

# ELECTRICITY INFORMATION DISCLOSURE

## Line Charges for areas including Coromandel, Bay of Plenty, Tauranga, and South Waikato. Effective from 1 April 2008 pursuant to Requirement 27 of the Electricity Information Disclosure Requirements 2004

### DISCLOSURE OF POWERCO'S NEW LINE CHARGES EFFECTIVE 1 APRIL 2008

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 AND SMALL COMMERCIAL (CAPACITY LESS THAN 3 PHASE 20 AMPS OR 2 PHASE 60 AMPS)					
Tariff Option	Line Charges effective 1 April 2008		Estimated number of consumers	Previous Line Charges	
	Fixed Rate (c/day)	Variable rate (c/kwh)		Fixed Rate (c/day)	Variable rate (c/kwh)
Low Usage (Residential only) (V05)	Single – Controllable	15.00	31,721	15.00	8.3210
	Controlled	15.00		15.00	8.9120
	Uncontrolled				8.5444
High Usage (V06, V07)	Single – Controllable	67.00	29,164	67.00	5.9485
	Controlled	67.00		67.00	4.5395
	Uncontrolled				6.1719
Night Supply Only	1.4351		-	1.4351	

UNMETERED			
	Line Charges effective 1 April 2008		Previous Line Charges
	Line Charges effective 1 April 2007 (c/kWh)	Estimated Number of Customers	
Unmetered supply other than street lighting (V01)	8.711	96	8.7110
Unmetered street lighting (V02)	8.711	3	8.7110
Temporary Builders Supplies – Single Phase 60 Amp \$/day (V08)*	\$1.2664	100	\$1.2664
Temporary Builders Supplies – Three Phase 60 Amp \$/day (V09)*	\$3.5933	2	\$3.5933

\* closed to new consumers

END-CONSUMERS WITH CAPACITY 3 PHASE 60 AMPS AND GREATER						
Fixed, transformer capacity (where applicable) and variable rates apply	Line Charges effective 1 April 2008			Estimated number of consumers	Previous Line Charges	
	Fixed Rate (\$/day)	Variable Rate (c/kWh)			Fixed Rate (\$/day)	Variable Rate (c/kWh)
Commercial three phase 60A (V23)	4.0628	2.7698		4709	4.0628	2.7698
Low usage – Commercial three phase 60A (VR23)	0.1500	20.6219		28	0.1500	20.6219
Commercial three phase 61A – 160A (V24)	17.0917	1.9567		284	17.0917	1.9567
Commercial three phase 200A (V26)	27.3729	1.9000		88	27.3729	1.9000
> 200 Amp up to 299 kVA (V28)	73.8866	24 hour supply	controlled 17 hours on	33	73.8866	24 hour supply controlled 17 hours on 2.1898 1.4499

### 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								
Grid Exit Point	Line Charges effective 1 April 2008				Previous Line Charges			
	Rates		Loss Factors		Rates		Loss Factors	
	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	26	63.74	3.20%	4.65%	23.02	60.45	3.20%	4.65%
Kinleith GXP	18.16				14.48			
Kopu GXP	38.79				60.57			
Waihou GXP	28.60				19.82			
Waikino GXP	40.72				42.42			

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 \$/Annun	Estimated Number of Customers
New Charges	93.11	1.33	2188.76	60
Previous Charges	99	4.16	2688.37	56

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

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 \$/Annun	Estimated Number of Customers
New Charges	Valley				
	Hinuera GXP	6.68	3.79	11,242	26
	Kopu GXP	13.37			
	Waihou GXP	4.97			
	Waikino GXP	4.80			
Valley					
Previous Charges	Valley				
	Hinuera GXP	12.63	4.82	15,231	18
	Kopu GXP	16.75			
	Waihou GXP	8.13			
	Waikino GXP	4.80			
Valley					

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

RESIDENTIAL AND SMALL COMMERCIAL (CAPACITY LESS THAN 3 PHASE 60 AMPS)					
Tariff Option	Line Charges effective 1 April 2008		Estimated Number of Customers	Previous Line Charges	
	Fixed Rate (c/day)	Variable rate (c/kwh)		Fixed Rate (c/day)	Variable rate (c/kwh)
Low Usage (Residential only) (T05)	Single – Controllable	15.00	36,767	15.00	6.6323
	Controlled	15.00		15.00	3.9817
	Uncontrolled				7.8463
High Usage (T06, T07)	Single – Controllable	37.1240	32,420	37.1240	5.6229
	Controlled	37.1240		37.1240	2.9723
	Uncontrolled				6.8369
Night Supply Only	-	1.4360	-	-	1.4289

UNMETERED			
	Line Charges effective 1 April 2008		Previous Line Charges
	Line Charges effective 1 April 2007 (c/kWh)	Estimated Number of Customers	
Unmetered supply other than street lighting (T01)	7.8646	310	7.8646
Unmetered street lighting (T02)	7.8646	11	7.8646
Temporary Builders Supplies – Single Phase 60 Amp \$/day (T08)*	\$1.2664	2	\$1.2664
Temporary Builders Supplies – Three Phase 60 Amp \$/day (T09)*	\$3.5933	-	\$3.5933

\* closed to new customers

END-CONSUMERS WITH CAPACITY 3 PHASE 60 AMPS AND GREATER			
Capacity less than 100kVA (both fixed and variable rates apply) (T20)			
	Line Charges Effective of 1 April 2008	Estimated No. of Customers	Previous Line Charges
Fixed Rate (\$/day)	1.4122	2027	1.4052
Variable Rate (c/kWh)			
• 24 hour supply uncontrolled	5.3924		5.3656
• Controlled 17 hours on	2.5091		2.4966
• Interrupted	4.9449		4.9203
• Night supply only	N/A		N/A
• Day/Night – Day rate	5.3924		5.3656
• Day/Night – Night rate	1.3022		1.2957
• On peak controlled	19.0799		18.985
• Off peak controlled	4.7728		4.7491

END-CONSUMERS WITH CAPACITY 3 PHASE 60 AMPS AND GREATER			
Capacity 100 – 199kVA (Fixed service, transformer capacity (where applicable) and variable rates apply) (T22)			
	Line Charges Effective of 1 April 2008	Estimated No. of Customers	Previous Line Charges
Fixed Rate (\$/day)	\$6.5314	182	\$6.4989
Variable Rate (c/kWh)			
• 24 hour supply	5.1956		5.1698
• Controlled 17 hours on	2.3935		2.3816
• Day/Night – Day rate	5.3924		5.3656
• Day/Night – Night rate	1.3022		1.2957

## TAURANGA NETWORK GROUP 50 CONSUMERS

TRANSMISSION CHARGES GROUP 50				
Grid Exit Point	Line Charges effective 1 April 2008		Previous Line Charges	
	Rates		Rates	
	Any time Demand \$/kW	On peak Demand \$/kW	Any time Demand \$/kW	On peak Demand \$/kW
Valley Network				
Tauranga GXP	40.58	63.74	8.78	60.45
Mt Maunganui GXP	16.65		11.88	
Te Matai GXP	16.68		11.12	

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 \$/Annun	Estimated Number of Customers
New Charges	68.42	7.72	130	22
Previous Charges	73.89	12.64	130	17

\* 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		TSPV3	1.070	TSPV1	1.065
Low Voltage Three Phase Connection metered at Low Voltage		TTPV3	1.070	TTPV1	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

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.			

# POWERCO

Powerco is New Zealand's second largest electricity and largest gas distribution utility with around 400,000 consumers connected to its networks. Powerco's electricity networks are in Tauranga, 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 the Hawke's Bay.

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