



UnitedNetworks

A division of Vector Limited

Electricity network pricing schedule

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1.1 GENERAL TERMS

For full details of the conditions for use of United Networks' Northern network, please refer to the Use of Networks Agreement.

- (a) All defined terms in this schedule have the same meanings as those terms in the Use of Networks Agreement.
 - (i) Price plan has the same meaning as End-Consumer Load Group.
 - (ii) Consumer has the same meaning as End-Consumer
 - (iii) Customer has the same meaning as ICP
 - (iv) Connection has the same meaning as Point of Connection
 - (v) United Networks has the same meaning as the Distributor
 - (vi) Northern network has the same meaning as the Northern Regional Network
- (b) Times stated in this schedule are New Zealand daylight time unless otherwise specified.

1.1.1 Distributed generation

Each Generator connected to the network will be subject to a separate agreement for injection. Charges for connection to the network for the purposes of injection will be calculated in accordance with the prevailing distributed generation pricing policy. Charges for connection of the Generator for the purposes of off take will be determined in accordance with this price schedule.

1.1.2 Selection of price plan

- (a) The price plan for residential customers may be nominated by the retailer in accordance with the requirements of this price schedule for the various consumption options.
- (b) The price plan for all other customers will be set by United Networks based on the criteria set out in this pricing schedule.

1.1.3 Provision of consumption information

- (a) The retailer will provide United Networks with consumption data for each customer and for each code as prescribed in this price schedule.
- (b) Where more than one meter at a connection is in use, but a single variable distribution charge applies, consumption data will need to be aggregated by the retailer before forwarding to United Networks.
- (c) Where a half hourly meter is fitted and the customer's price plan requires half hourly data, the retailer must submit half hourly consumption information. The retailer may use the code as prescribed in this price schedule or may use the code with the last 4 characters replaced with

“TAIC”. UnitedNetworks will then determine the appropriate charges from the half hourly data file.

- (d) Half hourly data provided by retailers should contain the following channels; kWh, kVArh and kVAh, but must contain no less than two of these.
- (e) Consumption submitted on a code not appropriate for the customer’s price plan will be charged at the default charge for that price plan. The default charge will be determined as the highest variable charge applicable for that price plan.

1.1.4 Calculation of scaled and variable charges

- (a) Where the sum of the electricity for all customers in the Northern network (after adjustments for estimated electricity and losses) does not reconcile with the total electricity injected into the network each month, UnitedNetworks may factor up or down the loss adjusted quantity for each customer identified by UnitedNetworks as not being half hourly metered or un-metered so that the total electricity of all customers reconciles with the total electricity injected into the network.
- (b) The electricity for each customer derived from this calculation will be the basis for calculating variable charges.

1.2 ELECTRICITY NETWORK LOSS FACTORS

Losses and loss factors may be reviewed and amended by UnitedNetworks from time to time, on reasonable notice to the retailer, to ensure that they reflect unaccounted for electricity on the network.

1.2.1 Loss factors

For the purpose of calculating network distribution charges, unless otherwise specified, the loss factors detailed in this section do not need to be applied to the measured or calculated electricity conveyed to connections.

(a) The following table shows the distribution loss percentages and loss factors for each loss factor code.

Loss Factor code	Distribution losses with respect to the injection point meter	Distribution loss factors with respect to the customer meter
VECW1	5.64%	1.0598
VECW2	4.04%	1.0421
VECW3	4.04%	1.0421
VECW4	2.45%	1.0251

(b) The following table shows the loss factor codes for each price plan depending on metering configuration.

Price plan	Loss factor code (LV metered)	Loss factor code (HV metered)
W100	VECW1	VECW1
W102	VECW1	VECW1
WU01	VECW1	VECW1
WB02	VECW1	VECW1
WB07	VECW1	VECW1
WLVN	VECW1	VECW1
WLVC	VECW1	VECW1
WLVH	VECW3	VECW4
WTXC	VECW2	VECW4
WTXN	VECW2	VECW4
WTXH	VECW3	VECW4
WHVN	VECW2	VECW4
WHVH	VECW3	VECW4

1.3 SERVICE CHARGES

In addition to the distribution charges listed in this schedule, UnitedNetworks also charges for additional services such as reconciliation/allocation services, disconnection and reconnection services. The table below outlines some of these additional services and their charges. Unless stated otherwise all service charges below will be invoiced directly to the retailer by UnitedNetworks and not to the customer.

