

# ELECTRICITY LINE CHARGES

Effective from 1 April 2009

## Who is UnitedNetworks?

UnitedNetworks (a division of Vector Limited) is responsible for the design, development and maintenance of the electricity lines network that delivers power to homes and businesses in North Shore City, Waitakere City and Rodney District.

UnitedNetworks' electricity line charges are a component of the electricity account you receive from your electricity retailer.

## Line charge changes

UnitedNetworks has increased prices in its Northern region from 1 April 2009 by approximately 6% in accordance with the Commerce Act (Electricity Distribution Thresholds) Notice 2004 and its amendments. The Thresholds allow for prices to change each year to reflect changes in the Consumer Price Index and for changes in pass through costs which include transmission costs from Transpower, council rates and Electricity Commission levies.

## Disclosure pursuant to Electricity Information Disclosure Requirements 2004

All charges are exclusive of GST. Other lines and Use of System charges or conditions may apply, please refer to the full UnitedNetworks Pricing Schedule (Module 15), available at [www.unitednetworks.co.nz](http://www.unitednetworks.co.nz). Line charges are quoted including the transmission component. Estimated number of consumers is at 1 October 2008.

### NORTHERN REGION

#### RESIDENTIAL CONSUMERS

Pricing plan	Previous line charges					Estimated number of consumers	New line charges				
	Fixed charge	Variable charges					Fixed charge	Variable charges			
	Daily FIXD (\$/day)	All inclusive AICO (\$/kWh)	Uncontrolled 24UC (\$/kWh)	Separate controlled meter CTRL (\$/kWh)	Optional dedicated night meter NITE (\$/kWh)		Daily FIXD (\$/day)	All inclusive AICO (\$/kWh)	Uncontrolled 24UC (\$/kWh)	Separate controlled meter CTRL (\$/kWh)	Optional dedicated night meter NITE (\$/kWh)
<b>W100, single meter uncontrolled</b>	0.1500		0.1037		0.0186	16,600	0.1500		0.1106		0.0198
<b>W101, dual meter controlled</b>	0.1500		0.1037	0.0439	0.0186	200	0.1500		0.1106	0.0468	0.0198
<b>W102, single meter controlled</b>	0.1500	0.0797			0.0186	165,900	0.1500	0.0850			0.0198
<b>W103, 3 phase</b>	0.1500		0.1168			600	0.1500		0.1246		

#### COMMERCIAL CONSUMERS

Pricing plan	Previous line charges		Estimated number of consumers	New line charges	
	Fixed charge	Variable charge		Fixed charge	Variable charge
	Daily FIXD (\$/day)	Uncontrolled 24UC (\$/kWh)		Daily FIXD (\$/day)	Uncontrolled 24UC (\$/kWh)
<b>WV02, low voltage connection, capacity ≤15kVA</b>	0.4550	0.0575	10,400	0.4800	0.0610
<b>WV07, low voltage connection, capacity &gt;15kVA &amp; ≤69kVA</b>	1.2026	0.0474	10,500	1.2800	0.0503
<b>WV14, low voltage connection, capacity &gt;69kVA &amp; ≤138kVA</b>	5.3150	0.0463	600	5.6400	0.0491
<b>WV30, low voltage connection, capacity &gt;138kVA &amp; ≤300kVA</b>	9.8791	0.0201	150	10.4800	0.0213
<b>WX02, transformer connection, capacity ≤15kVA</b>	0.4136	0.0523	0	0.4400	0.0555
<b>WX07, transformer connection, capacity &gt;15kVA &amp; ≤69kVA</b>	1.0933	0.0431	5	1.1600	0.0457
<b>WX14, transformer connection, capacity &gt;69kVA &amp; ≤138kVA</b>	4.8318	0.0421	10	5.1300	0.0447
<b>WX30, transformer connection, capacity &gt;138kVA &amp; ≤300kVA</b>	8.9810	0.0183	150	9.5300	0.0194

