

# ELECTRICITY LINE CHARGES

Effective 1 April 2008

## Line charge changes

Vector is introducing new electricity line charges to customers in its Auckland region, effective from 1 April 2008.

The price change is in line with the current price thresholds regime set for Vector 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 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 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 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 refers to the new pricing plan and is an estimate only.

## 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)	Separate controlled meter CTRL (\$/kWh)	Optional dedicated night meter NITE (\$/kWh)
<b>A100, single meter uncontrolled</b>	0.1472		0.0803		0.0178	43,600	0.1667		0.0941	0.0208	
<b>A101, dual meter controlled</b>	0.1472		0.0803	0.0513	0.0178	0	0.1667		0.0941	0.0208	
<b>A102, single meter controlled</b>	0.1472	0.0688			0.0178	237,100	0.1667	0.0806		0.0208	
<b>A103, 3 phase residential</b>	0.1667	0.0933				180	0.1667	0.0957			

## BUSINESS CUSTOMERS

Previous pricing plan	Previous line charges		New pricing plan	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>A008, 1 phase temporary builders supply &lt;60A</b>	0.5313	0.0601	<b>A110, connection capacity ≤15kVA</b>	16,300	0.2652	0.0749
<b>A110, connection capacity &lt;15kVA</b>	0.2591	0.0732			0.2652	0.0749
<b>A120, connection capacity 15 - 69kVA</b>	0.8071	0.0642			<b>A120, connection capacity &gt;15kVA and ≤69kVA</b>	19,500

## 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>	0.1411	1,250	0.1997

## TRANSFORMER CONNECTION CUSTOMERS

Previous pricing plan	Previous line charges								New pricing plan	Estimated number of customers	New line charges							
	Fixed charge	Capacity charge	Variable charges				Demand charge				Fixed charge	Capacity 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, non TOU 70 - 138kVA</b>	2.7778	0.0278	0.0594						<b>AX14, non TOU &gt;69kVA and ≤138kVA</b>	35	2.8062	0.0281	0.0601					
<b>AX30, non TOU 139 - 300kVA</b>	3.5444	0.0222	0.0682						<b>AX30, non TOU &gt;138kVA and ≤300kVA</b>	110	3.5355	0.0222	0.0680					
<b>AX99, TOU &gt;300kVA</b>	2.7778	0.0222		0.0113	0.0019	0.0312	0.0019	0.2181	<b>AX99, TOU &gt;300kVA</b>	770	2.6184	0.0209		0.0107	0.0018	0.0294	0.0018	0.2056

## LOW VOLTAGE CONNECTION CUSTOMERS

Previous pricing plan	Previous line charges							New pricing plan	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, non TOU 70 - 138kVA</b>	0.0332	0.0682						<b>AV14, non TOU &gt;69kVA and ≤138kVA</b>	1,350	0.0336	0.0689					
<b>AV30, non TOU 139 - 300kVA</b>	0.0244	0.0502						<b>AV30, non TOU &gt;138kVA and ≤300kVA</b>	430	0.0244	0.0501					
<b>AV99, TOU &gt;300kVA</b>	0.0270		0.0113	0.0019	0.0312	0.0019	0.2181	<b>AV99, TOU &gt;300kVA</b>	1,400	0.0255		0.0107	0.0018	0.0294	0.0018	0.2056

## 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 (\$/kW/month)	Excess demand <sup>4</sup> DEXA (\$/kVA/day)	Power factor <sup>5</sup> PWRF (\$/kVAr/month)		Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	On peak demand <sup>3</sup> DOPC (\$/kW/month)	Excess demand <sup>4</sup> DEXA (\$/kVA/day)	Power factor <sup>5</sup> PWRF (\$/kVAr/month)
<b>AC60, CBD/Industrial service area</b>			14.6796			90			15.2568		
<b>AU60, Urban service area</b>	0.0287	0.0014	15.2133	0.4250	7.7778	35	0.0298	0.0015	15.8115	0.4417	7.7778
<b>AR60, Rural service area</b>			18.5496			1			19.2789		

## DISTRIBUTION LOSSES

Loss factor code	Customer's metering voltage	Customer's connection type	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>VECA1</b>	LV	Low voltage single phase	4.94%	1.0520	4.94%	1.0520
<b>VECA2</b>	LV	Low voltage three phase	4.94%	1.0520	4.94%	1.0520
<b>VECA3</b>	LV	Transformer and High voltage	3.29%	1.0340	3.29%	1.0340
<b>VECA4</b>	HV	Transformer and High voltage	1.77%	1.0180	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 - 99018</b>	POA <sup>6</sup>	32	POA <sup>7</sup>

## TRANSMISSION COMPONENT

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

**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 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 6.** Refer to 2007 Non standard pricing disclosure. Non standard pricing disclosures are available at [www.vector.co.nz](http://www.vector.co.nz)

**Note 7.** Refer to 2008 Non standard pricing disclosure. Non standard pricing disclosures are available at [www.vector.co.nz](http://www.vector.co.nz)