Description of each service charge	Charge
<p>New connection fee This fee is payable when UnitedNetworks energises a new connection for the first time, by inserting the fuse. Any additional site visits required by UnitedNetworks with regard to a new connection will incur a site visit fee. For example, where a site is not ready or if insufficient or incorrect information is provided and the new connection request cannot be completed.</p>	\$30 per Point of Connection
<p>Site visit fee Payable for any site visit by UnitedNetworks requested by the retailer. Examples of site visits include, but are not limited to, non-network call outs, temporary disconnection/reconnection, urgent after hours disconnection, and vacant site disconnection/reconnection.</p>	\$100 per site visit
<p>Late, incorrect or incomplete consumption data fee This fee is payable where consumption data does not comply with the requirements of the Use of Networks Agreement. It will be charged on the basis of the actual time spent by a billing analyst to review, correct, validate and reconcile the information.</p>	\$90 per hour

All non-network fault work, retailer or customer services not listed above will be charged to the retailer on a time and materials basis at market rates.

1.4 PRICE TABLE SUMMARY

Price plan	Code	Description	Units	Rate
W100	W100-FIXD	Fixed	\$/day	0.1500
W100	W100-24UC	Variable, uncontrolled	\$/kWh	0.1095
W100	W100-NITE	Variable, night	\$/kWh	0.0207
W102	W102-FIXD	Fixed	\$/day	0.1500
W102	W102-AICO	Variable, all inclusive	\$/kWh	0.0886
W102	W102-NITE	Variable, night	\$/kWh	0.0207

Price plan	Code	Description	Units	Rate
WU01	WU01-24UC	Variable	\$/kWh	0.1727
WB02	WB02-FIXD	Fixed	\$/day	0.6100
WB02	WB02-24UC	Variable	\$/kWh	0.0610
WB07	WB07-FIXD	Fixed	\$/day	0.9700
WB07	WB07-24UC	Variable	\$/kWh	0.0563

Price plan	Code	Description	Units	Rate
WLVC	WLVC-FIXD	Fixed	\$/day	5.0000
WLVC	WLVC-CAPY	Capacity	\$/kVA/day	0.0150
WLVC	WLVC-24UC	Variable	\$/kWh	0.0256
WLVN	WLVN-FIXD	Fixed	\$/day	4.0000
WLVN	WLVN-CAPY	Capacity	\$/kVA/day	0.0150
WLVN	WLVN-24UC	Variable	\$/kWh	0.0529
WLVH	WLVH-FIXD	Fixed	\$/day	16.5200
WLVH	WLVH-CAPY	Capacity	\$/kVA/day	0.0137
WLVH	WLVH-24UC	Variable	\$/kWh	0.0057
WLVH	WLVH-DAMD	Demand	\$/kVA/day	0.1922

Price plan	Code	Description	Units	Rate
WTXC	WTXC-FIXD	Fixed	\$/day	4.5000
WTXC	WTXC-CAPY	Capacity	\$/kVA/day	0.0135
WTXC	WTXC-24UC	Variable	\$/kWh	0.0230
WTXN	WTXN-FIXD	Fixed	\$/day	3.6000
WTXN	WTXN-CAPY	Capacity	\$/kVA/day	0.0135
WTXN	WTXN-24UC	Variable	\$/kWh	0.0476
WTXH	WTXH-FIXD	Fixed	\$/day	14.8700
WTXH	WTXH-CAPY	Capacity	\$/kVA/day	0.0123
WTXH	WTXH-24UC	Variable	\$/kWh	0.0051
WTXH	WTXH-DAMD	Demand	\$/kVA/day	0.1730

