

# POWERCO ELECTRICITY INFORMATION DISCLOSURE

Line Charges for areas including Coromandel, Bay of Plenty, Tauranga, and South Waikato.

Effective from 1 April 2011 pursuant to Requirement 27 of the Electricity Information Disclosure Requirements 2004

## DISCLOSURE OF POWERCO'S NEW LINE CHARGES EFFECTIVE 1 APRIL 2011

Other Lines and Use of System charges or conditions may also apply. Please refer to the full Powerco Pricing Schedule. Total line rates are quoted including their transmission component. All charges exclude GST (Goods and Services Tax). Powerco is not required to disclose line charges if the number or estimated number of consumers by whom the line charge is to be paid is less than 5.

## VALLEY NETWORK – Grid Exit Points of Injection: Hinuera, Kinleith, Kopu, Waihou, Waikino

RESIDENTIAL – Low Usage Tariff Option (1 & 2 Phase 60amp & 3 phase 60 amp) (V05)						UNMETERED					
Tariff Option	Line Charges effective 1 April 2011		Estimated number of consumers	Previous Line Charges		Tariff Option	Line Charges effective 1 April 2011		Estimated Number of Customers	Previous Line Charges	
	Fixed Rate (c/day)	Variable Rate (c/kWh)		Fixed Rate (c/day)	Variable Rate (c/kWh)		Fixed Rate (c/day)	Variable Rate (c/kWh)		Fixed Rate (c/day)	Variable Rate (c/kWh)
Single – Controllable	15.00	9.3012	28,377	15.00	8.9334	Unmetered supply other than street lighting (V01)		9.8019	99		9.4408
Controlled		7.7158			7.4064						
Uncontrolled		9.5527			9.1755						
Night		1.6148			1.5553						
						Unmetered street lighting (V02)	13.2688		11,076	12.7800	

## ALL OTHER CONNECTIONS – Standard Residential & Commercial Tariff Options

Tariff Option	Line Charges effective 1 April 2011					Estimated number of consumers	Previous Line Charges				
	Fixed Rate (c/day)	Night Supply Only (c/kWh)	24 Hour Supply (c/kWh)	Controlled 17 hours on (c/kWh)	Controlled (c/kWh)		Fixed Rate (c/day)	Night Supply Only (c/kWh)	24 Hour Supply (c/kWh)	Controlled 17 hours on (c/kWh)	Controlled (c/kWh)
Standard Usage Residential & Commercial (1, 2 & 3 phase up to & including 60 amp) (V06)	72.1581	1.6148	6.9448	6.6934	5.1080	38,379	69.50	1.5553	6.689	6.4468	4.9198
Commercial three phase 61A - 200A (V24)	1,923.809			2.2017		376	1,852.9416			2.1206	
> 200 Amp up to 299 kVA (V28)	8,313.9076		2.4641	2.4641	1.6315	31	8,007.6478			2.3733	

## TRANSMISSION COMPONENT (Requirement 25(2)(b))

The component of each new line charge that is attributable to transmission charges is 25%. (Where the line charge is the total lines charge payable by each end-consumer and may be made up of different charge types including fixed, variable, demand and Transformer charges as detailed in the tables above.) This component includes recovery of Transpower's connection, interconnection and new investment charges. Note: Transpower's loss rental rebates and Transpower's EVA rebate do not form a part of the individual line charges. These items will be paid or credited directly to Retailers on a monthly basis based on the actual amount invoiced or rebated by Transpower.

## VALLEY NETWORK GROUPS 40 AND 60 CONSUMERS

TRANSMISSION CHARGES GROUP 40 & 60										NETWORK CHARGES - GROUP 60 CONSUMERS				
Grid Exit Point	Line Charges effective 1 April 2011				Previous Line Charges				Network	Maintenance Charge, based on On-Peak Demand \$/kW	Network Indirect Demand Charge, based on On-Peak Demand \$/kW	Network Indirect Fixed Charge \$/Annum	Estimated Number of Customers	
	Any time Demand \$/kW	On peak Demand \$/kW	High Voltage	Low Voltage	Any time Demand \$/kW	On peak Demand \$/kW	High Voltage	Low Voltage						
Valley Network														
Hinuera GXP	19.80				22.38									
Kinleith GXP	13.41				15.55					4.41		10,439	19	
Kopu GXP	46.08	76.14	3.20%	4.65%	49.89	69.12	3.20%	4.65%						
Waihou GXP	16.68				22.24									
Waikino GXP	33.00				35.09									

  

NETWORK CHARGES - GROUP 40 CONSUMERS				
	Network Asset and Maintenance Charge, based on Anytime Demand \$/kW	Network Indirect Demand Charge, based on On-Peak Demand \$/kW	Network Indirect Fixed Charge \$/Annum	Estimated Number of Customers
New Charges	95.31	5.21	1,989.78	70
Previous Charges	99.56	3.40	1,989.78	66

\*Group 40 and 60 consumers are also charged for assets employed in servicing the connection.

