

WEL NETWORKS PRICE SCHEDULE

EFFECTIVE 1 APRIL 2016

HOW TO USE THIS SCHEDULE

Customer groups are listed in tables with a breakdown of customer types, referred to as price categories. Where a price plan option is available for a customer it will be represented in a row within the table. Hence a single row applies to every customer. Eligibility criteria are detailed in the notes section adjacent.

GLOSSARY

ICP: Installation Control Point – your point of connection to the network.

SSDG: Small Scale Distributed Generation – onsite generation capable of exporting to the network with generally less than 10 kW of capacity (e.g. solar panels)

SMART PRICING – ICP CREATED SINCE 1 APRIL 2016

Fuse less than 110 kVA, Voltage 400V, Time of Use Metered	Estimated Number of Customers	Fixed Daily Price (\$/day)	UNCONTROLLED SUPPLY			Controlled (\$/kWh)	Generation Export (\$/kWh)
			Peak (\$/kWh)	Shoulder (\$/kWh)	Off-Peak (\$/kWh)		
Residential Low User (1153SP)		SP501	SP806	SP805	SP804	SP503	
Uncontrolled	292	0.1500	0.2283	0.1340	0.0839		
Mixed	437	0.1500	0.2283	0.1340	0.0839	0.0701	
Residential Standard (1154SP)		SP501S	SP806S	SP805S	SP804S	SP503S	
Uncontrolled	113	1.1500	0.1540	0.0904	0.0566		
Mixed	170	1.1500	0.1540	0.0904	0.0566	0.0245	
General (1200SP)		SP901	SP906	SP905	SP904	SP903	
Uncontrolled	169	1.1500	0.1540	0.0904	0.0566		
Mixed	40	1.1500	0.1540	0.0904	0.0566	0.0245	
SSDG Low User (1250SP)		SP401	SP406	SP405	SP404	SP403	SP407
Uncontrolled	2	0.1500	0.2283	0.1340	0.0839		0.0200
Mixed	3	0.1500	0.2283	0.1340	0.0839	0.0701	0.0200
SSDG Standard (1251SP)		SP401S	SP406S	SP405S	SP404S	SP403S	SP407S
Uncontrolled	2	1.1500	0.1540	0.0904	0.0566		0.0200
Mixed	3	1.1500	0.1540	0.0904	0.0566	0.0245	0.0200

TRADITIONAL & ADVANCED PRICING – ICP CREATED PRIOR TO 1 APRIL 2016

Fuse less than 110 kVA, Voltage 400V	Estimated Number of Customers	Fixed Daily Price (\$/day)	UNCONTROLLED SUPPLY			Controlled (\$/kWh)	Generation Export (\$/kWh)
			Uncontrolled (\$/kWh)	Peak (\$/kWh)	Shoulder (\$/kWh)	Off-Peak (\$/kWh)	
Residential Low User (1153)		501	502	806	805	804	503
Uncontrolled, Traditional	18329	0.1500	0.1401				
Mixed, Traditional	27650	0.1500	0.1401				0.0701
Uncontrolled, Advanced	0	0.1500		0.2082	0.1307	0.1093	
Mixed, Advanced	0	0.1500		0.2082	0.1307	0.1093	0.0701
Residential Standard (1154)		501S	502S	806S	805S	804S	503S
Uncontrolled, Traditional	8113	1.1500	0.0945				
Mixed, Traditional	20455	1.1500	0.0945				0.0245
Uncontrolled, Advanced	0	1.1500		0.1404	0.0882	0.0738	
Mixed, Advanced	0	1.1500		0.1404	0.0882	0.0738	0.0245
General (1200)		901	902	906	905	904	903
Uncontrolled, Traditional	9749	1.1500	0.0945				
Mixed, Traditional	2318	1.1500	0.0945				0.0245
Uncontrolled, Advanced	30	1.1500		0.1404	0.0882	0.0738	
Mixed, Advanced	0	1.1500		0.1404	0.0882	0.0738	0.0245
SSDG Low User (1250)		401	402	406	405	404	403
Uncontrolled, Traditional	159	0.1500	0.1401				0.0200
Mixed, Traditional	216	0.1500	0.1401				0.0200
Uncontrolled, Advanced	0	0.1500		0.2082	0.1307	0.1093	0.0200
Mixed, Advanced	0	0.1500		0.2082	0.1307	0.1093	0.0701
SSDG Standard (1251)		401S	402S	406S	405S	404S	403S
Uncontrolled, Traditional	143	1.1500	0.0945				0.0200
Mixed, Traditional	207	1.1500	0.0945				0.0200
Uncontrolled, Advanced	0	1.1500		0.1404	0.0882	0.0738	0.0200
Mixed, Advanced	0	1.1500		0.1404	0.0882	0.0738	0.0245

