

# ELECTRICITY LINE CHARGES

Effective from 1 April 2009

## Who is Vector?

Vector is responsible for the design, development and maintenance of the electricity lines network that delivers power to homes and businesses in Auckland City, Manukau City and parts of the Papakura District.

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

## Line charge changes

Vector has increased prices in its Auckland region from 1 April 2009 by approximately 5% 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. Copies of the revised price schedules and criteria are available for viewing at our office at 101 Carlton Gore Road, Newmarket, Auckland or at [www.vector.co.nz](http://www.vector.co.nz)

## Disclosure pursuant to Electricity Information Disclosure Requirements 2004

All charges are exclusive of GST and are subject to a 10% discount if paid by the due date. Line charges are quoted including the transmission component. Estimated number of customers is as at 1 October 2008.

## AUCKLAND REGION

### RESIDENTIAL CUSTOMERS

Pricing plan	Previous line charges					Estimated number of customers	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)
<b>A100, single meter uncontrolled</b>	0.1667		0.0941		0.0208	45,400	0.1667		0.0997		0.0220
<b>A101, dual meter controlled</b>	0.1667		0.0941	0.0602	0.0208	10	0.1667		0.0997	0.0637	0.0220
<b>A102, single meter controlled</b>	0.1667	0.0806			0.0208	224,100	0.1667	0.0853			0.0220
<b>A103, 3 phase</b>	0.1667	0.0957				260	0.1667	0.1013			

### BUSINESS CUSTOMERS

Pricing plan	Previous line charges		Estimated number of customers	New line charges	
	Fixed charge	Variable charge		Fixed charge	Variable charge
	Daily FIXD (\$/day)	Uncontrolled 24UC (\$/kWh)		Daily FIXD (\$/day)	Uncontrolled 24UC (\$/kWh)
<b>A110, capacity ≤15kVA</b>	0.2652	0.0749	13,600	0.2778	0.0789
<b>A120, capacity &gt;15kVA and ≤69kVA</b>	0.8260	0.0657	18,800	0.8667	0.0692

### UN-METERED CUSTOMERS

Pricing plan	Previous line charges		Estimated number of customers	New line charges
	Fixed charge			Fixed charge
	Daily FIXD (\$/day)			Daily FIXD (\$/day)
<b>A003, &lt;1kVA</b>	0.1997		1,170	0.2104

### TRANSFORMER CONNECTION CUSTOMERS

Pricing plan	Previous line charges								Estimated number of customers	New line charges							
	Fixed charge		Variable charges				Demand charge			Fixed charge		Variable charges				Demand charge	
	Daily FIXD (\$/day)	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Summer Day <sup>1</sup> SMDY (\$/kWh)	Summer Night <sup>1</sup> SMNT (\$/kWh)	Winter Day <sup>1</sup> WNDY (\$/kWh)	Winter Night <sup>1</sup> WNNT (\$/kWh)	Demand DAMD (\$/kVA/day)		Daily FIXD (\$/day)	Connection CAPY (\$/kVA.day)	Uncontrolled 24UC (\$/kWh)	Summer Day <sup>1</sup> SMDY (\$/kWh)	Summer Night <sup>1</sup> SMNT (\$/kWh)	Winter Day <sup>1</sup> WNDY (\$/kWh)	Winter Night <sup>1</sup> WNNT (\$/kWh)	Demand DAMD (\$/kVA.day)
<b>AX14, capacity &gt;69kVA and ≤138kVA</b>	2.8062	0.0281	0.0601						30	2.9556	0.0297	0.0632					
<b>AX30, capacity &gt;138kVA and ≤300kVA</b>	3.5355	0.0222	0.0680						90	3.7222	0.0233	0.0717					
<b>AX99, capacity &gt;300kVA</b>	2.6184	0.0209		0.0107	0.0018	0.0294	0.0018	0.2056	750	2.7556	0.0221		0.0112	0.0019	0.0310	0.0019	0.2166

