

ActewAGL Distribution Schedule of electricity network charges 2011-12

The following charges will apply from 1 July 2011. 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.

Prices include Goods and Services Tax of 10 percent where stated.

Use of network charges

Code	Description	2011-12 GST- exclusive rate	2011-12 GST- inclusive rate
010	Residential Basic Network		
	The Residential Basic Network charge shall be:		
	• a network access charge per day	15.25c	16.775c
	• all energy consumption	6.31c per kWh	6.941c per kWh
015	Residential TOU Network		
	The Residential TOU Network charge shall be:		
	• a network access charge per day	15.25c	16.775c
	• for energy consumption at max times (as defined)	9.18c per kWh	10.098c per kWh
	• for energy consumption at mid times (as defined)	5.07c per kWh	5.577c per kWh
	• for energy consumption at economy times (as defined)	3.74c per kWh	4.114 per kWh
020	Residential 5000 Network		
	The Residential 5000 Network charge shall be:		
	• a network access charge per day	36.75c	40.425c
	• energy consumption for the first 60 kWh per day (pro-rata over billing period)	4.73c per kWh	5.203c per kWh
	• energy consumption above 60 kWh	6.31c per kWh	6.941c per kWh

Code	Description	2011-12 GST-exclusive rate	2011-12 GST-inclusive rate
	per day		
030	Residential with Heat Pump Network The Residential with Heat Pump Network charge shall be:		
	• a network access charge per day	79.95c	87.945c
	• energy consumption for the first 165 kWh per day (pro-rata over billing period)	3.24c per kWh	3.564c per kWh
	• energy consumption above 165 kWh per day	6.31c per kWh	6.941c per kWh
040	General Network The General Network charge shall be:		
	• a network access charge per day	30.71c	33.781c
	• energy consumption for the first 330 kWh per day (pro-rata over billing period)	9.64c per kWh	10.604c per kWh
	• energy consumption above 330 kWh per day	12.68c per kWh	13.948c per kWh
060	Off-Peak (1) Night Network The Off-Peak 1 Night Network charge shall be:		
	• energy consumption	1.36c per kWh	1.496c per kWh
070	Off-Peak (3) Day & Night Network The Off-Peak (3) Day & Night Network charge shall be:		
	energy consumption	1.84c per kWh	2.024c per kWh
080	Streetlighting Network The Streetlighting Network charge shall be:		
	• a network access charge per day per account	30.00c	33.00c
	• all energy consumption	6.44c per kWh	7.084c per kWh
090	General TOU Network The General TOU Network charge shall be:		
	• a network access charge per day	30.71c	33.781c
	• for energy consumption at business times (as defined)	15.29c per kWh	16.819c per kWh
	• for energy consumption at evening times (as defined)	7.75c per kWh	8.525c per kWh
	• for energy consumption at off-peak	3.33c per kWh	3.663c per kWh

Code	Description	2011-12 GST-exclusive rate	2011-12 GST-inclusive rate
	times (as defined)		
101	LV TOU kVA Demand Network		
	• a network access charge per connection point per day	36.00c	39.60c
	• for maximum demand in a billing period, a charge per day of	40.40c per kVA	44.44c per kVA
	• for energy consumption at business times (as defined)	4.80c per kWh	5.280c per kWh
	• for energy consumption at evening times (as defined)	3.29c per kWh	3.619c per kWh
	• for energy consumption at off-peak times (as defined)	1.69c per kWh	1.859c per kWh
103	LV TOU Capacity Network (for low voltage customers with embedded generator)		
	• a network access charge per connection point per day	36.00c	39.60c
	• for maximum demand in a billing period, a charge per day of	18.60c per kVA	20.46c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period),	18.60c per kVA	20.46c per kVA
	• for energy consumption at business times (as defined)	4.80c per kWh	5.280c per kWh
	• for energy consumption at evening times (as defined)	3.29c per kWh	3.619c per kWh
	• for energy consumption at off-peak times (as defined)	1.69c per kWh	1.859c per kWh
High voltage time of use demand network with ActewAGL low voltage network			
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	\$13.00	\$14.30
	• for maximum demand in a billing period, a charge per day of	16.50c per kVA	18.15c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period)	16.50c per kVA	18.15c per kVA
	• for energy consumption at business times (as defined)	4.16c per kWh	4.576c per kWh
	• for energy consumption at evening	2.82c per kWh	3.102c per kWh