LARGE CUSTOMERS, STREET LIGHTING AND UNMETERED

LARGE CUSTOMERS Fuse greater than or equal to 110 kVA	Estimated Number of Customers	Monthly Fixed Price (\$/mth)	Uncontrolled (\$/kWh)	Peak Demand Summer (\$/kW/mth)	Peak Demand Winter (\$/kW/mth)	Reactive Energy (\$/kVARh)	Transformer Rebate (\$/kW/mth)
		504	506	505	605	507	518
Low Voltage 400V (1360)	562	130.0000	0.0235	12.1271	18.1924	0.0400	
Medium Voltage 11kV (1354)	187	130.0000	0.0187	10.6885	16.0344	0.0400	-0.2000
High Voltage 33kV (1357)	4	130.0000	0.0168	9.9100	14.8666	0.0400	-0.2000

STREET LIGHTING	Estimated Number of Customers	Daily Fixed Price per Lamp (\$/day)	Controlled Supply (\$/kWh)
		521	520
Metered and Unmetered (1293)	64	0.1486	0.0000

UNMETERED CUSTOMERS	Estimated Number of Customers	Fixed Daily Price (\$/day)	Uncontrolled Supply (\$/kWh)
		530	529
Phone cabinets, bus shelters, pay phones, etc (1450)	223	0.3000	0.0231

ANNUAL DISCOUNT	Estimated Number of Customers	% of Total Charges	Annual Cap (\$/ICP/year)
	89,646	18%	\$1,650

HOW TO DETERMINE YOUR PRICE CATEGORY

The broad price categories are residential, SSDG, general, large, and unmetered. The criteria for each price category are listed below:

- Residential, SSDG, and general customers all have a fuse capacity less than 110 kVA, are metered and have a connection voltage of up to 400V. An important distinction being made for these price categories is the creation date of the ICP. Those created on or after 1 April 2016 are automatically included on a smart pricing plan, while those created prior can choose between our traditional and advanced pricing plans, subject to the criteria set out in 1.7 below. If you are unsure as to your ICP's creation date, contact your retailer or WEL.
 - A residential customer is where the connection is for the purpose of supplying electricity to a premise that is used or intended for occupation principally as a place of residence, and excludes those premises described in paragraphs (a) to (i) of section 90 of the Electricity Industry Reform Act 1998.
 - SSDG is a connection that has a generation installation capable of exporting up to generally 10kW of electricity into WEL's network.
 - Residential and SSDG customers are further defined to as belonging to sub-categories of either low or standard users. To be eligible for the low user pricing options the customer must be a residential or SSDG customer, the premises must be the customer's principle place of residence and have nominated the retailer's low user pricing plan. For the avoidance of doubt, eligibility for low user pricing options excludes holiday homes and buildings that are ancillary to a customer's principle place of residence. A standard pricing plan applies to all other residential and SSDG customer connections.
 - A general customer is where the connection is for the purpose of supplying electricity to a premise that does not meet the criteria for a residential or SSDG customer.
 - A mixed supply is where a site has separately metered uncontrolled and controlled supplies.
 - Smart and advanced pricing are when the customer is charged different rates (peak, shoulder, and off-peak) based on the time of day of the consumption.
 - An advanced pricing option is available to residential, SSDG, and general customers. To be eligible to advanced pricing a customer must have nominated a qualifying price plan with their retailer providing advanced or similar pricing structures. The retailer's price plan will qualify if the plan:
 - Includes at least two time periods per workday;
 - Includes at least two hours per day where the highest priced time period overlaps with WEL's peak time period (see time periods below);
 - The customer receives a 'similar' structured retail price, where 'similar' is defined as the retailer's prices having an equal or greater differential between their highest and lowest time periods as WEL's relevant advanced pricing option;
 - Has been appropriately notified to and accepted by WEL; and
 - The criteria above all remain valid.
- Large customers all have a fuse capacity of 110 kVA or greater, are time of use (TOU) metered and have a connection voltage of 400V, 11kV, or 33kV.
 - The specific large customer pricing category is determined by the customer's connection voltage.
 - Additional transformer charges or rebates may apply to large customers.
 - Street Lighting customers includes all metered and unmetered connections for street lighting purposes.
 - Unmetered customers are connections that are approved to be unmetered and may require a nominated and approved daily kWh usage.

