

ELECTRICITY LINE CHARGES

Effective from 1 April 2010

for Vector's North Shore City, Waitakere City and Rodney 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 (UnitedNetworks) Northern network (North Shore City, Waitakere City and Rodney 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)
W100, single meter uncontrolled	0.1500		0.1106		0.0198	W100, uncontrolled	18,700	0.1500		0.1095	0.0207
W103, 3 phase	0.1500		0.1246								
W101, dual meter controlled	0.1500		0.1106	0.0468	0.0198	W102, controlled	166,300	0.1500	0.0886		0.0207
W102, single meter controlled	0.1500	0.0850			0.0198						

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)
W001, non street lighting <1kVA		0.1685	WU01, <1kVA	200		0.1727
W002, street lighting <1kVA		0.1685				
WV02, low voltage connection, capacity ≤15kVA	0.4800	0.0610	WB02, capacity ≤15kVA	10,400	0.6100	0.0610
WX02, transformer connection, capacity ≤15kVA	0.4400	0.0555				
WV07, low voltage connection, capacity >15kVA and ≤69kVA	1.2800	0.0503	WB07, capacity >15kVA and ≤69kVA	10,500	0.9700	0.0563
WX07, transformer connection, capacity >15kVA and ≤69kVA	1.1600	0.0457				

LOW VOLTAGE CUSTOMERS

Pricing plan	Previous line charges				New pricing plan	Estimated number of customers	New line charges			
	Fixed charge	Capacity charge	Variable charge	Demand charge			Fixed charge	Capacity charge	Variable charge	Demand charge
	Daily FIXD (\$/day)	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Demand DAMD (\$/kVA/month)			Daily FIXD (\$/day)	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Demand DAMD (\$/kVA/day)
WV14, low voltage connection, capacity >69kVA and ≤138kVA	5.6400		0.0491		WLVN, low voltage connection, >69kVA, non half hourly metering	630	4.0000	0.0150	0.0529	
WV30, low voltage connection, capacity >138kVA and ≤300kVA	10.4800		0.0213		WLVK, low voltage connection, >69kVA, closed	160	5.0000	0.0150	0.0256	
WV99, low voltage connection, capacity >300kVA	15.0200	0.0125	0.0052	5.3161	WLVH, low voltage connection, >69kVA, half hourly metering	40	16.5200	0.0137	0.0057	

TRANSFORMER CUSTOMERS

Pricing plan	Previous line charges				New pricing plan	Estimated number of customers	New line charges			
	Fixed charge	Capacity charge	Variable charge	Demand charge			Fixed charge	Capacity charge	Variable charge	Demand charge
	Daily FIXD (\$/day)	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Demand DAMD (\$/kVA/month)			Daily FIXD (\$/day)	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Demand DAMD (\$/kVA/day)
WX14, transformer connection, capacity >69kVA and ≤138kVA	5.1300		0.0447		WTXN, transformer connection, >69kVA, non half hourly metering	10	3.6000	0.0135	0.0476	
WX30, transformer connection, capacity >138kVA and ≤300kVA	9.5300		0.0194		WTXC, transformer connection, >69kVA, closed	150	4.5000	0.0135	0.0230	
WX99, transformer connection, capacity >300kVA	13.6500	0.0114	0.0048	4.8327	WTXH, transformer connection, >69kVA, half hourly metering	190	14.8700	0.0123	0.0051	

HIGH VOLTAGE CUSTOMERS

Pricing plan	Previous line charges				New pricing plan	Estimated number of customers	New line charges				
	Capacity charge	Variable charge	Demand charge	Reactive charge			Fixed charge	Capacity charge	Variable charge	Demand charges	
	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	On peak demand ¹ DOPC (\$/kW/month)	Power factor ² PWRP (\$/kVAr/month)			Daily FIXD (\$/day)	Connection CAPY (\$/kVA/day)	Uncontrolled 24UC (\$/kWh)	Demand DAMD (\$/kVA/day)	Excess demand DEXA (\$/kVA/day)
					WHVN, high voltage connection, >69kVA, non half hourly metering	0	3.2400	0.0122	0.0428		
WC60, >1500kVA in CBD/Industrial service area			10.4239		WHVH, high voltage connection, >69kVA, half hourly metering	14	14.7200	0.0122	0.0050	0.1713	0.4851
WU60, >1500kVA in Urban service area	0.0304	0.0013	10.8338								
WR60, >1500kVA in Rural service area			12.9211								

NON STANDARD CUSTOMERS

Pricing plan	Previous line charges	Estimated number of customers	New line charges
60W	POA ⁴	8	POA ⁴

TRANSMISSION COMPONENT

Line charges include the recovery of transmission costs which make up 24% 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.

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
VECW1	LV	5.64%	1.0598
VECW2	LV	4.04%	1.0421
VECW3	LV	4.04%	1.0421
VECW4	HV	2.45%	1.0251

- Note 1.** Charge is applicable to demand measured from 0730 - 0930 and 1730 - 1930 on weekdays including public holidays.
Note 2. Charge is applicable for power factor <0.95 from 0700 - 2000 on weekdays 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 3. Full details of our charges and how these are applied are available at www.vector.co.nz
Note 4. Non standard pricing disclosures are available at www.vector.co.nz
Note 5. All charges are exclusive of GST.
Note 6. Estimated number of customers is at 1 October 2009.