

Auckland electricity distribution network



Price schedule for transformer 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 two price plans for transformer customers depending on your metering type.

Transformer customer definitions

You are classified as a transformer customer when you are not a residential customer (as outlined in Vector's residential price schedule) and you have a metered connection greater than 69kVA supplied from transformers owned by Vector dedicated to supply your low voltage (400V three phase or 230V single phase) network.

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 below.



Price plan ATXN

The ATXN price plan applies to transformer customers with a capacity greater than 69kVA. Metering capable of recording half hourly data is not required on this price plan.

Price plan ATXN (exc. GST, and before 10% prompt payment discount)			
Charge type	Code	Units	Rate
Fixed	ATXN-FIXD	\$/day	1.0778
Capacity	ATXN-CAPY	\$/kVA/day	0.0317
Variable	ATXN-24UC	\$/kWh	0.0716

- The fixed charge (code ATXN-FIXD) is a daily charge applied to the number of days you are connected to Vector's network.

- The capacity charge (code ATXN-CAPY) is a daily charge applied to the capacity of your connection to Vector's network.
- The variable charge (code ATXN-24UC) applies to all electricity distributed to you.

Price plan ATXH

The ATXH price plan applies to transformer customers with a capacity greater than 69kVA. Metering capable of recording half hourly data is required on this price plan.

Price plan ATXH (exc. GST, and before 10% prompt payment discount)			
Charge type	Code	Units	Rate
Capacity	ATXH-CAPY	\$/kVA/day	0.0317
Variable, summer day	ATXH-SMDY	\$/kWh	0.0132
Variable, summer night	ATXH-SMNT	\$/kWh	0.0020
Variable, winter day	ATXH-WNDY	\$/kWh	0.0366
Variable, winter night	ATXH-WNNT	\$/kWh	0.0020
Demand	ATXH-DAMD	\$/kVA/day	0.2519

- The capacity charge (code ATXH-CAPY) is a daily charge applied to the capacity of your connection to Vector's network.
- The summer day variable charge (code ATXH-SMDY) applies to electricity distributed to you during the period of time from 07:00 to 22:00 (time periods 15 to 44) during the calendar period between midnight on 30 September and midnight on 30 April the following year.
- The summer night variable charge (code ATXH-SMNT) applies to electricity distributed to you during the period of time from 22:00 to 07:00 (time periods 45 to 14) the following day during the calendar period between midnight on 30 September and midnight on 30 April the following year.
- The winter day variable charge (code ATXH-WNDY) applies to electricity distributed to you during the period of time from 07:00 to 22:00 (time periods 15 to 44) during the calendar period between midnight on 30 April and midnight on 30 September.

- The winter night variable charge (code ATXH-WNNT) applies to electricity distributed to you during the period of time from 22:00 to 07:00 (time periods 45 to 14) the following day during the calendar period between midnight on 30 April and midnight on 30 September.
- The demand charge (code ATXH-DAMD) is a daily charge applied to the average of your ten highest kVA demands (twice the kVAh half hourly reading) between 08:00 and 20:00 (time periods 17 to 40) on weekdays including public holidays in any one month.

Customer capacity

Capacities used to allocate you to a price plan and for calculating your distribution charges are based on the capacity of your connection.

- Vector may require your demand not to exceed the capacity of your connection at any time.
- Changes to the capacity of your connection may be requested by you.
- Any change to your capacity requires the current limiting device (such as fuse or transformer) to be changed by Vector to the nearest standard capacity. The nearest standard capacity will determine the capacity used for distribution charges.
- Vector may pass some, or all of the costs associated with the change in capacity on to you (including removal of stranded assets such as transformers).
- Changes to your capacity are subject to the agreement of Vector and the availability of spare capacity on Vector's network.

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.

