

ELECTRICITY LINE CHARGES

Effective 1 April 2008

Line charge changes

UnitedNetworks is introducing new electricity line charges to consumers in its Northern region, effective from 1 April 2008. The price change is in line with the current price thresholds regime set for UnitedNetworks by the Commerce Commission. The new charges include the normal pass through of transmission costs from Transpower, council rates and Electricity Commission levies. This year's prices also include rebalances based on a proposed administrative settlement between Vector and the Commerce Commission.

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 charges cover the delivery of your electricity including transmission charges from Transpower.

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 refers to the new pricing plan and is an estimate only. Asset specific pricing and contracted rates for affected consumers are available on request.

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 (\$/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)
W100, single meter uncontrolled	0.1500		0.0884		0.0159	11,700	0.1500		0.1037		0.0186
W101, dual meter controlled	0.1500		0.0884	0.0374	0.0159	0	0.1500		0.1037	0.0439	0.0186
W102, single meter controlled	0.1500	0.0680			0.0159	173,500	0.1500	0.0797			0.0186
W103, 3 phase residential	0.1500	0.0996				320	0.1500		0.1168		

COMMERCIAL CONSUMERS

Previous pricing plan	Customer's connection type	Previous line charges					New pricing plan	Estimated number of consumers	New line charges				
		Fixed charges		Variable charges					Fixed charge	Variable charge			
		Daily (\$/day)	Dedicated transformer charge (\$/day)	All inclusive AICO (\$/kWh)	Uncontrolled 24UC (\$/kWh)	Optional separate controlled meter CTRL (\$/kWh)					Daily FIXD (\$/day)	Uncontrolled 24UC (\$/kWh)	
08W, 1 phase temporary builders supply <60A	Low voltage	0.5029			0.0686		WV02, low voltage connection, capacity ≤15kVA	10,700	0.4550	0.0575			
W110, connection capacity <15kVA		0.2015		0.0576									
W120, connection capacity 15 - 70kVA		0.9582		0.0707									
23W, (closed) 0 - 41.4kVA		1.2222		0.0391		WV07, low voltage connection, capacity >15kVA & ≤69kVA					10,700	1.2026	0.0474
24W, (closed) 41.4 - 69kVA		4.3999		0.0440									
25W, >69kVA & ≤110.4kVA		15.4940		0.0154									
26W, >110.4kVA & ≤138kVA		22.3148		0.0141		WV14, low voltage connection, capacity >69kVA & ≤138kVA					660	5.3150	0.0463
W28, >138kVA & ≤300kVA		28.3297		0.0116	0.0081								
W29, =300kVA		27.6256		0.0116	0.0081								
08W, 1 phase temporary builders supply <60A	Transformer	0.5029			0.0686		WX02, transformer connection, capacity ≤15kVA	1	0.4136	0.0523			
W110, connection capacity <15kVA		0.2015		0.0576									
W120, connection capacity 15 - 70kVA		0.9582	8.3869	0.0707									
23W, (closed) 0 - 41.4kVA		1.2222		0.0391		WX07, transformer connection, capacity >15kVA & ≤69kVA					3	1.0933	0.0431
24W, (closed) 41.4 - 69kVA		4.3999		0.0440									
25W, >69kVA & ≤110.4kVA		15.4940	8.6439	0.0154									
26W, >110.4kVA & ≤138kVA		22.3148	8.6439	0.0141		WX14, transformer connection, capacity >69kVA & ≤138kVA					6	4.8318	0.0421
W28, >138kVA & ≤300kVA		28.3297	5.8722	0.0116	0.0081								
W29, =300kVA		27.6256	7.2452	0.0116	0.0081								
						WX30, transformer connection, capacity >138kVA & ≤300kVA	75	8.9810	0.0183				

INDUSTRIAL CONSUMERS

Previous pricing plan ¹	Previous line charges				New pricing plan ¹	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)	TAIC (\$/kWh)	On peak demand ² DI (\$/kW/month)	Power factor ³ KVAR (\$/kVar/month)			Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	On peak demand ² DOPC (\$/kW/month)	Power factor ³ PWRP (\$/kVar/month)
WLC60, >1500kVA in CBD/Industrial service area	0.0257	0.0011	8.8023	7.0000	WC60, >1500kVA in CBD/Industrial service area	15	0.0286	0.0012	9.8122	
WLU60, >1500kVA in Urban service area			9.1484		WU60, >1500kVA in Urban service area				8	10.1980
WLR60, >1500kVA in Rural service area			10.911		WR60, >1500kVA in Rural service area				4	12.1628

INDUSTRIAL CONSUMERS

Previous pricing plan	Previous line charges		New pricing plan	Estimated number of consumers	New line charges			
	Asset specific	Reactive charge			Fixed charge	Capacity charge	Variable charge	Demand charge
		Power factor KVAR (\$/kVar/month)						
40W, TOU	POA ⁴	7.0000	WV99, low voltage connection, capacity >300kVA	100	14.1513	0.0118	0.0049	5.0089
			WX99, transformer connection, capacity >300kVA	210	12.8648	0.0107	0.0045	4.5535

INDUSTRIAL CONSUMERS

Pricing plan	Previous line charge	Estimated number of consumers	New line charge
	Customer specific		Customer specific
60W	POA ⁴	3	POA ⁵

TRANSMISSION COMPONENT

The transmission component equates to an average percentage of the standard line charges listed above as follows: Northern 23%. 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

Previous pricing plan	Previous line charge	New pricing plan	Estimated number of consumers	New line charge
	Variable charge			Variable charge
	Uncontrolled 24UC (\$/kWh)			Uncontrolled 24UC (\$/kWh)
W01, non street lighting <5kVA	0.1338	W001, non street lighting <1kVA	30	0.1588
W02, street lighting <5kVA	0.1338	W002, street lighting <1kVA	120	0.1588

DISTRIBUTION LOSSES

Loss factor code	Consumer's metering voltage	Previous losses		New losses	
		Distribution loss ratios with respect to the Injection Point meter	Distribution loss factors with respect to the ICP meter	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	5.64%	1.0598
VECW2	LV	4.04%	1.0421	4.04%	1.0421
VECW3	LV	4.04%	1.0421	4.04%	1.0421
VECW4	HV	2.45%	1.0251	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 kVar charge amount represents twice the largest difference between the recorded kVarh and one third of the recorded kWh in any one half-hour period.
- Note 4.** Refer to 2007 Non standard pricing disclosure. Non standard pricing disclosures are available at www.vector.co.nz
- Note 5.** Refer to 2008 Non standard pricing disclosure. Non standard pricing disclosures are available at www.vector.co.nz



UnitedNetworks
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