the customer's electrician) on site to enable the connection or alteration to be completed.

SA Power Networks is finding an increasing number of instances where our field technicians are attending a site to complete a scheduled customer connection or alteration, however work is unable to proceed due to the failure of the Metering Provider attending at the scheduled time. SA Power Networks may be unable to complete the scheduled customer connection or alteration where work is required by the Metering Provider as part of the connection or alteration process.

This fee will be charged to the registered Metering Provider for the installation non-attendance.

[27] AER, Final Decision: SA Power Networks Distribution Determination 2020 – 2025 – Attachment 13 Control mechanisms, June 2020, p 16-18.
[28] AER, Final framework and approach SA Power Networks Regulatory control period commencing 1 July 2020, July 2018, p 56.
[29] AER, Final Decision: SA Power Networks Distribution Determination 2020 – 2025 – Attachment 13 Control mechanisms, June 2020, p 15.

This fee is similar to ACS396 'Wasted Visit – Scheduled Customer Connection Appointment'. SA Power Networks proposes to quote and charge this fee in accordance with the price cap formula applicable to SA Power Networks' quoted services, as detailed in section 4.4.2.

Late Cancellation of Connection Appointment (ACS397)

This quoted service fee will apply where a connection appointment is cancelled with less than two full business days' notice prior to the connection date by the customer, their agent, retailer or Metering Provider.

This fee was previously included in SA Power Networks' Negotiated Distribution Service Price List (NDS397), however was incorrectly omitted from our 2020-25 regulatory proposal.

This fee is distinct from ACS396 'Wasted Visit – Scheduled Customer Connection Appointment' as SA Power Networks field technicians have not actually attended the customer's site. This fee will cover the administration costs associated with scheduling the initial connection appointment and any rescheduling of field technicians that may be required following cancellation of the appointment.

This fee may be charged to the customer, the customers' agent, their retailer or the registered Metering Provider.

This fee is similar to ACS396 'Wasted Visit – Scheduled Customer Connection Appointment'. SA Power Networks proposes to quote and charge this fee in accordance with the price cap formula applicable to SA Power Networks' quoted services, as detailed in section 4.4.2.

4.2 Public Lighting Services

RoadLED 100W – PLC

Following customer requests for an alternative standard luminaire as part of a LED upgrade program of work, SA Power Networks has now approved the RoadLED 100W luminaire for installation on our distribution network. The 100W RoadLED is recommended for use where an equivalent RoadLED80 or RoadLED150W would typically be used. These lights will likely only be offered under the PLC tariff, where the customer will fully fund the supply and installation of the LEDs up-front through our existing 'public lighting installation and upgrade' quoted service.

This quoted service fee will be developed using the same methodology as the RoadLED Midi 80W (LED78) PLC tariff.

RoadLED 120W – PLC

Following customer requests for an alternative standard luminaire as part of a LED upgrade program of work, SA Power Networks has now approved the RoadLED 120W luminaire for installation on our distribution network. The 120W RoadLED is recommended for use the where an equivalent RoadLED150W would typically be used. These lights will likely only be offered under the PLC tariff, where the customer will fully fund the supply and installation of the LEDs up-front through our existing 'public lighting installation and upgrade' quoted service.

This quoted service fee will be developed using the same methodology as the RoadLED Midi 150W (LED151) PLC tariff.

4.3 Updated Description

SA Power Networks also proposes to update the description for 'Re-inspection for compliance > 3hrs' (ACS345) to provide increased customer transparency on application of this fee. ACS345 applies when a site re-inspection is required for compliance, including to provide a certificate of compliance to the Retailer prior to a disconnection or reconnection. SA Power Networks proposes to update the description of ACS345.

- Current Description
  Re-inspection of an asset issued with a non-compliance notice (including travel time) – up to 3 hours normal time.

- Revised Description
  Re-inspection of an asset issued with a non-compliance notice (including travel time) – up to 3 hours normal time. This fee will also apply where a certificate of compliance is required for disconnection &/or reconnection.

The application of the fee will remain unchanged.

4.4 ACS Control Mechanism

In accordance with the AER's 2020-25 Final Determination, price caps will apply for ACS.

4.4.1 Fee Based Services:

The price cap formula to be applied to legacy metering, public lighting and ancillary fee-based services is as follows:

$$p_t^{-i} \geq p_t^i \qquad \text{i=1, …, n and t=1, 2, …, 5}$$

$$p_t^{-i} \geq p_{t-1}^{-i} \times (1 + CPI_t) \times (1 - X_t^i) + A_t^i$$

Where:

p_t^{-i} is the cap on the price of service i in year t.

p_t^i is the price of service i in year t. The initial value is to be decided in the 2020-25 distribution determination.

p_{t-1}^{-i} the cap on price of service i in year t-1.

t is the regulatory year.

ΔCPI_t is the annual percentage change in the ABS consumer price index (CPI) All Groups, Weighted Average of Eight Capital Cities[30] from the December quarter in year *t*–2 to the December quarter in year *t*–1, calculated using the following method:

The ABS CPI All Groups, Weighted Average of Eight Capital Cities for the December quarter in regulatory year t–1 divided by The ABS CPI All Groups, Weighted Average of Eight Capital Cities for the December quarter in regulatory year t–2 minus one.

[30] If the ABS does not, or ceases to, publish the index, then CPI will mean an index which the AER considers is the best available alternative index.

X_t^i is the X factor for service i in year t. The X factors are to be decided in the 2020-25 distribution determination and will be based on the approach SA Power Networks undertakes to develop its initial prices.

A_t^i is the sum of any adjustments for service i in year t. Likely to include, but not limited to, adjustments for any approved cost pass through amounts (positive or negative) with respect to regulatory year t, as determined by the AER.

4.4.2 Quoted Services:

The price cap formula to apply to quoted services is as follows:

Price = Labour + Contractor Services + Materials + Margin

Where:

Labour consists of all labour costs directly incurred in the provision of the service which may include labour on-costs, fleet on-costs, and overheads. Labour is escalated annually by $(1 + \Delta CPI_t)(1 - X_t^i)$ where:

ΔCPI_t is the annual percentage change in the ABS consumer price index (CPI) All Groups, Weighted Average of Eight Capital Cities[31] from the December quarter in year *t*–2 to the December quarter in year *t*–1, calculated using the following method:

The ABS CPI All Groups, Weighted Average of Eight Capital Cities for the December quarter in regulatory year t–1 divided by The ABS CPI All Groups, Weighted Average of Eight Capital Cities for the December quarter in regulatory year t–2 minus one.

X_t^i is the X factor for service i in year t. The X factor is to be decided in the 2020-25 distribution determination and will be based on the approach SA Power Networks undertakes to develop its initial prices.

Contractor Services reflect all costs associated with the use of the external labour including overheads and any direct costs incurred. The contracted services charge applies the rates under existing contractual arrangements. Direct costs incurred are passed on to the customer.

Materials reflect the cost of materials directly incurred in the provision of the service, material on-costs and overheads.

Margin is equal to six percent of the total of *Labour*, *Contractor Services* and *Materials*.

[31] If the ABS does not, or ceases to, publish the index, then CPI will mean an index which the AER considers is the best available alternative index.

Appendix A: Compliance Checklist

The development of this APP is governed by Chapter 6 of the Rules. The compliance statement shown in Table 30 has been prepared with reference to ss. 6.18.2 and 6.18.5 of the Rules.[32]

Table 30: Annual Pricing Proposal Compliance Checklist

Rule Provision	Rule Requirement	Relevant Section
PART I: Distribution Pricing Rules		
6.18.2	**Pricing Proposals**	
6.18.2(a)	A *Distribution Network Service Provider* must:	
6.18.2(a)(1)	submit to the *AER,* as soon as practicable, and in any case within 15 *business days*, after *publication* of the distribution determination, a *pricing proposal* (the **initial *pricing proposal***) for the first *regulatory year* of the *regulatory control period*; and	This Document
6.18.2(a)(2)	Submit to the *AER*, at least 3 months before the commencement of the second and each subsequent *regulatory year* of the *regulatory control period*, a further *pricing proposal* (an **annual *pricing proposal***) for the relevant *regulatory year.*	N/A
6.18.2(b)	A *pricing proposal* must:	
6.18.2(b)(1)	[Deleted]	N/A
6.18.2(b)(2)	set out the proposed tariffs for each *tariff class* that is specified in the *Distribution Network Service Provider's tariff structure statement* for the relevant *regulatory control period*;	Appendix B Attachment A
6.18.2(b)(3)	set out, for each proposed tariff, the *charging parameters* and the elements of service to which each *charging parameter* relates;	Section 2.3
6.18.2(b)(4)	set out, for each *tariff class* related to *standard control services*, the expected weighted average revenue for the relevant *regulatory year* and also for the current *regulatory year*;	Section 3.1
6.18.2(b)(5)	set out the nature of any variation or adjustment to the tariff that could occur during the course of the *regulatory year* and the basis on which it could occur;	Section 2.3
6.18.2(b)(6)	set out how *designated pricing proposal charges* are to be passed on to customers and any adjustments to tariffs resulting from over or under recovery of those charges in the previous *regulatory year*;	Section 3.2 Attachment A
6.18.2(b)(6A)	set out how *jurisdictional scheme amounts* for each *approved jurisdictional scheme* are to be passed on to customers and any adjustments to tariffs resulting from over or under recovery of those amounts;	Section 3.3 Attachment A
6.18.2(b)(6B)	describe how each approved *jurisdictional scheme* that has been amended since *the last jurisdictional scheme approval date* meets the *jurisdictional scheme eligibility criteria*;	Section 3.3
6.18.2(b)(7)	demonstrate compliance with the *Rules* and any applicable distribution determination, including the *Distribution Network Service Provider's tariff structure statement* for the relevant *regulatory control period*;	This document Attachment A
6.18.2(b)(7A)	demonstrate how each proposed tariff is consistent with the corresponding indicative pricing levels for the relevant *regulatory year* as set out in the relevant *indicative pricing schedule*, or explain any material differences between them; and	Section 2.4
6.18.2(b)(8)	describe the nature and extent of change from the previous *regulatory year* and demonstrate that the changes comply with the *Rules* and any applicable distribution determination.	Section 2.4
6.18.2(c)	The *AER* must on receipt of a *pricing proposal* from a *Distribution Network Service Provider* publish the proposal.	Noted

[32] Version 138, 8 May 2020.

Rule Provision	Rule Requirement	Relevant Section
6.18.2(d)	At the same time as a *Distribution Network Service Provider* submits a *pricing proposal* under paragraph (a), the *Distribution Network Service Provider* must submit to the *AER* a revised *indicative pricing schedule* which sets out, for each tariff and for each of the remaining *regulatory years* of the *regulatory control period*, the indicative price levels determined in accordance with the *Distribution Network Service Provider's tariff structure statement* for that *regulatory control period* and updated so as to take into account that *pricing proposal*.	Appendix B Attachment A
6.18.2(e)	Where the *Distribution Network Service Provider* submits an annual *pricing proposal*, the revised *indicative pricing schedule* referred to in paragraph (d) must also set out, for each relevant tariff under clause 6.18.1C, the indicative price levels for that relevant tariff for each of the remaining *regulatory years* of the *regulatory control period*, updated so as to take into account that *pricing proposal*.	N/A
6.18.5	**Pricing Principles**	
Network pricing objective		
6.18.5(a)	The *network pricing objective* is that the tariffs that a *Distribution Network Service Provider* charges in respect of its provision of *direct control services* to a *retail customer* should reflect the *Distribution Network Service Provider's* efficient costs of providing those services to the *retail customer*.	Noted
Application of the pricing principles		
6.18.5(b)	Subject to paragraph (c), a *Distribution Network Service Provider's* tariffs must comply with the pricing principles set out in paragraphs (e) to (j).	Noted
6.18.5(c)	A *Distribution Network Service Provider's* tariffs may vary from tariffs which would result from complying with the pricing principles set out in paragraphs (e) to (g) only:	Noted
6.18.5(c)(1)	to the extent permitted under paragraph (h); and	Noted
6.18.5(c)(2)	to the extent necessary to give effect to the pricing principles set out in paragraphs (i) to (j).	Noted
6.18.5(d)	A *Distribution Network Service Provider* must comply with paragraph (b) in a manner that will contribute to the achievement of the *network pricing objective*.	Noted
Pricing principles		
6.18.5(e)	For each *tariff class*, the revenue expected to be recovered must lie on or between:	Section 3.1
6.18.5(e)(1)	an upper bound representing the stand-alone cost of serving the *retail customers* who belong to that class; and	-
6.18.5(e)(2)	a lower bound representing the avoidable cost of not serving those *retail customers*.	-
6.18.5(f)	Each tariff must be based on the *long run marginal cost* of providing the service to which it relates to the *retail customers* assigned to that tariff with the method of calculating such cost and the manner in which that method is applied to be determined having regard to:	2020-25 TSS Section 3.1
6.18.5(f)(1)	the costs and benefits associated with calculating, implementing and applying that method as proposed;	-
6.18.5(f)(2)	the additional costs likely to be associated with meeting demand from *retail customers* that are assigned to that tariff at times of greatest utilisation of the relevant part of the *distribution network*; and	-
6.18.5(f)(3)	the location of *retail customers* that are assigned to that tariff and the extent to which costs vary between different locations in the *distribution network*.	-
6.18.5(g)	The revenue expected to be recovered from each tariff must:	
6.18.5(g)(1)	reflect the *Distribution Network Service Provider's* total efficient costs of serving the *retail customers* that are assigned to that tariff;	Attachment A

Rule Provision	Rule Requirement	Relevant Section
6.18.5(g)(2)	when summed with the revenue expected to be received from all other tariffs, permit the *Distribution Network Service Provider* to recover the expected revenue for the relevant services in accordance with the applicable distribution determination for the *Distribution Network Service Provider*; and	Attachment A
6.18.5(g)(3)	comply with sub-paragraphs (1) and (2) in a way that minimises distortions to the price signals for efficient usage that would result from tariffs that comply with the pricing principle set out in paragraph (f).	Attachment A
6.18.5(h)	A *Distribution Network Service Provider* must consider the impact on *retail customers* of changes in tariffs from the previous *regulatory year* and may vary tariffs from those that comply with paragraphs (e) to (g) to the extent the *Distribution Network Service Provider* considers reasonably necessary having regard to:	2020-25 TSS Section 2.3
6.18.5(h)(1)	the desirability for tariffs to comply with the pricing principles referred to in paragraphs (f) and (g), albeit after a reasonable period of transition (which may extend over more than one *regulatory control period*);	-
6.18.5(h)(2)	the extent to which *retail customers* can choose the tariff to which they are assigned; and	-
6.18.5(h)(3)	the extent to which *retail customers* are able to mitigate the impact of changes in tariffs through their usage decisions.	-
6.18.5(i)	The structure of each tariff must be reasonably capable of being understood by *retail customers* that are assigned to that tariff, having regard to:	2020-25 TSS Section 2.3
6.18.5(i)(1)	the type and nature of those *retail customers*; and	-
6.18.5(i)(2)	the information provided to, and the consultation undertaken with, those *retail customers*.	-
6.18.5(j)	A tariff must comply with the *Rules* and all *applicable regulatory instruments*.	2020-25 TSS

Appendix B: Standard Control Services Tariff Schedules

This Appendix includes the standard control services tariff schedules for 2021/22.

