ACTEWAGL DISTRIBUTION SCHEDULE OF ELECTRICITY NETWORK CHARGES 2016-17.

The following charges will apply from 1 July 2016. Accounts issued on or after this date will be charged on a pro-rata basis.

The charges contained in this schedule will be payable to ActewAGL Distribution:

- for, or in connection with, the use of the electricity network;
- for the provision of metering equipment, meter reading and data forwarding; and
- for miscellaneous services.

Also included in this schedule are the arrangements for the reimbursement to retailers under the ACT Government's *Electricity Feed-in (Renewable Energy Premium) Act 2008* as well as the treatment of energy from small photovoltaic systems that are not covered by the ACT Government's scheme.

Prices include Goods and Services Tax of 10 per cent where stated.

Use of network charges

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
010	**Residential Basic Network**		
	The Residential Basic Network charge shall be:		
	• a network access charge per day	33.285c	36.614c
	• all energy consumption	6.902c per kWh	7.592c per kWh
011	**Residential Basic Network XMC**		
	The Residential Basic Network XMC charge shall be:		
	• a network access charge per day	25.641c	28.205c
	• all energy consumption	6.902c per kWh	7.592c per kWh
015	**Residential TOU Network**		
	The Residential TOU Network charge shall be:		
	• a network access charge per day	33.285c	36.614c
	• for energy consumption at max times (as defined)	11.937c per kWh	13.131c per kWh
	• for energy consumption at mid times (as defined)	5.766c per kWh	6.343c per kWh
	• for energy consumption at economy times (as defined)	2.608c per kWh	2.869c per kWh
016	**Residential TOU Network XMC**		
	The Residential TOU Network XMC charge shall be:		
	• a network access charge per day	25.641c	28.205c
	• for energy consumption at max times (as defined)	11.937c per kWh	13.131c per kWh
	• for energy consumption at mid times (as defined)	5.766c per kWh	6.343c per kWh
	• for energy consumption at economy times (as defined)	2.608c per kWh	2.869c per kWh
020	**Residential 5000 Network**		
	The Residential 5000 Network charge shall be:		
	• a network access charge per day	54.805c	60.286c
	• energy consumption for the first 60 kWh per day (pro-rata over billing period)	5.360c per kWh	5.896c per kWh
	• energy consumption above 60 kWh per day	6.902c per kWh	7.592c per kWh
021	**Residential 5000 Network XMC**		
	The Residential 5000 Network XMC charge shall be:		
	• a network access charge per day	47.161c	51.877c
	• energy consumption for the first 60 kWh per day (pro-rata over billing period)	5.360c per kWh	5.896c per kWh
	• energy consumption above 60 kWh per day	6.902c per kWh	7.592c per kWh
030	**Residential with Heat Pump Network**		
	The Residential with Heat Pump Network charge shall be:		
	• a network access charge per day	98.149c	107.964c
	• energy consumption for the first 165 kWh per day (pro-rata over billing period)	3.888c per kWh	4.277c per kWh
	• energy consumption above 165 kWh per day	6.902c per kWh	7.592c per kWh

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
031	**Residential with Heat Pump Network XMC**		
	The Residential with Heat Pump Network XMC charge shall be:		
	• a network access charge per day	90.505c	99.556c
	• energy consumption for the first 165 kWh per day (pro-rata over billing period)	3.888c per kWh	4.277c per kWh
	• energy consumption above 165 kWh per day	6.902c per kWh	7.592c per kWh
040	**General Network**		
	The General Network charge shall be:		
	• a network access charge per day	60.408c	66.449c
	• energy consumption for the first 330 kWh per day (pro-rata over billing period)	10.729c per kWh	11.802c per kWh
	• energy consumption above 330 kWh per day	13.957c per kWh	15.353c per kWh
041	**General Network XMC**		
	The General Network XMC charge shall be:		
	• a network access charge per day	47.039c	51.743c
	• energy consumption for the first 330 kWh per day (pro-rata over billing period)	10.729c per kWh	11.802c per kWh
	• energy consumption above 330 kWh per day	13.957c per kWh	15.353c per kWh
060	**Off-Peak (1) Night Network**		
	The Off-Peak (1) Night Network charge shall be:		
	• energy consumption	1.878c per kWh	2.066c per kWh
070	**Off-Peak (3) Day & Night Network**		
	The Off-Peak (3) Day & Night Network charge shall be:		
	energy consumption	2.771c per kWh	3.048c per kWh
080	**Streetlighting Network**		
	The Streetlighting Network charge shall be:		
	• a network access charge per day per account	60.905c	66.996c
	• all energy consumption	7.319c per kWh	8.051c per kWh
081	**Streetlighting Network XMC**		
	The Streetlighting Network XMC charge shall be:		
	• a network access charge per day per account	47.536c	52.290c
	• all energy consumption	7.319c per kWh	8.051c per kWh

