

# ELECTRICITY LINE CHARGES Effective 1 April 2007

## Line charge changes

UnitedNetworks is introducing new electricity charges to consumers in its Northern region, effective from 1 April 2007.

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 accepted in principle by the Commerce Commission last year.

## 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 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. This line charge covers 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). 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

Points of supply: Albany, Henderson, Hepburn Road, Silverdale, Wellsford

RESIDENTIAL CONSUMERS												
Previous pricing plan	Previous line charges					New pricing plan	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 (\$/day)	All inclusive AICO (\$/kWh)	Uncontrolled 24UC (\$/kWh)
<b>W101, uncontrolled</b>	0.1500		0.0785		0.0141	<b>W100, single meter uncontrolled</b>	6,259	0.1500		0.0884		0.0159
<b>W101, uncontrolled</b>	0.1500		0.0785	0.0332	0.0141	<b>W101, dual meter controlled</b>		0.1500		0.0884	0.0374	0.0159
<b>W102, controlled</b>	0.1500	0.0604			0.0141	<b>W102, single meter controlled</b>		172,434	0.1500	0.0680		
<b>W103, 3 phase residential</b>	0.1500	0.0885				<b>W103, 3 phase residential</b>	291	0.1500	0.0996			

COMMERCIAL CONSUMERS											
Previous pricing plan	Previous line charges				New pricing plan	Estimated number of consumers	New line charges				
	Fixed charges		Variable charges				Fixed charges		Variable charges		
	Daily (\$/day)	Optional transformer (\$/day)	All inclusive AICO (\$/kWh)	Uncontrolled 24UC (\$/kWh)			Daily (\$/day)	Optional transformer TRAN (\$/day)	All inclusive AICO (\$/kWh)	Uncontrolled 24UC (\$/kWh)	
<b>W110, connection capacity &lt;15kVA</b>		0.2061		0.0589	<b>W110, connection capacity &lt;15kVA</b>	8,926	0.2015			0.0576	
<b>W120, connection capacity 15 - 70kVA</b>		0.9800	8.5777	0.0723	<b>W120, connection capacity ≥15kVA &amp; ≤69kVA</b>	3,283	0.9582	8.3869		0.0707	
<b>08W, 1 phase temporary builders supply &lt;60A</b>		0.5143			0.0702	<b>08W, 1 phase temporary builders supply &lt;60A</b>	1,413	0.5029			0.0686

COMMERCIAL CONSUMERS													
Previous pricing plan	Previous line charges					New pricing plan	Estimated number of consumers	New line charges					
	Fixed charges		Variable charges					Fixed charges		Variable charges			
	Daily (\$/day)	Optional transformer (\$/day)	All inclusive AICO (\$/kWh)	Uncontrolled 24UC (\$/kWh)	Optional separate controlled meter CTRL (\$/kWh)			Daily (\$/day)	Optional transformer TRAN (\$/day)	All inclusive TAIC (\$/kWh)	Uncontrolled 24UC (\$/kWh)	Optional separate controlled meter CTRL (\$/kWh)	
<b>23W, (closed) 0 - 41.4kVA</b>	1.2500			0.0400		<b>23W, (closed) ≤41.4kVA</b>	6,607	1.2222			0.0391		
<b>24W, (closed) 41.4 - 69kVA</b>	4.5000			0.0450		<b>24W, (closed) &gt;41.4kVA &amp; ≤69kVA</b>	468	4.3999			0.0440		
<b>25W, &gt;69kVA &amp; ≤110.4kVA</b>	15.3753	8.5777		0.0153		<b>25W, &gt;69kVA &amp; ≤110.4kVA</b>	347	15.4940	8.6439		0.0154		
<b>26W, &gt;110.4kVA &amp; ≤138kVA</b>	22.1438	8.5777		0.0140		<b>26W, &gt;110.4kVA &amp; ≤138kVA</b>	286	22.3148	8.6439		0.0141		
<b>W28, &gt;138kVA &amp; ≤300kVA</b>	41.3820	8.5777			0.0170	0.0118	<b>W28, &gt;138kVA &amp; &lt;300kVA</b>	126	28.3297	5.8722		0.0116	0.0081
<b>W29, =300kVA</b>	40.3535	10.5833			0.0170	0.0118	<b>W29, 300kVA</b>	33	27.6256	7.2452		0.0116	0.0081

INDUSTRIAL CONSUMERS													
Previous pricing plan <sup>1</sup>	Previous line charges					New pricing plan <sup>1</sup>	Estimated number of consumers	New line charges					
	Capacity charges		Variable charge	Demand charge	Reactive charge			Capacity charge	Variable charge	Demand charge	Reactive charge		
	HV connection (\$/kVA/day)	TX connection (\$/kVA/day)	TAIC (\$/kWh)	On peak demand <sup>2</sup> DI (\$/kW/month)	Power factor <sup>3</sup> KVAR (\$/kVar/month)			Connection CAPY (\$/kVA/day)	TAIC (\$/kWh)	On peak demand <sup>2</sup> DI (\$/kW/month)	Power factor <sup>3</sup> KVAR (\$/kVar/month)		
<b>WLI60 (CBD/Industrial service area)</b>					8.1400	<b>WLC60, &gt;1,500kVA in CBD/Industrial service area</b>	13				8.8023		
<b>WLI60 (Urban service area)</b>					8.4600	7.0000	<b>WLU60, &gt;1,500kVA in Urban service area</b>	8	0.0257	0.0011		9.1484	7.0000
<b>WLI60 (Rural service area)</b>					10.0900		<b>WLR60, &gt;1,500kVA in Rural service area</b>	4				10.9110	

INDUSTRIAL CONSUMERS					
Pricing plan	Previous line charges		Estimated number of consumers	New line charges	
	Asset specific	Reactive charge		Asset specific	Reactive charge
		Power factor KVAR (\$/kVar/month)			Power factor KVAR (\$/kVar/month)
<b>40W, TOU</b>	POA <sup>4</sup>	7.0000	304	POA <sup>5</sup>	7.0000

INDUSTRIAL CONSUMERS			
Pricing plan	Previous line charges		Estimated number of consumers
	Asset specific		
<b>60W</b>	POA <sup>4</sup>		3

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
<b>VECW1</b>	LV	5.64%	1.0598	5.64%	1.0598
<b>VECW2</b>	LV	4.04%	1.0421	4.04%	1.0421
<b>VECW3</b>	LV	4.04%	1.0421	4.04%	1.0421
<b>VECW4</b>	HV	2.45%	1.0251	2.45%	1.0251

UN-METERED CONSUMERS			
Pricing plan	Previous line charges		Estimated number of consumers
	Variable charge		
	Uncontrolled 24UC (\$/kWh)		
<b>W01, non street lighting &lt;5kVA</b>	0.1019		30
<b>W02, street lighting &lt;5kVA</b>	0.1019		116

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.	

**Note 1.** Pricing plan is linked to service area. Please refer to the UnitedNetworks Pricing Schedule (Module 15) for service area definitions.  
**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 2006 Non standard pricing disclosure. Non standard pricing disclosures are available at [www.vector.co.nz](http://www.vector.co.nz)  
**Note 5.** Refer to 2007 Non standard pricing disclosure. Non standard pricing disclosures are available at [www.vector.co.nz](http://www.vector.co.nz)