Price plan	Code	Description	Units	Rate
WHVN	WHVN-FIXD	Fixed	\$/day	3.2400
WHVN	WHVN-CAPY	Capacity	\$/kVA/day	0.0122
WHVN	WHVN-24UC	Variable	\$/kWh	0.0428
WHVH	WHVH-FIXD	Fixed	\$/day	14.7200
WHVH	WHVH-CAPY	Capacity	\$/kVA/day	0.0122
WHVH	WHVH-24UC	Variable	\$/kWh	0.0050
WHVH	WHVH-DAMD	Demand	\$/kVA/day	0.1713
WHVH	WHVH-DEXA	Excess demand	\$/kVA/day	0.4851

1.5 RESIDENTIAL ELECTRICITY PRICING

United Networks' electricity distribution charges on the Northern network cover the cost of transmitting electricity across Transpower's national grid, distributing electricity to customers across United Networks' local distribution network and for the regular maintenance and investment required to meet United Networks' service standards. United Networks offers two price plans for residential customers depending on whether United Networks can control the customer's hot water cylinder.

1.5.1 Customer and network definitions

- (a) A residential customer is where the customer's connection is for 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:
- i Any prison that is operated by the Department of Corrections or is a police jail;
 - ii Any hospital, home, or other institution for the care of sick, disabled, or aged persons;
 - iii Police barracks, or police cells and lock-ups;
 - iv Barracks conducted by the Armed Forces for the accommodation of persons subject to the Armed Forces Discipline Act 1971;
 - v Any hostel, barracks, dormitory, or other similar type of premises providing accommodation for any persons or class of persons;
 - vi A building occupied by a club and used by the club for the provision of temporary or transient accommodation to members of the club;
 - vii Any hotel in respect of which there is in force an on-licence under the Sale of Liquor Act 1989;
 - viii Any hotel, motel, boarding house, or lodging house used for the provision of temporary or transient accommodation; or
 - ix Any camping ground, motor camp, or marina.
- (b) The network that customers are supplied from is determined by the relevant Transpower injection point. The Transpower injection points for the Northern network include; Albany, Henderson, Hepburn Road, Silverdale and Wellsford. The approximate area covered by the Northern network is shown in the following map.



1.5.2 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 litres¹ connected to UnitedNetworks' load management system.

Price plan	Code	Description	Units	Rate
W100	W100-FIXD	Fixed	\$/day	0.1500
W100	W100-24UC	Variable, uncontrolled	\$/kWh	0.1095
W100	W100-NITE	Variable, night	\$/kWh	0.0207

- (a) 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.
- (b) 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).
- (c) The night charge (code W100-NITE) applies to electricity distributed to each customer on the W100 price plan 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

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

appliances connected to the night timer controlled meter must not be able to draw current outside of the hours specified.

1.5.3 Residential controlled price plan W102

The W102 price plan applies to residential customers with an electrical hot water cylinder in excess of 50 litres² 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.

Price plan	Code	Description	Units	Rate
W102	W102-FIXD	Fixed	\$/day	0.1500
W102	W102-AICO	Variable, all inclusive	\$/kWh	0.0886
W102	W102-NITE	Variable, night	\$/kWh	0.0207

- (a) 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.
- (b) 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.
- (c) The night charge (code W102-NITE) applies to electricity distributed to each customer on the W102 price plan 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.

1.5.4 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.

- (a) 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,

² An electrical hot water cylinder may be substituted with appliances of a similar rating and load profile at UnitedNetworks' discretion.

United Networks may apply non-standard charges other than those outlined in this schedule on a case by case basis.

- (b) United Networks' 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.
- (c) United Networks' distribution charges do not include ancillary service charges and loss constraint excess payments from Transpower.
- (d) All rates are exclusive of GST.

1.6 BUSINESS ELECTRICITY PRICING

United Networks' electricity distribution charges on the Northern network cover the cost of transmitting electricity across Transpower's national grid, distributing electricity to customers across United Networks' local distribution network and for the regular maintenance and investment required to meet United Networks' service standards. United Networks offers three price plans for business customers depending on the customer's capacity and metering type.

1.6.1 Customer and network definitions

- (a) A business customer is where the customer is not a residential customer and the customer's connection has a capacity less than or equal to 69kVA.
- (b) The network that customers are supplied from is determined by the relevant Transpower injection point. The Transpower injection points for the Northern network include; Albany, Henderson, Hepburn Road, Silverdale and Wellsford. The approximate area covered by the Northern network is shown below.