#### SMALL INDUSTRIAL CONSUMERS

Pricing plan	Previous line charges				Estimated number of consumers	New line charges			
	Fixed charge	Capacity charge	Variable charge	Demand charge		Fixed charge	Capacity charge	Variable charge	Demand charge
	Daily FIXD (\$/day)	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Demand DAMD (\$/kVA/month)		Daily FIXD (\$/day)	Connection CAPY (\$/kVA.day)	Uncontrolled 24UC (\$/kWh)	Demand DAMD (\$/kVA)
<b>WV99, low voltage connection, capacity &gt;300kVA</b>	14.1513	0.0118	0.0049	5.0089	40	15.0200	0.0125	0.0052	5.3161
<b>WX99, transformer connection, capacity &gt;300kVA</b>	12.8648	0.0107	0.0045	4.5535	160	13.6500	0.0114	0.0048	4.8327

#### LARGE INDUSTRIAL CONSUMERS

Pricing plan <sup>1</sup>	Previous line charges				Estimated number of consumers	New line charges			
	Capacity charge	Variable charge	Demand charge	Reactive charge		Capacity charge	Variable charge	Demand charge	Reactive charge
	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	On peak demand <sup>2</sup> DOPC (\$/kW/month)	Power factor <sup>3</sup> PWRP (\$/kVA/month)		Connection CAPY (\$/kVA.day)	Uncontrolled 24UC (\$/kWh)	On peak demand <sup>2</sup> DOPC (\$/kW)	Power factor <sup>3</sup> PWRP (\$/kVA)
<b>WC60, &gt;1500kVA in CBD/Industrial service area</b>			9.8122		16			10.4239	
<b>WU60, &gt;1500kVA in Urban service area</b>	0.0286	0.0012	10.1980	7.0000	8	0.0304	0.0013	10.8338	7.0000
<b>WR60, &gt;1500kVA in Rural service area</b>			12.1628		4			12.9211	

#### NON-STANDARD CONSUMERS

Pricing plan	Previous line charge	Estimated number of consumers	New line charge
	Asset specific		Asset specific
<b>60W</b>	POA <sup>4</sup>	7	POA <sup>5</sup>

#### TRANSMISSION COMPONENT

The transmission component equates to an average percentage of the standard line charges listed above as follows: Northern 24%. This component includes recovery of Transpower's connection, interconnection and new investment charges, and avoided transmission costs. Transpower's ancillary service charges and loss constraint excess payments are passed directly to electricity retailers.

#### UN-METERED CONSUMERS

Pricing plan	Previous line charge	Estimated number of consumers	New line charge
	Variable charge		Variable charge
	Uncontrolled 24UC (\$/kWh)		Uncontrolled 24UC (\$/kWh)
<b>W001, non street lighting &lt;1kVA</b>	0.1588	70	0.1685
<b>W002, street lighting &lt;1kVA</b>	0.1588	115	0.1685

#### DISTRIBUTION LOSSES

Loss factor code	Consumer's metering voltage	Distribution loss ratios with respect to the Injection Point meter	Distribution loss factors with respect to the ICP meter
<b>VECW1</b>	LV	5.64%	1.0598
<b>VECW2</b>	LV	4.04%	1.0421
<b>VECW3</b>	LV	4.04%	1.0421
<b>VECW4</b>	HV	2.45%	1.0251

**Note 1.** Pricing plan is linked to service area. Please refer to the UnitedNetworks Pricing Schedule (Module 15) for service area definition.

**Note 2.** Charge is applicable to demand measured from 0730 - 0930 and 1730 - 1930 on weekdays including public holidays.

**Note 3.** Charge is applicable for power factor <0.95 from 0700 - 2000 on weekdays where the kVAh charge amount represents twice the largest difference between the recorded kVAh and one third of the recorded kWh in any one half-hour period.

**Note 4.** Refer to 2008 Non standard pricing disclosure. Non standard pricing disclosures are available at [www.vector.co.nz](http://www.vector.co.nz)

**Note 5.** Refer to 2009 Non standard pricing disclosure. Non standard pricing disclosures are available at [www.vector.co.nz](http://www.vector.co.nz)



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