Table 31: NUoS Tariff Schedule 2021/22

SA Power Networks' Tariffs 2021/22 Price Schedule - Network Use of Service (NUoS)			SUPPLY Supply Rate $/day	ENERGY BASED USAGE Single and ToU consumption $/kWh				ANNUAL kVA DEMAND Actual/Agreed Annual $/kVA/day		MONTHLY kVA DEMAND Actual Monthly Demand $/kVA/day			MONTHLY kW DEMAND Actual Monthly $kW/day		ENERGY BASED USAGE CL Single and TOU consumption billed (MWh) $/kWh			
Code SA	Code CBD only	Name (Residential) Name (Business)		Non-TOU Non-TOU	Peak Peak	Off-Peak Shoulder	Solar Sponge Off-Peak	Peak Year	Anytime Year	Peak 5	BD Summer 5	BD Shoulder 12	Mth Peak 5 Mth Peak 5	Anytime Year	Non-TOU Non-TOU	Peak	Off-Peak	Solar Sponge
Residential (Domestic tariffs)																		
Residential Type 5, 6 Meters																		
RSR/RSROPCL	RSR/RSROPCL	Residential Single Rate (Type 6 meter)	$ 0.4932	$ 0.1346											$ 0.0675			
RSR/RSRCL	RSR/RSRCL	Residential Single Rate (Type 4 meter)	$ 0.4932	$ 0.1346												$ 0.1685	$ 0.0675	$ 0.0337
RTOU/RTOUCL	RTOU/RTOUCL	Residential Time of Use	$ 0.4932		$ 0.1685	$ 0.0675	$ 0.0337									$ 0.1685	$ 0.0675	$ 0.0337
RPRO/RPROCL	RPRO/RPROCL	Residential Prosumer	$ 0.4932		$ 0.1009	$ 0.0404	$ 0.0201						$ 0.7488			$ 0.1685	$ 0.0675	$ 0.0337
RTOU+/RTOU+CL	RTOU+/RTOU+CL	Residential Trial Time of Use Plus	$ 0.4932		$ 0.4307	$ 0.1117	$ 0.0201									$ 0.1685	$ 0.0675	$ 0.0337
Small Business <160 MWh																		
Small Business Unmetered Tariffs																		
LVUU	LVUU	Overnight Unmetered	$ -	$ 0.0990														
LVUU24	LVUU24	24 hr Unmetered	$ -	$ 0.0990														
Small Business Type 6 Meters																		
BSR/BSROPCL	BSR/BSROPCL	Business Single Rate	$ 0.5616	$ 0.1501											$ 0.0675			
B2R/B2ROPCL	B2R/B2ROPCL	Business Two Rate	$ 0.5616		$ 0.1693		$ 0.0846								$ 0.0675			
M/QOPCL	M/QOPCL	Business Controlled Load only	$ -												$ 0.0675			
Small Business Interval Meters (type 4, 5)																		
SBTOU	SBTOU	Small Business Time of Use	$ 0.5616		$ 0.2252	$ 0.1568	$ 0.0846											
SBTOUD	SBTOUD	Small Business Time of Use with Demand	$ 0.5616		$ 0.1802	$ 0.1254	$ 0.0676		$ 0.0792									
SBD	SBD	Small Business Actual Monthly Demand (transition)	$ 5.5205	$ 0.0889							$ 0.3962	$ 0.1960						
Large LV Business >160 MWh pa																		
Large LV Business Type 6 Meter Tariffs																		
BSRT/BSRTOPCL	BSRT/BSRTOPCL	Large LV Business Single Rate	$ 0.5616	$ 0.1801											$ 0.0675			
B2RT/B2RTOPCL	B2RT/B2RTOPCL	Large LV Business Two Rate	$ 0.5616		$ 0.2031		$ 0.1015								$ 0.0675			
Large LV Business - Interval Meter Tariffs																		
LBAD	LBADCBD	Large Business Annual Demand	$ 6.7950		$ 0.0673		$ 0.0420	$ 0.2599	$ 0.1028									
LBMD	LBMDCBD	Large Business Monthly Peak Demand	$ 6.7950		$ 0.0673		$ 0.0420		$ 0.1028	$ 0.9423								
BD	BD	Large Business Actual Monthly Demand (transition)	$ 5.4794	$ 0.0870							$ 0.3962	$ 0.1960						
LBG	LBGCBD	LV Business Generation supply	$ 6.7950					$ 0.2599	$ 0.1028									
LBAD087		Large Business Annual Demand	$ 128.4380		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD201		Large Business Annual Demand	$ 133.9068		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD292		Large Business Annual Demand	$ 130.0726		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD322		Large Business Annual Demand	$ 99.6336		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD342		Large Business Annual Demand	$ 271.7208		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD422		Large Business Annual Demand	$ 203.8210		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD432		Large Business Annual Demand	$ 265.7372		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD517		Large Business Annual Demand	$ 49.5700		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD583		Large Business Annual Demand	$ 54.7100		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD627		Large Business Annual Demand	$ 485.1846		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD711		Large Business Annual Demand	$ 50.2998		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBAD977		Large Business Annual Demand	$ 581.4564		$ 0.0673		$ 0.0420	$ 0.2599	$ -									
LBMD979		Large Business Monthly Demand	$ 213.6592		$ 0.0673		$ 0.0420		$ -	$ 0.9423								

SA Power Networks' Tariffs 2021/22 Price Schedule - Network Use of Service (NUoS)			SUPPLY Supply Rate $/day	ENERGY BASED USAGE Single and ToU consumption $/kWh				ANNUAL kVA DEMAND Actual/Agreed Annual $/kVA/day		MONTHLY kVA DEMAND Actual Monthly Demand $/kVA/day			MONTHLY kW DEMAND Actual Monthly $kW/day		ENERGY BASED USAGE CL Single and TOU consumption billed (MWh) $/kWh			
Code SA	Code CBD only	Name (Residential) Name (Business)		$/kWh Non-TOU	$/kWh Peak	$/kWh Off-Peak Shoulder	$/kWh Solar Sponge Off-Peak	$/kVA/day Peak Year	$/kVA/day Anytime Year	$/kVA/day Peak 5	$/kVA/day BD Summer 5	$/kVA/day BD Shoulder 12	$kW/day Mth Peak 5	$kW/day Anytime Year	$/kWh Non-TOU	$/kWh Peak	$/kWh Off-Peak	$/kWh Solar Sponge
Large HV Business																		
HV Business - Interval Meter Tariffs																		
HVAD	HVADCBD	HV Business Annual Demand	$ 39.9626		$ 0.0417		$ 0.0261	$ 0.2198	$ 0.1007									
HVMD	HVMDCBD	HV Business Monthly Peak Demand	$ 39.9626		$ 0.0417		$ 0.0261		$ 0.1007	$ 0.7968								
HBD	HBD	HV Business Actual Monthly Demand (transition)	$ 5.4794	$ 0.0854							$ 0.3962	$ 0.1960						
HVAD500	HVAD500CBD	HV Business Annual Demand <500kVA	$ 6.7950		$ 0.0651		$ 0.0407	$ 0.2599	$ 0.1028									
HVBG	HVBGCBD	HV Business Generation supply	$ -					$ 0.2198	$ 0.1007									
HVAD078		HV Business Annual Demand	$ 704.1492		$ 0.0417		$ 0.0261	$ 0.2198	$ -									
HVAD265		HV Business Annual Demand	$ 140.4311		$ 0.0276		$ 0.0173	$ 0.2771	$ 0.1007									
HVAD381		HV Business Annual Demand	$ 393.2092		$ 0.0417		$ 0.0261	$ 0.2198	$ 0.1007									
Major Business																		
Major Business Zone Sub-Station																		
ZSN		Zone Substation kVA	$ -	$ 0.0140				$ 0.1569	$ 0.0727									
ZSS025		Zone Substation non-Locational	$ -	$ 0.0140				$ 0.1569	$ 0.0727									
ZSS104		Zone Substation non-Locational	$ 596.0466	$ 0.0140				$ 0.1569	$ 0.0727									
ZSS196		Zone Substation non-Locational	$ -	$ 0.0140				$ 0.1569	$ 0.0727									
ZSS296		Zone Substation non-Locational	$ 955.0000	$ 0.0140				$ 0.1569	$ 0.0727									
ZSS550		Zone Substation non-Locational	$ 547.9452	$ 0.0140				$ 0.1569	$ 0.0727									
ZSS766		Zone Substation non-Locational	$ -	$ 0.0140				$ 0.1569	$ 0.0727									
ZSS951		Zone Substation non-Locational	$ 405.2006	$ 0.0052				$ 0.2142	$ 0.0727									
Major Business Zone Sub-Station Locational TUoS																		
ZSN021		Zone Substation kVA Locational	$ 392.8306	$ 0.0052				$ 0.2571	$ 0.0727									
ZSN024		Zone Substation kVA Locational	$ 133.5109	$ 0.0052				$ 0.2193	$ 0.0727									
ZSN035		Zone Substation kVA Locational	$ 165.3307	$ 0.0052				$ 0.2597	$ 0.0727									
	ZSN228	Zone Substation kVA Locational	$ 155.7676	$ 0.0052				$ 0.2377	$ 0.0727									
ZSN272		Zone Substation kVA Locational	$ -	$ 0.0140				$ 0.1569	$ 0.0727									
ZSN273		Zone Substation kVA Locational	$ -	$ 0.0140				$ 0.1569	$ 0.0727									
ZSN307		Zone Substation kVA Locational	$ -	$ 0.0140				$ 0.1569	$ 0.0727									
ZSN438		Zone Substation kVA Locational	$ 65.7307	$ 0.0052				$ 0.2193	$ 0.0727									
ZSN608		Zone Substation kVA Locational	$ 121.2315	$ 0.0052				$ 0.2193	$ 0.0727									
ZSN767		Zone Substation kVA Locational	$ -	$ 0.0140				$ 0.1569	$ 0.0727									
Major Business Sub Transmission																		
STN		Sub transmission kVA	$ -	$ 0.0113				$ 0.1162	$ 0.0407									
STR148		Sub Transmission non-Locational	$ -	$ 0.0113				$ 0.1162	$ 0.0407									
STR610		Sub Transmission non-Locational	$ 207.0000	$ 0.0113				$ 0.1162	$ 0.0407									
STR749		Sub Transmission non-Locational	$ 457.0000	$ 0.0113				$ 0.1162	$ 0.0407									
Major Business Sub Transmission Locational																		
STN018		Sub transmission kVA Locational	$ 737.7349	$ 0.0025				$ 0.2164	$ 0.0407									
STN084		Sub transmission kVA Locational	$8,326.2000	$ 0.0025				$ -	$ 0.0407									
STN161		Sub transmission kVA Locational	$ 777.5299	$ 0.0231				$ 0.0387	$ 0.0407									
STN162		Sub transmission kVA Locational	$ -	$ 0.0113				$ 0.1162	$ 0.0407									
STN378		Sub transmission kVA Locational	$2,769.9000	$ 0.0025				$ -	$ 0.0407									
STN557		Sub transmission kVA Locational	$ 447.2727	$ 0.0025				$ 0.2623	$ 0.0407									
STN609		Sub transmission kVA Locational	$3,570.9000	$ 0.0025				$ -	$ 0.0407									
STN788		Sub transmission kVA Locational	$ 371.8586	$ 0.0025				$ 0.1735	$ 0.0407									

Table 32: DUoS Tariff Schedule 2021/22

SA Power Networks' Tariffs 2021/22 Price Schedule - Distribution Use of Service (DUoS)			SUPPLY Supply Rate $/day	ENERGY BASED USAGE Single and ToU consumption $/kWh				ANNUAL kVA DEMAND Actual/Agreed Annual $/kVA/day		MONTHLY kVA DEMAND Actual Monthly Demand $/kVA/day			MONTHLY kW DEMAND Actual Monthly $kW/day		ENERGY BASED USAGE CL Single and TOU consumption billed (MWh) $/kWh			
Code	Code	Name (Residential)		Non-TOU	Peak	Off-Peak	Solar Sponge	Peak Year	Anytime Year	Peak 5	BD Summer 5	BD Shoulder 12	Mth Peak 5	Anytime Year	Non-TOU	Peak	Off-Peak	Solar Sponge
SA	CBD only	Name (Business)		Non-TOU	Peak	Shoulder	Off-Peak						Mth Peak 5	Anytime Year	Non-TOU			
Residential (Domestic tariffs)																		
Residential Type 5, 6 Meters																		
RSR/RSROPCL	RSR/RSROPCL	Residential Single Rate (Type 6 meter)	$ 0.4521	$ 0.0879											$ 0.0440			
RSR/RSRCL	RSR/RSRCL	Residential Single Rate (Type 4 meter)	$ 0.4521	$ 0.0879												$ 0.1100	$ 0.0440	$ 0.0220
RTOU/RTOUCL	RTOU/RTOUCL	Residential Time of Use	$ 0.4521		$ 0.1100	$ 0.0440	$ 0.0220									$ 0.1100	$ 0.0440	$ 0.0220
RPRO/RPROCL	RPRO/RPROCL	Residential Prosumer	$ 0.4521		$ 0.0659	$ 0.0264	$ 0.0131						$ 0.4890			$ 0.1100	$ 0.0440	$ 0.0220
RTOU+/RTOU+CL	RTOU+/RTOU+CL	Residential Trial Time of Use Plus	$ 0.4521		$ 0.2813	$ 0.0730	$ 0.0132									$ 0.1100	$ 0.0440	$ 0.0220
Small Business <160 MWh																		
Small Business Unmetered Tariffs																		
LVUU	LVUU	Overnight Unmetered	$ -	$ 0.0664														
LVUU24	LVUU24	24 hr Unmetered	$ -	$ 0.0664														
Small Business Type 6 Meters																		
BSR/BSROPCL	BSR/BSROPCL	Business Single Rate	$ 0.5205	$ 0.1016											$ 0.0440			
B2R/B2ROPCL	B2R/B2ROPCL	Business Two Rate	$ 0.5205		$ 0.1146		$ 0.0573								$ 0.0440			
M/QOPCL	M/QOPCL	Business Controlled Load only	$ -												$ 0.0440			
Small Business Interval Meters (type 4, 5)																		
SBTOU	SBTOU	Small Business Time of Use	$ 0.5205		$ 0.1525	$ 0.1061	$ 0.0573											
SBTOUD	SBTOUD	Small Business Time of Use with Demand	$ 0.5205		$ 0.1220	$ 0.0849	$ 0.0458		$ 0.0792									
SBD	SBD	Small Business Actual Monthly Demand (transition)	$ 5.4794	$ 0.0587							$ 0.3094	$ 0.1531						
Large LV Business >160 MWh pa																		
Large LV Business Type 6 Meter Tariffs																		
BSRT/BSRTOPCL	BSRT/BSRTOPCL	Large LV Business Single Rate	$ 0.5205	$ 0.1219											$ 0.0440			
B2RT/B2RTOPCL	B2RT/B2RTOPCL	Large LV Business Two Rate	$ 0.5205		$ 0.1375		$ 0.0688								$ 0.0440			
Large LV Business - Interval Meter Tariffs																		
LBAD	LBADCBD	Large Business Annual Demand	$ 6.7950		$ 0.0418		$ 0.0261	$ 0.1438	$ 0.1028									
LBMD	LBMDCBD	Large Business Monthly Peak Demand	$ 6.7950		$ 0.0418		$ 0.0261		$ 0.1028	$ 0.5215								
BD	BD	Large Business Actual Monthly Demand (transition)	$ 5.4794	$ 0.0587							$ 0.3094	$ 0.1531						
LBG	LBGCBD	LV Business Generation supply	$ 6.7950					$ 0.1438	$ 0.1028									
LBAD087		Large Business Annual Demand	$ 128.4380		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD201		Large Business Annual Demand	$ 133.9068		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD292		Large Business Annual Demand	$ 130.0726		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD322		Large Business Annual Demand	$ 99.6336		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD342		Large Business Annual Demand	$ 271.7208		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD422		Large Business Annual Demand	$ 203.8210		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD432		Large Business Annual Demand	$ 265.7372		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD517		Large Business Annual Demand	$ 49.5700		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD583		Large Business Annual Demand	$ 54.7100		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD627		Large Business Annual Demand	$ 485.1846		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD711		Large Business Annual Demand	$ 50.2998		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBAD977		Large Business Annual Demand	$ 581.4564		$ 0.0418		$ 0.0261	$ 0.1438	$ -									
LBMD979		Large Business Monthly Demand	$ 213.6592		$ 0.0418		$ 0.0261		$ -	$ 0.5215								

SA Power Networks' Tariffs 2021/22 Price Schedule - Distribution Use of Service (DUoS)			SUPPLY Supply Rate $/day	ENERGY BASED USAGE Single and ToU consumption $/kWh				ANNUAL kVA DEMAND Actual/Agreed Annual $/kVA/day		MONTHLY kVA DEMAND Actual Monthly Demand $/kVA/day			MONTHLY kW DEMAND Actual Monthly $kW/day		ENERGY BASED USAGE CL Single and TOU consumption billed (MWh) $/kWh			
Code SA	Code CBD only	Name (Residential) Name (Business)		$/kWh Non-TOU	$/kWh Peak	$/kWh Off-Peak Shoulder	$/kWh Solar Sponge Off-Peak	$/kVA/day Peak Year	$/kVA/day Anytime Year	$/kVA/day Peak 5	$/kVA/day BD Summer 5	$/kVA/day BD Shoulder 12	$kW/day Mth Peak 5	$kW/day Anytime Year	$/kWh Non-TOU	$/kWh Peak	$/kWh Off-Peak	$/kWh Solar Sponge
Large HV Business																		
HV Business - Interval Meter Tariffs																		
HVAD	HVADCBD	HV Business Annual Demand	$ 39.9626		$ 0.0232		$ 0.0145	$ 0.1036	$ 0.1007									
HVMD	HVMDCBD	HV Business Monthly Peak Demand	$ 39.9626		$ 0.0232		$ 0.0145		$ 0.1007	$ 0.3755								
HBD	HBD	HV Business Actual Monthly Demand (transition)	$ 5.4794	$ 0.0587							$ 0.3094	$ 0.1531						
HVAD500	HVAD500CBD	HV Business Annual Demand <500kVA	$ 6.7950		$ 0.0418		$ 0.0261	$ 0.1438	$ 0.1028									
HVBG	HVBGCBD	HV Business Generation supply	$ -					$ 0.1036	$ 0.1007									
HVAD078		HV Business Annual Demand	$ 704.1492		$ 0.0232		$ 0.0145	$ 0.1036	$ -									
HVAD265		HV Business Annual Demand	$ 39.9626		$ 0.0232		$ 0.0145	$ 0.1036	$ 0.1007									
HVAD381		HV Business Annual Demand	$ 393.2092		$ 0.0232		$ 0.0145	$ 0.1036	$ 0.1007									
Major Business																		
Major Business Zone Sub-Station																		
ZSN		Zone Substation kVA	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSS025		Zone Substation non-Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSS104		Zone Substation non-Locational	$ 596.0466	$ 0.0043				$ 0.0407	$ 0.0727									
ZSS196		Zone Substation non-Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSS296		Zone Substation non-Locational	$ 955.0000	$ 0.0043				$ 0.0407	$ 0.0727									
ZSS550		Zone Substation non-Locational	$ 547.9452	$ 0.0043				$ 0.0407	$ 0.0727									
ZSS766		Zone Substation non-Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSS951		Zone Substation non-Locational	$ 297.7836	$ 0.0043				$ 0.0407	$ 0.0727									
Major Business Zone Sub-Station Locational TUoS																		
ZSN021		Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSN024		Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSN035		Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
	ZSN228	Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSN272		Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSN273		Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSN307		Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSN438		Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
ZSN608		Zone Substation kVA Locational	$ 84.7644	$ 0.0043				$ 0.0407	$ 0.0727									
ZSN767		Zone Substation kVA Locational	$ -	$ 0.0043				$ 0.0407	$ 0.0727									
Major Business Sub Transmission																		
STN		Sub transmission kVA	$ -	$ 0.0016				$ -	$ 0.0407									
STR148		Sub Transmission non-Locational	$ -	$ 0.0016				$ -	$ 0.0407									
STR610		Sub Transmission non-Locational	$ 207.0000	$ 0.0016				$ -	$ 0.0407									
STR749		Sub Transmission non-Locational	$ 457.0000	$ 0.0016				$ -	$ 0.0407									
Major Business Sub Transmission Locational																		
STN018		Sub transmission kVA Locational	$ -	$ 0.0016				$ -	$ 0.0407									
STN084		Sub transmission kVA Locational	$ -	$ 0.0016				$ -	$ 0.0407									
STN161		Sub transmission kVA Locational	$ -	$ 0.0016				$ -	$ 0.0407									
STN162		Sub transmission kVA Locational	$ -	$ 0.0016				$ -	$ 0.0407									
STN378		Sub transmission kVA Locational	$ -	$ 0.0016				$ -	$ 0.0407									
STN557		Sub transmission kVA Locational	$ -	$ 0.0016				$ -	$ 0.0407									
STN609		Sub transmission kVA Locational	$ -	$ 0.0016				$ -	$ 0.0407									
STN788		Sub transmission kVA Locational	$ -	$ 0.0016				$ -	$ 0.0407									

