

ELECTRICITY LINE CHARGES Effective 1 April 2007

Line charge changes

Vector is introducing new electricity charges to customers in its Auckland region, effective from 1 April 2007.

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 accepted in principle by the Commerce Commission last year.

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. 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 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

Points of supply: Hepburn Road, Mangere, Otahuhu, Pakuranga, Penrose, Mount Roskill, Takanini, Wiri

RESIDENTIAL CUSTOMERS

Previous pricing plan	Previous line charges					New pricing plan	Estimated number of customers	New line charges				
	Fixed charge (\$/day)	Variable charges						Daily FIXD (\$/day)	Variable charges			
		All inclusive (\$/kWh)	Uncontrolled (\$/kWh)	Separate controlled meter (\$/kWh)	Optional dedicated night meter (\$/kWh)				All inclusive AICO (\$/kWh)	Uncontrolled 24UC (\$/kWh)	Separate controlled meter CTRL (\$/kWh)	Optional dedicated night meter NITE (\$/kWh)
251, uncontrolled	0.1278		0.0710		0.0157	A100, single meter uncontrolled	39,373	0.1472		0.0803		0.0178
251, uncontrolled	0.1278		0.0710	0.0453	0.0157	A101, dual meter controlled		0.1472		0.0803	0.0513	0.0178
252, controlled	0.1278	0.0608			0.0157	A102, single meter controlled	229,807	0.1472	0.0688			0.0178
261, 3 phase residential	0.1667	0.0837				A103, 3 phase residential	161	0.1667	0.0933			

BUSINESS CUSTOMERS

Previous pricing plan	Previous line charges		New pricing plan	Estimated number of customers	New line charges	
	Fixed charge (\$/day)	Variable charge (\$/kWh)			Fixed charge (\$/day)	Variable charge (\$/kWh)
	201, connection capacity <15kVA	0.2290			0.0647	A110, connection capacity <15kVA
202, connection capacity 15 - 70kVA	0.8680	0.0691	A120, connection capacity 15 - 69kVA	18,669	0.8071	0.0642
222, 1 phase temporary builders supply <60A	0.5714	0.0647	A008, 1 phase temporary builders supply <60A	1,084	0.5313	0.0601

UN-METERED CONSUMERS

Previous pricing plan	Previous line charges		New pricing plan	Estimated number of customers	New line charges
	Fixed charge (\$/day)				Fixed charge (\$/day)
	3, connection capacity <1kVA	0.1350			

TRANSFORMER CONNECTION CUSTOMERS

Previous pricing plan	Previous line charges									New pricing plan	Estimated number of customers	New line charges							
	Capacity charges		Variable charges					Demand charges				Daily FIXD (\$/day)	Connection CAPY (\$/kVA/day)	Variable charges					Demand DAMD (\$/kVA/day)
	Capacity up to the first 1,000kVA (\$/kVA/day)	Remainder capacity above 1,000kVA (\$/kVA/day)	Uncontrolled (\$/kWh)	Summer Day ¹ (\$/kWh)	Summer Night ¹ (\$/kWh)	Winter Day ¹ (\$/kWh)	Winter Night ¹ (\$/kWh)	Demand up to the first 1,000kVA (\$/kVA/day)	Remainder demand above 1,000kVA (\$/kVA/day)					Uncontrolled 24UC (\$/kWh)	Summer Day ¹ SMDY (\$/kWh)	Summer Night ¹ SMNT (\$/kWh)	Winter Day ¹ WNDY (\$/kWh)	Winter Night ¹ WNNT (\$/kWh)	
	301N, non TOU ≤50 kVA	0.0640													A110 or A120 (based on capacity)		Please refer to Business Customers pricing plans above for new line charges.		
302N, non TOU 51 - 100kVA	0.0520									AX14, non TOU 70 - 138kVA	37	2.7778	0.0278	0.0594					
303N, non TOU 101 - 150kVA	0.0443																		
304N, non TOU 151 - 200kVA	0.0429																		
305N, non TOU 201 - 250kVA	0.0382																		
306N, non TOU 251 - 300kVA	0.0352																		
307N, non TOU 301 - 450kVA	0.0311																		
308N, non TOU 451 - 500kVA	0.0310																		
309N, non TOU 501 - 750kVA	0.0279																		
301T, TOU ≤50kVA	0.0640																		
302T, TOU 51 - 100kVA	0.0520																		
303T, TOU 101 - 150kVA	0.0443																		
304T, TOU 151 - 200kVA	0.0429																		
305T, TOU 201 - 250kVA	0.0382			0.0131	0.0022	0.0360	0.0022	0.2514	0.1203	AX99, TOU >300kVA	734	2.7778	0.0222	0.0682	0.0113	0.0019	0.0312	0.0019	0.2181
306T, TOU 251 - 300kVA	0.0352																		
307T, TOU 301 - 450kVA	0.0311																		
308T, TOU 451 - 500kVA	0.0310																		
309T, TOU 501 - 750kVA	0.0279																		
310T, TOU >750kVA	0.0264	0.0264																	