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
090	**General TOU Network**		
	The General TOU Network charge shall be:		
	• a network access charge per day	60.408c	66.449c
	• for energy consumption at business times (as defined)	16.962c per kWh	18.658c per kWh
	• for energy consumption at evening times (as defined)	8.323c per kWh	9.155c per kWh
	• for energy consumption at off-peak times (as defined)	3.441c per kWh	3.785c per kWh
091	**General TOU Network XMC**		
	The General TOU Network XMC charge shall be:		
	• a network access charge per day	47.039c	51.743c
	• for energy consumption at business times (as defined)	16.962c per kWh	18.658c per kWh
	• for energy consumption at evening times (as defined)	8.323c per kWh	9.155c per kWh
	• for energy consumption at off-peak times (as defined)	3.441c per kWh	3.785c per kWh
101	**LV TOU kVA Demand Network**		
	• a network access charge per connection point per day	158.962c	174.858c
	• for maximum demand in a billing period, a charge per day of	42.329c per kVA	46.562c per kVA
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.482c per kWh	3.830c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh
103	**LV TOU Capacity Network (for low voltage customers with embedded generator)**		
	• a network access charge per connection point per day	158.962c	174.858c
	• for maximum demand in a billing period, a charge per day of	19.794c per kVA	21.773c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period),	19.794c per kVA	21.773c per kVA
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.481c per kWh	3.829c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
104	**LV TOU kVA Demand Network XMC**		
	• a network access charge per connection point per day	51.059c	56.165c
	• for maximum demand in a billing period, a charge per day of	42.329c per kVA	46.562c per kVA
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.482c per kWh	3.830c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh
105	**LV TOU Capacity Network XMC (for low voltage customers with embedded generator)**		
	• a network access charge per connection point per day	51.059c	56.165c
	• for maximum demand in a billing period, a charge per day of	19.794c per kVA	21.773c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period),	19.794c per kVA	21.773c per kVA
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.481c per kWh	3.829c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh
111	**HV TOU Demand Network**		
	The HV TOU Demand Network charge for a customer with a low voltage network owned and maintained by ActewAGL shall be:		
	• a network access charge per connection point per day	$19.287	$21.216
	• for maximum demand in a billing period, a charge per day of	16.952c per kVA	18.647c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period)	16.952c per kVA	18.647c per kVA
	• for energy consumption at business times (as defined)	4.659c per kWh	5.125c per kWh
	• for energy consumption at evening times (as defined)	2.700c per kWh	2.970c per kWh
	• for energy consumption at off-peak times (as defined)	1.127c per kWh	1.240c per kWh

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
112	**HV TOU Demand Network – Customer HV**		
	The HV TOU Demand Network charge for a customer with a low voltage network owned and maintained by ActewAGL, where the customer owns and is responsible for their high voltage assets (including transformers and switch gear), shall be:		
	• a network access charge per connection point per day	$19.287	$21.216
	• for maximum demand in a billing period, a charge per day of	15.937c per kVA	17.531c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period)	15.937c per kVA	17.531c per kVA
	• for energy consumption at business times (as defined)	4.659c per kWh	5.125c per kWh
	• for energy consumption at evening times (as defined)	2.700c per kWh	2.970c per kWh
	• for energy consumption at off-peak times (as defined)	1.127c per kWh	1.240c per kWh
121	**HV TOU Demand Network – Customer LV**		
	The HV TOU Demand Network charge for a customer that owns and is responsible for their own low voltage network shall be:		
	• a network access charge per connection point per day	$19.287	$21.216
	• for maximum demand in a billing period, a charge per day of	16.952c per kVA	18.647c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period)	16.952c per kVA	18.647c per kVA
	• for energy consumption at business times (as defined)	4.253c per kWh	4.678c per kWh
	• for energy consumption at evening times (as defined)	2.346c per kWh	2.581c per kWh
	• for energy consumption at off-peak times (as defined)	0.984c per kWh	1.082c per kWh
122	**HV TOU Demand Network – Customer HV and LV**		
	The HV TOU Demand Network charge for a customer that owns and is responsible for their own low voltage network, where the customer owns and is responsible for their high voltage assets (including transformers and switch gear), shall be:		
	• a network access charge per connection point per day	$19.287	$21.216
	• for maximum demand in a billing period, a charge per day of	15.937c per kVA	17.531c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period)	15.937c per kVA	17.531c per kVA
	• for energy consumption at business times (as defined)	4.253c per kWh	4.678c per kWh
	• for energy consumption at evening times (as defined)	2.345c per kWh	2.580c per kWh
	• for energy consumption at off-peak times (as defined)	0.984c per kWh	1.082c per kWh

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
135	**Small Unmetered Loads Network**		
	The Small Unmetered Loads Network charge shall be:		
	• a network access charge per NMI per day	38.269c	42.096c
	• all energy consumption	11.207c per kWh	12.328c per kWh

XMC Tariffs

XMC network tariffs exclude metering capital charges. These network tariffs will be applied to new connections that have paid for their metering assets. These new tariffs ensure that ActewAGL Distribution and Retailers will be able to clearly identify, through the network billing system, which customers have paid for their meters and are therefore not liable for the metering capital charge. The application of the charges is summarised in the table below.

