

# WEL NETWORKS PRICE SCHEDULE

**EFFECTIVE FROM 1 APRIL 2013**

## HOW TO USE THIS SCHEDULE:

Customer types (called price categories) are located in tables (i.e. residential, business, small scale distributed generation, large and unmetered).

Where a choice of tariff plan is available for a customer type this is represented in a row within each table.

Hence, a single row applies to every customer. In addition, Waikato domiciled Network customers are eligible for a discount which are described in the table titled "Annual discount to Waikato domiciled network customers".

All prices are GST exclusive and an annual discount may apply.

### RESIDENTIAL CUSTOMERS

Price category code: 1153

(Capacity: less than 160 amps, Energy: less than 250MWh, Connection Voltage: 400V)

Tariff code	Estimated number of customers	Fixed charge	Variable charges				
		Daily fixed charge (\$/day)	Continuous supply (\$/kWh)	Controlled supply (\$/kWh)	Off-peak supply (\$/kWh)	Shoulder supply (\$/kWh)	Peak supply (\$/kWh)
		<b>501</b>	<b>502</b>	<b>503</b>	<b>804</b>	<b>805</b>	<b>806</b>
Continuous, 24H	24302	0.1500	0.1239	-	-	-	-
Mixed, 24H	46386	0.1500	0.1239	0.0331	-	-	-
Continuous, advanced	New category	0.1500	-	-	0.0984	0.1230	0.1477
Mixed, advanced	New category	0.1500	-	0.0331	0.0984	0.1230	0.1477

### BUSINESS CUSTOMERS

Price category code: 1200 (new category)

(Capacity: less than 160 amps, Energy: less than 250MWh, Connection Voltage: 400V)

Tariff code	Estimated number of customers	Fixed charge	Variable charges				
		Daily fixed charge (\$/day)	Continuous supply (\$/kWh)	Controlled supply (\$/kWh)	Off-peak supply (\$/kWh)	Shoulder supply (\$/kWh)	Peak supply (\$/kWh)
		<b>901</b>	<b>902</b>	<b>903</b>	<b>904</b>	<b>905</b>	<b>906</b>
Continuous, 24H	9610	0.1500	0.1239	-	-	-	-
Mixed, 24H	1892	0.1500	0.1239	0.0331	-	-	-
Continuous, advanced	New category	0.1500	-	-	0.0984	0.1230	0.1477
Mixed, advanced	New category	0.1500	-	0.0331	0.0984	0.1230	0.1477

### SMALL SCALE DISTRIBUTED GENERATION CUSTOMERS

Price category code: 1250 (new category)

(Capacity: less than 160 amps, Energy: less than 250MWh, Connection Voltage: 400V, Generation Export: up to 10 kW)

Tariff code	Estimated number of customers	Fixed charge	Variable charges					Generation export (\$/kWh)
		Daily fixed charge (\$/day)	Continuous supply (\$/kWh)	Controlled supply (\$/kWh)	Off-peak supply (\$/kWh)	Shoulder supply (\$/kWh)	Peak supply (\$/kWh)	
		<b>401</b>	<b>402</b>	<b>403</b>	<b>404</b>	<b>405</b>	<b>406</b>	<b>407</b>
Continuous 24H	11	0.1500	0.1239	-	-	-	-	0.0050
Mixed 24H	18	0.1500	0.1239	0.0331	-	-	-	0.0050
Continuous, advanced	New category	0.1500	-	-	0.0984	0.1230	0.1477	0.0050
Mixed, advanced	New category	0.1500	-	0.0331	0.0984	0.1230	0.1477	0.0050

### LARGE CUSTOMERS

Price category code: detailed below

(Capacity: equal or greater than 160 amps, Energy: equal or greater than 250MWh except price category 1361, voltage as specified below)