Table 33: TUoS Tariff Schedule 2021/22

SA Power Networks' Tariffs 2021/22 Price Schedule - Transmission Use of Service (TUoS)			SUPPLY Supply Rate $/day	ENERGY BASED USAGE Single and ToU consumption $/kWh				ANNUAL kVA DEMAND Actual/Agreed Annual $/kVA/day		MONTHLY kVA DEMAND Actual Monthly Demand $/kVA/day			MONTHLY kW DEMAND Actual Monthly $kW/day		ENERGY BASED USAGE CL Single and TOU consumption billed (MWh) $/kWh			
Code SA	Code CBD only	Name (Residential) Name (Business)		$/kWh Non-TOU	$/kWh Peak	$/kWh Off-Peak	$/kWh Solar Sponge	$/kVA/day Peak Year	$/kVA/day Anytime Year	$/kVA/day Peak 5	$/kVA/day BD Summer 5	$/kVA/day BD Shoulder 12	$kW/day Mth Peak 5	$kW/day Anytime Year	$/kWh Non-TOU	$/kWh Peak	$/kWh Off-Peak	$/kWh Solar Sponge
Residential (Domestic tariffs)																		
Residential Type 5, 6 Meters																		
RSR/RSROPCL	RSR/RSROPCL	Residential Single Rate (Type 6 meter)	$ -	$ 0.0356											$ 0.0179			
RSR/RSRCL	RSR/RSRCL	Residential Single Rate (Type 4 meter)	$ -	$ 0.0356												$ 0.0446	$ 0.0179	$ 0.0089
RTOU/RTOUCL	RTOU/RTOUCL	Residential Time of Use	$ -		$ 0.0446	$ 0.0179	$ 0.0089									$ 0.0446	$ 0.0179	$ 0.0089
RPRO/RPROCL	RPRO/RPROCL	Residential Prosumer	$ -		$ 0.0267	$ 0.0107	$ 0.0054						$ 0.1984			$ 0.0446	$ 0.0179	$ 0.0089
RTOU+/RTOU+CL	RTOU+/RTOU+CL	Residential Trial Time of Use Plus	$ -		$ 0.1139	$ 0.0295	$ 0.0053									$ 0.0446	$ 0.0179	$ 0.0089
Small Business <160 MWh																		
Small Business Unmetered Tariffs																		
LVUU	LVUU	Overnight Unmetered	$ -	$ 0.0275														
LVUU24	LVUU24	24 hr Unmetered	$ -	$ 0.0275														
Small Business Type 6 Meters																		
BSR/BSROPCL	BSR/BSROPCL	Business Single Rate	$ -	$ 0.0400											$ 0.0179			
B2R/B2ROPCL	B2R/B2ROPCL	Business Two Rate	$ -		$ 0.0451		$ 0.0226								$ 0.0179			
M/QOPCL	M/QOPCL	Business Controlled Load only	$ -												$ 0.0179			
Small Business Interval Meters (type 4, 5)																		
SBTOU	SBTOU	Small Business Time of Use	$ -		$ 0.0600	$ 0.0418	$ 0.0226											
SBTOUD	SBTOUD	Small Business Time of Use with Demand	$ -		$ 0.0480	$ 0.0334	$ 0.0180		$ -									
SBD	SBD	Small Business Actual Monthly Demand (transition)	$ -	$ 0.0231							$ 0.0868	$ 0.0429						
Large LV Business >160 MWh pa																		
Large LV Business Type 6 Meter Tariffs																		
BSRT/BSRTOPCL	BSRT/BSRTOPCL	Large LV Business Single Rate	$ -	$ 0.0480											$ 0.0179			
B2RT/B2RTOPCL	B2RT/B2RTOPCL	Large LV Business Two Rate	$ -		$ 0.0541		$ 0.0271								$ 0.0179			
Large LV Business - Interval Meter Tariffs																		
LBAD	LBADCBD	Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBMD	LBMDCBD	Large Business Monthly Peak Demand	$ -		$ 0.0189		$ 0.0118		$ -	$ 0.4208								
BD	BD	Large Business Actual Monthly Demand (transition)	$ -	$ 0.0231							$ 0.0868	$ 0.0429						
LBG	LBGCBD	LV Business Generation supply	$ -					$ 0.1161	$ -									
LBAD087		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD201		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD292		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD322		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD342		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD422		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD432		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD517		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD583		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD627		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD711		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBAD977		Large Business Annual Demand	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
LBMD979		Large Business Monthly Demand	$ -		$ 0.0189		$ 0.0118		$ -	$ 0.4208								

SA Power Networks' Tariffs **Price Schedule - Transmission Use of Service (TUoS)**			**SUPPLY** Supply Rate $/day	**ENERGY BASED USAGE** Single and ToU consumption $/kWh	$/kWh	$/kWh	$/kWh	**ANNUAL kVA DEMAND** Actual/Agreed Annual $/kVA/day	$/kVA/day	**MONTHLY kVA DEMAND** Actual Monthly Demand $/kVA/day	$/kVA/day	$/kVA/day	**MONTHLY kW DEMAND** Actual Monthly $kW/day	$kW/day	**ENERGY BASED USAGE** CL Single and TOU consumption billed (MWh) $/kWh	$/kWh	$/kWh	$/kWh
Code SA	Code CBD only	Name (Residential) Name (Business)		Non-TOU Non-TOU	Peak Peak	Off-Peak Shoulder	Solar Sponge Off-Peak	Peak Year	Anytime Year	Peak 5	BD Summer 5	BD Shoulder 12	Mth Peak 5 Mth Peak 5	Anytime Year	Non-TOU Non-TOU	Peak	Off-Peak	Solar Sponge
Large HV Business																		
HV Business - Interval Meter Tariffs																		
HVAD	HVADCBD	HV Business Annual Demand	$ -		$ 0.0141		$ 0.0088	$ 0.1162	$ -									
HVMD	HVMDCBD	HV Business Monthly Peak Demand	$ -		$ 0.0141		$ 0.0088		$ -	$ 0.4213								
HBD	HBD	HV Business Actual Monthly Demand (transition)	$ -	$ 0.0231							$ 0.0868	$ 0.0429						
HVAD500	HVAD500CBD	HV Business Annual Demand <500kVA	$ -		$ 0.0189		$ 0.0118	$ 0.1161	$ -									
HVBG	HVBGCBD	HV Business Generation supply	$ -					$ 0.1162	$ -									
HVAD078		HV Business Annual Demand	$ -		$ 0.0141		$ 0.0088	$ 0.1162	$ -									
HVAD265		HV Business Annual Demand	$ 100.4685		$ -		$ -	$ 0.1735	$ -									
HVAD381		HV Business Annual Demand	$ -		$ 0.0141		$ 0.0088	$ 0.1162	$ -									
Major Business																		
Major Business Zone Sub-Station																		
ZSN		Zone Substation kVA	$ -	$ 0.0088				$ 0.1162	$ -									
ZSS025		Zone Substation non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSS104		Zone Substation non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSS196		Zone Substation non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSS296		Zone Substation non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSS550		Zone Substation non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSS766		Zone Substation non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSS951		Zone Substation non-Locational	$ 107.4170	$ -				$ 0.1735	$ -									
Major Business Zone Sub-Station Locational TUoS																		
ZSN021		Zone Substation kVA Locational	$ 392.8306	$ -				$ 0.2164	$ -									
ZSN024		Zone Substation kVA Locational	$ 133.5109	$ -				$ 0.1786	$ -									
ZSN035		Zone Substation kVA Locational	$ 165.3307	$ -				$ 0.2190	$ -									
	ZSN228	Zone Substation kVA Locational	$ 155.7676	$ -				$ 0.1970	$ -									
ZSN272		Zone Substation kVA Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSN273		Zone Substation kVA Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSN307		Zone Substation kVA Locational	$ -	$ 0.0088				$ 0.1162	$ -									
ZSN438		Zone Substation kVA Locational	$ 65.7307	$ -				$ 0.1786	$ -									
ZSN608		Zone Substation kVA Locational	$ 36.4671	$ -				$ 0.1786	$ -									
ZSN767		Zone Substation kVA Locational	$ -	$ 0.0088				$ 0.1162	$ -									
Major Business Sub Transmission																		
STN		Sub transmission kVA	$ -	$ 0.0088				$ 0.1162	$ -									
STR148		Sub Transmission non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
STR610		Sub Transmission non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
STR749		Sub Transmission non-Locational	$ -	$ 0.0088				$ 0.1162	$ -									
Major Business Sub Transmission Locational																		
STN018		Sub transmission kVA Locational	$ 737.7349	$ -				$ 0.2164	$ -									
STN084		Sub transmission kVA Locational	$8,326.2000	$ -				$ -	$ -									
STN161		Sub transmission kVA Locational	$ 777.5299	$ 0.0206				$ 0.0387	$ -									
STN162		Sub transmission kVA Locational	$ -	$ 0.0088				$ 0.1162	$ -									
STN378		Sub transmission kVA Locational	$2,769.9000	$ -				$ -	$ -									
STN557		Sub transmission kVA Locational	$ 447.2727	$ -				$ 0.2623	$ -									
STN609		Sub transmission kVA Locational	$3,570.9000	$ -				$ -	$ -									
STN788		Sub transmission kVA Locational	$ 371.8586	$ -				$ 0.1735	$ -									

Table 34: JSO Tariff Schedule 2021/22

SA Power Networks' Tariffs 2021/22 Price Schedule - Jurisdiction Obligation Scheme (JSO)			SUPPLY	ENERGY BASED USAGE				ANNUAL kVA DEMAND		MONTHLY kVA DEMAND			MONTHLY kW DEMAND		ENERGY BASED USAGE			
			Supply Rate	Single and ToU consumption				Actual/Agreed Annual		Actual Monthly Demand			Actual Monthly		CL Single and TOU consumption billed (MWh)			
Code	Code	Name (Residential)	$/day	$/kWh	$/kWh	$/kWh	$/kWh	$/kVA/day	$/kVA/day	$/kVA/day	$/kVA/day	$/kVA/day	$/kW/day	$/kW/day	$/kWh	$/kWh	$/kWh	$/kWh
SA	CBD only	Name (Business)		Non-TOU	Peak	Shoulder	Off-Peak	Peak Year	Anytime Year	Peak 5	BD Summer 5	BD Shoulder 12	Mth Peak 5 Mth Peak 5	Anytime Year	Non-TOU	Peak	Off-Peak	Solar Sponge
Residential (Domestic tariffs)																		
Residential Type 5, 6 Meters																		
RSR/RSROPCL	RSR/RSROPCL	Residential Single Rate (Type 6 meter)	$ 0.0411	$ 0.0111											$ 0.0056			
RSR/RSRCL	RSR/RSRCL	Residential Single Rate (Type 4 meter)	$ 0.0411	$ 0.0111												$ 0.0139	$ 0.0056	$ 0.0028
RTOU/RTOUCL	RTOU/RTOUCL	Residential Time of Use	$ 0.0411		$ 0.0139	$ 0.0056	$ 0.0028									$ 0.0139	$ 0.0056	$ 0.0028
RPRO/RPROCL	RPRO/RPROCL	Residential Prosumer	$ 0.0411		$ 0.0083	$ 0.0033	$ 0.0016						$ 0.0614			$ 0.0139	$ 0.0056	$ 0.0028
RTOU+/RTOU+CL	RTOU+/RTOU+CL	Residential Trial Time of Use Plus	$ 0.0411		$ 0.0355	$ 0.0092	$ 0.0016									$ 0.0139	$ 0.0056	$ 0.0028
Small Business <160 MWh																		
Small Business Unmetered Tariffs																		
LVUU	LVUU	Overnight Unmetered	$ -	$ 0.0051														
LVUU24	LVUU24	24 hr Unmetered	$ -	$ 0.0051														
Small Business Type 6 Meters																		
BSR/BSROPCL	BSR/BSROPCL	Business Single Rate	$ 0.0411	$ 0.0085											$ 0.0056			
B2R/B2ROPCL	B2R/B2ROPCL	Business Two Rate	$ 0.0411		$ 0.0096		$ 0.0047								$ 0.0056			
M/QOPCL	M/QOPCL	Business Controlled Load only	$ -												$ 0.0056			
Small Business Interval Meters (type 4, 5)																		
SBTOU	SBTOU	Small Business Time of Use	$ 0.0411		$ 0.0127	$ 0.0089	$ 0.0047											
SBTOUD	SBTOUD	Small Business Time of Use with Demand	$ 0.0411		$ 0.0102	$ 0.0071	$ 0.0038		$ -									
SBD	SBD	Small Business Actual Monthly Demand (transition)	$ 0.0411	$ 0.0071							$ -	$ -						
Large LV Business >160 MWh pa																		
Large LV Business Type 6 Meter Tariffs																		
BSRT/BSRTOPCL	BSRT/BSRTOPCL	Large LV Business Single Rate	$ 0.0411	$ 0.0102											$ 0.0056			
B2RT/B2RTOPCL	B2RT/B2RTOPCL	Large LV Business Two Rate	$ 0.0411		$ 0.0115		$ 0.0056								$ 0.0056			
Large LV Business - Interval Meter Tariffs																		
LBAD	LBADCBD	Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBMD	LBMDCBD	Large Business Monthly Peak Demand	$ -		$ 0.0066		$ 0.0041		$ -	$ -								
BD	BD	Large Business Actual Monthly Demand (transition)	$ -	$ 0.0052							$ -	$ -						
LBG	LBGCBD	LV Business Generation supply	$ -					$ -	$ -									
LBAD087		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD201		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD292		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD322		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD342		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD422		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD432		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD517		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD583		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD627		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD711		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBAD977		Large Business Annual Demand	$ -		$ 0.0066		$ 0.0041	$ -	$ -									
LBMD979		Large Business Monthly Demand	$ -		$ 0.0066		$ 0.0041		$ -	$ -								

SA Power Networks' Tariffs 2021/22 Price Schedule - Jurisdiction Obligation Scheme (JSO)			SUPPLY Supply Rate $/day	ENERGY BASED USAGE Single and ToU consumption $/kWh				ANNUAL kVA DEMAND Actual/Agreed Annual $/kVA/day		MONTHLY kVA DEMAND Actual Monthly Demand $/kVA/day			MONTHLY kW DEMAND Actual Monthly $kW/day		ENERGY BASED USAGE CL Single and TOU consumption billed (MWh) $/kWh			
Code SA	Code CBD only	Name (Residential) Name (Business)		$/kWh Non-TOU	$/kWh Peak	$/kWh Off-Peak Shoulder	$/kWh Solar Sponge Off-Peak	$/kVA/day Peak Year	$/kVA/day Anytime Year	$/kVA/day Peak 5	$/kVA/day BD Summer 5	$/kVA/day BD Shoulder 12	$kW/day Mth Peak 5	$kW/day Anytime Year	$/kWh Non-TOU	$/kWh Peak	$/kWh Off-Peak	$/kWh Solar Sponge
Large HV Business																		
HV Business - Interval Meter Tariffs																		
HVAD	HVADCBD	HV Business Annual Demand	$ -		$ 0.0044		$ 0.0028	$ -	$ -									
HVMD	HVMDCBD	HV Business Monthly Peak Demand	$ -		$ 0.0044		$ 0.0028		$ -	$ -								
HBD	HBD	HV Business Actual Monthly Demand (transition)	$ -	$ 0.0036							$ -	$ -						
HVAD500	HVAD500CBD	HV Business Annual Demand <500kVA	$ -		$ 0.0044		$ 0.0028	$ -	$ -									
HVBG	HVBGCBD	HV Business Generation supply	$ -					$ -	$ -									
HVAD078		HV Business Annual Demand	$ -		$ 0.0044		$ 0.0028	$ -	$ -									
HVAD265		HV Business Annual Demand	$ -		$ 0.0044		$ 0.0028	$ -	$ -									
HVAD381		HV Business Annual Demand	$ -		$ 0.0044		$ 0.0028	$ -	$ -									
Major Business																		
Major Business Zone Sub-Station																		
ZSN		Zone Substation kVA	$ -	$ 0.0009				$ -	$ -									
ZSS025		Zone Substation non-Locational	$ -	$ 0.0009				$ -	$ -									
ZSS104		Zone Substation non-Locational	$ -	$ 0.0009				$ -	$ -									
ZSS196		Zone Substation non-Locational	$ -	$ 0.0009				$ -	$ -									
ZSS296		Zone Substation non-Locational	$ -	$ 0.0009				$ -	$ -									
ZSS550		Zone Substation non-Locational	$ -	$ 0.0009				$ -	$ -									
ZSS766		Zone Substation non-Locational	$ -	$ 0.0009				$ -	$ -									
ZSS951		Zone Substation non-Locational	$ -	$ 0.0009				$ -	$ -									
Major Business Zone Sub-Station Locational TUoS																		
ZSN021		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
ZSN024		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
ZSN035		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
	ZSN228	Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
ZSN272		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
ZSN273		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
ZSN307		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
ZSN438		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
ZSN608		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
ZSN767		Zone Substation kVA Locational	$ -	$ 0.0009				$ -	$ -									
Major Business Sub Transmission																		
STN		Sub transmission kVA	$ -	$ 0.0009				$ -	$ -									
STR148		Sub Transmission non-Locational	$ -	$ 0.0009				$ -	$ -									
STR610		Sub Transmission non-Locational	$ -	$ 0.0009				$ -	$ -									
STR749		Sub Transmission non-Locational	$ -	$ 0.0009				$ -	$ -									
Major Business Sub Transmission Locational																		
STN018		Sub transmission kVA Locational	$ -	$ 0.0009				$ -	$ -									
STN084		Sub transmission kVA Locational	$ -	$ 0.0009				$ -	$ -									
STN161		Sub transmission kVA Locational	$ -	$ 0.0009				$ -	$ -									
STN162		Sub transmission kVA Locational	$ -	$ 0.0009				$ -	$ -									
STN378		Sub transmission kVA Locational	$ -	$ 0.0009				$ -	$ -									
STN557		Sub transmission kVA Locational	$ -	$ 0.0009				$ -	$ -									
STN609		Sub transmission kVA Locational	$ -	$ 0.0009				$ -	$ -									
STN788		Sub transmission kVA Locational	$ -	$ 0.0009				$ -	$ -									