TYPE OF CUSTOMER	Pays ActewAGL metering capital charge	Eligible for XMC tariffs	Pays ActewAGL metering non-capital charges
Existing connection at 30 June 2015, ActewAGL provides metering service.	Yes	No	Yes
Existing connection at 30 June 2015, switches to another metering provider.	Yes	No	No
Existing connection at 30 June 2015, pays for new meter for PV system, ActewAGL provides metering service.	Yes	No	Yes
Existing connection at 30 June 2015 pays for new meter for PV system, later switches to another metering provider.	Yes	No	No
New connection (from 1 July 2015) pays for new meter, ActewAGL provides metering service.	No	Yes	Yes
New connection (from 1 July 2015) pays for new meter, switches to another metering provider.	No	Yes	No

Use of network charge

The local distributor charges for the use of the transmission and distribution networks. Both networks are natural monopolies, and therefore the local distributor must operate in a completely open and transparent way with respect to these charges.

The use of network charges are published from time to time and all retailers that operate in the jurisdiction covered by ActewAGL Distribution's network pay identical rates.

The network charges above include transmission and distribution use of system components as well as the cost of jurisdictional schemes and, in most cases, meter capital costs.

The **transmission use of system** component is paid to the operator of the transmission system. It covers the use of the network from the generator to the distributor's bulk supply point.

The **distribution use of system** component covers the use of the distributor's network from the bulk supply point to the customer's point of connection.

The **jurisdictional scheme** cost component covers the cost of the ACT feed-in tariff and ACT government taxes, fees and charges.

The **metering capital** cost component covers the capital cost of meters provided by ActewAGL Distribution to customers.

These charges are subject to independent regulation. They are determined, as far as possible, to be cost reflective. ActewAGL has established a number of different network rates.

Separate charges apply for the recovery of metering non-capital cost including meter reading and data forwarding.

Application of rates

The network charge applicable to each installation shall be in accordance with the following classification of premises, places and purposes.

The **Residential Basic Network** charge shall be applicable to installations at private dwellings, (excluding serviced apartments), but including the following.

- living quarters for members and staff of religious orders
- living quarters on farms
- charitable homes
- retirement villages
- residential sections of nursing homes and hospitals
- residential sections of boarding schools and educational institutions
- churches, buildings or premises which are used principally for public worship
- approved caravan sites.

Serviced apartments are premises which from time to time are available for hire for accommodation for periods that may be less than one month and where services available to the apartments include the provision and laundering of bed linen.

In respect of multiple dwellings of three or more dwelling units, the Residential Basic Network charge will be applicable only where each dwelling unit is separately metered and the account is in the name of the occupant.

When a portion of premises is used principally for domestic purposes, loads not exceeding five kilowatts, which are used for purposes other than domestic use,may be supplied at the Residential Basic Network charge. For this purpose, the loading of equipment shall be taken to be:

- for permanently connected equipment, the actual rating of the equipment;
- for light fittings, 60 watts per light fitting;
- for plug sockets:
  - sockets rated 10 amperes or 10 amperes per phase: 500 watts or 500 watts per phase
  - sockets rated other than 10 amperes: the wattage rating shall be taken as 50 times the current rating of the socket.

The **Residential TOU Network charge** is available only to customers eligible for the Residential Basic Network charge with a meter able to be read as a time-of-use meter and to recharge facilities for electric vehicles on residential premises. Consumers on this tariff with a meter with two elements providing separate time-of-use consumption data from each element may have the time-of-use charges applied separately to each register.

The **Residential 5000 Network charge** is available only to customers eligible for the Residential Basic Network charge. Customers are ineligible to apply for this charge if they have been on this charge in the previous 12 months and have since been supplied energy at the Residential Basic Network charge, the Residential TOU Network charge or the Residential with Heat Pump Network charge to that premises.

The **Residential with Heat Pump Network charge** is available only to customers eligible for the Residential Basic Network charge and who have installed a fixed operational electric appliance which incorporates a mechanical refrigeration unit and a fan or fans, arranged so that the evaporator and the condenser can be switched to heat or cool air blown through the appliance (heat pump). Customers are ineligible to apply for this charge if they have been on this charge in the previous 12 months and have since been supplied energy at the Residential Basic Network charge, the Residential TOU Network charge or Residential 5000 Network charge to that premises.

The **General Network charge** is available to customers where no other defined charge, except for an off-peak network charge, is utilised, and shall include:

- installations on farms which are not living quarters and have loads exceeding five kilowatts (as defined above)
- nursing homes and hospitals, excluding residential sections
- boarding schools and educational institutions, excluding residential sections
- motels, hotels, serviced apartments and any form of accommodation used to house temporary residents for periods of less than one month at caravan parks or other temporary accommodation sites
- shops, offices, warehouses, factories, professional rooms
- social or sporting club facilities not used for domestic accommodation.

Off-peak charges are available only to customers utilising a controlled load element, taking all other energy at Residential Basic Network, Residential TOU Network or General Network rates. These charges are not available where the customer's meter is read as an interval meter.

