

# Northern electricity distribution network

## Price schedule for residential customers

Effective 1 April 2011

UnitedNetworks' standard electricity distribution charges on the Northern electricity network cover the cost of transmitting electricity across Transpower's national grid and distributing electricity to customers across UnitedNetworks' local distribution network. UnitedNetworks offers four price plans for residential customers depending on whether UnitedNetworks can control the customer's hot water cylinder and the customer's metering type.

### Residential customer definitions

A residential customer is where the customer has a metered connection for the purposes 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 customers are supplied from is determined by the relevant Transpower injection point. The Transpower injection points for the Northern electricity network include; Albany, Henderson, Hepburn Road, Silverdale and Wellsford. The approximate area covered by the Northern electricity network is shown on the following map.



### Residential uncontrolled price plan W100

The W100 price plan applies to residential customers who do not have an electrical hot water cylinder in excess of 50 litres connected to UnitedNetworks' load management system.

Residential uncontrolled W100 (exc. GST)			
Charge type	Code	Units	Rate
Fixed	W100-FIXD	\$/day	0.1500
Variable, uncontrolled	W100-24UC	\$/kWh	0.1063
Variable, night	W100-NITE	\$/kWh	0.0329

- The fixed charge (code W100-FIXD) is a daily charge applied to the number of days each customer on the W100 price plan is connected to UnitedNetworks' network.
- The uncontrolled charge (code W100-24UC) applies to all electricity distributed to each customer on the W100 price plan but excludes night consumption (W100-NITE).

- The night charge (code W100-NITE) applies to electricity distributed to each customer on the W100 plan eligible for the night charge 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 UnitedNetworks.

### Residential controlled price plan W102

The W102 price plan applies to residential customers with an electrical hot water cylinder in excess of 50 litres<sup>1</sup> connected to UnitedNetworks' load management system. The W102 price plan is not available in all areas, depending on the penetration of UnitedNetworks' load management system.

Residential controlled W102 (exc. GST)			
Charge type	Code	Units	Rate
Fixed	W102-FIXD	\$/day	0.1500
Variable, all inclusive	W102-AICO	\$/kWh	0.0886
Variable, night	W102-NITE	\$/kWh	0.0329

- The fixed charge (code W102-FIXD) is a daily charge applied to the number of days each customer on the W102 price plan is connected to UnitedNetworks' network.
- The all inclusive charge (code W102-AICO) applies to all electricity distributed to each customer on the W102 price plan but excludes night consumption (W102-NITE). UnitedNetworks may control load connected to its load management system at any time for a maximum of 5 hours in any 24 hour period.
- The night charge (code W102-NITE) applies to electricity distributed to each customer on the W102 plan eligible for the night charge 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 UnitedNetworks.

### Residential uncontrolled advanced price plan WRUH

The WRUH 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 UnitedNetworks' load management system.

Residential uncontrolled advanced WRUH (exc. GST)			
Charge type	Code	Units	Rate
Fixed	WRUH-FIXD	\$/day	0.1500
Variable, shoulder	WRUH-SHLD	\$/kWh	0.1063
Variable, off peak	WRUH-OFPK	\$/kWh	0.1023
Variable, peak	WRUH-PEAK	\$/kWh	0.1126

- The fixed charge (code WRUH-FIXD) is a daily charge applied to the number of days each customer on the WRUH price plan is connected to UnitedNetworks' network.
- The variable shoulder charge (code WRUH-SHLD) applies to electricity distributed to each customer on the WRUH price plan 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 WRUH-OFPK) applies to electricity distributed to each customer on the WRUH price plan during the period of time from 22:00 to 06:00 (time periods 45 to 12) the following day.
- The variable peak charge (code WRUH-PEAK) applies to electricity distributed to each customer on the WRUH price plan 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 WRCH

The WRCH 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 litres<sup>1</sup> connected to UnitedNetworks' load management system.

Residential controlled advanced WRCH (exc. GST)			
Charge type	Code	Units	Rate
Fixed	WRCH-FIXD	\$/day	0.1500
Variable, shoulder	WRCH-SHLD	\$/kWh	0.0886
Variable, off peak	WRCH-OFPK	\$/kWh	0.0852
Variable, peak	WRCH-PEAK	\$/kWh	0.0939

- The fixed charge (code WRCH-FIXD) is a daily charge applied to the number of days each customer on the WRCH price plan is connected to UnitedNetworks' network.

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

- The variable shoulder charge (code WRCH-SHLD) applies to electricity distributed to each customer on the WRCH price plan 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 WRCH-OFPK) applies to electricity distributed to each customer on the WRCH price plan during the period of time from 22:00 to 06:00 (time periods 45 to 12) the following day.
- The variable peak charge (code WRCH-PEAK) applies to electricity distributed to each customer on the WRCH price plan 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.

### Extent of charges

UnitedNetworks' 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 customers use, metering charges, load management equipment located at the connection to the network, the cost of reading meters and the cost of customer fittings or appliances.

- In order for UnitedNetworks to supply any new or changed distribution service, 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, UnitedNetworks may apply non-standard charges other than those outlined in this schedule on a case by case basis.
- UnitedNetworks' 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.
- UnitedNetworks' 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 UnitedNetworks in their entirety with no mark-up directly to retailers.
- All rates are exclusive of GST.

### For further information

To discuss how UnitedNetworks' distribution charges are applied to customer bills, customers should contact their energy retailer who bundles UnitedNetworks' distribution charges with their energy charges into a single retail bill.