Table 35: SCS 2021/22 Pricing and Indicative Pricing from 2022/23 to 2024/25 – Residential and Small Business

Residential and Small Business Indicative Prices 2020/21 to 2024/25, excl GST		Approved 2020/21				Proposed 2021/22				Indicative 2022/23				Indicative 2023/24				Indicative 2024/25			
		DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS
Residential Customers																					
Residential Type 6	Tariff Closed	**Opt-in**				**Tariff Closed**				**Tariff Closed**				**Tariff Closed**				**Tariff Closed**			
Customers/Supply Ch	$ pa	155.02	-	15.00	170.02	165.02	-	15.00	180.02	175.00	-	15.00	190.00	185.00	-	15.00	200.00	195.00	-	15.00	210.00
Usage	$/kWh	0.0923	0.0339	0.0116	0.1378	0.0879	0.0356	0.0111	0.1346	0.0839	0.0356	0.0115	0.1310	0.0819	0.0366	0.0115	0.1300	0.0799	0.0376	0.0115	0.1290
Residential TOU	Default Tariff, Type 4 and 5 meters - Opt-out									-	-	-		-	-	-		-	-	-	
Customers/Supply Ch	$ pa	155.02	-	15.00	170.02	165.02	-	15.00	180.02	175.00	-	15.00	190.00	185.00	-	15.00	200.00	195.00	-	15.00	210.00
Peak Usage	$/kWh	0.1154	0.0424	0.0145	0.1723	0.1100	0.0446	0.0139	0.1685	0.1049	0.0445	0.0144	0.1637	0.1024	0.0458	0.0144	0.1625	0.0999	0.0470	0.0144	0.1613
Off-Pk Usage	$/kWh	0.0462	0.0170	0.0058	0.0690	0.0440	0.0179	0.0056	0.0675	0.0420	0.0178	0.0057	0.0655	0.0410	0.0183	0.0057	0.0650	0.0400	0.0188	0.0057	0.0645
Solar Sponge Usage	$/kWh	0.0231	0.0085	0.0029	0.0345	0.0220	0.0089	0.0028	0.0337	0.0210	0.0089	0.0029	0.0327	0.0205	0.0092	0.0029	0.0325	0.0200	0.0094	0.0029	0.0323
Residential Prosumer	Opt-in Tariff, Type 4 meters									-	-	-		-	-	-		-	-	-	
Customers/Supply Ch	$ pa	155.02	-	15.00	170.02	165.02	-	15.00	180.02	175.00	-	15.00	190.00	185.00	-	15.00	200.00	195.00	-	15.00	210.00
Peak Usage	$/kWh	0.0692	0.0254	0.0087	0.1033	0.0659	0.0267	0.0083	0.1009	0.0629	0.0267	0.0086	0.0982	0.0615	0.0275	0.0086	0.0975	0.0599	0.0282	0.0086	0.0968
Off-Pk Usage	$/kWh	0.0277	0.0102	0.0035	0.0414	0.0264	0.0107	0.0033	0.0404	0.0252	0.0107	0.0034	0.0393	0.0246	0.0110	0.0034	0.0390	0.0240	0.0113	0.0034	0.0387
Solar Sponge Usage	$/kWh	0.0138	0.0051	0.0017	0.0206	0.0131	0.0054	0.0016	0.0201	0.0126	0.0053	0.0017	0.0196	0.0123	0.0055	0.0017	0.0195	0.0120	0.0056	0.0017	0.0194
Summer Demand	1 $/kW/mth	15.50	5.70	1.94	23.14	14.77	5.99	1.85	22.61	14.10	5.98	1.92	22.00	13.76	6.14	1.92	21.82	13.42	6.32	1.92	21.66
OPCL Hot Water Type 5, 6	Tariff Closed									-	-	-		-	-	-		-	-	-	
Usage	$/kWh	0.0462	0.0170	0.0058	0.0690	0.0440	0.0179	0.0056	0.0675	0.0420	0.0178	0.0057	0.0655	0.0410	0.0183	0.0057	0.0650	0.0400	0.0188	0.0057	0.0645
OPCL Hot Water Type 4	Default Tariff, Type 4 meters OPCL									-	-	-		-	-	-		-	-	-	
Peak Usage	$/kWh	0.1154	0.0424	0.0145	0.1723	0.1100	0.0446	0.0139	0.1685	0.1049	0.0445	0.0144	0.1637	0.1024	0.0458	0.0144	0.1625	0.0999	0.0470	0.0144	0.1613
Off-Pk Usage	$/kWh	0.0462	0.0170	0.0058	0.0690	0.0440	0.0179	0.0056	0.0675	0.0420	0.0178	0.0057	0.0655	0.0410	0.0183	0.0057	0.0650	0.0400	0.0188	0.0057	0.0645
Solar Sponge Usage	$/kWh	0.0231	0.0085	0.0029	0.0345	0.0220	0.0089	0.0028	0.0337	0.0210	0.0089	0.0029	0.0327	0.0205	0.0092	0.0029	0.0325	0.0200	0.0094	0.0029	0.0323
Small Business Customers																					
Business Single Type 6	Tariff Closed	**Opt-in**				**Tariff Closed**				**Tariff Closed**				**Tariff Closed**				**Tariff Closed**			
Customers/Supply Ch	$ pa	169.98	-	15.00	184.98	189.98	-	15.00	204.98	210.00	-	15.00	225.00	230.00	-	15.00	245.00	250.00	-	15.00	265.00
Usage	$/kWh	0.1045	0.0372	0.0084	0.1501	0.1016	0.0400	0.0085	0.1501	0.0990	0.0397	0.0088	0.1475	0.1010	0.0417	0.0090	0.1517	0.1023	0.0438	0.0092	0.1552
Business 2-Rate Type 6	Tariff Closed	**Opt-in**				**Tariff Closed**				**Tariff Closed**				**Tariff Closed**				**Tariff Closed**			
Customers/Supply Ch	$ pa	169.98	-	15.00	184.98	189.98	-	15.00	204.98	210.00	-	15.00	225.00	230.00	-	15.00	245.00	250.00	-	15.00	265.00
Peak usage	$/kWh	0.1178	0.0420	0.0095	0.1693	0.1146	0.0451	0.0096	0.1693	0.1116	0.0448	0.0099	0.1663	0.1139	0.0470	0.0101	0.1710	0.1153	0.0493	0.0104	0.1750
Off-Pk Usage	$/kWh	0.0589	0.0210	0.0047	0.0846	0.0573	0.0226	0.0047	0.0846	0.0558	0.0224	0.0049	0.0831	0.0569	0.0235	0.0051	0.0855	0.0576	0.0247	0.0052	0.0875
Business TOU Type 4, 5	Default Tariff <120 kVA demand (incl all Whole Current meters), Type 4 and 5 meters																				
Customers/Supply Ch	$ pa	169.98	-	15.00	184.98	189.98	-	15.00	204.98	210.00	-	15.00	225.00	230.00	-	15.00	245.00	250.00	-	15.00	265.00
Peak usage	$/kWh	0.1568	0.0559	0.0126	0.2253	0.1525	0.0600	0.0127	0.2252	0.1486	0.0596	0.0132	0.2213	0.1515	0.0625	0.0135	0.2275	0.1534	0.0656	0.0138	0.2329
Shoulder Usage	$/kWh	0.1091	0.0389	0.0088	0.1568	0.1061	0.0418	0.0089	0.1568	0.1034	0.0415	0.0092	0.1540	0.1055	0.0435	0.0094	0.1584	0.1068	0.0457	0.0096	0.1621
Off-Peak Usage	$/kWh	0.0589	0.0210	0.0047	0.0846	0.0573	0.0226	0.0047	0.0846	0.0558	0.0224	0.0049	0.0831	0.0569	0.0235	0.0051	0.0855	0.0576	0.0247	0.0052	0.0875
Business TOU+MD >120 kVA	Default Tariff >120 kVA demand, type 4 and 5 meters, Opt-in <120 kVA																				
Customers/Supply Ch	$ pa	169.98	-	15.00	184.98	189.98	-	15.00	204.98	210.00	-	15.00	225.00	230.00	-	15.00	245.00	250.00	-	15.00	265.00
Anytime Max Demand	3 $/kVA pa	29.71	-	-	29.71	28.91	-	-	28.91	28.10	-	-	28.10	28.70	-	-	28.70	29.10	-	-	29.10
Peak usage	$/kWh	0.1255	0.0447	0.0101	0.1803	0.1220	0.0480	0.0102	0.1802	0.1189	0.0477	0.0105	0.1771	0.1212	0.0500	0.0108	0.1820	0.1227	0.0525	0.0110	0.1863
Shoulder Usage	$/kWh	0.0873	0.0311	0.0070	0.1254	0.0849	0.0334	0.0071	0.1254	0.0827	0.0332	0.0073	0.1232	0.0844	0.0348	0.0075	0.1267	0.0854	0.0366	0.0077	0.1297
Off-Peak Usage	$/kWh	0.0471	0.0168	0.0038	0.0677	0.0458	0.0180	0.0038	0.0676	0.0447	0.0179	0.0040	0.0665	0.0455	0.0188	0.0040	0.0684	0.0461	0.0197	0.0041	0.0700
Small Business Actual Demand	Tariff Closed																				
Customers/Supply Ch	$ pa	999.99	-	15.00	1,014.99	1,999.98	-	15.00	2,014.98	3,000.00	-	15.00	3,015.00	4,000.00	-	15.00	4,015.00	5,000.00	-	15.00	5,015.00
Peak Actual Demand	1 $/kVA/mth	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97
Shoulder Actual Demand	2 $/kVA/mth	4.66	1.30	-	5.96	4.66	1.30	-	5.96	4.66	1.31	-	5.96	4.66	1.31	-	5.96	4.66	1.31	-	5.96
Usage	$/kWh	0.0515	0.0203	0.0071	0.0789	0.0587	0.0231	0.0071	0.0889	0.0659	0.0259	0.0071	0.0989	0.0731	0.0287	0.0071	0.1089	0.0803	0.0315	0.0071	0.1189
Small Business OPCL Type 5, 6	Tariff Closed. Not available with type 4 meters																				
Usage	$/kWh	0.0462	0.0170	0.0058	0.0690	0.0440	0.0179	0.0056	0.0675	0.0420	0.0178	0.0088	0.0685	0.0410	0.0183	0.0090	0.0683	0.0400	0.0188	0.0092	0.0680
Business Unmetered Supply	Default Tariff Type 7 meters																				
Usage	$/kWh	0.0680	0.0252	0.0052	0.0984	0.0664	0.0275	0.0051	0.0990	0.0648	0.0273	0.0057	0.0978	0.0661	0.0286	0.0059	0.1006	0.0669	0.0301	0.0060	0.1030

Notes on Demand Elements

1 highest daily demand each of five months Nov-March charged per month
2 highest daily demand each of twelve months July-June charged per month
3 12 month rolling reset charged proportionally each month
4 agreed demand charged proportionally each month
5 Peak demand not applicable to backup, incurred by principal supply

Table 36: SCS 2021/22 Pricing and Indicative Pricing from 2022/23 to 2024/25 – Large LV Business

Large LV Business Indicative Prices 2020/21 and 2024/25, excl GST		Approved 2020/21				Proposed 2021/22				Indicative 2022/23				Indicative 2023/24				Indicative 2024/25			
		DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS
Large LV Business Customers																					
Large Bus Annual Demand	Default Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs																				
Customers/Supply Ch	$ pa	2,500	-	-	2,500	2,480	-	-	2,480	2,385	-	-	2,385	2,444	-	-	2,444	2,501	-	-	2,501
Peak Annual Max Demand	3 $/kVA	52.93	39.53	-	92.45	52.49	42.38	-	94.86	50.50	42.50	-	93.00	51.70	44.50	-	96.20	52.90	46.50	-	99.40
Anytime Actual Demand	3 $/kVA	37.81	-	-	37.81	37.52	-	-	37.52	36.00	-	-	36.00	36.90	-	-	36.90	37.80	-	-	37.80
Peak Usage	$/kWh	0.0421	0.0176	0.0065	0.0662	0.0418	0.0189	0.0066	0.0673	0.0401	0.0189	0.0067	0.0658	0.0411	0.0198	0.0069	0.0678	0.0421	0.0207	0.0070	0.0698
Off-Peak Usage	$/kWh	0.0263	0.0110	0.0041	0.0414	0.0261	0.0118	0.0041	0.0420	0.0251	0.0118	0.0042	0.0411	0.0257	0.0124	0.0043	0.0424	0.0263	0.0130	0.0044	0.0436
Large Bus Monthly Demand	Opt-In Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs																				
Customers/Supply Ch	$ pa	2,500	-	-	2,500	2,480	-	-	2,480	2,385	-	-	2,385	2,444	-	-	2,444	2,501	-	-	2,501
Peak Actual Monthly Demand	1 $/kVA/mth	15.88	11.86	-	27.73	15.75	12.71	-	28.46	15.15	12.75	-	27.90	15.51	13.35	-	28.86	15.87	13.95	-	29.82
Anytime Actual Demand	3 $/kVA pa	37.81	-	-	37.81	37.52	-	-	37.52	36.00	-	-	36.00	36.90	-	-	36.90	37.80	-	-	37.80
Peak Usage	$/kVA pa	0.0421	0.0176	0.0065	0.0662	0.0418	0.0189	0.0066	0.0673	0.0401	0.0189	0.0067	0.0658	0.0411	0.0198	0.0069	0.0678	0.0421	0.0207	0.0070	0.0698
Off-Peak Usage	$/kWh	0.0263	0.0110	0.0041	0.0414	0.0261	0.0118	0.0041	0.0420	0.0251	0.0118	0.0042	0.0411	0.0257	0.0124	0.0043	0.0424	0.0263	0.0130	0.0044	0.0436
Large LV Bus Actual Demand	Tariff Closed																				
Customers/Supply Ch	$ pa	1,000	-	-	1,000	2,000	-	-	2,000	3,000.00	-	-	3,000.00	4,000.00	-	-	4,000.00	5,000.00	-	-	5,000.00
Peak Actual Demand	1 $/kVA/mth pa	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97
Shoulder Actual Demand	2 $/kVA/mth pa	4.66	1.30	-	5.96	4.66	1.30	-	5.96	4.66	1.31	-	5.96	4.66	1.31	-	5.96	4.66	1.31	-	5.96
Usage	$/kWh	0.0515	0.0203	0.0052	0.0770	0.0587	0.0231	0.0052	0.0870	0.0659	0.0259	0.0052	0.0970	0.0731	0.0287	0.0052	0.1070	0.0803	0.0315	0.0052	0.1170
Large Bus Trans Type 6 Single	Tariff Closed																				
Customers/Supply Ch	$ pa	169.98	-	15.00	184.98	189.98	-	15.00	204.98	210.00	-	-	210.00	230.00	-	-	230.00	250.00	-	-	250.00
Usage	$/kWh	0.1255	0.0447	0.0101	0.1803	0.1219	0.0480	0.0102	0.1801	0.1189	0.0477	0.0059	0.1724	0.1212	0.0500	0.0060	0.1773	0.1227	0.0525	0.0061	0.1814
Large Bus Trans Type 6 2-rate	Tariff Closed																				
Customers/Supply Ch	$ pa	169.98	-	15.00	184.98	189.98	-	15.00	204.98	210.00	-	-	210.00	230.00	-	-	230.00	250.00	-	-	250.00
Peak usage	$/kWh	0.1414	0.0504	0.0114	0.2032	0.1375	0.0541	0.0115	0.2031	0.1340	0.0537	0.0067	0.1944	0.1366	0.0564	0.0069	0.1999	0.1383	0.0592	0.0070	0.2045
Off-Pk Usage	$/kWh	0.0707	0.0252	0.0057	0.1016	0.0688	0.0271	0.0056	0.1015	0.0670	0.0269	0.0042	0.0980	0.0683	0.0282	0.0043	0.1008	0.0692	0.0296	0.0044	0.1031
Large Bus Generation Supplies	Special Tariff																				
Customers/Supply Ch	$ pa	2,500	-	-	2,500	2,480	-	-	2,480	2,385	-	-	2,385	2,444	-	-	2,444	2,501	-	-	2,501
Peak Annual Max Demand	4 $/kVA pa	52.93	39.53	-	92.45	52.49	42.38	-	94.86	50.50	42.50	-	93.00	51.70	44.50	-	96.20	52.90	46.50	-	99.40
Anytime Actual Demand	4 $/kVA pa	37.81	-	-	37.81	37.52	-	-	37.52	36.00	-	-	36.00	36.90	-	-	36.90	37.80	-	-	37.80
Peak Usage	$/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-Peak Usage	$/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes on Demand Elements