The Off-Peak (1) Night Network charge shall provide operation for a minimum of six hours and a maximum of eight hours within any one day, between 2200 hours (10.00pm) and 0700 hours (7.00am).

This off-peak charge is applicable to

- recharging electric vehicles,
- compressing natural gas for CNG vehicles,
- water heating storage units where electricity is used to supplement other forms of energy (for example, solar hot water), and
- permanent heat (or cold) storage installations of a design and rating acceptable to ActewAGL, which absorb their major energy during restricted times, but which may be boosted at the principal charge at other times.

The **Off-Peak (3) Day & Night Network charge** shall provide operation for a total of 13 hours in any one day. The said 13 hours shall be comprised of eight hours between 2200 hours (10.00pm) and 0700 hours (7.00am) and five hours between 0900 hours (9.00am) and 1700 hours (5.00pm). The off-peak charges are applicable to permanent heat (or cold) storage installations of a design and rating acceptable to ActewAGL, which absorb their major energy during restricted times, but which may be boosted at the principal charge at other times.

The Off Peak (3) Day & Night Network charge is applicable to:

- water heating storage units for which a test certificate has been issued indicating compliance with Australian Standard 1056 and having lower or upper and lower elements but with any upper element connected to the principal charge (rated delivery shall be not less than 160 litres)
- water heating storage units where electricity is used to supplement other forms of energy (for example, solar hot water)
- storage space heating or cooling including under-floor, concrete-slab heating systems
- swimming or spa pool heating, and associated auxiliaries, but not to spa baths.

ActewAGL will nominate the time settings for Off Peak 1 & 3 charges.

The **Streetlighting Network** charge shall be applicable to the night-time lighting of streets and public ways and places.

Time of use, time of use demand network and **time of use** capacity charges. The customer must make available all necessary equipment together with adequate accommodation for the installation and proper maintenance of the installation, all to the satisfaction of ActewAGL.

The **low voltage time of use capacity** charge is to be applied to all non-residential customers with a generator, other than a stand-by generator, connected on the customer's side of the meter. This charge is available to all low voltage customers.

The **high voltage time of use demand** charges may be available to customers connected at a nominal voltage not less than 11,000 volts.

The Small Unmetered Loads Network charge shall be applicable to eligible installations less than 1,000 Watts, as determined by ActewAGL, including:

- telephone boxes
- telecommunication devices
- other as determined by the National Metrology Coordinator.

Consumption charges are calculated based on the assessed rating of the load and the charge period.

Streetlighting is excluded. Please refer to the Streetlighting Network charge above.

Internal Network charges are available only to ActewAGL Distribution sites.

Time periods

- **Business times** are defined as from 0700 hours (7.00am) to 1700 hours (5.00pm) on weekdays.
- **Evening times** are defined as from 1700 hours (5.00pm) to 2200 hours (10.00pm) on weekdays.
- **Off-Peak times** are defined as all other times.

Weekdays are Monday to Friday.

- **Max times** are defined as from 0700 hours (7.00am) to 0900 hours (9.00am) and from 1700 hours (5.00pm) to 2000 hours (8.00pm) every day.
- **Mid times** are defined as from 0900 hours (9.00am) to 1700 hours (5.00pm) and from 2000 hours (8.00pm) to 2200 hours (10.00pm) every day.
- **Economy time**s are defined as all other times.

Standard time zone

No change is made for Daylight Savings Time. All times referred to are in Australian Eastern Standard Time.

Network access charges

Network access charges shall be applied per connection point (unless otherwise specified) and applied daily. The network access charge excludes metering charges.

Maximum demand charges

Maximum demand charges shall be applied per connection point (unless otherwise specified) and calculated on the basis of a daily rate for the maximum demand in a billing period. The maximum demand is the highest demand calculated coincident over a 30-minute clocked interval during the billing period.

Capacity charges

Capacity charges shall be applied on the same basis as maximum demand charges and calculated on a daily rate for the maximum demand recorded over the previous 13 months inclusive of the current billing month. The maximum demand is the highest demand calculated coincident over a 30-minute clocked interval over the relevant period.

Loss factors

AL00	1.0508	for supply at low voltage
AH00	1.0190	for supply at high voltage

Renewable Energy Generation

If a customer has a grid-connected renewable energy generator with a net metering facility and the customer is not receiving the ACT feed-in tariff, the following arrangements shall apply to PV installations:

- The customer shall pay the published network charge for energy imported from ActewAGL Distribution's network (based upon the customer's meter reading).
- ActewAGL Distribution will pay to the customer's retailer an amount equal to ActewAGL Distribution's estimated avoided cost of Transmission Use of System (TUOS) charges on energy exported into the electricity network (based upon the customer's meter reading).
- The customer shall continue to pay the network access charge.

This arrangement is available only to customers with less than 30 kilowatts installed capacity of renewable generation with a net metering facility able to record energy imported and exported into the electricity network.

The estimated avoided cost of TUOS charges on energy exported into the electricity network is 0.5 cents per kWh.

