

ELECTRICITY LINE CHARGES

Effective from 1 April 2010

for Vector's Auckland City, Manukau City and Papakura District network

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 greater Auckland.

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

The line charges printed here relate to Vector's Auckland network (Auckland City, Manukau City and parts of the Papakura District).

Line charge changes

Vector has increased its prices from 1 April 2010 by approximately 2.3% in accordance with the Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010. The Default Price-Quality Path allows 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 and Commerce Commission levies. Copies of our revised price schedules are available for viewing at our office at 101 Carlton Gore Road, Newmarket, Auckland or at www.vector.co.nz

Disclosure pursuant to Electricity Distribution (Information Disclosure) Requirements 2008

RESIDENTIAL CUSTOMERS

Pricing plan	Previous line charges					New pricing plan	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)	Optional dedicated night meter NITE (\$/kWh)
A100, single meter uncontrolled	0.1667		0.0997		0.0220	A100, uncontrolled	50,900	0.1667		0.1047	0.0230
A103, 3 phase	0.1667	0.1013									
A101, dual meter controlled	0.1667		0.0997	0.0637	0.0220	A102, controlled	222,600	0.1667	0.0874		0.0230
A102, single meter controlled	0.1667	0.0853			0.0220						

BUSINESS CUSTOMERS

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)
A003, <1kVA	0.2104		A003, <1kVA	1,170	0.2156	
A110, capacity ≤15kVA	0.2778	0.0789	A110, capacity ≤15kVA	13,700	0.4222	0.0761
A120, capacity >15kVA and ≤69kVA	0.8667	0.0692	A120, capacity >15kVA and ≤69kVA	18,700	0.6667	0.0733

LOW VOLTAGE CUSTOMERS

Pricing plan	Previous line charges							New pricing plan	Estimated number of customers	New line charges							
	Capacity charge	Variable charges					Demand charge			Fixed charge	Capacity charge	Variable charges					Demand charge
	Connection CAPY (\$/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)	Demand ² DAMD (\$/kVA/day)			Daily FIXD (\$/day)	Connection CAPY (\$/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)	Demand ² DAMD (\$/kVA/day)
AV14, capacity >69kVA and ≤138kVA	0.0353	0.0726						ALVN, low voltage connection, >69kVA, non half hourly metering	1,240	1.0000	0.0294	0.0690					
AV30, capacity >138kVA and ≤300kVA	0.0257	0.0528						ALVC, low voltage connection, >69kVA, closed	440		0.0294	0.0607					
AV99, capacity >300kVA	0.0268		0.0112	0.0019	0.0310	0.0019	0.2166	ALVH, low voltage connection, >69kVA, half hourly metering	1,500		0.0294		0.0123	0.0020	0.0340	0.0020	0.2381

TRANSFORMER CUSTOMERS

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 ¹ SMDY (\$/kWh)	Summer Night ¹ SMNT (\$/kWh)	Winter Day ¹ WNDY (\$/kWh)	Winter Night ¹ WNNT (\$/kWh)	Demand ² DAMD (\$/kVA/day)			Daily FIXD (\$/day)	Connection CAPY (\$/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)	Demand ² DAMD (\$/kVA/day)
AX14, capacity >69kVA and ≤138kVA	2.9556	0.0297	0.0632						ATXN, transformer connection, >69kVA, non half hourly metering	130	0.9889	0.0291	0.0682					
AX30, capacity >138kVA and ≤300kVA	3.7222	0.0233	0.0717															
AX99, capacity >300kVA	2.7556	0.0221		0.0112	0.0019	0.0310	0.0019	0.2166	ATXH, transformer connection, >69kVA, half hourly metering	780		0.0291		0.0122	0.0020	0.0336	0.0020	0.2352

HIGH VOLTAGE CUSTOMERS

Pricing plan	Previous line charges					New pricing plan	Estimated number of customers	New line charges									
	Capacity charge	Variable charge	Demand charges		Reactive charge			Fixed charge	Capacity charge	Variable charges					Demand charges		
	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	On peak demand ³ DOPC (\$/kWh/month)	Excess demand DEXA (\$/kVA/day)	Power factor ⁴ PWRP (\$/kVA/month)			Daily FIXD (\$/day)	Connection CAPY (\$/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)	Demand ² DAMD (\$/kVA/day)	Excess demand DEXA (\$/kVA/day)	
						AHVN, high voltage connection, >69kVA, non half hourly metering	0	0.9778	0.0288	0.0676							
AC60, CBD/Industrial service area			16.1893			AHVH, high voltage connection, >69kVA, half hourly metering	120	0.0288	0.0121	0.0020	0.0332	0.0020	0.2329	0.5390			
AU60, Urban service area	0.0316	0.0017	16.7780	0.4687	7.7778												
AR60, Rural service area			20.4574														

DISTRIBUTION LOSSES

Loss factor code	Customer's metering voltage	Distribution loss ratios with respect to the injection point meter	Distribution loss factors with respect to the customer meter
VECA1	LV	4.94%	1.0520
VECA2	LV	4.94%	1.0520
VECA3	LV	3.29%	1.0340
VECA4	HV	1.77%	1.0180

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. Charge is applicable to the average 10 highest demands measured from 0730 - 0930 and 1730 - 2000 on weekdays including public holidays.

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

Note 4. 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 5. Non standard pricing disclosures are available at www.vector.co.nz

Note 6. Full details of our charges and how these are applied are available at www.vector.co.nz

Note 7. All charges are exclusive of GST and are subject to a 10% discount if paid by the due date.

Note 8. Estimated number of customers is as at 1 October 2009.

NON STANDARD CUSTOMERS

Pricing plan	Previous line charges	Estimated number of customers	New line charges
99001 - 99027	POA ⁵	35	POA ⁵

TRANSMISSION COMPONENT

Line charges include the recovery of transmission costs which make up 25% of the line charges listed. Transmission costs include connection, interconnection, new investment and avoided transmission costs, but exclude ancillary service charges and loss constraint excess payments.