### LOW VOLTAGE CONNECTION CUSTOMERS

Pricing plan	Previous line charges							Estimated number of customers	New line charges							
	Capacity charge	Variable charges				Demand charge			Capacity charge	Variable charges				Demand charge		
	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Summer Day <sup>1</sup> SMDY (\$/kWh)	Summer Night <sup>1</sup> SMNT (\$/kWh)	Winter Day <sup>1</sup> WNDY (\$/kWh)	Winter Night <sup>1</sup> WNNT (\$/kWh)	Demand DAMD (\$/kVA/day)		Connection CAPY (\$/kVA.day)	Uncontrolled 24UC (\$/kWh)	Summer Day <sup>1</sup> SMDY (\$/kWh)	Summer Night <sup>1</sup> SMNT (\$/kWh)	Winter Day <sup>1</sup> WNDY (\$/kWh)	Winter Night <sup>1</sup> WNNT (\$/kWh)	Demand DAMD (\$/kVA.day)	
<b>AV14, capacity &gt;69kVA and ≤138kVA</b>	0.0336	0.0689						1,100	0.0353	0.0726						
<b>AV30, capacity &gt;138kVA and ≤300kVA</b>	0.0244	0.0501						340	0.0257	0.0528						
<b>AV99, capacity &gt;300kVA</b>	0.0255		0.0107	0.0018	0.0294	0.0018	0.2056	1,500	0.0268		0.0112	0.0019	0.0310	0.0019		0.2166

### HIGH VOLTAGE CONNECTION CUSTOMERS

Pricing plan <sup>2</sup>	Previous line charges					Estimated number of customers	New line charges						
	Capacity charge	Variable charge		Demand charges			Reactive charge	Capacity charge	Variable charge		Demand charges		Reactive charge
	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	On peak demand <sup>3</sup> DOPC (\$/kWh/month)	Excess demand <sup>4</sup> DEXA (\$/kVA/day)	Power factor <sup>5</sup> PWRF (\$/kVA/month)		Connection CAPY (\$/kVA.day)	Uncontrolled 24UC (\$/kWh)	On peak demand <sup>3</sup> DOPC (\$/kWh)	Excess demand <sup>4</sup> DEXA (\$/kVA.day)	Power factor <sup>5</sup> PWRF (\$/kVA)		
<b>AC60, CBD/Industrial service area</b>			15.2568			80			16.1893				
<b>AU60, Urban service area</b>	0.0298	0.0015	15.8115	0.4417	7.7778	30	0.0316	0.0017	16.7780	0.4687	7.7778		
<b>AR60, Rural service area</b>			19.2789			1			20.4574				

### DISTRIBUTION LOSSES

Loss factor code	Customer's metering voltage	Customer's connection type	Distribution loss ratios with respect to the Injection Point meter	Distribution loss factors with respect to the ICP meter
<b>VECA1</b>	LV	Low voltage single phase	4.94%	1.0520
<b>VECA2</b>	LV	Low voltage three phase	4.94%	1.0520
<b>VECA3</b>	LV	Transformer and High voltage	3.29%	1.0340
<b>VECA4</b>	HV	Transformer and High voltage	1.77%	1.0180

### NON STANDARD CUSTOMERS

Pricing plan	Previous line charge	Estimated number of customers	New line charge
	Customer specific		Customer specific
<b>99001 - 99026</b>	POA <sup>6</sup>		POA <sup>7</sup>
	21		

### TRANSMISSION COMPONENT

The transmission component equates to an average percentage of the standard line charges listed above as follows: Auckland 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.** Summer dates are 1 October - 30 April, Winter dates are 1 May - 30 September, Day time is 0700 - 2200, Night time is 2200 - 0700.

**Note 2.** Pricing plan is linked to service area. Please refer to [www.vectorelectricity.co.nz](http://www.vectorelectricity.co.nz) for service area definitions.

**Note 3.** Charge is applicable to demand measured from 0730 - 0930 and 1730 - 1930 on weekdays including public holidays.

**Note 4.** Applies to consumers who nominate their connection capacity. Please refer to [www.vectorelectricity.co.nz](http://www.vectorelectricity.co.nz) for details.

**Note 5.** Charge is applicable for power factor <0.95 from 0700 - 2000 on weekdays including public holidays, where the kVA 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 6.** Refer to 2008 Non standard pricing disclosure. Non standard pricing disclosures are available at [www.vector.co.nz](http://www.vector.co.nz)

**Note 7.** Refer to 2009 Non standard pricing disclosure. Non standard pricing disclosures are available at [www.vector.co.nz](http://www.vector.co.nz)