1.6.2 Business price plan WU01

The WU01 price plan applies to unmetered business customers. An unmetered business customer is where the customer is not a residential customer and their connection; does not have a meter measuring consumption, has a capacity less than 1kVA and consists of fixed wired equipment with a predictable annual electricity usage.

Price plan	Code	Description	Units	Rate
WU01	WU01-24UC	Variable	\$/kWh	0.1727

- (a) The variable charge (code WU01-24UC) applies to electricity distributed to each customer on the WU01 price plan for unmetered load.
- (b) Non-streetlight customer consumption is determined by UnitedNetworks based on load profile and appliance input wattages. A minimum load factor of 1.1 is applied to the input wattage.
- (c) Streetlight customer consumption is determined by multiplying the input wattage of each fitting in a database administered by UnitedNetworks, with the load factor, the number of days in each month and the number of night hours per day as given in the table below:

Month	Night Hours per day
January	9.61
February	10.57
March	11.61
April	12.87
May	13.81
June	14.33
July	14.13
August	13.29
September	12.17
October	11.00
November	9.93
December	9.32

1.6.3 Business price plan WB02

The WB02 price plan applies to business customers with a capacity less than or equal to 15kVA.

Price plan	Code	Description	Units	Rate
WB02	WB02-FIXD	Fixed	\$/day	0.6100
WB02	WB02-24UC	Variable	\$/kWh	0.0610

- (a) The fixed charge (code WB02-FIXD) is a daily charge applied to the number of days each customer on the WB02 price plan is connected to UnitedNetworks' network.
- (b) The variable charge (code WB02-24UC) applies to all electricity distributed to each customer on the WB02 price plan.

1.6.4 Business price plan WB07

The WB07 price plan applies to business customers with a capacity greater than 15kVA and less than or equal to 69kVA.

Price plan	Code	Description	Units	Rate
WB07	WB07-FIXD	Fixed	\$/day	0.9700
WB07	WB07-24UC	Variable	\$/kWh	0.0563

- (a) The fixed charge (code WB07-FIXD) is a daily charge applied to the number of days each customer on the WB07 price plan is connected to UnitedNetworks' network.
- (b) The variable charge (code WB07-24UC) applies to all electricity distributed to each customer on the WB07 price plan.

1.6.5 Customer capacity

Capacities used to allocate customers to a price plan are based on the capacity available to each customer.

- (a) Changes to the customer's capacity may be requested by the retailer.
- (b) Any change to the customer's capacity requires the current limiting device (such as a fuse or transformer) to be changed to the nearest standard capacity. The nearest standard capacity will determine the capacity used for allocating customers to a price plan.
- (c) UnitedNetworks may pass some, or all of the costs associated with the change in capacity on to the retailer (including removal of stranded assets such as transformers).
- (d) Changes to the customer's capacity are subject to the agreement of UnitedNetworks and the availability of spare capacity on UnitedNetworks' network.

1.6.6 Extent of charges

The 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.

- (a) In order for United Networks 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, United Networks may apply non-standard charges other than those outlined in this schedule on a case by case basis.
- (b) United Networks' 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.
- (c) United Networks' distribution charges do not include ancillary service charges and loss constraint excess payments from Transpower.
- (d) All rates are exclusive of GST.

1.7 LOW VOLTAGE ELECTRICITY PRICING

United Networks' electricity distribution charges on the Northern network cover the cost of transmitting electricity across Transpower's national grid, distributing electricity to customers across United Networks' local distribution network and for the regular maintenance and investment required to meet United Networks' service standards. United Networks offers three price plans for low voltage customers depending on the customer's metering type.

1.7.1 Customer and network definitions

- (a) A low voltage customer is where the customer is not a residential customer and the customer receives a supply greater than 69kVA from United Networks' low voltage (400V three phase or 230V single phase) network.
- (b) The network that customers are supplied from is determined by the relevant Transpower injection point. The Transpower injection points for the Northern network include; Albany, Henderson, Hepburn Road, Silverdale and Wellsford. The approximate area covered by the Northern network is shown below.