Code	Description	2011-12 GST-exclusive rate	2011-12 GST-inclusive rate
	times (as defined)		
	<ul style="list-style-type: none"> for energy consumption at off-peak times (as defined) 	1.49c per kWh	1.639c per kWh
112	<p>HV TOU Demand Network – Customer HV</p> <p>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:</p> <ul style="list-style-type: none"> a network access charge per connection point per day for maximum demand in a billing period, a charge per day of a capacity charge per day of (for the maximum demand over the previous 12-month period) for energy consumption at business times (as defined) for energy consumption at evening times (as defined) for energy consumption at off-peak times (as defined) 	<p>\$13.00</p> <p>15.50c per kVA</p> <p>15.50c per kVA</p> <p>4.16c per kWh</p> <p>2.82c per kWh</p> <p>1.49c per kWh</p>	<p>\$14.30</p> <p>17.05c per kVA</p> <p>17.05c per kVA</p> <p>4.576c per kWh</p> <p>3.102c per kWh</p> <p>1.639c per kWh</p>
	<p>High voltage time of use demand network without ActewAGL low voltage network</p>		
121	<p>HV TOU Demand Network – Customer LV</p> <p>The HV TOU Demand Network charge for a customer that owns and is responsible for their own low voltage network shall be:</p> <ul style="list-style-type: none"> a network access charge per connection point per day for maximum demand in a billing period, a charge per day of a capacity charge per day of (for the maximum demand over the previous 12-month period) for energy consumption at business times (as defined) for energy consumption at evening times (as defined) for energy consumption at off-peak 	<p>\$13.00</p> <p>16.50c per kVA</p> <p>16.50c per kVA</p> <p>3.75c per kWh</p> <p>2.46c per kWh</p> <p>1.34c per kWh</p>	<p>\$14.30</p> <p>18.15c per kVA</p> <p>18.15c per kVA</p> <p>4.125c per kWh</p> <p>2.706c per kWh</p> <p>1.474c per kWh</p>

Code	Description	2011-12 GST-exclusive rate	2011-12 GST-inclusive rate
	times (as defined)		
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	\$13.00	\$14.30
	• for maximum demand in a billing period, a charge per day of	15.50c per kVA	17.05c per kVA
	• a capacity charge per day of (for the maximum demand over the previous 12-month period)	15.50c per kVA	17.05c per kVA
	• for energy consumption at business times (as defined)	3.75c per kWh	4.125c per kWh
	• for energy consumption at evening times (as defined)	2.46c per kWh	2.706c per kWh
	• for energy consumption at off-peak times (as defined)	1.34c per kWh	1.474c per kWh
135	Small Unmetered Loads Network The Small Unmetered Loads Network charge shall be:		
	• a network access charge per NMI per day	24.80c	27.28c
	• all energy consumption	10.88c per kWh	11.968c per kWh
141	Internal Network The Internal Network charge shall be:		
	• a network access charge per day per account	30.71c	33.781c
	• all energy consumption	9.64c per kWh	10.604c per kWh

Use of network charge

The local distributor charges for the use of the transmission and distribution networks. Because both networks are natural monopolies, 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 pay identical rates.

The network charges above include both transmission and distribution use of system components.

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. As a local distributor ActewAGL pays this amount to Transgrid.

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.

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 for the provision of metering equipment, meter reading and data forwarding will apply.

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:

- 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 other than domestic purposes 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.

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). The off-peak charges are applicable to recharging electric vehicles, compressing natural gas for CNG vehicles 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. The 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 times** 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 the basis of a daily rate for the maximum demand recorded over the previous 12-month period. The maximum demand is the highest demand calculated coincident over a 30-minute clocked interval over the relevant period.

Loss factors

AL00 1.0499 for supply at low voltage
AH00 1.0295 for supply at high voltage