Customers with a grid-connected renewable energy generator which was connected on or before 30 June 2013 may continue with the existing arrangements applicable to that customer.

In all other circumstances where a customer has a grid-connected renewable energy generator with an installed capacity of less than 30 kilowatts, including where the customer is receiving the ACT feed-in tariff, the following arrangements shall apply:

- The customer shall pay the published network charge for the gross amount of energy imported from ActewAGL Distribution's network.
- ActewAGL Distribution shall not charge the customer for the use of the network for the energy exported.
- The customer shall continue to pay the network access charge.

"Energy exported" means energy generated by a photovoltaic system that results in energy flowing from the customer's premises into the electricity network.

The following are the payments (negative charges) under the ActewAGL Distribution's Renewable Energy Generation arrangements together with the tariff codes applied to those payments.

These payments are made to your retailer.

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
GENR	Gross connected renewable energy generation (See explanation above)	As per applicable tariff	
1999	Net connected renewable energy generation (see explanation above)	-0.5 c per kWh	-0.55 c per kWh (when applicable)

Metering charges

Charges for metering capital costs are shown below in Codes MP 7 to MP 10 and are included in the use of network charges, where applicable. Additional charges for the provision of metering, meter reading and data forwarding also apply. ActewAGL will provide ACT metering services for customers using manually-read interval meters (MRIM or Type 5), accumulation and time-of-use meters (BASIC or Type 6) and un-metered connections (UMCP or Type 7). The non-capital charges for those services are listed below in Codes MP 1 to MP 6.

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
MP1	**Quarterly basic metering non-capital rate**		
	The quarterly basic metering non-capital rate applies to all accumulation and time-of-use meters read quarterly		
	• a metering charge per day per National Metering Identifier (NMI)	3.766c	4.143c
MP2	**Monthly basic metering non-capital rate**		
	The monthly basic metering non-capital rate applies to all accumulation meters read monthly		
	• a metering charge per day per NMI	6.588c	7.247c
MP3	**Monthly time-of-use metering non-capital rate**		
	The time-of-use metering non-capital rate applies to all time-of-use meters read manually monthly		
	• a metering charge per day per NMI	6.588c	7.247c

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
MP4	**Monthly manually-read interval metering non-capital rate**		
	This manually-read interval metering non-capital rate applies to all interval meters recording at either 15- or 30-minute intervals, read manually and processed monthly		
	• a metering charge per day per meter	53.190c	58.509c
MP6	**Quarterly manually-read interval metering non-capital rate**		
	This manually-read interval metering non-capital rate applies to all interval meters recording at either 15- or 30-minute intervals, read manually and processed quarterly.		
	• a metering charge per day per meter	15.176c	16.694c
MP7	**Quarterly basic metering capital rate**		
	The quarterly basic metering capital rate applies to basic and TOU meters read quarterly		
	• a charge per day per NMI	7.644c	8.408c
MP8	**Monthly basic metering capital rate**		
	The monthly basic metering capital rate applies to basic meters read monthly		
	• a charge per day per NMI	13.369c	14.706c
MP9	**Time-of-use metering capital rate**		
	The time-of-use metering capital rate applies to time-of-use meters are read manually monthly		
	• a charge per day per NMI	13.369c	14.706c
MP10	**Monthly manually-read interval metering capital rate**		
	The monthly manually-read interval metering capital rate applies to interval meters read manually and processed monthly		
	• a charge per day per meter	107.903c	118.693c

Schedule of Connection charges

The following charges are payable to ActewAGL Distribution for or in connection with the use of the electricity system. These charges apply to work on standard residential and similar installations carried out in normal business hours, unless otherwise stated. Charges for work of greater complexity or outside these hours will be determined individually.

After hours charges, where applicable, apply to services performed outside normal business hours. This applies to all services requested after 1400 hours (2.00pm) on working weekdays where the services are to be performed prior to normal business hours on the next working weekday.

Normal business hours: 0800 hours (8.00 am) to 1600 hours (4.00 pm) on working weekdays.

After hours: All other times.

Code	Service	2016-17 excluding GST	2016-17 including GST
Premises Re-energisation – Existing Network Connection – These charges also apply where ActewAGL responds to a customer initiated call out and determines that the premises are energised at the connection point.			
501	Re-energise premises	$67.82	$74.60
502	Re-energise premises – After Hours	$85.97	$94.57
Premises De-energisation – Existing Network Connection			
503	De-energise premises	$67.82	$74.60
505	De-energise premises for debt non-payment	$135.65	$149.22
Meter Installation			
507	Install single phase, single element manually read interval meter	$511.93	$563.12
508	Install subsequent single phase, single element meter - same location & visit	$323.64	$356.00
509	Install single phase, two element meter	$622.57	$684.83
511	Install subsequent single phase, two element meter - same location & visit	$434.28	$477.71
512	Install three phase meter	$749.64	$824.60
513	Install subsequent three phase meter - same location & visit	$561.34	$617.47
Meter Investigations			
504	Meter Test (Whole Current)	$271.30	$298.43
510	Meter Test (CT/VT)	$314.20	$345.62
Special / Additional Meter Reads			
506	Special Meter Read	$31.37	$34.51
Temporary Network Connections (exclude metering costs)			
520	Temporary Builders Supply – Overhead	$609.61	$670.57
522	Temporary Builders Supply – Underground	$1,330.82	$1,463.90
New Network Connections (exclude metering costs)			
523	New Underground Service Connection – Greenfield	$0.00	$0.00
526	New Overhead Service Connection – Brownfield	$800.66	$880.73
527	New Underground Service Connection – Brownfield from Front	$1,330.82	$1,463.90
528	New Underground Service Connection – Brownfield from Rear	$1,330.82	$1,463.90