1 highest daily demand each of five months Nov-March charged per month
2 highest daily demand each of twelve months July-June charged per month
3 12 month rolling reset charged proportionally each month
4 agreed demand charged proportionally each month
5 Peak demand not applicable to backup, incurred by principal supply

Table 37: SCS 2021/22 Pricing and Indicative Pricing from 2022/23 to 2024/25 – HV and Major Business

HV and Major Business Indicative Prices 2020/21 and 2024/25, excl GST		Approved 2020/21				Proposed 2021/22				Indicative 2022/23				Indicative 2023/24				Indicative 2024/25			
		DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS	DUoS	TUoS	PV FiT	NUoS
HV Business Customers																					
HV Business Annual Demand	Default Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs																				
Customers/Supply Ch	$ pa	15,000	-	-	15,000	14,586	-	-	14,586	13,263	-	-	13,263	13,553	-	-	13,553	13,851	-	-	13,851
Peak Annual Max Demand	3 $/kVA	38.87	39.53	-	78.40	37.81	42.41	-	80.23	34.40	40.50	-	74.90	35.20	42.40	-	77.60	36.00	44.40	-	80.40
Anytime Actual Demand	3 $/kVA	37.81	-	-	37.81	36.76	-	-	36.76	33.40	-	-	33.40	34.10	-	-	34.10	34.90	-	-	34.90
Peak Usage	$/kWh	0.0239	0.0131	0.0044	0.0414	0.0232	0.0141	0.0044	0.0417	0.0212	0.0134	0.0044	0.0391	0.0217	0.0141	0.0045	0.0403	0.0222	0.0147	0.0046	0.0415
Off-Peak Usage	$/kWh	0.0149	0.0082	0.0028	0.0259	0.0145	0.0088	0.0028	0.0261	0.0133	0.0084	0.0028	0.0244	0.0136	0.0088	0.0028	0.0252	0.0139	0.0092	0.0029	0.0259
HV Business Monthly Demand	Opt-In Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs																				
Customers/Supply Ch	$ pa	15,000	-	-	15,000	14,586	-	-	14,586	13,263	-	-	13,263	13,553	-	-	13,553	13,851	-	-	13,851
Peak Actual Monthly Demand	1 $/kVA/mth	11.66	11.86	-	23.52	11.34	12.72	-	24.06	10.32	12.15	-	22.47	10.56	12.72	-	23.28	10.80	13.32	-	24.12
Anytime Actual Demand	3 $/kVA pa	37.81	-	-	37.81	36.76	-	-	36.76	33.40	-	-	33.40	34.10	-	-	34.10	34.90	-	-	34.90
Peak Usage	$/kVA pa	0.0239	0.0131	0.0044	0.0414	0.0232	0.0141	0.0044	0.0417	0.0212	0.0134	0.0044	0.0391	0.0217	0.0141	0.0045	0.0403	0.0222	0.0147	0.0046	0.0415
Off-Peak Usage	$/kWh	0.0149	0.0082	0.0028	0.0259	0.0145	0.0088	0.0028	0.0261	0.0133	0.0084	0.0028	0.0244	0.0136	0.0088	0.0028	0.0252	0.0139	0.0092	0.0029	0.0259
HV Business Annual <500	Opt-In Tariff, Same prices apply to CBD and Rest of SA, Peak demand period differs																				
Customers/Supply Ch	$ pa	2,500	-	-	2,500	2,480	-	-	2,480	2,385	-	-	2,385	2,444	-	-	2,444	2,501	-	-	2,501
Peak Annual Max Demand	1 $/kVA pa	52.93	39.53	-	92.45	52.49	42.38	-	94.86	50.50	63.75	-	114.25	51.70	66.75	-	118.45	52.90	69.75	-	122.65
Anytime Actual Demand	3 $/kVA pa	37.81	-	-	37.81	37.52	-	-	37.52	36.00	-	-	36.00	36.90	-	-	36.90	37.80	-	-	37.80
Peak Usage	$/kWh	0.0421	0.0176	0.0044	0.0641	0.0418	0.0189	0.0044	0.0651	0.0401	0.0189	0.0044	0.0635	0.0411	0.0198	0.0045	0.0655	0.0421	0.0207	0.0046	0.0674
Off-Peak Usage	$/kWh	0.0263	0.0110	0.0028	0.0401	0.0261	0.0118	0.0028	0.0407	0.0251	0.0118	0.0028	0.0397	0.0257	0.0124	0.0028	0.0409	0.0263	0.0130	0.0029	0.0421
HV Business Actual Demand	Tariff Closed																				
Customers/Supply Ch	$ pa	1,000	-	-	1,000	2,000	-	-	2,000	3,000.00	-	-	3,000.00	4,000.00	-	-	4,000.00	5,000.00	-	-	5,000.00
Peak Actual Demand	1 $/kVA/mth pa	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97	9.34	2.62	-	11.97
Shoulder Actual Demand	2 $/kVA/mth pa	4.66	1.30	-	5.96	4.66	1.30	-	5.96	4.66	1.31	-	5.96	4.66	1.31	-	5.96	4.66	1.31	-	5.96
Usage	$/kWh	0.0515	0.0203	0.0036	0.0754	0.0587	0.0231	0.0036	0.0854	0.0659	0.0259	0.0036	0.0954	0.0731	0.0287	0.0036	0.1054	0.0803	0.0315	0.0036	0.1154
HV Bus Generation Supplies	Special Tariff																				
Customers/Supply Ch	$ pa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peak Annual Max Demand	4 $/kVA pa	38.87	39.53	-	78.40	37.81	42.41	-	80.23	34.40	40.50	-	74.90	35.20	42.40	-	77.60	36.00	44.40	-	80.40
Anytime Actual Demand	4 $/kVA pa	37.81	-	-	37.81	36.76	-	-	36.76	33.40	-	-	33.40	34.10	-	-	34.10	34.90	-	-	34.90
Peak Usage	$/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-Peak Usage	$/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Major Business Customers																					
Zone S-Stn Non-Loc	Tariff amended for individual Customers, eg TUoS and some DUoS fixed charges																				
Customers/Supply Ch	$ pa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peak Agreed Demand	4 $/kVA pa	15.11	39.53	-	54.64	14.86	42.41	-	57.27	14.20	40.50	-	54.70	14.20	42.40	-	56.60	14.20	44.40	-	58.60
Anytime Agreed Demand	4 $/kVA pa	27.01	-	-	27.01	26.54	-	-	26.54	25.40	-	-	25.40	25.50	-	-	25.50	25.60	-	-	25.60
Usage	$/kWh	0.0044	0.0082	0.0009	0.0135	0.0043	0.0088	0.0009	0.0140	0.0041	0.0109	0.0008	0.0159	0.0041	0.0114	0.0008	0.0164	0.0041	0.0120	0.0008	0.0169
Sub-Trans Non-Loc	Tariff amended for individual Customers, eg TUoS and some DUoS fixed charges																				
Customers/Supply Ch	$ pa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peak Agreed Demand	4 $/kVA pa	-	39.53	-	39.53	-	42.41	-	42.41	-	40.50	-	40.50	-	42.40	-	42.40	-	44.40	-	44.40
Anytime Agreed Demand	4 $/kVA pa	15.11	-	-	15.11	14.86	-	-	14.86	14.20	-	-	14.20	14.20	-	-	14.20	14.20	-	-	14.20
Usage	$/kWh	0.0016	0.0082	0.0009	0.0107	0.0016	0.0088	0.0009	0.0113	0.0015	0.0109	0.0008	0.0132	0.0015	0.0114	0.0008	0.0138	0.0015	0.0120	0.0008	0.0143

Notes on Demand Elements

1 highest daily demand each of five months Nov-March charged per month
2 highest daily demand each of twelve months July-June charged per month
3 12 month rolling reset charged proportionally each month
4 agreed demand charged proportionally each month
5 Peak demand not applicable to backup, incurred by principal supply

Appendix C: Pricing Schedules – Alternative Control Services

A Ancillary Network Services Price Schedule

The proposed prices for Ancillary Network Services for 2021/22 and indicative price for 2022/23 to 2024/25 are provided in Table 38. All prices listed are exclusive of GST.

Table 38 – Prices for Ancillary Network Services ($nominal)

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
Network Ancillary Services – customer and third-party initiated services related to common distribution services									
Access permits, oversight and facilitation	Standard Charge Network Access Permit (8am - 3pm)	Organisation of switching requirements and field work to allow 3rd party access to de-energised assets or to work in close proximity of SA Power Networks assets, where work is completed between 8am and 3pm. This fee includes the administration associated with arranging the permit, and field work to issue the permit and relinquish the permit once work is completed.	ACS450	NDS450	$1,123.61	$1,143.08	$1,179.30	$1,216.97	$1,255.21
	Standard NAP Extended daytime hours (6am - 6pm) (Weekdays)	Organisation of switching requirements and field work to allow 3rd party access to de-energised assets or to work in close proximity of SA Power Networks assets, where the issuing of the permit or relinquishing of the permit is required to be completed between the hours of 6am and 6pm on weekdays.	ACS451	NDS451	$2,042.74	$2,078.12	$2,143.98	$2,212.45	$2,281.98

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	Emergency NAP / Weekends / Night shift	Organisation of switching requirements and field work to allow 3rd party access to de-energised assets or to work in close proximity of SA Power Networks assets, where the issuing of the permit or relinquishing of the permit is required to be completed outside of business hours or in an emergency.	ACS452	NDS452	$2,875.93	$2,925.75	$3,018.47	$3,114.87	$3,212.76
	Network access management fee - cancellation	Cancellation of network access permit within 2 full business days of confirmed date.	ACS429	NDS429	$523.19	$532.26	$549.12	$566.66	$584.47
	Network access request - complex	Organisation of switching requirements and field work to allow 3rd party access to de-energised assets.	ACS380		Quoted	Quoted	Quoted	Quoted	Quoted
Network safety services	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.	ACS390		Quoted	Quoted	Quoted	Quoted	Quoted
	Temporary line covering (eg tiger tails)	Temporary covering of LV mains, eg to erect and remove 'Tiger Tails' on LV mains.	ACS371	NDS371	$859.30	$874.18	$901.89	$930.69	$959.94
Inspection and auditing services	Site Inspection	Site inspection to determine nature of the requested connection service < 2 hrs.	ACS398	NDS398	$349.16	$355.21	$366.46	$378.17	$390.05
	Re-inspection for compliance	Re-inspection of an asset issued with a non-compliance notice (including travel time) – up to 3 hours normal time. This fee will also apply where a certificate of compliance is required for disconnection &/or reconnection	ACS345	NDS345	$417.68	$424.92	$438.39	$452.39	$466.60
	Re-inspection for compliance > 3hrs	Re-inspection of an asset issued with a non-compliance notice – hourly rate after 3 hours normal time.	ACS346	NDS346	$139.23	$141.64	$146.13	$150.80	$155.53

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	Re-inspection for compliance – after hours	Re-inspection of an asset issued with a non-compliance notice – hourly rate after hours.	ACS347	NDS347	$277.37	$282.17	$291.12	$300.41	$309.85
	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.	ACS344		Quoted	Quoted	Quoted	Quoted	Quoted
	Specification re-compliance	Resubmission of a design which previously did not satisfy the SA Power Networks spec.	ACS343		Quoted	Quoted	Quoted	Quoted	Quoted
Security Lights	Security Lighting - HID <=400W	Annual fee for floodlight capital cost recovery and maintenance of installed security lights up to 400W (non-LED). This fee also includes removal of the light, installation costs are recovered as a quoted fee upon request.	ACS453	NDS453	$176.21	$178.25	$182.83	$187.55	$192.36
	Security Lighting - HID >400W	Annual fee for floodlight capital cost recovery and maintenance of installed security lights greater than 400W (non-LED). This fee also includes removal of the light, installation costs are recovered as a quoted fee upon request.	ACS454	NDS454	$315.44	$319.08	$327.29	$335.74	$344.35
	Security Lighting - LED <=200W	Annual fee for floodlight capital cost recovery and maintenance of installed LED security lights up to 200W. This fee also includes removal of the light, installation costs are recovered as a quoted fee upon request.	ACS455	NDS455	$221.89	$224.46	$230.23	$236.18	$242.23

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	Security Lighting - LED >200W	Annual fee for floodlight capital cost recovery and maintenance of installed LED security lights greater than 200W. This fee also includes removal of the light, installation costs are recovered as a quoted fee upon request.	ACS456	NDS456	$412.25	$417.01	$427.74	$438.78	$450.03
	Security light installation / upgrade	Customer requested installation of new security lighting or upgrade of existing security lighting	ACS412		Quoted	Quoted	Quoted	Quoted	Quoted
Customer requested provision of electricity network data & asset location services	Location of underground mains – provision of plans from office	Location of underground mains at the request of a customer – provision of plans from the office (no site visit required).	ACS373	NDS373	$139.23	$141.64	$146.13	$150.80	$155.53
	Location of underground mains at the request of a customer	Location of underground mains at the request of a customer – site visit required	ACS374		Quoted	Quoted	Quoted	Quoted	Quoted
	Asset information request	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 < 1 hours work per request.	ACS377	NDS377	$174.03	$177.05	$182.66	$188.49	$194.42
	Asset info request - Ground level transformers (site visit to open and visually see equipment)	Confirmation of available equipment in ground level transformers where the door needs to be opened by a SA Power Networks employee.	ACS379	NDS379	$349.16	$355.21	$366.46	$378.17	$390.05
	Swing & Sag Calculations up to 11kV	Project management and survey work undertaken to prepare and issue a swing and sag calculation letter for the customer – up to 11kV.	ACS419	NDS419	$2,096.03	$2,132.34	$2,199.92	$2,270.18	$2,341.52
	Swing & Sag Calculations > 11kV	Project management and survey work undertaken to prepare and issue a swing and sag calculation letter for the customer - > 11KV.	ACS428	NDS428	$2,794.35	$2,842.76	$2,932.84	$3,026.51	$3,121.63

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	Other data requests	Any other customer requested provision of electricity network information	ACS422		Quoted	Quoted	Quoted	Quoted	Quoted
Retailer Requested Metering services—activities relating to the measurement of electricity supplied to and from customers through the distribution system (excluding network meters)									
Auxiliary metering services (type 5 to 7 metering installations)	Meter test – single phase	Customer requested meter test where SA Power Networks is the Metering Coordinator (MC) and when a test is required due to high account or a subsequent incorrect functioning solar installation.	ACS356	NDS356	$126.18	$128.36	$132.43	$136.66	$140.95
	Meter test – additional single-phase meter	Testing of each additional single-phase meter in conjunction with single phase meter test.	ACS357	NDS357	$0.00	$0.00	$0.00	$0.00	$0.00
	Meter test – three-phase	Customer requested meter test where SA Power Networks is the Metering Coordinator (MC) and when a test is required due to high account or a subsequent incorrect functioning solar installation.	ACS358	NDS358	$126.18	$128.36	$132.43	$136.66	$140.95
	Meter test – additional three phase meter	Testing of each additional three-phase meter in conjunction with single phase meter test.	ACS359	NDS359	$0.00	$0.00	$0.00	$0.00	$0.00
	Priority or out of hour appointment – less than 3 hours	Provision of a priority appointment at the customer's request. Work will be undertaken out of hours or during normal hours in which case another job will be done after hours to accommodate the requested date. Charge per person.	ACS401	NDS401	$215.37	$219.10	$226.04	$233.26	$240.59
	Charge for Meter Test (where an appointment has been requested by the customer's retailer) where SAPN is MC	This charge applies when an appointment is requested for a retailer-requested meter test. Charge is the combination of ACS356 and ACS401, where ACS401 reflects only the incremental costs associated with facilitating an appointment.	ACS460		$341.54	$347.46	$358.47	$369.92	$381.55