Tariff Code	Eligibility criteria	Estimated number of customers	Fixed charge	Variable charges			
			Fixed charge (\$/mth)	Continuous supply (\$/kWh)	Peak demand summer/winter (\$/kW/mth)	Reactive energy (\$/kVARh)	Transformer rebate (\$/kW/mth)
			<b>504</b>	<b>506</b>	<b>505/605</b>	<b>507</b>	<b>518</b>
Low voltage, low energy (400V) Price code: 1361	Energy: <250MWh Voltage: 400V	237	64.4100	0.0390	8.8931/ 14.2952	0.0298	-
Low voltage, high energy (400V) Price Code: 1360	Energy: ≥250MWh Voltage: 400V	242	64.4100	0.0323	9.8871/ 14.8278	0.0298	-
Medium voltage (11kV) Price code: 1354	Energy ≥250MWh Voltage: 11kV	189	64.4100	0.0238	8.3727/ 11.4741	0.0298	-0.2000
High voltage (33kV) Price code: 1357	Energy ≥250MWh Voltage: 33kV	3	64.4100	0.0167	8.1607/ 11.3535	0.0298	-0.2000

### UNMETERED CUSTOMERS

Tariff Code	Estimated number of customers	Fixed charge	Variable charges
		Daily fixed charge per lamp (\$/day)	Continuous supply (\$/kWh)
		<b>520</b>	<b>529</b>
Street lighting Pricing category code: 1293	31	0.1386	-
Other (phone cabinets, bus shelters, pay phones; etc.) Pricing category code: 1450	245	-	0.1193

### ANNUAL DISCOUNT TO WAIKATO DOMICILED NETWORK CUSTOMERS

Tariff code	Estimated number of customers	Fixed discount (\$/day)	Continuous & Controlled supply (\$/kWh)	Annual cap (\$/year)
Residential, Business & Small Scale Distributed Generation Customers	82,219	0.1500	0.0173	1,650
Large and Asset Specific	678	2.1176	0.0173	1,650

## NOTES

- All prices stated are exclusive of GST.
- The transmission component of the total line charges listed equates to an average of 24%.
- The estimated number of customers is for 1 April 2013.
- WEL reserves the right to determine the appropriate price group for all connections however further guidance on price categories and charges are provided below.
- A residential customer (price category 1153) is a customer with a fuse capacity less than 160 amp, connection voltage of 400V and consumes less than 250MWh of electricity on an annualised basis and the connection is for the purpose of supplying electricity to premises that are used or intended for occupation principally as a place of residence and are not normally used for any business activity. Business activities include, but are not limited to, any:
  - hospital, home or other institution for the care of sick, disabled, or aged persons;
  - police barracks, or police cells and lock-ups;
  - barracks conducted by the Armed Forces for the accommodation of persons subject to the Armed Forces Discipline Act 1971;
  - barracks, hostel or dormitory or other similar type of premises providing accommodation;
  - premises occupied by a club and used by the club for the provision of temporary or transient accommodation to members of the club;
  - hotel in respect of which an on-licence is in force under the Sale of Liquor Act 1989; or
  - hotel, motel, boarding house, lodging house, camping ground, motor camp, marina or other similar type of premises providing temporary or transient accommodation.
- A business customer (price category 1200) is a customer with a fuse capacity less than 160 amp, connection voltage of 400V and consumes less than 250MWh of electricity at any time, on an annualised basis and is not a residential customer or a small scale distributed generation customer.
- A small scale distributed generation customer is a customer with a fuse capacity less than 160 amp, connection voltage of 400V and consumes less than 250MWh of electricity, at any time, on an annualised basis and has a generation installation capable of exporting up to 10kW of electricity into WEL's Waikato network.
- A time of use (TOU) meter measures and records half-hourly electricity use information. This type of metering is mandatory for all Large customer connections.
- To be eligible for the Residential and Business Continuous, advanced and Mixed, advance (tariff codes 804, 805, 806, 904, 905 and 906 apply) a customer must select a qualifying retail price option from a retailer providing advanced or similar pricing structures. Not all retailers may offer these pricing options but those that do can be contacted for further information. WEL will publicise a list of retailers offering eligible advanced pricing options on its website from time to time (www.wel.co.nz).
- Summer is defined as the period from 1 October to 30 April (inclusive). Winter is defined as the period from 1 May to 30 September (inclusive).
- Peak, Shoulder and Off-peak time periods are set out in the table below:

	Time Periods		
	Peak	Shoulder	
Workdays	07.00-09.30 17.30-20.00	09.30-17.30 20.00-22.00	22.00 - 07.00
Weekends and public holidays (including Waikato regional holidays only)	No peak period	07:00 - 22:00	

- Workdays are defined as weekdays excluding all public holidays observed in the Waikato region.
- Additional transformer charges or rebates may apply to large customers.
- The advanced tariff options (tariff codes 804, 805, 806, 904, 905, 906, 404, 405 and 406) are only available to retailers that:
  - adopt at least two time periods per workday; and
  - at least two hours of a retailer's highest priced time period corresponds with the times of WEL's peak periods set out above. For example, a retailer may choose a minimum of two hours; say from 7.00 a.m. to 9 a.m. or 6.00 p.m. to 8.00 p.m.; and
  - the end-customer electing and receiving a 'Similar' structured retail price; and
  - Similar is defined as retailers prices having a equal or greater differential between the their highest and lowest time periods as WEL's relevant advanced pricing option e.g. where a retailer elects two time periods only, their price differential will need to be at least equal or greater than the differential between WEL's relevant peak and off-peak price and where a retailer elects three time periods the total difference between their highest and lowest price must be at least equal or greater than WEL's relevant peak and off-peak price; and
  - the retailer providing a notice to WEL advising that the relevant advanced pricing tariff option is to apply to the specified ICP or ICP's until further notice; and
  - WEL's acceptance.

## EXPLANATION OF HOW EACH CHARGE IS APPLIED:

- Fixed charge: is the charge that applies to each day or month of connection.
- Continuous supply charge: This charge is multiplied by the volume of energy used, measured in kilowatt hours (kWh), under normal operating circumstances is continuously available i.e. it is not time specific and not controlled by WEL.
- Controlled supply charge: This charge is multiplied by the volume of energy used, measured in kilowatt hours (kWh), under normal operating circumstances that is capable of being interrupted (switched off) by WEL using remote technology from time to time. This supply is typically connected to hot water cylinders and other appliances nominated by the customer.
- Peak supply charge: This charge is multiplied by the volume of energy used, measured in kilowatt hours (kWh), that under normal operating circumstances is continuously available during the Peak time period.
- Shoulder supply charge: This charge is multiplied by the volume of energy used, measured in kilowatt hours (kWh), that under normal operating circumstances is continuously available during the Shoulder time period.
- Off-peak supply charge: This charge is multiplied by the volume of energy used, measured in kilowatt hours (kWh), that under normal operating circumstances is continuously available during the Off-Peak time period.
- Generation export charge: This charge is multiplied by the volume of energy exported, measured in kilowatt hours (kWh), from a customer connection point into WEL's network for delivery to other network customers. The installation of small scale generation requires a meter capable of recording both imported and exported volume data.
- Reactive energy charge: The reactive energy charge applies to Large customers and is a charge on the volume of kVARh used when the power factor is less than 0.95. kVARh is the maximum of 0 or kVARh – kWh x 0.328684.
- Peak demand summer charge: The summer demand charge is applied on the highest kW demand recorded in each summer month in a TOU meter during the peak time periods.
- Peak demand winter charge: The winter demand charge is applied on the highest kW demand recorded in each winter month in a TOU meter during the peak time periods.
- Transformer rebate: The demand rebate is credited to customers who own the transformer at their point of connection to the WEL network. It is applied on the demand recorded in a meter.
- Annual minimum discount tariffs will be credited in arrears to all Waikato connected customers only and normally via a customer's retailer. The amount credited will be calculated on the number of days and volume of electricity, measured in kilowatt hours (kWh), and used at an individual connection point (ICP) during the immediate preceding year. Discounts are not credited to ICPs that are unmetered, vacant or disconnected. An annual cap as shown applies and this is the maximum level of discount that will be credited to a single customer connection.



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