Code	Service	2016-17 excluding GST	2016-17 including GST
Network Connection Alterations and Additions (exclude metering costs)			
541	Overhead Service Relocation – Single Visit	$764.19	$840.61
542	Overhead Service Relocation – Two Visits	$1,528.37	$1,681.21
543	Overhead Service Upgrade – Service Cable Replacement Not Required	$764.19	$840.61
544	Overhead Service Upgrade – Service Cable Replacement Required	$800.66	$880.73
545	Underground Service Upgrade – Service Cable Replacement Not Required	$1,294.36	$1,423.80
546	Underground Service Upgrade – Service Cable Replacement Required	$1,330.82	$1,463.90
547	Underground Service Relocation – Single Visit	$1,330.82	$1,463.90
548	Install surface mounted point of entry (POE) box	$615.47	$677.02
Temporary De-energisation			
560	Temporary de-energisation – LV	$406.95	$447.65
561	Temporary de-energisation – HV	$406.95	$447.65
Supply Abolishment / Removal			
562	Supply Abolishment / Removal – Overhead	$573.15	$630.47
563	Supply Abolishment / Removal – Underground	$1,035.49	$1,139.04
Network overhead wire safety services			
564	Install & Remove Tiger Tails – Per Installation	$1,345.92	$1,480.51
565	Install & Remove Tiger Tails – Per Span	$677.55	$745.31
566	Install & Remove Warning Flags – Per Installation	$1,146.28	$1,260.91
567	Install & Remove Warning Flags – Per Span	$580.75	$638.83
Embedded Generation – Operational and Maintenance Fees – 30KW to 5MW (per annum)			
568	Small Embedded Generation OPEX Fees – Connection Assets	2%	2%
569	Small Embedded Generation OPEX Fees – Shared Network Asset	2%	2%
Connection Enquiry Processing – Embedded Generation Installation			
570	PV Connection Enquiry – LV Class 1 (<= 10kW Single Phase / 30kW Three Phase)	$0.00	$0.00
571	PV Connection Enquiry – LV Class 2 to 5 (> 30kW <= 1500kW Three Phase	$557.20	$612.92
572	PV Connection Enquiry – HV	$1,114.41	$1,225.85
573	Provision of information for Network technical study for large scale installations	$11,144.12	$12,258.53
Network Technical Study Services – Embedded Generation Installations			
574	Design & Investigation – LV Connection Class 1 PV* (<= 10kW Single Phase / 30kW Three Phase)	$0.00	$0.00
575	Design & Investigation – LV Connection Class 2 PV (> 30kW and <= 60kW Three Phase)	$3,714.71	$4,086.18
576	Design & Investigation – LV Connection Class 3 PV (> 60 kW and <= 120kW Three Phase)	$5,572.05	$6,129.26
577	Design & Investigation - LV Connection Class 4 PV (> 120 kW and <= 200kW Three Phase)	$7,429.41	$8,172.35
578	Design & Investigation – LV Connection Class 5 PV (> 200kW and <= 1500kW Three Phase) – ActewAGL Network Study	$11,144.12	$12,258.53
579	Design & Investigation – HV Connection Class 5 PV (> 200kW and <= 1500kW Three Phase) – Customer Network Study	$13,930.14	$15,323.15
Residential Estate Subdivision Services (per block)			
580	Subdivision Electricity Distribution Network Reticulation – Multi-Unit Blocks	$0.00	$0.00
581	Subdivision Electricity Distribution Network Reticulation – Blocks <= 650 m^2	$1,678.95	$1,846.85
582	Subdivision Electricity Distribution Network Reticulation – Blocks 650 m^2 – 1100 m^2 with average linear frontage of 22-25 meters	$2,199.69	$2,419.66
Upstream Augmentation (per KVA of capacity)			
585	HV Feeder	$36.37	$40.01
586	Distribution substation	$21.06	$23.17
Rescheduled Site Visits			
590	Rescheduled Site Visit – One Person	$135.65	$149.22
591	Rescheduled Site Visit – Service Team	$573.15	$630.47
Trenching charges			
592	Trenching – first 2 meters	$520.26	$572.29
593	Trenching – subsequent meters	$120.99	$133.09
Boring charges			
594	Under footpath	$943.73	$1,038.10
595	Under driveway	$1,125.22	$1,237.74

ACT Government's Electricity Feed-in Renewable Energy Generation scheme

The following are the payments (negative charges) under the ACT Government *Electricity Feed-in (Renewable Energy) Act 2008* together with the tariff codes applied to those payments. These rates apply from 1 July 2016.

