

Auckland electricity distribution network



Price schedule for residential customers

Effective 1 April 2011

This document describes Vector's standard electricity distribution charges on the Auckland electricity network. Our charges cover the cost of transmitting electricity across Transpower's national grid and distributing electricity to you across Vector's local distribution network. Vector offers four price plans for residential customers depending on whether Vector can control your hot water cylinder and your metering type.

Residential customer definitions

You are classified as a residential customer when you have a metered connection for the purpose of supplying a private dwelling (intended for occupation mainly as a place of residence) not normally used for any business activity. Business activities include, but are not limited to, the following:

- Any prison that is operated by the Department of Corrections or is a police jail;
- Any hospital, home, or other institution for the care of sick, disabled, or aged persons;
- Police barracks, or police cells and lock-ups;
- Barracks conducted by the Armed Forces for the accommodation of persons subject to the Armed Forces Discipline Act 1971;
- Any hostel, barracks, dormitory, or other similar type of premises providing accommodation for any persons or class of persons;
- A building occupied by a club and used by the club for the provision of temporary or transient accommodation to members of the club;
- Any hotel in respect of which there is in force an on-licence under the Sale of Liquor Act 1989;
- Any hotel, motel, boarding house, or lodging house used for the provision of temporary or transient accommodation; or
- Any camping ground, motor camp, or marina.

The network that you are supplied from is determined by the relevant Transpower injection point. The Transpower injection points for Vector's Auckland electricity network include; Hepburn Road, Mangere, Mt Roskill, Otahuhu, Pakuranga, Penrose, Takanini and Wiri. The approximate area covered by our Auckland electricity network is shown on the following map.



Residential uncontrolled price plan A100

The A100 price plan applies to residential customers who do not have an electrical hot water cylinder in excess of 50 litres connected to Vector's load management system.

Residential uncontrolled (A100) (exc. GST, and before 10% prompt payment discount)			
Charge type	Code	Units	Rate
Fixed	A100-FIXD	\$/day	0.1667
Variable, uncontrolled	A100-24UC	\$/kWh	0.1049
Variable, night	A100-NITE	\$/kWh	0.0324

- The fixed charge (code A100-FIXD) is a daily charge applied to the number of days you are connected to Vector's network.
- The uncontrolled charge (code A100-24UC) applies to all electricity distributed to you but excludes night consumption (A100-NITE).
- The night charge (code A100-NITE) applies to electricity distributed to you for load permanently wired to a separate night timer controlled meter. Appliances connected to the night timer controlled meter can only draw current between the hours from 23:00 to 07:00 (time periods 47 to 14) plus a boost period of one hour sometime between 13:00 and 15:30 (time periods 27 to 31). The appliances connected to the night timer controlled meter must not be able to draw current outside of the hours specified. The night charge is closed to all customers who did not receive the night charge prior to 1 April 2011, or as otherwise specified by Vector.

Residential controlled price plan A102

The A102 price plan applies to residential customers with an electrical hot water cylinder in excess of 50 litres¹ connected to Vector's load management system. The A102 price plan is not available in all areas, depending on the penetration of Vector's load management system.

Residential controlled (A102) (exc. GST, and before 10% prompt payment discount)			
Charge type	Code	Units	Rate
Fixed	A102-FIXD	\$/day	0.1667
Variable, all inclusive	A102-AICO	\$/kWh	0.0874
Variable, night	A102-NITE	\$/kWh	0.0324

- The fixed charge (code A102-FIXD) is a daily charge applied to the number of days you are connected to Vector's network.
- The all inclusive controlled charge (code A102-AICO) applies to all electricity distributed to you but excludes night consumption (A102-NITE). Vector may control load connected to its load management system at any time for a maximum of 5 hours in any 24 hour period subject to the terms and conditions of your contract.
- The night charge (code A102-NITE) applies to electricity distributed to you for load permanently wired to a separate night timer controlled meter. Appliances connected to the night timer controlled meter can only draw current between the hours from 23:00 to 07:00 (time periods 47 to 14) plus a boost period of one hour sometime between 13:00 and 15:30 (time periods 27 to 31). The appliances connected to the night timer controlled meter must not be able to draw current outside of the hours specified. The night charge is closed to all customers who did not receive the night charge prior to 1 April 2011, or as otherwise specified by Vector.

