

ELECTRICITY LINE CHARGES Effective 1 April 2006

Line charge changes

UnitedNetworks is introducing new electricity charges to customers in its Wellington region, effective from 1 April 2006.

The price change is in line with the current price thresholds regime set for UnitedNetworks by the Commerce Commission. The new charges include a direct pass-through of increased transmission costs by national grid operator, Transpower, changes in council rates and Electricity Commission levies.

Who is UnitedNetworks?

UnitedNetworks is responsible for the design, development and maintenance of the electricity lines network that delivers power to homes and businesses in Wellington City, Porirua City, Hutt City and Upper Hutt City.

UnitedNetworks' electricity lines charges are a component of the electricity account you receive from your electricity retailer. This line charge equates to, on average, around 35% of your total electricity bill and covers the delivery of your electricity including transmission charges from Transpower, as well as upgrades and maintenance of the network.

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. Line charges are quoted including the transmission component. Asset specific pricing and contracted rates for affected customers are available on request.

WELLINGTON REGION

Points of supply: Central Park, Gracefield, Haywards, Kaiwharawhara, Melling, Pauatahanui, Takapu Road, Upper Hutt, Wilton

RESIDENTIAL CUSTOMERS

Pricing plan	Previous line charges				Estimated number of consumers	New line charges			
	Fixed charge (cents/day)	Variable charges (cents/kWh)				Fixed charge (cents/day)	Variable charges (cents/kWh)		
		All inclusive variable charge	Separate controlled meter variable charge	Dedicated night meter variable charge			All inclusive variable charge	Separate controlled meter variable charge	Dedicated night meter variable charge
Controlled	15.00	5.91		1.37	134,805	15.00	6.53		1.41
Uncontrolled	15.00	7.06	4.18	1.37	8,001	15.00	8.29	3.89	1.41
Three phase	15.00	8.06			63	15.00	9.29		

SMALL COMMERCIAL CUSTOMERS

Pricing plan	Previous line charges		Estimated number of consumers	New line charges	
	Fixed charge (cents/day)	Variable charge (cents/kWh)		Fixed charge (cents/day)	Variable charge (cents/kWh)
Connection capacity, less than 15 kVA	20.04	5.81	3,569	24.04	6.38
Connection capacity, 15 - 70 kVA	97.88	7.07	11,480	101.30	6.97
Temporary builder's supply, single phase < 60A	50.00	7.06	470	54.85	7.26

MEDIUM AND LARGE COMMERCIAL CUSTOMERS AND SMALL INDUSTRIAL CUSTOMERS

Pricing plan	Previous line charges							Estimated number of consumers	New line charges						
	Fixed charges				Variable charges (cents/kWh)				Fixed charges				Variable charges (cents/kWh)		
	Line charge	Transformer charge	Capacity based variable tariffs (AIC)	Monthly max demand variable tariffs (AMD)	Monthly CMD based variable tariffs (Workdays: 8am-10am & 5.30pm-7pm)	Meter without control	One or two meter option		Line charge	Transformer charge	Capacity based variable tariffs (AIC)	Monthly max demand variable tariffs (AMD)	Monthly CMD based variable tariffs (Workdays: 8am-10am & 5.30pm-7pm)	Single meter option	One or two meter option
(\$/day)	(\$/day)	(\$/kVA/month)	(\$/kVA/month)	(\$/kVA/month)	24UC	NIGHT (11pm-7am)	(\$/day)	(\$/day)	(\$/kVA/month)	(\$/kVA/month)	(\$/kVA/month)	AICO	NIGHT (11pm-7am)		
3ø, > 100A & ≤ 200A	9.7910					4.11	1.37	294	10.1043					4.23	1.41
3ø, > 200A & < 300 kVA	25.5106	7.5000				3.60		97	26.2719	8.5777				3.70	
3ø, = 300 kVA	30.6127	9.2500				3.60		6	31.5194	10.5833				3.70	
3ø, 11kV, 415V metered sharing transformer				10.8465	4.1128			321	0.0342			11.1556	4.2300		
3ø, 11kV, 415V metered dedicated transformer			0.6319	9.6966	4.1128			236	0.0342	0.6499	9.9730	4.2300			
3ø, 11kV, 11kV metered dedicated transformer			0.6319	9.3858	4.0610			14	0.0342	0.6499	9.6533	4.1767			
3ø, > 1000 kVA, 415V metered dedicated transformer			0.5283	9.0129	4.1128			16	0.0342	0.5434	9.2698	4.2300			
3ø, > 1000 kVA, 11kV metered dedicated transformer			0.5283	8.8161	4.0610			3	0.0342	0.5434	9.0674	4.1767			