## TAURANGA NETWORK Points of Supply: Tauranga, Mt Maunganui, Te Matai

RESIDENTIAL – Low Usage Tariff Option (1 & 2 Phase 60amp & 3 phase 60 amp) (T05)						UNMETERED					
Tariff Option	Line Charges effective 1 April 2011		Estimated number of consumers	Previous Line Charges		Tariff Option	Line Charges effective 1 April 2011		Estimated Number of Customers	Previous Line Charges	
	Fixed Rate (c/day)	Variable Rate (c/kWh)		Fixed Rate (c/day)	Variable Rate (c/kWh)		Fixed Rate (c/day)	Variable Rate (c/kWh)		Fixed Rate (c/day)	Variable Rate (c/kWh)
Single – Controllable	15.00	7.2981	11,076	15.00	7.0041	Unmetered supply other than street lighting (V01)		8.8937	129		8.5661
Controlled		4.3787			4.1922						
Uncontrolled		8.5906			8.2489						
Night		1.6158			1.5563						
						Unmetered street lighting (V02)	13.2688		13,423	12.7800	

## Standard Residential & Commercial (1 & 2 phase 60amp up to and including 3 phase 100 amp) (T06)

Tariff Option	Line Charges effective 1 April 2011				Estimated number of consumers	Previous Line Charges			
	Fixed Rate (c/day)	Variable Rate (c/kWh)	Fixed Rate (c/day)	Variable Rate (c/kWh)		Fixed Rate (c/day)	Variable Rate (c/kWh)	Fixed Rate (c/day)	Variable Rate (c/kWh)
Residential - Night Supply Only	39.9725			1.5651	61,313	38.50			1.5074
Residential - 24 hour supply uncontrolled				7.4512					7.1767
Residential - Controlled				3.2393					3.12
Residential - Controlled 17 hours on				6.1587					5.9319
Commercial - Day/Night - Day rate				5.8769					5.6604
Commercial - Day/Night - Night rate				1.5651					1.3669

## OTHER COMMERCIAL – 100kVA TO 299KVA (No TOU metering required)

Tariff Option	Line Charges effective 1 April 2011				Estimated number of consumers	Previous Line Charges				
	Fixed Rate (c/day)	24 Hour Supply (c/kWh)	Night (c/kWh)	Controlled (c/kWh)		Fixed Rate (c/day)	24 Hour Supply (c/kWh)	Controlled (c/kWh)	Commercial -Day (c/kWh)	Commercial -Night (c/kWh)
100kVA - 199kVA (T22)	734.9288	5.8463	1.8123	2.6932	203	707.8562	5.6309	2.594	5.8442	1.4113
200kVA - 299kVA (T24)	2,464.114	5.4048		2.4899	48	2,373.3433	5.2057	2.3982		

## CAPACITY 200kVA AND GREATER (Fixed Service, Transformer, Capacity (where applicable) and Variable Rates Apply)

Tariff Option	Line Charges effective 1 April 2011			Estimated No of consumers	Previous Line Charges	
	Fixed Rate (c/day)	Fixed Rate (\$/kVA/month)	Fixed Rate (c/day)		Fixed Rate (\$/kVA/month)	
Fixed Rate (T41)	1,020.8316		69	983.2272		
Fixed Rate (T43)		1.1940	128		1.15	
<b>Variable Rate (c/kWh)</b>						
Summer day (0700 - 2300)		3.0014			2.8908	
Summer night (2300 - 0700)		0.8148			0.7848	
Winter day (0700 - 2300), excluding peak times		5.2558			5.0622	
Winter morning peak (0800 - 1100)		11.1092			10.70	
Winter evening peak (1700 - 2000)		19.1629			18.457	
Winter night (2300 - 0700)		1.0864			1.0464	

## TRANSMISSION COMPONENT (REQUIREMENT 25(2)(b))

The component of each new line charge attributable to transmission charges is 27%. (Where the line charge is the total lines charge payable by each end-consumer and may be made up of different charge types including fixed, variable, demand and Transformer charges as detailed in the tables above.) This component includes recovery of Transpower's connection, interconnection and new investment charges.

## TAURANGA NETWORK GROUP 50 CONSUMERS

TRANSMISSION CHARGES GROUP 50					NETWORK CHARGES - GROUP 50 CONSUMERS				
Grid Exit Point	Line Charges effective 1 April 2011		Previous Line Charges		Network	Network Asset and Maintenance Charge \$/kW	Network Indirect Demand Charge, based on On-Peak Demand \$/kW	Network Indirect Fixed Charge \$/Annum	Estimated Number of Customers
	Any time Demand \$/kW	On peak Demand \$/kW	Any time Demand \$/kW	On peak Demand \$/kW					
Valley Network									
Tauranga GXP	38.25		31.12						
Mt Maunganui GXP	18.53	76.14	20.99	69.12					
Te Matai GXP	24.46		21.01						

\* Group 50 are also charged for assets employed in servicing the connection.

## TAURANGA LOSS FACTORS

Capacity and Voltage Connection	Code	Factor 33KV GXP	Code	Factor 11KV GXP
Low Voltage Single Phase Connection metered at Low Voltage	TSPLV3	1.070	TSPLV1	1.065
Low Voltage Three Phase Connection metered at Low Voltage	TTPLV3	1.070	TTPLV1	1.065
Transfer Connection metered at Low Voltage	TXCLV3	1.048	TXCLV1	1.043
High Voltage Connection metered at Low Voltage	THVLV3	1.048	THVLV1	1.043
Transformer Connection metered at High Voltage	TXCHV3	1.033	TXCHV1	1.028
High Voltage Connection metered at High Voltage	THVHV3	1.033	THVHV1	1.028

Powerco is New Zealand's second largest electricity and gas distribution utility with around 420,000 consumers connected to its networks. Powerco's electricity networks are in Western Bay of Plenty, Thames, Coromandel, Eastern and Southern Waikato, Taranaki, Wanganui, Rangitikei, Manawatu and the Wairarapa. Its gas pipeline networks are in Taranaki, Hutt Valley, Porirua, Wellington, Horowhenua, Manawatu and Hawke's Bay.

To view online please go to [www.powerco.co.nz](http://www.powerco.co.nz)