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	Meter inspection fee	Request to complete physical inspection where SA Power Networks is the Metering Coordinator (MC) due to suspected meter tampering, equipment damage, or requested by the customer or their retailer.	ACS364	NDS364	$56.56	$57.54	$59.36	$61.26	$63.19
	Meter inspection fee – each additional meter	Request to complete physical inspection where SA Power Networks is the Metering Coordinator (MC) - each additional meter.	ACS365	NDS365	$0.00	$0.00	$0.00	$0.00	$0.00
	Meter Inspection Fee (where an appointment has been requested by the customer's retailer)	This charge applies when an appointment is requested for a retailer-requested meter inspection. Charge is the combination of ACS364 and ACS401, where ACS401 reflects only the incremental costs associated with facilitating an appointment.	ACS461		$271.93	$276.64	$285.41	$294.52	$303.78
	Special meter read visit – normal hours	A special meter reading visit occurs when a customer requests a check read or special read at premises.	ACS386	NDS386	$15.23	$15.49	$15.98	$16.49	$17.01
	Special meter read visit – after hours	A special meter reading visit occurs when a customer requests a check read or special read at premises (where after-hours visit is requested).	ACS387	NDS387	$102.25	$104.02	$107.31	$110.74	$114.22
	Special Read / Disco / Reco - Cancellation	Special meter reading, disconnection, or reconnection visit which is subsequently cancelled. This fee will be charged for all service orders cancelled prior to the work being completed.	ACS388	NDS388	$11.96	$12.17	$12.56	$12.96	$13.37
	Meter read – subsequent attempt	Subsequent attempts to read a meter after reasonable attempt has been made but has been unsuccessful due to access difficulties.	ACS389	NDS389	$15.23	$15.49	$15.98	$16.49	$17.01
	Meter reconfiguration	On-site reconfiguration of meters in response to customer requests such as changes to tariffs, two-rate meter settings, time clocks	ACS308		Quoted	Quoted	Quoted	Quoted	Quoted

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	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 NMI)	ACS304		Quoted	Quoted	Quoted	Quoted	Quoted
	Other metering services	All other metering services requested by the Retailer that are not listed above	ACS462		Quoted	Quoted	Quoted	Quoted	Quoted
Retailer requested connection services—services relating to the electrical or physical connection of a customer to the network									
Removal of Service	Permanent abolishment of LV service	Request for permanent abolishment of the LV supply provision (this does not include the removal of additional distribution assets ie poles and transformers)	ACS301	NDS301	$643.93	$655.08	$675.84	$697.43	$719.35
Temporary disconnection & reconnection services	Retailer fee - disconnection & reconnection – Disconnection at meter	Retailer requested disconnection of supply.	ACS403	NDS403	$45.68	$46.48	$47.95	$49.48	$51.03
	Retailer fee - disconnection & reconnection – reconnection at meter	Retailer requested reconnection of supply.	ACS404	NDS404	$45.68	$46.48	$47.95	$49.48	$51.03
	Retailer fee - disconnection & reconnection – reconnect meter after hours	Retailer requested reconnection of supply after hours.	ACS405	NDS405	$102.25	$104.02	$107.31	$110.74	$114.22
	Retailer fee - disconnection & reconnection O/head - truck attendance	Retailer requested disconnection and reconnection of supply where a line truck is required (eg for a pole top disconnection).	ACS430	NDS430	$910.42	$926.19	$955.54	$986.06	$1,017.05
	Re-inspection for compliance	Re-inspection of an asset issued with a non-compliance notice (including travel time) – up to 3 hours normal time. This fee will also apply where a certificate of compliance is required for disconnection &/or reconnection	ACS345	NDS345	$417.68	$424.92	$438.39	$452.39	$466.60

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	Retailer fee - Temporary isolation of customer's LV supply >100Amp	Retailer fee for disconnecting and reconnecting a customer, service >100Amp, requiring more complex solution and specialist connect mechanics	ACS432		Quoted	Quoted	Quoted	Quoted	Quoted
	Third party requested outage for purpose of replacing a meter	At the request of a retailer provide notification to affected customers and facilitate the disconnection & reconnection of customer metering installations where a retailer planned interruption cannot be conducted.	ACS457	NDS457	$351.33	$357.42	$368.75	$380.52	$392.48
Retailer Bypass Request	Retailer Initiated Alteration Bypass Fee	Bypass of metering installation following an Alteration of Service within metropolitan area	ACS458		Quoted	Quoted	Quoted	Quoted	Quoted
	Retailer Initiated Alteration Bypass Fee	Bypass of metering installation following an Alteration of Service within rural area	ACS459		Quoted	Quoted	Quoted	Quoted	Quoted
Connection services—services relating to the electrical or physical connection of a customer to the network									
Temporary supply services	Temporary supply - overhead or underground on existing pole	Provision of a temporary over to under service or overhead 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.	ACS141	BCS141	$1,195.40	$1,216.11	$1,254.65	$1,294.72	$1,335.41
	Temporary supply - Existing pit/pillar	Provision of a temporary service from an existing low voltage service pit/pillar that is located up to 25 metres from the property boundary.	ACS145	BCS145	$478.60	$486.89	$502.32	$518.36	$534.65

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	Temporary supply - New pole required	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 or 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.	ACS104		Quoted	Quoted	Quoted	Quoted	Quoted
	Temporary supply - New pit/pillar required	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.	ACS143		Quoted	Quoted	Quoted	Quoted	Quoted
Temporary disconnection & reconnection services	Temporary disconnect and reconnect - customer requested	Requests for a temporary disconnection and reconnection, requiring a line truck attendance.	ACS302	NDS302	$907.16	$922.87	$952.12	$982.53	$1,013.40
		Requests for a temporary disconnection and reconnection, requiring a single person crew attendance.	ACS330	NDS330	$290.42	$295.45	$304.81	$314.55	$324.44
		Temporary isolation of customer's LV supply >100Amp capacity	ACS303		Quoted	Quoted	Quoted	Quoted	Quoted

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
Contestable Specification fees	Connections specification fee - $0-$200k project	Work undertaken in preparing and issuing the specification including one site visit for customer extension works. Project value $0 - $200k based on contestable value of project.	ACS340	NDS340	$2,618.14	$2,663.49	$2,747.90	$2,835.66	$2,924.78
	Connections specification fee - >$200k project	Work undertaken in preparing and issuing the specification including one site visit for customer extension works. Project value greater than $200k based on contestable value of project.	ACS341	NDS341	$4,627.15	$4,707.31	$4,856.49	$5,011.59	$5,169.09
Miscellaneous customer charges	Excess kVAr incentive	The Excess kVAr incentive charge 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 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.	ACS366	NDS366	$53.30	$54.22	$55.94	$57.73	$59.54
	Priority or out of hour appointment – less than 3 hours	Provision of a priority appointment at the customer's request. Work will be undertaken out of hours or during normal hours in which case another job will be done after hours to accommodate the requested date. Charge per person.	ACS401	NDS401	$215.37	$219.10	$226.04	$233.26	$240.59
	Wasted Visit - Meter Provider Non-Attendance	Where SA Power Networks was unable to complete the scheduled connection or alteration due to the metering provider's non-attendance.	ACS395		Quoted	Quoted	Quoted	Quoted	Quoted

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	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.	ACS396		Quoted	Quoted	Quoted	Quoted	Quoted
	Late Cancellation of Connection Appointment	Where a connection appointment is cancelled with less than 2 full business days' notice prior to the connection date by the customer/their agent, retailer or metering provider.	ACS397		Quoted	Quoted	Quoted	Quoted	Quoted
	Solar installation enquiry – single phase	Customer requests SA Power Networks to attend a single-phase solar installation which is not functioning correctly, and it is determined by the SA Power Networks' personnel that the problem is a result of the customer's solar installation being incorrectly set / malfunctioning.	ACS360	NDS360	$126.18	$128.36	$132.43	$136.66	$140.95
	Solar installation enquiry – three-phase	Customer requests SA Power Networks to attend a multi-phase solar installation which is not functioning correctly, and it is determined by the SA Power Networks' personnel that the problem is a result of the customer's solar installation being incorrectly set / malfunctioning.	ACS362	NDS362	$126.18	$128.36	$132.43	$136.66	$140.95
Enhanced connection services	Alter/relocate/replace of overhead/underground service	Customer request for relocation / alteration or replacement of an existing overhead or underground service.	ACS106	BCS106	$1,322.67	$1,345.58	$1,388.22	$1,432.56	$1,477.58
	Multiphase upgrade - O/under or O/head	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.	ACS109	BCS109	$1,361.82	$1,385.42	$1,429.32	$1,474.97	$1,521.32

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
	Multiphase upgrade - existing service pit/pillar	Connection provided from an existing suitable low voltage service pit / pillar and the requested number of phases are available at the service point.	ACS110	BCS110	$555.82	$565.45	$583.37	$602.00	$620.92
	Additional service for a duplex split (existing metered strata title split into two Torrens titles, no additional load)	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.	ACS111	BCS111	$1,340.07	$1,363.28	$1,406.49	$1,451.40	$1,497.02
	Embedded generation firm offer - >30kW-200kW	Work undertaken for the network analysis, preparing and issuing an offer letter, contract and associated commissioning for the customer's embedded generation system.	ACS427	NDS427	$3,942.98	$4,011.29	$4,138.40	$4,270.57	$4,404.79
	Embedded generation services	All other embedded generation services, including for generation >200kW, miscellaneous services associated with embedded generation connections	ACS463		Quoted	Quoted	Quoted	Quoted	Quoted
	Asset relocation services	All requests for relocation of assets on the electricity distribution network, including relocation of poles, relocation or adjusting the height of pit/pillars, relocating or underground conductor or cable	ACS464		Quoted	Quoted	Quoted	Quoted	Quoted
	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.	ACS367		Quoted	Quoted	Quoted	Quoted	Quoted
	All other connections, no additional load	Includes provision of additional services where new assets are required (including new service pit / pillar, new service pole or LV mains >25m and flying services)	ACS200		Quoted	Quoted	Quoted	Quoted	Quoted

					Initial Price	Proposed Price	Indicative Prices		
Service Group	Service	Service Description	ACS Fee Code	Proposal Fee code	2020/21	2021/22	2022/23	2023/24	2024/25
Training Services	Training	Provision of training to third parties for network related access	ACS465		Quoted	Quoted	Quoted	Quoted	Quoted
Material Sales	Material Sales	Sale of approved materials or equipment	ACS466		Quoted	Quoted	Quoted	Quoted	Quoted

B Quoted Services

Common quoted services have been referenced within the Ancillary Network Services Price List in Appendix C section A; this is not intended to be an exhaustive listing of quoted services. Quoted services will be provided to customers as required to meet the ongoing need of our customers during the 2020-25 period.

We provide a range of non-standard services on a quoted basis including:

- connection application and management services (eg, connection point alterations, temporary supply, technical / engineering studies, specification fees, specification re-compliance, works / design compliance / network infrastructure connection re-appointments, and pole top disconnections / reconnections);
- enhanced connection services (large embedded generators (>200kW)); and
- standard and negotiated connection services (premises connections, excluding extensions and augmentations);
- customer initiated or triggered network asset relocations / re-arrangements;
- third party funded network alterations or other improvements;
- authorisation and approval of third-party service providers' design, work and materials;
- access permits, network isolations, oversight and facilitation of third parties;
- sale of approved materials or equipment;
- network safety services (eg high load escorts);
- attendance at a customer's premises to perform a statutory right where access is prevented;
- inspection and auditing services;
- provision of training to third parties for network related access;
- customer requested provision of electricity network data;
- auxiliary metering services (type 5 – 7 metering installations);
- meter recovery and disposal – type 5 and 6 (legacy meters);
- emergency maintenance of failed metering equipment not owned by SA Power Networks; and
- public lighting, including LED cleaning where cleaning is required prior to 10 year scheduled clean.

These services are charged on a time and materials basis using AER approved pricing inputs.

Quoted Services Formula

The following formula will apply for quoted services: *Price = Labour + Contractor Services + Materials + Margin*

Where:

Labour consists of all labour costs directly incurred in the provision of the service which may include labour on-costs, fleet on-costs, and overheads. Proposed labour rates are set out in section 0 below.

Contractor Services reflect all costs associated with the use of the external labour including overheads and any direct costs incurred. The contracted services charge applies the rates under existing contractual arrangements. Direct costs incurred are passed on to the customer.

Materials reflect the cost of materials directly incurred in the provision of the service, material on-costs and overheads.

Margin is equal to six per cent of the total costs of labour, contractor services and materials.

Quoted Service Labour Rates

The proposed labour rates for the provision of quoted services for 2021/22 and the indicative labour rates for 2022/23 to 2024/25 are contained in Table 39. All prices listed are exclusive of GST. Overtime rates will be applicable to all after hours work.

Table 39 - Labour Rate for Quoted Services ($nominal)

		Initial Labour Rate		Proposed		Indicative Labour Rates					
Labour Code	Description	2020/21		2021/22		2022/23		2023/24		2024/25	
		Ordinary Time	Overtime	Ordinary Time	Overtime	Ordinary Time	Overtime	Ordinary Time	Overtime	Ordinary Time	Overtime
Admin	Administrative Officer	$82.13	$139.63	$83.56	$142.05	$86.20	$146.55	$88.96	$151.23	$91.75	$155.98
PM	Project Manager	$164.28	$279.27	$167.12	$284.11	$172.42	$293.11	$177.93	$302.47	$183.52	$311.98
FW	Field Worker	$131.62	$223.76	$133.90	$227.64	$138.15	$234.85	$142.56	$242.35	$147.04	$249.97
Tech	Technical Specialist	$164.28	$279.27	$167.12	$284.11	$172.42	$293.11	$177.93	$302.47	$183.52	$311.98
Eng	Engineer	$153.33	$260.66	$155.98	$265.17	$160.93	$273.57	$166.07	$282.31	$171.28	$291.18
SEng	Senior Engineer	$175.23	$297.89	$178.26	$303.05	$183.91	$312.65	$189.79	$322.64	$195.75	$332.78

C Metering Services Price Schedule

Price schedule for legacy metering services – effective from 1 July 2021

SA Power Networks will charge a legacy metering service charge for all NMIs where we provide legacy metering services. Charges will be applied as a fixed daily charge on a 'per NMI' basis.

There are four different combinations of legacy metering service charges possible:

- **Existing customers using SA Power Networks' meters that were installed prior to 1 July 2015** - These customers continue to pay the capital and non-capital charges;
- **Existing customers using SA Power Networks' meters that were installed after 1 July 2015** - These customers will have incurred an upfront capital charge and will continue to pay the non-capital charge;
- **Existing customers using SA Power Networks' meters at 30 June 2015 with meters subsequently replaced by 3rd party meters** – These customers will continue to pay the capital charge and will cease paying the non-capital charge. This will apply to all metering upgrades and replacements undertaken by retailers under metering contestability arrangements post December 2017; and
- **New customers after 1 July 2015 with 3rd party meters installed** – These customers are not liable for any annual metering charges to SA Power Networks. From December 2017 (metering contestability commencement), where a new customer connects to the network the retailer will arrange metering.

The proposed prices for metering services for 2021/22 and indicative prices for 2022/23 to 2024/25 are provided in Table 40. All prices listed are exclusive of GST.

Table 40 – SA Power Networks' Annual Metering Service Charges ($nominal)

		Initial Price	Proposed		Indicative Prices		
		2020/21	2021/22		2022/23	2023/24	2024/25
		$/year	c/day	$/year	$/year	$/year	$/year
Legacy metering service charge	Non-Capital	$ 13.77	**3.804**	**$ 13.89**	$ 14.20	$ 14.52	$ 14.86
	Capital	$ 9.20	**2.542**	**$ 9.28**	$ 9.49	$ 9.70	$ 9.92
	Non-Capital and Capital	$ 22.97	**6.346**	**$ 23.16**	$ 23.69	$ 24.23	$ 24.78

D Public Lighting Price Schedule

The prices for Public Lighting Services for 2021/22 and indicative prices for 2022/23 to 2024/25 are provided in Table 41 **Error! Reference source not found.**to Table 42. All prices listed are annual charges, exclusive of GST.