1.7.2 Low voltage price plan WLVC

The WLVC price plan is closed to all new and existing customers, except those specified by UnitedNetworks as qualifying for this price plan.

Price plan	Code	Description	Units	Rate
WLVC	WLVC-FIXD	Fixed	\$/day	5.0000
WLVC	WLVC-CAPY	Capacity	\$/kVA/day	0.0150
WLVC	WLVC-24UC	Variable	\$/kWh	0.0256

- (a) The fixed charge (code WLVC-FIXD) is a daily charge applied to the number of days each customer on the WLVC price plan is connected to UnitedNetworks' network.
- (b) The capacity charge (code WLVC-CAPY) is a daily charge applied to the capacity of the connection to UnitedNetworks' network for each customer on the WLVC price plan.
- (c) The variable charge (code WLVC-24UC) applies to all electricity distributed to each customer on the WLVC price plan.

1.7.3 Low voltage price plan WLVN

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

Price plan	Code	Description	Units	Rate
WLVN	WLVN-FIXD	Fixed	\$/day	4.0000
WLVN	WLVN-CAPY	Capacity	\$/kVA/day	0.0150
WLVN	WLVN-24UC	Variable	\$/kWh	0.0529

- (a) The fixed charge (code WLVN-FIXD) is a daily charge applied to the number of days each customer on the WLVN price plan is connected to UnitedNetworks' network.
- (b) The capacity charge (code WLVN-CAPY) is a daily charge applied to the capacity of the connection to UnitedNetworks' network for each customer on the WLVN price plan.
- (c) The variable charge (code WLVN-24UC) applies to all electricity distributed to each customer on the WLVN price plan.

1.7.4 Low voltage price plan WL VH

The WL VH price plan is available to low voltage customers with a capacity greater than 69kVA. Metering capable of recording half hourly data is required on this price plan.

Price plan	Code	Description	Units	Rate
WLVH	WLVH-FIXD	Fixed	\$/day	16.5200
WLVH	WLVH-CAPY	Capacity	\$/kVA/day	0.0137
WLVH	WLVH-24UC	Variable	\$/kWh	0.0057
WLVH	WLVH-DAMD	Demand	\$/kVA/day	0.1922

- (a) The fixed charge (code WLVH-FIXD) is a daily charge applied to the number of days each customer on the WLVH price plan is connected to UnitedNetworks' network.
- (b) The capacity charge (code WLVH-CAPY) is a daily charge applied to the capacity of the connection to UnitedNetworks' network for each customer on the WLVH price plan.
- (d) The variable charge (code WLVH-24UC) applies to all electricity distributed to each customer on the WLVH price plan.
- (e) The demand charge (code WLVH-DAMD) is a daily charge applied to the maximum kVA demand (twice the maximum kVAh half hourly reading) in any one month for each customer on the WLVH price plan.

1.7.5 Customer capacity

Capacities used to allocate customers to a price plan and to calculate distribution charges are based on the capacity available to each customer.

- (a) Changes to the customer's capacity may be requested by the retailer.
- (b) Any change to the customer's capacity requires the current limiting device (such as a fuse or transformer) to be changed to the nearest standard capacity. The nearest standard capacity will determine the capacity used for distribution charges.
- (c) UnitedNetworks may pass some, or all of the costs associated with the change in capacity on to the retailer (including removal of stranded assets such as transformers).
- (d) Changes to the customer's capacity are subject to the agreement of UnitedNetworks and the availability of spare capacity on UnitedNetworks' network.

1.7.6 Extent of charges

The 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.

- (a) In order for United Networks 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, United Networks may apply non-standard charges other than those outlined in this schedule on a case by case basis.
- (b) United Networks' 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.
- (c) United Networks' distribution charges do not include ancillary service charges and loss constraint excess payments from Transpower.
- (d) All rates are exclusive of GST.

1.8 TRANSFORMER ELECTRICITY PRICING

United Networks' electricity distribution charges on the Northern network cover the cost of transmitting electricity across Transpower's national grid, distributing electricity to customers across United Networks' local distribution network and for the regular maintenance and investment required to meet United Networks' service standards. United Networks offers three price plans for transformer customers depending on the customer's metering type.