Residential uncontrolled advanced price plan ARUH

The ARUH price plan applies to residential customers with metering capable of recording half hourly data who do not have an electrical hot water cylinder in excess of 50 litres connected to Vector's load management system.

Residential uncontrolled advanced (ARUH) (exc. GST, and before 10% prompt payment discount)			
Charge type	Code	Units	Rate
Fixed	ARUH-FIXD	\$/day	0.1667
Variable, shoulder	ARUH-SHLD	\$/kWh	0.1049
Variable, off peak	ARUH-OFPK	\$/kWh	0.1009
Variable, peak	ARUH-PEAK	\$/kWh	0.1111

- The fixed charge (code ARUH-FIXD) is a daily charge applied to the number of days you are connected to Vector's network.
- The variable shoulder charge (code ARUH-SHLD) applies to electricity distributed to you during the period of time from 06:00 to 07:30, 09:30 to 17:30 and 19:30 to 22:00 (time periods 13 to 15, 20 to 35 and 40 to 44) on weekdays, and during 06:00 to 22:00 (time periods 13 to 44) on weekends.
- The variable off peak charge (code ARUH-OFPK) applies to electricity distributed to you during the period of time from 22:00 to 06:00 (time periods 45 to 12) the following day
- The variable peak charge (code ARUH-PEAK) applies to electricity distributed to you during the period of time from 07:30 to 09:30 and 17:30 to 19:30 (time periods 16 to 19 and 36 to 39) on weekdays only.

Residential controlled advanced price plan ARCH

The ARCH price plan applies to residential customers with metering capable of recording half hourly data who have an electrical hot water cylinder in excess of 50 litres¹ connected to Vector's load management system.

Residential controlled advanced (ARCH) (exc. GST, and before 10% prompt payment discount)			
Charge type	Code	Units	Rate
Fixed	ARCH-FIXD	\$/day	0.1667
Variable, shoulder	ARCH-SHLD	\$/kWh	0.0874
Variable, off peak	ARCH-OFPK	\$/kWh	0.0841
Variable, peak	ARCH-PEAK	\$/kWh	0.0927

- The fixed charge (code ARCH-FIXD) is a daily charge applied to the number of days you are connected to Vector's network.
- The variable shoulder charge (code ARCH-SHLD) applies to electricity distributed to you during the period of time from 06:00 to 07:30, 09:30 to 17:30 and 19:30 to 22:00 (time periods 13 to 15, 20 to 35 and 40 to 44) on weekdays, and during 06:00 to 22:00 (time periods 13 to 44) on weekends.
- The variable off peak charge (code ARCH-OFPK) applies to electricity distributed to you during the period of time from 22:00 to 06:00 (time periods 45 to 12) the following day
- The variable peak charge (code ARCH-PEAK) applies to electricity distributed to you during the period of time from 07:30 to 09:30 and 17:30 to 19:30 (time periods 16 to 19 and 36 to 39) on weekdays only.

1. An electrical hot water cylinder may be substituted with appliances of a similar rating and load profile at Vector's discretion.

Extent of charges

Our distribution charges published in this schedule relate to the cost of owning, operating and maintaining the network as it currently exists but do not include amongst other things, energy charges for the electricity you use, metering charges, load management equipment located at your connection to the network, the cost of reading meters and the cost of your fittings or appliances.

- In order for us to supply any new or changed distribution service to you including but not limited to; changes to security or service levels, the connection to the network of additional connections and the modification, relocation or removal of current connections, we may apply non-standard charges other than those outlined in this schedule on a case by case basis.
- Our distribution charges recover pass through costs from government agencies which account for approximately 27% of the rates listed in this schedule. Pass through costs include transmission (and avoided transmission) charges, council rates and Electricity Authority and Commerce Act levies.
- Our distribution charges do not include ancillary service charges and loss constraint excess payments from the System Operator and Transpower respectively. These charges are passed through by Vector in their entirety with no mark-up directly to your electricity retailer.
- All rates are exclusive of GST and are eligible for a 10% discount if paid to your retailer by the due date.

For further information

Your electricity retailer bills you for our distribution charges on our behalf. This avoids the additional expense of both Vector and your retailer establishing a billing system, and the need for you to make two separate payments. If you would like to discuss how Vector's distribution charges are applied to your bill, please contact your electricity retailer.