# POWERCO ELECTRICITY INFORMATION DISCLOSURE

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

Effective from 1 April 2013 pursuant to clause 2.4.19 of the Electricity Distribution Information Disclosure Determination 2012.

#### DISCLOSURE OF POWERCO'S NEW LINE CHARGES EFFECTIVE 1 APRIL 2013

Other lines and use of system charges or conditions may also apply. Please refer to the full Powerco Pricing Schedule on Powerco's website. Total line rates are quoted including their transmission component. All charges exclude GST. 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 five.

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

RESIDENTIAL – Low Usage Tariff Option (1 & 2 Phase 60amp & 3 phase 60 amp) (V05)					) (V05)	UNMETERED					
	Line Charg 1 Apri	es effective I 2013	Estimated	Previous L	ine Charges	riable Tariff Option		Line Charges effective 1 April 2013		Previous Li	ne Charges
Tariff Option	Fixed	Variable	number of consumers	Fixed	Variable				Estimated Number of		
	Rate (c/day)	Rate (c/kWh)	Consoniers	Rate (c/day)	Rate (c/kWh)		Fixed Rate	Variable Rate	Consumers	Fixed Rate	Variable Rate
Uncontrolled		11.36			10.6500		(c/day)	(c/kWh)		(c/day)	(c/kWh)
Single – Controllable	15.00	10.46	28.796	15.00	10.1416	Unmetered supply other than street lighting (V01)		11.42	125		10.8527
Controlled	13.00	8.35	20,770	13.00	8.6163	Unmetered street lighting					
Night		4.97			4.7487	(V02)	15.99		11,336	15.1912	

ALL OTHER CONNECTIONS – Standard Res	LL OTHER CONNECTIONS – Standard Residential & Commercial Tariff Options										
		Line Charg	es effective 1	April 2013		Previous Line Charges					
Tariff Option	Fixed Rate (c/day)	24 Hour Supply (c/kWh)	Single Controllable (c/kWh)	Controlled (c/kWh)	Night Supply Only (c/kWh)	Estimated number of consumers	Fixed Rate (c/day)	24 Hour Supply Only (c/kWh)	Single Controllable (c/kWh)	Controlled (c/kWh)	Night Supply Only (c/kWh)
Standard Usage Residential & Commercial (1, 2 & 3 phase up to & including 60 amp) (V06)	79.89	8.40	7.50	5.39	2.01	38,210	79.8934	7.6893	7.1809	5.6556	1.7879
Commercial three phase 61A - 250A (V24)	1,850		3.61			387	2,130		2.4377		
> 250 Amp up to 299 kVA (V28)	8,914	3.39	3.39	2.42		31	9,205	2.7282	2.7282	1.8064	

#### TRANSMISSION COMPONENT (clause 2.4.18(1)(d))

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

	Line Charges effe	ctive 1 April 2013	Previous L	ine Charges
	Ra	tes	Ro	ites
Grid Exit Point	Any time Demand \$/kW	On peak Demand \$/kW	Any time Demand \$/kW	On peak Demand \$/kW
Valley Network				
Hinuera GXP	21.32		20.20	
Kinleith GXP	13.11	99.44	12.61	90.66
Kopu GXP	54.82	99.44	48.41	90.00
Waihou GXP	32.68		18.54	
Waikino GXP	38.59		33.83	

	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 consumers	
New Charges	99.74	8.76	2,226.22	69	
Previous Charges	100.56	5.73	2,040.32	70	

NETWORK	NETWORK CHARGES - GROUP 60 CONSUMERS									
	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 consumers					
New Charges	Hinuera GXP Kopu GXP Waihou GXP Waikino GXP	33.97 19.25 8.75 6.86	10.45	11,973	21					
Previous Charges	Hinuera GXP Kopu GXP Waihou GXP Waikino GXP	24.43 15.13 9.19 6.39	5.09	10,979	21					

	CONSUMER CATEGORY	METERING VOLTAGE	CODE	LOSS FACTORS
	For Connection capacity of 60 Amps or less (including unmetered Connections)	Low Voltage	VYLALV	1.0804
	For Connection capacity for greater than 60 Amps, up to and including 160 Amps	Low Voltage	VYMALV	1.0685
ŀ	For Connection capacity 200 Amps and greater	Low Voltage	VYHALV	1.0465
	For Connection capacity greater than 200 Amps	HighVoltage	VYHAHV	1.0320
	V60 individually priced Consumers		SPEC	Site-specific (default 1.0320)

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

RESIDENTIAL – Low Usage Tariff Option (1 & 2 Phase 60amp & 3 phase 60 amp) (T05)								
		es effective il 2013	Estimated	Previous Line Charges				
Tariff Option	Fixed Rate (c/day)	Variable Rate (c/kWh)	number of consumers	Fixed Rate (c/day)	Variable Rate (c/kWh)			
Uncontrolled		10.12			9.5848			
Single – Controllable	15.00	8.62	10 202	15.00	8.1538			
Controlled	15.00	5.22	12,382	15.00	4.9214			
Night		3.26	]		3.0678			

