

Price schedule for high voltage customers

Effective 1 April 2010

Vector's electricity distribution charges on the Auckland network cover the cost of transmitting electricity across Transpower's national grid, distributing electricity to you across Vector's local distribution network and for the regular maintenance and investment required to meet our service standards. Vector offers two price plans for high voltage customers depending on your metering type.

High voltage customer definitions

A high voltage customer is where you are not a residential customer (as outlined in Vector's residential price schedule) and you receive a supply greater than 69kVA directly from Vector's high voltage (6.6kV, or higher) network.

The network that you are supplied from is determined by the relevant Transpower injection point. The Transpower injection points for Vector's Auckland 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 AHVN

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

PRICE (exc. GST, and before 10% prompt payment discount)				
	Charge type	Code	Units	Rate
High voltage >69kVA, non half hourly metering (AHVN)	Fixed	AHVN-FIXD	\$/day	0.9778
	Capacity	AHVN-CAPY	\$/kVA/day	0.0288
	Variable	AHVN-24UC	\$/kWh	0.0676

- The fixed charge (code AHVN-FIXD) is a daily charge applied to the number of days you are connected to Vector's network.
- The capacity charge (code AHVN-CAPY) is a daily charge applied to the nominated capacity of your connection to Vector's network.
- The variable charge (code AHVN-24UC) applies to all electricity distributed to you.

Price plan AHVH

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

PRICE (exc. GST, and before 10% prompt payment discount)				
	Charge type	Code	Units	Rate
High voltage >69kVA, half hourly metering (AHVH)	Capacity	AHVH-CAPY	\$/kVA/day	0.0288
	Variable, summer day	AHVH-SMDY	\$/kWh	0.0121
	Variable, summer night	AHVH-SMNT	\$/kWh	0.0020
	Variable, winter day	AHVH-WNDY	\$/kWh	0.0332
	Variable, winter night	AHVH-WNNT	\$/kWh	0.0020
	Demand	AHVH-DAMD	\$/kVA/day	0.2329
	Excess demand	AHVH-DEXA	\$/kVA/day	0.5390

- The capacity charge (code AHVH-CAPY) is a daily charge applied to the nominated capacity of your connection to Vector's network.
- The summer day variable charge (code AHVH-SMDY) applies to electricity distributed to you during the period of time from 7am to 10pm (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 AHVH-SMNT) applies to electricity distributed to you during the period of time from 10pm to 7am (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 AHVH-WNDY) applies to electricity distributed to you during the period of time from 7am to 10pm (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 AHVH-WNNT) applies to electricity distributed to you during the period of time from 10pm to 7am (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 AHVH-DAMD) is a daily charge applied to the average of your ten highest kVA demands (twice the kVAh half hourly reading) between 8am and 8pm (time periods 17 to 40) on weekdays including public holidays in any one month.
- The excess demand charge (code AHVH-DEXA) is a daily charge applied to the difference between your anytime maximum kVA demand (twice the maximum kVAh half hourly reading) and your nominated capacity in any one month, where the anytime demand is greater than the nominated capacity.

Customer capacity

For high voltage customers, capacities used to calculate your distribution charges cannot always be determined based on physical capacity limiting devices. For this reason Vector allows high voltage customers to nominate the capacity of their connection.

- The nominated capacity may only be changed once in each 12 month period ending on 31 March each year.
- Nominated capacities must reasonably estimate your capacity requirement.
- Changes to your nominated capacity are subject to the agreement of Vector and the availability of spare capacity on Vector's network.

- Vector may pass some, or all of the costs associated with a change in capacity on to you.
- Vector does not guarantee the availability of increased capacity at any time.
- The application of excess demand charges does not imply or guarantee the availability of increased capacity above your existing nominated capacity.
- Vector may require you not to exceed the nominated capacity at any time.

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 25% of the rates listed in this schedule. Pass through costs include transmission (and avoided transmission) charges, council rates and Electricity Commission and Commerce Commission levies.
- Our distribution charges do not include ancillary service charges and loss constraint excess payments from Transpower.
- 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.