LOW VOLTAGE CONNECTION CUSTOMERS

Previous pricing plan	Previous line charges									New pricing plan	Estimated number of customers	New line charges							
	Capacity charges		Variable charges					Demand charges				Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Variable charges					Demand DAMD (\$/kVA/day)
	Capacity up to the first 1,000kVA (\$/kVA/day)	Remainder capacity above 1,000kVA (\$/kVA/day)	Uncontrolled (\$/kWh)	Summer Day ¹ (\$/kWh)	Summer Night ¹ (\$/kWh)	Winter Day ¹ (\$/kWh)	Winter Night ¹ (\$/kWh)	Demand up to the first 1,000kVA (\$/kVA/day)	Remainder demand above 1,000kVA (\$/kVA/day)					Summer Day ¹ SMDY (\$/kWh)	Summer Night ¹ SMNT (\$/kWh)	Winter Day ¹ WNDY (\$/kWh)	Winter Night ¹ WNNT (\$/kWh)		
	7, 8, non TOU 70.1 - 140kVA			0.0639											AV14, non TOU 70 - 138kVA	1,093	0.0332	0.0682	
9, 10, non TOU 140.1 - 220kVA										AV30, non TOU 139 - 300kVA	336	0.0244	0.0502						
36, 16, 17, 18, 19, TOU Zone 1	0.0311	0.0266							0.1203										
37, 16, 17, 18, 19, TOU Zone 2		0.0290		0.0131	0.0022	0.0360	0.0022	0.2514	0.1846	AV99, TOU >300kVA	1,572	0.0270		0.0113	0.0019	0.0312	0.0019	0.2181	
38, 16, 17, 18, 19, TOU Zone 3		0.0311							0.2297										

HIGH VOLTAGE CONNECTION CUSTOMERS

Previous pricing plan ²	Previous line charges					New pricing plan ²	Estimated number of customers	New line charges					
	Capacity charge	Variable charge	Demand charges		Reactive charge			Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Demand charges			Reactive charge
	Connection (\$/kVA/day)	Uncontrolled (\$/kWh)	On peak demand ³ (\$/kW/month)	Excess demand ⁴ (\$/kVA/day)	Power factor ⁵ (\$/kVA/month)					On peak demand ³ DOPC (\$/kW/month)	Excess demand ⁴ DEXA (\$/kVA/day)	Power factor ⁵ PWRF (\$/kVA/month)	
	ALI60 (CBD/Industrial service area)			12.1700							AC60, CBD/Industrial service area	88	
ALI60 (Urban service area)	0.0239	0.0012	12.6900	0.3539	7.7800	AU60, Urban service area	29	0.0287	0.0014	15.2133	0.4250	7.7778	
ALI60 (Rural service area)			15.3900			AR60, Rural service area	1			18.5496			

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
VECA1	LV	Low voltage single phase	4.94%	1.0520	4.94%	1.0520
VECA2	LV	Low voltage three phase	4.94%	1.0520	4.94%	1.0520
VECA3	LV	Transformer and High voltage	3.29%	1.0340	3.29%	1.0340
VECA4	HV	Transformer and High voltage	1.77%	1.0180	1.77%	1.0180

NON STANDARD CUSTOMERS

Pricing plan	Previous line charges		Estimated number of customers	New line charges
	Customer specific			Customer specific
99001 - 99018	POA ⁶		30	POA ⁷

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 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 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 2006 Non standard pricing disclosure. Non standard pricing disclosures are available at www.vector.co.nz
Note 7. Refer to 2007 Non standard pricing disclosure. Non standard pricing disclosures are available at www.vector.co.nz