1.8.1 Customer and network definitions

- (a) A transformer customer is where the customer is not a residential customer and the customer receives a supply greater than 69kVA from transformers owned by United Networks dedicated to supplying the customer's low voltage (400V three phase or 230V single phase) network.
- (b) The network that customers are supplied from is determined by the relevant Transpower injection point. The Transpower injection points for the Northern network include; Albany, Henderson, Hepburn Road, Silverdale and Wellsford. The approximate area covered by the Northern network is shown below.



1.8.2 Transformer price plan WTXC

The WTXC price plan is closed to all new and existing customers, except those specified by UnitedNetworks as qualifying for this price plan.

Price plan	Code	Description	Units	Rate
WTXC	WTXC-FIXD	Fixed	\$/day	4.5000
WTXC	WTXC-CAPY	Capacity	\$/kVA/day	0.0135
WTXC	WTXC-24UC	Variable	\$/kWh	0.0230

- (a) The fixed charge (code WTXC-FIXD) is a daily charge applied to the number of days each customer on the WTXC price plan is connected to UnitedNetworks' network.
- (b) The capacity charge (code WTXC-CAPY) is a daily charge applied to the capacity of the connection to UnitedNetworks' network for each customer on the WTXC price plan.
- (c) The variable charge (code WTXC-24UC) applies to all electricity distributed to each customer on the WTXC price plan.

1.8.3 Transformer price plan WTXN

The WTXN price plan is available 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	Code	Description	Units	Rate
WTXN	WTXN-FIXD	Fixed	\$/day	3.6000
WTXN	WTXN-CAPY	Capacity	\$/kVA/day	0.0135
WTXN	WTXN-24UC	Variable	\$/kWh	0.0476

- (a) The fixed charge (code WTXN-FIXD) is a daily charge applied to the number of days each customer on the WTXN price plan is connected to UnitedNetworks' network.
- (b) The capacity charge (code WTXN-CAPY) is a daily charge applied to the capacity of the connection to UnitedNetworks' network for each customer on the WTXN price plan.
- (c) The variable charge (code WTXN-24UC) applies to all electricity distributed to each customer on the WTXN price plan.

1.8.4 Transformer price plan WTXH

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

Price plan	Code	Description	Units	Rate
WTXH	WTXH-FIXD	Fixed	\$/day	14.8700
WTXH	WTXH-CAPY	Capacity	\$/kVA/day	0.0123
WTXH	WTXH-24UC	Variable	\$/kWh	0.0051
WTXH	WTXH-DAMD	Demand	\$/kVA/day	0.1730

- (a) The fixed charge (code WTXH-FIXD) is a daily charge applied to the number of days each customer on the WTXH price plan is connected to UnitedNetworks' network.
- (b) The capacity charge (code WTXH-CAPY) is a daily charge applied to the capacity of the connection to UnitedNetworks' network for each customer on the WTXH price plan.
- (c) The variable charge (code WTXH-24UC) applies to all electricity distributed to each customer on the WTXH price plan.
- (d) The demand charge (code WTXH-DAMD) is a daily charge applied to the maximum kVA demand (twice the maximum kVAh half hourly reading) in any one month for each customer on the WTXH price plan.

1.8.5 Customer capacity

Capacities used to allocate customers to a price plan and to calculate distribution charges are based on the capacity available to each customer.

- (a) Changes to the customer's capacity may be requested by the retailer.
- (b) Any change to the customer's capacity requires the current limiting device (such as a fuse or transformer) to be changed to the nearest standard capacity. The nearest standard capacity will determine the capacity used for distribution charges.
- (c) UnitedNetworks may pass some, or all of the costs associated with the change in capacity on to the retailer (including removal of stranded assets such as transformers).
- (d) Changes to the customer's capacity are subject to the agreement of UnitedNetworks and the availability of spare capacity on UnitedNetworks' network.

1.8.6 Extent of charges

The 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.

- (a) In order for United Networks 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, United Networks may apply non-standard charges other than those outlined in this schedule on a case by case basis.
- (b) United Networks' 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.
- (c) United Networks' distribution charges do not include ancillary service charges and loss constraint excess payments from Transpower.
- (d) All rates are exclusive of GST.

