

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. 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)
W100, single meter uncontrolled	0.1500		0.1037		0.0186	16,600	0.1500		0.1106		0.0198
W101, dual meter controlled	0.1500		0.1037	0.0439	0.0186	200	0.1500		0.1106	0.0468	0.0198
W102, single meter controlled	0.1500	0.0797			0.0186	165,900	0.1500	0.0850			0.0198
W103, 3 phase	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)
WV02, low voltage connection, capacity ≤15kVA	0.4550	0.0575	10,400	0.4800	0.0610
WV07, low voltage connection, capacity >15kVA & ≤69kVA	1.2026	0.0474	10,500	1.2800	0.0503
WV14, low voltage connection, capacity >69kVA & ≤138kVA	5.3150	0.0463	600	5.6400	0.0491
WV30, low voltage connection, capacity >138kVA & ≤300kVA	9.8791	0.0201	150	10.4800	0.0213
WX02, transformer connection, capacity ≤15kVA	0.4136	0.0523	0	0.4400	0.0555
WX07, transformer connection, capacity >15kVA & ≤69kVA	1.0933	0.0431	5	1.1600	0.0457
WX14, transformer connection, capacity >69kVA & ≤138kVA	4.8318	0.0421	10	5.1300	0.0447
WX30, transformer connection, capacity >138kVA & ≤300kVA	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)
WV99, low voltage connection, capacity >300kVA	14.1513	0.0118	0.0049	5.0089	40	15.0200	0.0125	0.0052	5.3161
WX99, transformer connection, capacity >300kVA	12.8648	0.0107	0.0045	4.5535	160	13.6500	0.0114	0.0048	4.8327

LARGE INDUSTRIAL CONSUMERS

Pricing plan ¹	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 ² DOPC (\$/kW/month)	Power factor ³ PWRP (\$/kVA/month)		Connection CAPY (\$/kVA.day)	Uncontrolled 24UC (\$/kWh)	On peak demand ² DOPC (\$/kW)	Power factor ³ PWRP (\$/kVA)
WC60, >1500kVA in CBD/Industrial service area			9.8122		16			10.4239	
WU60, >1500kVA in Urban service area	0.0286	0.0012	10.1980	7.0000	8	0.0304	0.0013	10.8338	7.0000
WR60, >1500kVA in Rural service area			12.1628		4			12.9211	

NON-STANDARD CONSUMERS

Pricing plan	Previous line charge	Estimated number of consumers	New line charge
	Asset specific		Asset specific
60W	POA ⁴	7	POA ⁵

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)
W001, non street lighting <1kVA	0.1588	70	0.1685
W002, street lighting <1kVA	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
VECW1	LV	5.64%	1.0598
VECW2	LV	4.04%	1.0421
VECW3	LV	4.04%	1.0421
VECW4	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

Note 5. Refer to 2009 Non standard pricing disclosure. Non standard pricing disclosures are available at www.vector.co.nz



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