These payments are made to your retailer.

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
201	**Feed-in scheme 10 2009-2029 (obsolete)**		
	The Feed-in scheme network rate for renewable energy generators up to 10kW to start 1 March 2009 and end 2029 will be:		
	• all renewable energy generated	-44.85c per kWh	-49.34c per kWh
301	**Feed-in scheme 30 2009-2029 (obsolete)**		
	The Feed-in scheme network rate from 10kW up to 30kW to start 1 March 2009 and end 2029 will be:		
	• all renewable energy generated	-34.84c per kWh	-38.32c per kWh
302	**Feed-in scheme 30 2010-2030 (obsolete)**		
	The Feed-in scheme network rate for renewable energy generators up to 30kW to start 1 July 2010 and end 2030 will be:		
	• all renewable energy generated	-40.50c per kWh	-44.55c per kWh
303	**Feed-in scheme 30 2011-2031**		
	The Feed-in scheme network rate for renewable energy generators greater than 30kW but at 75% to start 1 July 2011 and end 2031 will be:		
	• all renewable energy generated	-29.07c per kWh	-31.98c per kWh
304	**Feed-in scheme 30 2011-2031**		
	The Feed-in scheme network rate for renewable energy generators greater than 30kW to start 1 July 2011 and end 2031 will be:		
	• all renewable energy generated	-24.96c per kWh	-27.46 per kWh
401	**General Network with Feed-in tariff code 201 (obsolete)**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the General Network charge with Feed-in scheme network rate for renewable energy generators up to 10kW will be:		
	• a network access charge per day	60.408c	66.449c
	• energy consumption for the first 330kWh per day (pro-rata over billing period)	10.729c per kWh	11.802c per kWh
	• energy consumption above 330kWh per day	13.957c per kWh	15.353c per kWh
	• all renewable energy generated	-44.85c per kWh	-49.34c per kWh
402	**General Network with Feed-in tariff code 302**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the General Network charge with Feed-in scheme network rate for renewable energy generators up to 30kW will be:		
	• a network access charge per day	60.408c	66.449c
	• energy consumption for the first 330kWh per day (pro-rata over billing period)	10.729c per kWh	11.802c per kWh
	• energy consumption above 330kWh per day	13.957c per kWh	15.353c per kWh
	• all renewable energy generated	-40.50c per kWh	-44.55c per kWh
601	**Residential Network with Feed-in tariff code 201 (obsolete)**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the Residential Network charge with Feed-in scheme network rate for renewable energy generators up to 30kW will be:		
	• a network access charge per day	33.285c	36.614c
	• all energy consumption	6.902c per kWh	7.592c per kWh
	• all renewable energy generated	-44.85c per kWh	-49.34c per kWh
602	**Residential Network with Feed-in tariff code 302**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the Residential Network charge with Feed-in scheme network rate for renewable energy generators up to 30kW will be:		
	• a network access charge per day	33.285c	36.614c
	• all energy consumption	6.902c per kWh	7.592c per kWh
	• all renewable energy generated	-40.50c per kWh	-44.55c per kWh
702	**Residential TOU Network with Feed-in tariff code 302**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the Residential Network charge with Feed-in scheme network rate for renewable energy generators up to 30kW will be:		
	• a network access charge per day	33.285c	36.614c
	• for energy consumption at max times (as defined)	11.937c per kWh	13.131c per kWh
	• for energy consumption at mid times (as defined)	5.766c per kWh	6.343c per kWh
	• for energy consumption at economy times (as defined)	2.608c per kWh	2.869c per kWh
	• all renewable energy generated	-40.50c per kWh	-44.55c per kWh

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
901	**General TOU Network with Feed-in tariff code 201 (obsolete)**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the General TOU Network charge with Feed-in scheme network rate for renewable energy generators up to 10kW will be:		
	• a network access charge per day	60.408c	66.449c
	• for energy consumption at business times (as defined)	16.962c per kWh	18.658c per kWh
	• for energy consumption at evening times (as defined)	8.323c per kWh	9.155c per kWh
	• for energy consumption at off-peak times (as defined)	3.441c per kWh	3.785c per kWh
	• all renewable energy generated	-44.85c per kWh	-49.34c per kWh
902	**General TOU Network with Feed-in tariff code 302**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the General TOU Network charge with Feed-in scheme network rate for renewable energy generators up to 30kW will be:		
	• a network access charge per day	60.408c	66.449c
	• for energy consumption at business times (as defined)	16.962c per kWh	18.658c per kWh
	• for energy consumption at evening times (as defined)	8.323c per kWh	9.155c per kWh
	• for energy consumption at off-peak times (as defined)	3.441c per kWh	3.785c per kWh
	• all renewable energy generated	-40.50c per kWh	-44.55c per kWh
903	**General TOU Network with Feed-in tariff code 304**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the General TOU Network charge with Feed-in scheme network rate for renewable energy generators greater than 30kW will be:		
	• a network access charge per day	60.408c	66.449c
	• for energy consumption at business times (as defined)	16.962c per kWh	18.658c per kWh
	• for energy consumption at evening times (as defined)	8.323c per kWh	9.155c per kWh
	• for energy consumption at off-peak times (as defined)	3.441c per kWh	3.785c per kWh
	• all renewable energy generated	-24.96c per kWh	-27.46c per kWh