HOW EACH PRICE IS APPLIED

- Fixed Prices:** is the price that applies to each day or month of connection.
- Uncontrolled Supply Prices:** are prices that apply under normal operating circumstances to the continuously available electricity supply. Charges are time of day dependant. The price is multiplied by the volume of energy used, measured in kilowatt hours (kWh), in the corresponding time periods. This is applicable to uncontrolled or across peak, shoulder, and off-peak.
- Controlled Supply Prices:** are prices that apply under normal operation circumstances to the electricity supply that is capable of being interrupted (switched off) by WEL using remote technology for up to seven hours per day. This price is multiplied by the volume of energy used, measured in kWh. This type of supply is typically connected to hot water cylinders and other interruptible appliances nominated by the customer. To be eligible, this supply must be separately metered from any uncontrolled supply. Combined metered supplies (uncontrolled and controlled) will be charged at the uncontrolled rate.
- Generation Export Price:** is the price multiplied by the volume of energy exported (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 Price:** applies to large and asset specific customers only and is a price on the volume of reactive energy, measured as kilovolt amperes reactive hour (kVARh), used when the power factor is less than 0.95 within each half hour time period. Chargeable kVARh is determined by calculating the maximum of 0 or kVARh – kWh x 0.328684 (Note: 0.328684 relates to the cosine of the angle between kW and kVA when power factor = 0.95).
- Peak Demand Summer Price:** is applied on the highest kW demand recorded in each summer month in a TOU meter during the peak time periods.
- Peak Demand Winter Price:** is applied on the highest kW demand recorded in each winter month in a TOU meter during the peak time periods.
- Transformer 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:** will be credited in arrears to all connected customers only and normally via a customer's retailer. The amount credited will be calculated on the total charge at an ICP during the year immediately preceding the month of March each year. Discounts are not credited to ICPs that are vacant or disconnected. An annual cap as shown above applies and this is the maximum level of discount that will be credited to a single customer connection.

TIME PERIODS

- 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).
- Uncontrolled charges apply to any time of the day.

i. Peak, Shoulder, and Off-Peak time periods are set out in the table below:

TIME PERIODS	PEAK	SHOULDER	OFF-PEAK
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 (inc. Waikato regional holidays only)	No peak period	07:00 – 22:00	

ADDITIONAL NOTES

- All prices are exclusive of GST and an annual discount may apply.
- The transmission component of the prices listed equates on average to 26% per price component.
- The estimated number of customers is at 31 March 2017.
- A TOU meter measures and records half hourly electricity use information.
- WEL reserves the right to determine the appropriate price category for all connections.
- Smart pricing: WEL will accept a single uncontrolled consumption value up until 30 September 2016 inclusive. The price applied to volumes submitted on this basis and the codes applicable are detailed below.

PRICE CATEGORIES	TEMPORARY CODE	SUBSTITUTED CODES	PRICE
1153SP	SP502	SP806, SP805, SP804	0.1401
1154SP	SP502S	SP806S, SP805S, SP804S	0.0945
1200SP	SP902	SP906, SP905, SP904	0.0945
1250SP	SP402	SP406, SP405, SP404	0.1401
1251SP	SP402S	SP406S, SP405S, SP404S	0.0945

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