UNMETERED	JNMETERED							
Tariff Option	Line Charges effective 1 April 2013		Estimated Number of	Previous Line Charges				
іштіі Оріюіі	Fixed Rate (c/day)	Variable Rate (c/kWh)	consumers	Fixed Rate (c/day)	Variable Rate (c/kWh)			
Unmetered supply other than street lighting (V01)		10.37	143		9.8471			
Unmetered street lighting (V02)	15.46		11,953	14.6912				

Standard Residential & Commercial (1 & 2 phase 60amp up to and including 3 phase 60 amp) (T06)								
Tariff Option	Line Charges eff	ective 1 April 2013	Estimated number of	Previous Line Charges				
idriii Opiion	Fixed Rate (c/day)	Variable Rate (c/kWh)	consumers	Fixed Rate (c/day)	Variable Rate (c/kWh)			
Residential - Uncontrolled		8.68	61,269	44.2576	8.2500			
Residential - Single - Controllable		7.18			6.8189			
Residential - Controlled	1/ 50	3.78			3.5866			
Residential - Night	46.59	1.82			1.7329			
Commercial - Day/Night - Day rate		8.68			6.5069			
Commercial - Day/Night - Night rate		8.68			1.7329			

OTHER COMMERCIAL - 69kVA TO 2	OTHER COMMERCIAL – 69kVA TO 299kVA (No TOU metering required)									
	L	Line Charges effective 1 April 2013			Estimated	Previous Line Charges				
Tariff Option	Fixed Rate (c/day)	24 Hour Supply (c/kWh)	Controlled (c/kWh)	Night (c/kWh)	number of consumers	Fixed Rate (c/day)	24 Hour Supply (c/kWh)	Controlled (c/kWh)	Night (c/kWh)	
3 Phase 61A-250A (T22)	857	6.81	3.14	2.11	237	814	6.4730	2.9819	2.0066	
200 - 299kVA (T24)	2,871	6.30	2.90		43	2,728	5.9842	2.7568		

Tariff Option	Line Charges e	effective 1 April 2013	Estimated No	Previous Line Charges		
іагін Орноп	Fixed Rate (c/day)	Fixed Rate (\$/kVA/month)	of consumers	Fixed Rate (c/day)	Fixed Rate (\$/kVA/month	
Fixed Rate (T41)	1,189		89	1,130		
Fixed Rate (T43)		1.45	122		1.322	
		Var	iable Rate (c/k)	Wh)		
Summer day (0700 - 2300)		3.50		3.3232		
Summer night (2300 - 0700)	0.95			(	0.9021	
Winter day (0700 - 2300), excluding peak times		6.13			5.8192	
Winter morning peak (0800 - 1100)		12.95		1	2.3001	
Winter evening peak (1700 - 2000)	22.33			2	1.2172	
Winter night (2300 - 0700)		1.27		1	1.2029	

### TRANSMISSION COMPONENT (CLAUSE 2.4.18(1)(d))

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### **TAURANGA NETWORK GROUP 50 AND 60 CONSUMERS**

		es effective I 2013	Previous Li	ne Charges		
	Ra	tes	Rates			
Grid Exit Point	Any time Demand \$/kW	On peak Demand \$/kW	Any time Demand \$/kW	On peak Demand \$/kW		
Tauranga GXP	56.82		47.78			
Mt Maunganui GXP	20.56	99.44	33.37	90.66		
Te Matai GXP	24.31		24.70			

<sup>\*</sup> Group 50 are also charged for assets employed in servicing the connection.

NETWORK CHARGES - GROUP 50 CONSUMERS									
	Network Asset and Maintenance Charge \$/kW	Network Indirect Demand Charge, based on On-Peak Demand \$/kW	Network Indirect Fixed Charge \$/ Annum	Estimated Number of consumers					
New Charges	74.64	8.76	2,226.22	71					
Previous Charges	70.10	7.13	2,436.01	65					

NETWORK CHARGES - GROUP 60 CONSUMERS								
	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 consumers			
New Charges	Tauranga GXP Mt Maunganui GXP Te Matai GXP	17.14 15.76 11.75	10.45	11,973	21			
Previous Charges	Tauranga GXP Mt Maunganui GXP Te Matai GXP	19.63 14.44 12.28	5.09	10,979	20			

Capacity and Voltage Connection	Code	Factor 33KV GXP	Code	Factor 11KV GXP
Low-voltage single-phase and three-phase Connection metered at Low Voltage	TLV3	1.070	TLV1	1.065
Transformer or high-voltage Connection metered at low Voltage	TXLV3	1.048	TXLV1	1.043
Transformer or high-voltage Connection metered at high Voltage	TXHV3	1.033	TXHV1	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.

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