Table 41 - Annual public lighting charges – LED lights

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
All Lights	Energy Only		All lights	$3.03	$3.06	$3.12	$3.20	$3.27
P Category	CLER	LED17	Sylvania StreetLED 17W	$12.28	$12.39	$12.67	$12.96	$13.25
		LED29	Sylvania StreetLED 25W	$12.42	$12.53	$12.81	$13.10	$13.40
		LED22	Sylvania StreetLED 18W	$12.82	$12.93	$13.23	$13.53	$13.83
		LED46	Advanced Edge40 D350P 46W	$12.31	$12.42	$12.70	$12.99	$13.28
		LED43	Pecan SAT-48S 44W	$12.31	$12.42	$12.70	$12.99	$13.28
		LED17 PT	Kensington 17W PT	$17.65	$17.80	$18.21	$18.62	$19.04
		LED35	Pecan NXT-24S 450 35W	$15.80	$15.94	$16.30	$16.67	$17.05
		LED39	Alt Ledway 30 D350 39W	$12.31	$12.42	$12.70	$12.99	$13.28
		LED26	Alt Ledway 20 D350 26W	$12.31	$12.42	$12.70	$12.99	$13.28
		LED20	Pecan NXT-12S 525 20W	$15.80	$15.94	$16.30	$16.67	$17.05
		LED28	Pecan NXT-24S 350 29W	$15.80	$15.94	$16.30	$16.67	$17.05
		LED23 PT	Bourke Hill 22W LED	$16.17	$16.31	$16.68	$17.05	$17.44
		LED16	StreetLED 17W Mk3 (inc. SAPNS)	$12.06	$12.16	$12.44	$12.72	$13.01
		LED24	StreetLED 24W Mk3	$12.55	$12.66	$12.95	$13.24	$13.54
		LED18 PT	B2001 PT 17W Neo	$15.02	$15.15	$15.49	$15.84	$16.20
		LED19 PT	B2001 PT 17W Shade	$16.05	$16.18	$16.55	$16.93	$17.31
		LED32 PT	B2001 PT 34W Neo	$15.19	$15.32	$15.67	$16.02	$16.39
		LED33 PT	B2001 PT 34W Shade	$16.22	$16.36	$16.73	$17.11	$17.50

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
	PLC	LED17	Sylvania StreetLED 17W	$52.86	$53.31	$54.52	$55.76	$57.03
		LED29	Sylvania StreetLED 25W	$52.99	$53.44	$54.66	$55.90	$57.17
		LED22	Sylvania StreetLED 18W	$53.37	$53.83	$55.05	$56.30	$57.58
		LED46	Advanced Edge40 D350P 46W	$52.89	$53.34	$54.55	$55.79	$57.06
		LED43	Pecan SAT-48S 44W	$52.89	$53.34	$54.55	$55.79	$57.06
		LED17 PT	Kensington 17W PT	$57.92	$58.41	$59.74	$61.10	$62.48
		LED35	Pecan NXT-24S 450 35W	$56.17	$56.66	$57.94	$59.26	$60.60
		LED39	Alt Ledway 30 D350 39W	$52.89	$53.34	$54.55	$55.79	$57.06
		LED26	Alt Ledway 20 D350 26W	$52.89	$53.34	$54.55	$55.79	$57.06
		LED20	Pecan NXT-12S 525 20W	$56.17	$56.66	$57.94	$59.26	$60.60
		LED28	Pecan NXT-24S 350 29W	$56.17	$56.66	$57.94	$59.26	$60.60
		LED23 PT	Bourke Hill 22W LED	$56.52	$57.00	$58.30	$59.62	$60.97
		LED16	StreetLED 17W Mk3 (inc. SAPNS)	$52.65	$53.10	$54.30	$55.54	$56.80
		LED24	StreetLED 24W Mk3	$53.11	$53.57	$54.79	$56.03	$57.30
		LED18 PT	B2001 PT 17W Neo	$55.43	$55.91	$57.18	$58.48	$59.81
		LED19 PT	B2001 PT 17W Shade	$56.40	$56.89	$58.18	$59.50	$60.85
		LED32 PT	B2001 PT 34W Neo	$55.60	$56.08	$57.35	$58.65	$59.98
		LED33 PT	B2001 PT 34W Shade	$56.56	$57.05	$58.35	$59.67	$61.03
	TFI	LED17	Sylvania StreetLED 17W	$66.59	$67.17	$68.69	$70.25	$71.85
		LED29	Sylvania StreetLED 25W	$67.46	$68.04	$69.59	$71.17	$72.78
		LED22	Sylvania StreetLED 18W	$69.98	$70.58	$72.18	$73.82	$75.50
		LED46	Advanced Edge40 D350P 46W	$66.78	$67.35	$68.88	$70.45	$72.04
		LED43	Pecan SAT-48S 44W	$66.78	$67.35	$68.88	$70.45	$72.04
		LED17 PT	Kensington 17W PT	$100.17	$101.03	$103.32	$105.67	$108.07
		LED35	Pecan NXT-24S 450 35W	$88.60	$89.36	$91.39	$93.46	$95.58
		LED39	Alt Ledway 30 D350 39W	$66.78	$67.35	$68.88	$70.45	$72.04
		LED26	Alt Ledway 20 D350 26W	$66.78	$67.35	$68.88	$70.45	$72.04

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
		LED20	Pecan NXT-12S 525 20W	$88.60	$89.36	$91.39	$93.46	$95.58
		LED28	Pecan NXT-24S 350 29W	$88.60	$89.36	$91.39	$93.46	$95.58
		LED23 PT	Bourke Hill 22W LED	$90.88	$91.66	$93.75	$95.87	$98.05
		LED16	StreetLED 17W Mk3 (inc. SAPNS)	$65.12	$65.68	$67.17	$68.70	$70.26
		LED24	StreetLED 24W Mk3	$70.95	$71.56	$73.19	$74.85	$76.55
		LED18 PT	B2001 PT 17W Neo	$86.11	$86.85	$88.82	$90.84	$92.90
		LED19 PT	B2001 PT 17W Shade	$92.47	$93.27	$95.38	$97.55	$99.76
		LED32 PT	B2001 PT 34W Neo	$87.06	$87.81	$89.80	$91.84	$93.93
		LED33 PT	B2001 PT 34W Shade	$93.42	$94.23	$96.37	$98.55	$100.79
	SAPN	LED17	Sylvania StreetLED 17W	$81.74	$82.44	$84.31	$86.23	$88.19
		LED29	Sylvania StreetLED 25W	$83.61	$84.33	$86.24	$88.20	$90.20
		LED22	Sylvania StreetLED 18W	$89.00	$89.77	$91.81	$93.89	$96.02
		LED46	Advanced Edge40 D350P 46W	$82.13	$82.84	$84.72	$86.64	$88.61
		LED43	Pecan SAT-48S 44W	$82.13	$82.84	$84.72	$86.64	$88.61
		LED17 PT	Kensington 17W PT	$153.74	$155.06	$158.58	$162.18	$165.86
		LED35	Pecan NXT-24S 450 35W	$128.92	$130.03	$132.99	$136.00	$139.09
		LED39	Alt Ledway 30 D350 39W	$82.13	$82.84	$84.72	$86.64	$88.61
		LED26	Alt Ledway 20 D350 26W	$82.13	$82.84	$84.72	$86.64	$88.61
		LED20	Pecan NXT-12S 525 20W	$128.92	$130.03	$132.99	$136.00	$139.09
		LED28	Pecan NXT-24S 350 29W	$128.92	$130.03	$132.99	$136.00	$139.09
		LED23 PT	Bourke Hill 22W LED	$133.83	$134.98	$138.05	$141.18	$144.39
		LED16	StreetLED 17W Mk3 (inc. SAPNS)	$78.56	$79.24	$81.04	$82.88	$84.76
		LED24	StreetLED 24W Mk3	$89.66	$90.43	$92.49	$94.58	$96.73
		LED18 PT	B2001 PT 17W Neo	$122.12	$123.17	$125.97	$128.83	$131.75
		LED19 PT	B2001 PT 17W Shade	$135.75	$136.92	$140.02	$143.20	$146.45
		LED32 PT	B2001 PT 34W Neo	$124.13	$125.20	$128.04	$130.95	$133.92
		LED33 PT	B2001 PT 34W Shade	$137.77	$138.95	$142.11	$145.33	$148.63

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
V Category	CLER	LED200	Pecan SAT-96M 200W	$14.34	$14.46	$14.79	$15.12	$15.47
		LED105	Aldridge LED 105W	$17.80	$17.96	$18.37	$18.78	$19.21
		LED198	Aldridge LED 198W	$17.80	$17.96	$18.37	$18.78	$19.21
		LED88	Alt Ledway 40 D700 88W	$14.34	$14.46	$14.79	$15.12	$15.47
		LED70	Advanced Edge40 D525P 70W	$14.34	$14.46	$14.79	$15.12	$15.47
		LED150	A1 Insights 150W	$13.68	$13.80	$14.11	$14.43	$14.76
		LED90	Advanced Edge40 D700 88W	$14.34	$14.46	$14.79	$15.12	$15.47
		LED72	Pecan SAT-48S 72W	$14.34	$14.46	$14.79	$15.12	$15.47
		LED117	Pecan NXT-72M 117W	$15.80	$15.94	$16.30	$16.67	$17.05
		LED158	Pecan NXT-72M 158W	$15.80	$15.94	$16.30	$16.67	$17.05
		LED298	Aldridge ALS216 298W	$17.80	$17.96	$18.37	$18.78	$19.21
		LED178	Pecan SAT-96M 178W	$14.34	$14.46	$14.79	$15.12	$15.47
		LED175	Sylvania RoadLED 175W	$14.70	$14.83	$15.17	$15.51	$15.86
		LED79	Pecan NXT-72M 350 78W	$15.80	$15.94	$16.30	$16.67	$17.05
		LED80	Sylvania RoadLED 80W	$13.68	$13.80	$14.11	$14.43	$14.76
		LED60	Sylvania RoadLED 60W	$13.50	$13.61	$13.92	$14.24	$14.56
		LED155 TM	Parkville 155W	$17.59	$17.74	$18.15	$18.56	$18.98
		LED81 TM	Parkville 80W	$17.59	$17.74	$18.15	$18.56	$18.98
		LED101 TM	Parkville 100W	$17.59	$17.74	$18.15	$18.56	$18.98
		LED58	RoadLED Midi 60W	$13.88	$14.00	$14.31	$14.64	$14.97
		LED78	RoadLED Midi 80W	$14.10	$14.22	$14.54	$14.87	$15.21
		LED151	RoadLED Midi 150W	$14.19	$14.31	$14.63	$14.96	$15.30
		LED180 F	Kanon 180W Flood	$15.71	$15.85	$16.21	$16.58	$16.95
		LED360 F	Kanon 2x180W Flood	$20.66	$20.84	$21.31	$21.79	$22.29
	PLC	LED200	Pecan SAT-96M 200W	$54.79	$55.27	$56.52	$57.80	$59.11
		LED105	Aldridge LED 105W	$58.06	$58.56	$59.89	$61.25	$62.64

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
		LED198	Aldridge LED 198W	$58.06	$58.56	$59.89	$61.25	$62.64
		LED88	Alt Ledway 40 D700 88W	$54.79	$55.27	$56.52	$57.80	$59.11
		LED70	Advanced Edge40 D525P 70W	$54.79	$55.27	$56.52	$57.80	$59.11
		LED150	A1 Insights 150W	$54.17	$54.64	$55.88	$57.15	$58.45
		LED90	Advanced Edge40 D700 88W	$54.79	$55.27	$56.52	$57.80	$59.11
		LED72	Pecan SAT-48S 72W	$54.79	$55.27	$56.52	$57.80	$59.11
		LED117	Pecan NXT-72M 117W	$56.17	$56.66	$57.94	$59.26	$60.60
		LED158	Pecan NXT-72M 158W	$56.17	$56.66	$57.94	$59.26	$60.60
		LED298	Aldridge ALS216 298W	$58.06	$58.56	$59.89	$61.25	$62.64
		LED178	Pecan SAT-96M 178W	$54.79	$55.27	$56.52	$57.80	$59.11
		LED175	Sylvania RoadLED 175W	$55.14	$55.61	$56.88	$58.17	$59.49
		LED79	Pecan NXT-72M 350 78W	$56.17	$56.66	$57.94	$59.26	$60.60
		LED80	Sylvania RoadLED 80W	$54.17	$54.64	$55.88	$57.15	$58.45
		LED60	Sylvania RoadLED 60W	$54.00	$54.47	$55.70	$56.97	$58.26
		LED155 TM	Parkville 155W	$57.86	$58.36	$59.68	$61.04	$62.42
		LED81 TM	Parkville 80W	$57.86	$58.36	$59.68	$61.04	$62.42
		LED101 TM	Parkville 100W	$57.86	$58.36	$59.68	$61.04	$62.42
		LED58	RoadLED Midi 60W	$54.36	$54.83	$56.07	$57.35	$58.65
		LED78	RoadLED Midi 80W	$54.57	$55.04	$56.29	$57.57	$58.87
		LED151	RoadLED Midi 150W	$54.65	$55.12	$56.37	$57.65	$58.96
		LED100	RoadLED 100W		Quoted	Quoted	Quoted	Quoted
		LED120	RoadLED 120W		Quoted	Quoted	Quoted	Quoted
		LED180 F	Kanon 180W Flood	$56.09	$56.57	$57.86	$59.17	$60.51
		LED360 F	Kanon 2x180W Flood	$60.75	$61.27	$62.66	$64.08	$65.54
	TFI	LED200	Pecan SAT-96M 200W	$82.24	$82.95	$84.83	$86.75	$88.72
		LED105	Aldridge LED 105W	$103.92	$104.81	$107.19	$109.62	$112.11

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
		LED198	Aldridge LED 198W	$103.92	$104.81	$107.19	$109.62	$112.11
		LED88	Alt Ledway 40 D700 88W	$82.24	$82.95	$84.83	$86.75	$88.72
		LED70	Advanced Edge40 D525P 70W	$82.24	$82.95	$84.83	$86.75	$88.72
		LED150	A1 Insights 150W	$78.12	$78.79	$80.58	$82.41	$84.28
		LED90	Advanced Edge40 D700 88W	$82.24	$82.95	$84.83	$86.75	$88.72
		LED72	Pecan SAT-48S 72W	$82.24	$82.95	$84.83	$86.75	$88.72
		LED117	Pecan NXT-72M 117W	$91.39	$92.17	$94.26	$96.40	$98.59
		LED158	Pecan NXT-72M 158W	$91.39	$92.17	$94.26	$96.40	$98.59
		LED298	Aldridge ALS216 298W	$103.92	$104.81	$107.19	$109.62	$112.11
		LED178	Pecan SAT-96M 178W	$82.24	$82.95	$84.83	$86.75	$88.72
		LED175	Sylvania RoadLED 175W	$84.52	$85.25	$87.19	$89.17	$91.19
		LED79	Pecan NXT-72M 350 78W	$91.39	$92.17	$94.26	$96.40	$98.59
		LED80	Sylvania RoadLED 80W	$78.12	$78.79	$80.58	$82.41	$84.28
		LED60	Sylvania RoadLED 60W	$76.98	$77.64	$79.40	$81.20	$83.05
		LED155 TM	Parkville 155W	$102.59	$103.47	$105.82	$108.23	$110.68
		LED81 TM	Parkville 80W	$102.59	$103.47	$105.82	$108.23	$110.68
		LED101 TM	Parkville 100W	$102.59	$103.47	$105.82	$108.23	$110.68
		LED58	RoadLED Midi 60W	$79.17	$79.85	$81.66	$83.52	$85.41
		LED78	RoadLED Midi 80W	$80.50	$81.19	$83.03	$84.92	$86.84
		LED151	RoadLED Midi 150W	$80.97	$81.67	$83.52	$85.42	$87.36
		LED180 F	Kanon 180W Flood	$105.11	$106.01	$108.42	$110.88	$113.39
		LED360 F	Kanon 2x180W Flood	$137.93	$139.12	$142.27	$145.50	$148.81
	SAPN	LED200	Pecan SAT-96M 200W	$113.89	$114.87	$117.48	$120.14	$122.87
		LED105	Aldridge LED 105W	$160.39	$161.77	$165.44	$169.20	$173.04
		LED198	Aldridge LED 198W	$160.39	$161.77	$165.44	$169.20	$173.04
		LED88	Alt Ledway 40 D700 88W	$113.89	$114.87	$117.48	$120.14	$122.87

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
		LED70	Advanced Edge40 D525P 70W	$113.89	$114.87	$117.48	$120.14	$122.87
		LED150	A1 Insights 150W	$105.07	$105.97	$108.38	$110.84	$113.35
		LED90	Advanced Edge40 D700 88W	$113.89	$114.87	$117.48	$120.14	$122.87
		LED72	Pecan SAT-48S 72W	$113.89	$114.87	$117.48	$120.14	$122.87
		LED117	Pecan NXT-72M 117W	$133.51	$134.66	$137.71	$140.84	$144.04
		LED158	Pecan NXT-72M 158W	$133.51	$134.66	$137.71	$140.84	$144.04
		LED298	Aldridge ALS216 298W	$160.39	$161.77	$165.44	$169.20	$173.04
		LED178	Pecan SAT-96M 178W	$113.89	$114.87	$117.48	$120.14	$122.87
		LED175	Sylvania RoadLED 175W	$118.80	$119.82	$122.54	$125.32	$128.17
		LED79	Pecan NXT-72M 350 78W	$133.51	$134.66	$137.71	$140.84	$144.04
		LED80	Sylvania RoadLED 80W	$105.07	$105.97	$108.38	$110.84	$113.35
		LED60	Sylvania RoadLED 60W	$102.61	$103.49	$105.84	$108.24	$110.70
		LED155 TM	Parkville 155W	$157.54	$158.90	$162.50	$166.19	$169.96
		LED81 TM	Parkville 80W	$157.54	$158.90	$162.50	$166.19	$169.96
		LED101 TM	Parkville 100W	$157.54	$158.90	$162.50	$166.19	$169.96
		LED58	RoadLED Midi 60W	$107.27	$108.19	$110.65	$113.16	$115.73
		LED78	RoadLED Midi 80W	$110.10	$111.05	$113.57	$116.15	$118.78
		LED151	RoadLED Midi 150W	$111.12	$112.07	$114.62	$117.22	$119.88
		LED180 F	Kanon 180W Flood	$155.34	$156.68	$160.23	$163.87	$167.59
		LED360 F	Kanon 2x180W Flood	$224.74	$226.68	$231.82	$237.08	$242.46

Table 42 - Annual Public Lighting Charges – HID Lights

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
All Lights	Energy Only		All lights	$3.03	$3.06	$3.12	$3.20	$3.27
P Category	CLER	F42	Compact Fluorescent-42	$65.08	$65.64	$67.13	$68.66	$70.22
		F14x2	Fluorescent 2x14	$65.08	$65.64	$67.13	$68.66	$70.22
		F2x8	Fluorescent 2x8	$65.08	$65.64	$67.13	$68.66	$70.22
		F32	Compact Fluorescent 32	$66.24	$66.81	$68.33	$69.88	$71.46
		PT F42	Compact Fluorescent 42 – Post Top	$66.24	$66.81	$68.33	$69.88	$71.46
		F11X2	Fluorescent 11x2	$43.91	$44.28	$45.29	$46.32	$47.37
		F20	Fluorescent 20	$43.91	$44.28	$45.29	$46.32	$47.37
		F2X20	Fluorescent 2x20	$43.91	$44.28	$45.29	$46.32	$47.37
		F2X40	Fluorescent 2x40	$43.91	$44.28	$45.29	$46.32	$47.37
		F40	Fluorescent 40	$43.91	$44.28	$45.29	$46.32	$47.37
		F40X3	Fluorescent 3x40	$43.91	$44.28	$45.29	$46.32	$47.37
		F40X4	Fluorescent 4x40	$43.91	$44.28	$45.29	$46.32	$47.37
		F8X2	Fluorescent 8x2	$43.91	$44.28	$45.29	$46.32	$47.37
		I100	Incandescent 100	$43.91	$44.28	$45.29	$46.32	$47.37
		M50	Mercury 50	$39.15	$39.49	$40.38	$41.30	$42.24
		M70	Mercury 70	$39.15	$39.49	$40.38	$41.30	$42.24
		M80	Mercury 80	$39.15	$39.49	$40.38	$41.30	$42.24
		PT M50	Mercury 50 – Post top	$45.85	$46.24	$47.29	$48.36	$49.46
		PT M80	Mercury 80 – Post top	$45.85	$46.24	$47.29	$48.36	$49.46
		S50	High pressure sodium 50	$62.51	$63.05	$64.48	$65.94	$67.44
		L18	Sodium 18 LP	$28.31	$28.55	$29.20	$29.86	$30.54
		L26	Sodium 26 LP	$28.31	$28.55	$29.20	$29.86	$30.54
		PT L18	Sodium 18 LP – Post top	$28.31	$28.55	$29.20	$29.86	$30.54
		MH100	Metal Halide 100	$46.56	$46.96	$48.03	$49.12	$50.23