LARGE INDUSTRIAL CUSTOMERS (GLI60)

Pricing plan ¹	Previous line charges		Estimated number of consumers	Pricing Plan ¹	New line charges						
	Asset specific				Connection charge	On-peak demand charge (\$/kW/month)			Service charge	Power factor charge ³	
						All capacity	Monthly kW based demand charge ² (7.30am - 9.30am and 5.30pm - 7.30pm on weekdays, including public holidays) Linked to service area				
							(cents/kVA/day)	CBD and Industrial			Urban
Large, 3ø, > 1,500 kVA, TOU meter, Group 60	POA ²	24	≤ 50 kVA	5.76	9.46	9.85	11.87	0.105	7.00		
			51 - 100 kVA	4.68							
			101 - 150 kVA	3.99							
			151 - 200 kVA	3.86							
			201 - 250 kVA	3.44							
			251 - 300 kVA	3.17							
			301 - 450 kVA	2.80							
			451 - 500 kVA	2.79							
			501 - 750 kVA	2.51							
			> 750 kVA	2.38							
			HV	2.15							

Note 1. Pricing plan is linked to connection capacity and service area. Please refer to the full UnitedNetworks Pricing Schedule for service area definitions.

Note 2. Refer to 2005 Non standard pricing disclosure. Non standard pricing disclosures are available at www.vectornetworks.co.nz

Note 3. The kVAr amount represents twice the largest difference between the kVAh amount recorded in any one half-hour period and one third of the kWh demand recorded in the same half-hour period.

LARGE INDUSTRIAL CUSTOMERS

Pricing plan	Previous line charges		Estimated number of consumers	New line charges	
	Customer specific			Customer specific	
G60 - G6010	POA ²		23	POA ⁴	

Note 4. Refer to 2006 Non standard pricing disclosure. Non standard pricing disclosures are available at www.vectornetworks.co.nz

UNMETERED CUSTOMERS

Pricing plan	Previous line charges		Estimated number of consumers	New line charges	
	Fixed charge (cents/day)	Variable charge (cents/kWh)		Fixed charge (cents/day)	Variable charge (cents/kWh)
Non street lighting, < 5 kVA	3.33	13.13	76	3.42	13.50
Street lighting, < 5 kVA	3.33	13.13	76	3.42	13.50

COUNCIL UTILITY CHARGE⁵

Pricing plan	Previous line charges		Estimated number of consumers and points of connection	New line charges	
	Fixed charge (cents/network connection/day)			Fixed charge (cents/network connection/day)	
Council utility charge	3.33		203,900	3.42	

Note 5. Incorporated in the daily fixed charge for all points of connection for new line charges.

TRANSMISSION COMPONENT

The transmission component equates to an average percentage of the standard line charges listed above as follows: Wellington 26%. This component includes recovery of Transpower's connection, interconnection and new investment charges, and avoided transmission costs. Transpower's ancillary service charges and loss rental rebates are passed on transparently to electricity retailers.

DISTRIBUTION LOSS

Loss factor code	Customers 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
VECG1	LV	5.88%	1.0625	5.01%	1.0527
VECG2	LV	2.72%	1.0280	2.72%	1.0280
VECG3	LV	2.72%	1.0280	2.72%	1.0280
VECG4	HV	1.44%	1.0146	1.42%	1.0144



UnitedNetworks
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