1.9 HIGH VOLTAGE ELECTRICITY PRICING

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

1.9.1 Customer and network definitions

- (a) A high voltage customer is where the customer is not a residential customer and receives a supply greater than 69kVA directly from United Networks' high voltage (6.6kV or higher) network.
- (b) The network that customers are supplied from is determined by the relevant Transpower injection point. The Transpower injection points for the Northern network include; Albany, Henderson, Hepburn Road, Silverdale and Wellsford. The approximate area covered by the Northern network is shown below.



1.9.2 High voltage price plan WHVN

The WHVN price plan is available 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 plan	Code	Description	Units	Rate
WHVN	WHVN-FIXD	Fixed	\$/day	3.2400
WHVN	WHVN-CAPY	Capacity	\$/kVA/day	0.0122
WHVN	WHVN-24UC	Variable	\$/kWh	0.0428

- (a) The fixed charge (code WHVN-FIXD) is a daily charge applied to the number of days each customer on the WHVN price plan is connected to UnitedNetworks' network.
- (b) The capacity charge (code WHVN-CAPY) is a daily charge applied to the nominated capacity of the connection to UnitedNetworks' network for each customer on the WHVN price plan.
- (c) The variable charge (code WHVN-24UC) applies to all electricity distributed to each customer on the WHVN price plan.

1.9.3 High voltage price plan WHVH

The WHVH 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 plan	Code	Description	Units	Rate
WHVH	WHVH-FIXD	Fixed	\$/day	14.7200
WHVH	WHVH-CAPY	Capacity	\$/kVA/day	0.0122
WHVH	WHVH-24UC	Variable	\$/kWh	0.0050
WHVH	WHVH-DAMD	Demand	\$/kVA/day	0.1713
WHVH	WHVH-DEXA	Excess demand	\$/kVA/day	0.4851

- (a) The fixed charge (code WHVH-FIXD) is a daily charge applied to the number of days each customer on the WHVH price plan is connected to UnitedNetworks' network.
- (b) The capacity charge (code WHVH-CAPY) is a daily charge applied to the nominated capacity of each customer on the WHVH price plan connected to UnitedNetworks' network.
- (c) The variable charge (code WHVH-24UC) applies to all electricity distributed to each customer on the WHVH price plan.
- (d) The demand charge (code WHVH-DAMD) is a daily charge applied to the maximum kVA demand (twice the maximum kVAh half hourly reading) in any one month for each customer on the WHVH price plan.

- (e) The excess demand charge (code WHVH-DEXA) is a daily charge applied to the difference between the maximum kVA demand (twice the maximum kVAh half hourly reading) and the nominated capacity in any one month for each customer on the WHVH price plan. The excess demand charge is only applied where the maximum demand is greater than the nominated capacity.

1.9.4 Customer capacity

For high voltage customers, capacities used for calculating distribution charges cannot always be determined based on physical capacity limiting devices. For this reason UnitedNetworks has a process to allow retailers to nominate the capacity of high voltage customer connections.

- (a) The nominated capacity may only be changed once in each 12 month period ending on 31 March each year.
- (b) Nominated capacities must reasonably estimate the capacity requirement of each high voltage customer connected to UnitedNetworks' network.
- (c) Changes to the nominated capacity are subject to the agreement of UnitedNetworks and the availability of spare capacity on UnitedNetworks' network.
- (d) UnitedNetworks may pass some, or all of the costs associated with the change in capacity on to the retailer.
- (e) UnitedNetworks does not guarantee the availability of increased capacity at any time.
- (f) The application of excess demand charges does not imply or guarantee the availability of increased capacity above the customer's existing nominated capacity.
- (g) UnitedNetworks may require each customer to not exceed the nominated capacity at any time.

1.9.5 Extent of charges

The 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.

- (a) 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,

United Networks may apply non-standard charges other than those outlined in this schedule on a case by case basis.

- (b) United Networks' 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.
- (c) United Networks' distribution charges do not include ancillary service charges and loss constraint excess payments from Transpower.
- (d) All rates are exclusive of GST.