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
1001	**LV TOU kVA Demand Network with Feed-in tariff code 201 (obsolete)**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the LV TOU Demand Network charge with Feed-in scheme network rate for renewable energy generators up to 10kW will be:		
	• a network access charge per connection point per day	158.962c	174.858c
	• for maximum demand in a billing period, a charge per day of	42.329c per kVA	46.562c per kVA
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.482c per kWh	3.830c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh
	• all renewable energy generated	-44.85c per kWh	-49.34c per kWh
1002	**LV TOU kVA Demand Network with Feed-in tariff code 301 (obsolete)**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the LV TOU Demand Network charge with Feed-in scheme network rate for renewable energy generators from 10kW up to 30kW will be:		
	• a network access charge per connection point per day	158.962c	174.858c
	• for maximum demand in a billing period, a charge per day of	42.329c per kVA	46.562c per kVA
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.482c per kWh	3.830c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh
	• all renewable energy generated	-34.84c per kWh	-38.32c per kWh
1004	**LV TOU kVA Demand Network with Feed-in tariff code 303**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the LV TOU Demand Network charge with Feed-in scheme network rate for renewable energy generators greater than 30kW but at 75% will be up to 30kW will be:		
	• a network access charge per connection point per day	158.962c	174.858c
	• for maximum demand in a billing period, a charge per day of	42.329c per kVA	46.562c per kVA

Code	Description	2016-17 GST-exclusive rate	2016-17 GST-inclusive rate
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.482c per kWh	3.830c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh
	• all renewable energy generated	-29.07c per kWh	-31.98c per kWh
1005	**LV TOU kVA Demand Network with Feed-in tariff code 304**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the LV TOU Demand Network charge with Feed-in scheme network rate for renewable energy generators greater than 30kW but at 75% will be up to 30kW will be:		
	• a network access charge per connection point per day	158.962c	174.858c
	• for maximum demand in a billing period, a charge per day of	42.329c per kVA	46.562c per kVA
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.482c per kWh	3.830c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh
	• all renewable energy generated	-24.96c per kWh	-27.46c per kWh
1006	**LV TOU kVA Demand Network with Feed-in tariff code 302**		
	(for customers with interval gross metering, refer to application of rates calculation methodology) the LV TOU Demand Network charge with Feed-in scheme network rate for renewable energy generators up to 30kW will be:		
	• a network access charge per connection point per day	158.962c	174.858c
	• for maximum demand in a billing period, a charge per day of	42.329c per kVA	46.562c per kVA
	• for energy consumption at business times (as defined)	6.527c per kWh	7.180c per kWh
	• for energy consumption at evening times (as defined)	3.482c per kWh	3.830c per kWh
	• for energy consumption at off-peak times (as defined)	1.563c per kWh	1.719c per kWh
	• all renewable energy generated	-40.50c per kWh	-44.55c per kWh

Application of rates

ACT Government's Electricity Feed-in Renewable Energy Generation scheme (FiT scheme)

Where a retailer has paid an occupier of a premises in accordance with subsection 6(3) of the *Electricity Feed-in (Renewable Energy Premium) Act 2008*, ActewAGL Distribution will reimburse the retailer in accordance with subsection 6(2) of that Act. ActewAGL Distribution's NUOS invoices for retailers will show the reimbursement as a negative amount in the charges.

Retailers are to apply to ActewAGL Distribution for a network tariff code if a relevant network tariff code is not listed above.

Calculation methodology for Feed-in tariffs with interval meters

The tariff codes above starting with 2 or 3 will be applied with the normal tariff for that NMI, e.g. if existing NMI network tariff code is 010, then this site will now have 010 + 201 etc.

For other tariff codes starting with 4 or 6 to 10, the feed-in tariff code above starting with 2 or 3 that is to be applied along with the calculation methodology for that tariff code with interval metering data.

The network charge applicable to each installation with interval meters shall be in accordance with the following:

1. for customers with interval gross metering;
   - calculation shall be as per existing standard for kVA demand charges, that is 30 minute clocked interval calculated coincident (where applicable)
   - data stream for energy from the grid, calculation shall be E streams only applied to energy times for kWh rates
   - data stream for energy to the grid, calculation for Feed-in shall be B stream only.

   e.g. NMI Network Tariff Code 401, E streams total accumulation = 3000kWh, B stream = 1000kWh

   3000 x 10.729c per kWh = $321.87

   1000 x -44.85c per kWh = -$448.50.