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
		MH125	Metal Halide 125	$46.56	$46.96	$48.03	$49.12	$50.23
		MH150	Metal Halide 150	$46.56	$46.96	$48.03	$49.12	$50.23
		MH250	Metal Halide 250	$46.56	$46.96	$48.03	$49.12	$50.23
		MH400	Metal Halide 400	$46.56	$46.96	$48.03	$49.12	$50.23
		MH50	Metal Halide 50	$46.56	$46.96	$48.03	$49.12	$50.23
		MH70	Metal Halide 70	$46.56	$46.96	$48.03	$49.12	$50.23
		PT MH100	Metal Halide 100 – Post top	$46.56	$46.96	$48.03	$49.12	$50.23
		PT S70	Sodium 70 – Post top	$46.56	$46.96	$48.03	$49.12	$50.23
		S70	Sodium 70	$46.56	$46.96	$48.03	$49.12	$50.23
		PT S50	Sodium 50 – Post top	$51.92	$52.37	$53.56	$54.77	$56.01
	PLC	F32	Compact Fluorescent 32	$111.72	$112.68	$115.24	$117.85	$120.53
		PT F42	Compact Fluorescent 42 – Post Top	$111.72	$112.68	$115.24	$117.85	$120.53
	TFI	F32	Compact Fluorescent 32	$133.72	$134.87	$137.93	$141.06	$144.26
		PT F42	Compact Fluorescent 42 – Post Top	$133.72	$134.87	$137.93	$141.06	$144.26
	SLUOS	F42	Compact Fluorescent-42	$95.00	$95.82	$98.00	$100.22	$102.50
		F14x2	Fluorescent 2x14	$95.00	$95.82	$98.00	$100.22	$102.50
		F2x8	Fluorescent 2x8	$95.00	$95.82	$98.00	$100.22	$102.50
		F32	Compact Fluorescent 32	$127.39	$128.49	$131.41	$134.39	$137.44
		PT F42	Compact Fluorescent 42 – Post Top	$127.39	$128.49	$131.41	$134.39	$137.44
		F11X2	Fluorescent 11x2	$98.36	$99.21	$101.46	$103.76	$106.12
		F20	Fluorescent 20	$98.36	$99.21	$101.46	$103.76	$106.12
		F2X20	Fluorescent 2x20	$98.36	$99.21	$101.46	$103.76	$106.12
		F2X40	Fluorescent 2x40	$98.36	$99.21	$101.46	$103.76	$106.12
		F40	Fluorescent 40	$98.36	$99.21	$101.46	$103.76	$106.12
		F40X3	Fluorescent 3x40	$98.36	$99.21	$101.46	$103.76	$106.12
		F40X4	Fluorescent 4x40	$98.36	$99.21	$101.46	$103.76	$106.12
		F8X2	Fluorescent 8x2	$98.36	$99.21	$101.46	$103.76	$106.12

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
		I100	Incandescent 100	$98.36	$99.21	$101.46	$103.76	$106.12
		M50	Mercury 50	$74.28	$74.92	$76.62	$78.36	$80.14
		M70	Mercury 70	$74.28	$74.92	$76.62	$78.36	$80.14
		M80	Mercury 80	$74.28	$74.92	$76.62	$78.36	$80.14
		PT M50	Mercury 50 – Post top	$70.06	$70.66	$72.27	$73.91	$75.59
		PT M80	Mercury 80 – Post top	$70.06	$70.66	$72.27	$73.91	$75.59
		S50	High pressure sodium 50	$89.57	$90.34	$92.39	$94.49	$96.64
		L18	Sodium 18 LP	$82.47	$83.18	$85.06	$86.99	$88.97
		L26	Sodium 26 LP	$82.47	$83.18	$85.06	$86.99	$88.97
		PT L18	Sodium 18 LP – Post top	$82.47	$83.18	$85.06	$86.99	$88.97
		MH100	Metal Halide 100	$95.75	$96.57	$98.76	$101.00	$103.30
		MH125	Metal Halide 125	$95.75	$96.57	$98.76	$101.00	$103.30
		MH150	Metal Halide 150	$95.75	$96.57	$98.76	$101.00	$103.30
		MH250	Metal Halide 250	$95.75	$96.57	$98.76	$101.00	$103.30
		MH400	Metal Halide 400	$95.75	$96.57	$98.76	$101.00	$103.30
		MH50	Metal Halide 50	$95.75	$96.57	$98.76	$101.00	$103.30
		MH70	Metal Halide 70	$95.75	$96.57	$98.76	$101.00	$103.30
		PT MH100	Metal Halide 100 – Post top	$95.75	$96.57	$98.76	$101.00	$103.30
		PT S70	Sodium 70 – Post top	$95.75	$96.57	$98.76	$101.00	$103.30
		S70	Sodium 70	$95.75	$96.57	$98.76	$101.00	$103.30
		PT S50	Sodium 50 – Post top	$89.51	$90.28	$92.33	$94.42	$96.57
V Category	CLER	M100	Mercury 100	$25.24	$25.46	$26.03	$26.62	$27.23
		M125	Mercury 125	$25.24	$25.46	$26.03	$26.62	$27.23
		M125X3	Mercury 125x3	$25.24	$25.46	$26.03	$26.62	$27.23
		M250	Mercury 250	$25.24	$25.46	$26.03	$26.62	$27.23
		M400	Mercury 400	$25.24	$25.46	$26.03	$26.62	$27.23
		M400X2	Mercury 400x2	$25.24	$25.46	$26.03	$26.62	$27.23

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
		PT M125	Mercury 125 – Post top	$25.24	$25.46	$26.03	$26.62	$27.23
		PT S100	Sodium 100 – Post top	$49.62	$50.04	$51.18	$52.34	$53.53
		S100	Sodium 100	$49.62	$50.04	$51.18	$52.34	$53.53
		PT S150	Sodium 150 – Post top	$42.22	$42.58	$43.55	$44.54	$45.55
		S150	Sodium 150	$42.22	$42.58	$43.55	$44.54	$45.55
		S250	Sodium 250	$48.49	$48.91	$50.02	$51.15	$52.31
		S400	Sodium 400	$48.49	$48.91	$50.02	$51.15	$52.31
		L135	Low Pressure Sodium 135	$58.48	$58.99	$60.32	$61.69	$63.09
		L55	Low Pressure Sodium 55	$58.48	$58.99	$60.32	$61.69	$63.09
		L90	Low Pressure Sodium 90	$58.48	$58.99	$60.32	$61.69	$63.09
		I1000 F	Incandescent Flood 1000	$28.05	$28.29	$28.94	$29.59	$30.27
		I150 F	Incandescent Flood 150	$28.05	$28.29	$28.94	$29.59	$30.27
		I1500 F	Incandescent Flood 1500	$28.05	$28.29	$28.94	$29.59	$30.27
		I500 F	Incandescent Flood 500	$28.05	$28.29	$28.94	$29.59	$30.27
		I750 F	Incandescent Flood 750	$28.05	$28.29	$28.94	$29.59	$30.27
		M1000 F	Mercury Flood 1000	$28.05	$28.29	$28.94	$29.59	$30.27
		M250 F	Mercury Flood 250	$28.05	$28.29	$28.94	$29.59	$30.27
		M400 F	Mercury Flood 400	$28.05	$28.29	$28.94	$29.59	$30.27
		M750 F	Mercury Flood 750	$28.05	$28.29	$28.94	$29.59	$30.27
		M80 F	Mercury Flood 80	$28.05	$28.29	$28.94	$29.59	$30.27
		S360 F	Sodium Flood 360	$28.05	$28.29	$28.94	$29.59	$30.27
		S400 F	Sodium Flood 400	$28.05	$28.29	$28.94	$29.59	$30.27
	SLUOS	M100	Mercury 100	$72.05	$72.67	$74.32	$76.01	$77.73
		M125	Mercury 125	$72.05	$72.67	$74.32	$76.01	$77.73
		M125X3	Mercury 125x3	$72.05	$72.67	$74.32	$76.01	$77.73
		M250	Mercury 250	$72.05	$72.67	$74.32	$76.01	$77.73
		M400	Mercury 400	$72.05	$72.67	$74.32	$76.01	$77.73

				Initial Price	Proposed Price	Indicative Prices		
Category	Service Description	Code	Light	2020/21 $/year	2021/22 $/year	2022/23 $/year	2023/24 $/year	2024/25 $/year
		M400X2	Mercury 400x2	$72.05	$72.67	$74.32	$76.01	$77.73
		PT M125	Mercury 125 – Post top	$72.05	$72.67	$74.32	$76.01	$77.73
		PT S100	Sodium 100 – Post top	$73.27	$73.90	$75.58	$77.29	$79.05
		S100	Sodium 100	$73.27	$73.90	$75.58	$77.29	$79.05
		PT S150	Sodium 150 – Post top	$75.24	$75.88	$77.61	$79.37	$81.17
		S150	Sodium 150	$75.24	$75.88	$77.61	$79.37	$81.17
		S250	Sodium 250	$86.46	$87.21	$89.19	$91.21	$93.28
		S400	Sodium 400	$86.46	$87.21	$89.19	$91.21	$93.28
		L135	Low Pressure Sodium 135	$92.27	$93.06	$95.17	$97.33	$99.54
		L55	Low Pressure Sodium 55	$92.27	$93.06	$95.17	$97.33	$99.54
		L90	Low Pressure Sodium 90	$92.27	$93.06	$95.17	$97.33	$99.54
		I1000 F	Incandescent Flood 1000	$60.95	$61.47	$62.87	$64.30	$65.76
		I150 F	Incandescent Flood 150	$60.95	$61.47	$62.87	$64.30	$65.76
		I1500 F	Incandescent Flood 1500	$60.95	$61.47	$62.87	$64.30	$65.76
		I500 F	Incandescent Flood 500	$60.95	$61.47	$62.87	$64.30	$65.76
		I750 F	Incandescent Flood 750	$60.95	$61.47	$62.87	$64.30	$65.76
		M1000 F	Mercury Flood 1000	$60.95	$61.47	$62.87	$64.30	$65.76
		M250 F	Mercury Flood 250	$60.95	$61.47	$62.87	$64.30	$65.76
		M400 F	Mercury Flood 400	$60.95	$61.47	$62.87	$64.30	$65.76
		M750 F	Mercury Flood 750	$60.95	$61.47	$62.87	$64.30	$65.76
		M80 F	Mercury Flood 80	$60.95	$61.47	$62.87	$64.30	$65.76
		S360 F	Sodium Flood 360	$60.95	$61.47	$62.87	$64.30	$65.76
		S400 F	Sodium Flood 400	$60.95	$61.47	$62.87	$64.30	$65.76

Appendix D: Glossary/Shortened Forms

Abbreviation	Definition or Description
AER	Australian Energy Regulator.
ACS	Alternative Control Services.
APP	Annual Pricing Proposal.
Augmentation	Investment in new network assets to meet increased demand.
Capacity	The amount of electrical power that a part of the network is able to carry.
Capital Contributed Works	Works for which the customer(s) contribute towards the cost of supplying assets, typically because they are the sole users.
COAG	Council of Australian Governments.
Contestability	Customer choice of electricity or related service supplier.
Controlled Load	The DNSP controls the hours in which the supply is made available.
Cost of Supply Model	Theoretical and algorithmic model used to calculate prices, which conform to the pricing goals.
Cross subsidy	Where the price to a tariff class falls outside the range between the avoidable incremental cost of supply and the cost of stand-alone supply, an economic cross subsidy from or to other customers is said to exist.
Decision	The Australian Energy Regulator's Final Decision on South Australia -distribution determination 2015–16 to 2019–20, October 2015
Demand	Electricity consumption at a point in time.
Demand Management	Attempt to modify customer behaviour so as to constrain customer demand at critical times.
Distribution Network	The assets and service which links energy customers to the transmission network.
Distributor, DNSP	Distribution Network Service Provider.
DUoS	Distribution Use of System. The utilisation of the distribution network in the provision of electricity to consumers (a component of NUoS).
DAPR	Distribution Annual Planning Report.
ESCoSA	Essential Services Commission of South Australia, a South Australian Regulator of energy and other infrastructure.
FiT	Feed-in Tariff paid to customers that have solar PV generators.
High Voltage	Equipment or supplies at voltages of 7.6kV or 11kV.
IBT, Inclining Block Tariff	A network tariff energy rate in which the rate increases above specific consumption thresholds.
JSO	Jurisdictional Scheme Obligation, a component of the Network Use of System charge to fund Feed-in Tariff payments to customers that have solar PV generators.
kVA, MVA	Kilo-volt amps and Mega-volt amps, units of apparent total electrical power demand. Usually the peak demand is referenced. See also PF for the relationship between power demand quantities.
kVAr, MVAr	Kilo-volt amps (reactive) and Mega-volt amps (reactive) units of instantaneous reactive electrical power demand. Usually the peak demand is referenced. See also PF for the relationship between power demand quantities.
kW, MW	Kilo-watts and Mega-watts, units of instantaneous real electrical power demand. Usually the peak demand is referenced. See also PF for the relationship between power demand quantities.

Abbreviation	Definition or Description
kWh, MWh, GWh	Kilo-watt hours, Mega-watt hours, Giga-watt hours units of electrical energy consumption.
Low Voltage	Equipment or supply at a voltage of 230V single phase or 400V, three phase.
Marginal Cost	The cost of providing a small increment of service. The Long Run Marginal Cost (LRMC) includes future investment, Short Run Marginal Cost (SRMC) considers only the costs involved without extra investment.
Market Participant	Businesses involved in the electricity industry are referred to as Market or Code Participants.
SCS	Standard Control Services.
Supply Rate	The fixed daily cost component of a Network price.
NEL	National Electricity Law.
NEM	National Electricity Market.
NER	National Electricity Rules.
NUoS	Network Use of System. The utilisation of the total electricity network in the provision of electricity to consumers (NUoS = DUoS + TUoS).
PV	Photo-Voltaic
PF	Power Factor, a measure of the ratio of real power to total power of a load. The relationship between real, reactive and apparent power is as follows: Power Factor = Real Power (kW) / Apparent Power (kVA) Apparent Power (kVA) = √ [Real Power (kW)^2 + Reactive Power (kVAr)^2]
Price Signal	Prices set to convey a desired behaviour because of the costs associated with supplying the service.
Price Structure	The components that make up a Price available to customers.
Retailer	A Full Retail Contestability market participant (business) supplying electricity to customers.
Rules	National Electricity Rules.
Sub-transmission	Equipment or supplies at voltage levels of 33kV or 66 kV.
Tariff	Network price components and conditions of supply for a tariff class.
Tariff class	A class of customers for one or more direct control services who are subject to a particular tariff or particular tariffs with similar electricity demand and usage requirements.
ToU	Time of Use, a system of pricing where energy or demand charges are higher in periods of peak utilisation of the network.
Transmission Network	The assets and service that enable generators to transmit their electrical energy to population centres. Operating voltage of equipment is 275kV and 132kV with some at 66kV.
TUoS	Transmission Use of System charges for the utilisation of the transmission network.
Unmetered supply	A connection to the distribution system which is not equipped with a meter and has estimated consumption. Connections to public lights, phone boxes, traffic lights and the like are not normally metered.

Appendix E: List of Attachments

Attachment	Title	Contents
Attachment A	SAPN_Attachment A_2021-22 Tariff Approval Model_22 April 2021	Revenue Cap and Tariff Approval Model
Attachment B	SAPN_Attachment B_I-Factor Calculation _December 2020	STPIS and Incentive Calculation
Attachment C	SAPN_Attachment C_ElectraNet 2021-22 TUoS Tariffs_March 2021	ElectraNet Transmission Pricing for 2021/22
Attachment D	SAPN_Attachment D_BDO Review Report 2019-20_March 2021	Audit Review Report on SA Power Networks' Schedules of Billing and Revenue Data for 2019/20
Attachment E	SAPN_Attachment E_ANS Price Schedule_22 April 2021	Ancillary Network Services Pricing for 2021/22 and Indicative Pricing 2022/23 to 2024/25
Attachment F	SAPN_Attachment F_Metering Price Schedule_22 April 2021	Metering Pricing for 2021/22 and Indicative Pricing 2022/23 to 2024/25
Attachment G	SAPN_Attachment G_Public Lighting Price Schedule_22 April 2021	Public lighting Pricing for 2021/22 and Indicative Pricing 2022/23 to 2024/25