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WEL NETWORKS PRICE SCHEDULE

EFFECTIVE 1 APRIL 2017

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 ($/day)	UNCONTROLLED SUPPLY – SMART Peak ($/kWh)	Shoulder ($/kWh)	Off-Peak ($/kWh)	Controlled ($/kWh)	Generation Export ($/kWh)
Residential Low User (1153SP)		**SP501**	**SP806**	**SP805**	**SP804**	**SP503**	
Uncontrolled	12	0.1500	0.2309	0.1355	0.0848		
Mixed	18	0.1500	0.2309	0.1355	0.0848	0.0718	
Residential Standard (1154SP)		**SP501S**	**SP806S**	**SP805S**	**SP804S**	**SP503S**	
Uncontrolled	310	1.2000	0.1529	0.0898	0.0562		
Mixed	465	1.2000	0.1529	0.0898	0.0562	0.0239	
General (1200SP)		**SP901**	**SP906**	**SP905**	**SP904**	**SP903**	
Uncontrolled	481	1.2000	0.1529	0.0898	0.0562		
Mixed	114	1.2000	0.1529	0.0898	0.0562	0.0239	
SSDG Low User (1250SP)		**SP401**	**SP406**	**SP405**	**SP404**	**SP403**	**SP407**
Uncontrolled	0	0.1500	0.2309	0.1355	0.0848		0.0200
Mixed	0	0.1500	0.2309	0.1355	0.0848	0.0718	0.0200
SSDG Standard (1251SP)		**SP401S**	**SP406S**	**SP405S**	**SP404S**	**SP403S**	**SP407S**
Uncontrolled	1	1.2000	0.1529	0.0898	0.0562		0.0200
Mixed	3	1.2000	0.1529	0.0898	0.0562	0.0239	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 ($/day)	UNCONTROLLED SUPPLY Uncontrolled ($/kWh)	ADVANCED Peak ($/kWh)	Shoulder ($/kWh)	Off-Peak ($/kWh)	Controlled ($/kWh)	Generation Export ($/kWh)
Residential Low User (1153)		**501**	**502**	**806**	**805**	**804**	**503**	
Uncontrolled, Traditional	17151	0.1500	0.1418					
Mixed, Traditional	25874	0.1500	0.1418				0.0718	
Uncontrolled, Advanced	0	0.1500		0.2098	0.1318	0.1102		
Mixed, Advanced	0	0.1500		0.2098	0.1318	0.1102	0.0718	
Residential Standard (1154)		**501S**	**502S**	**806S**	**805S**	**804S**	**503S**	
Uncontrolled, Traditional	8977	1.2000	0.0939					
Mixed, Traditional	22633	1.2000	0.0939				0.0239	
Uncontrolled, Advanced	0	1.2000		0.1389	0.0872	0.0730		
Mixed, Advanced	0	1.2000		0.1389	0.0872	0.0730	0.0239	
General (1200)		**901**	**902**	**906**	**905**	**904**	**903**	
Uncontrolled, Traditional	9517	1.2000	0.0939					
Mixed, Traditional	2263	1.2000	0.0939				0.0239	
Uncontrolled, Advanced	30	1.2000		0.1389	0.0872	0.0730		
Mixed, Advanced	0	1.2000		0.1389	0.0872	0.0730	0.0239	
SSDG Low User (1250)		**401**	**402**	**406**	**405**	**404**	**403**	**407**
Uncontrolled, Traditional	128	0.1500	0.1418					0.0200
Mixed, Traditional	174	0.1500	0.1418				0.0718	0.0200
Uncontrolled, Advanced	0	0.1500		0.2098	0.1318	0.1102		0.0200
Mixed, Advanced	0	0.1500		0.2098	0.1318	0.1102	0.0718	0.0200
SSDG Standard (1251)		**401S**	**402S**	**406S**	**405S**	**404S**	**403S**	**407S**
Uncontrolled, Traditional	116	1.2000	0.0939					0.0200
Mixed, Traditional	169	1.2000	0.0939				0.0239	0.0200
Uncontrolled, Advanced	0	1.2000		0.1389	0.0872	0.0730		0.0200
Mixed, Advanced	0	1.2000		0.1389	0.0872	0.0730	0.0239	0.0200

LARGE CUSTOMERS, STREET LIGHTING AND UNMETERED

LARGE CUSTOMERS *Fuse greater than or equal to 110 kVA*	Estimated Number of Customers	Monthly Fixed ($/mth)	Capacity ($/kVA/Day)	Excess Demand ($/kVA/Day)	Uncontrolled ($/kWh)	Peak Demand Summer ($/kVA/mth)	Peak Demand Winter ($/kVA/mth)	Reactive Energy ($/kVARh)	Transformer Rebate ($/kVA/mth)
		504	**524**	**525**	**506**	**505**	**605**	**507**	**518**
Low Voltage 400V (1360)	565	130	0.0161	0.0805	0.0210	11.7696	17.8328	0.0200	
Medium Voltage 11kV (1354)	185	130	0.0161	0.0805	0.0168	10.3734	15.7173	0.0200	-0.2000
High Voltage 33kV (1357)	4	130	0.0161	0.0805	0.0151	9.6180	14.5727	0.0200	-0.2000

STREET LIGHTING	Estimated Number of Customers	Daily Fixed per Lamp ($/day)	Controlled Supply ($/kWh)
		521	**520**
Metered and Unmetered (1293)	65	0.1501	0

UNMETERED CUSTOMERS	Estimated Number of Customers	Fixed Daily ($/day)	Uncontrolled Supply ($/kWh)
		530	**529**
Phone cabinets, bus shelters, pay phones, etc (1450)	217	0.3030	0.0233

ANNUAL DISCOUNT	Estimated Number of Customers	% of Total Charges	Annual Cap ($/ICP/year)
	90,672	18%	$1,650

BEST IN SERVICE. BEST IN SAFETY.

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:

1. 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.
   1. 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.
   2. SSDG is a connection that has a generation installation capable of exporting up to generally 10kW of electricity into WEL's network.
   3. 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.
   4. 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.
   5. A mixed supply is where a site has separately metered uncontrolled and controlled supplies.
   6. 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.
   7. 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:
      1. Includes at least two time periods per workday;
      2. Includes at least two hours per day where the highest priced time period overlaps with WEL's peak time period (see time periods below);
      3. 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;
      4. Has been appropriately notified to and accepted by WEL; and
      5. The criteria above all remain valid.
2. 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.
   1. The specific large customer pricing category is determined by the customer's connection voltage.
   2. Additional transformer charges or rebates may apply to large customers.
3. Street Lighting customers includes all metered and unmetered connections for street lighting purposes.
4. 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

a. **Fixed Prices**: is the price that applies to each day or month of connection.

b. **Capacity Price:** is the price applied for the customer nominated capacity (in kVA) per day. Customers can request a change once per annum to their nominated capacity.

c. **Excess Demand Price:** is the rate per kVA per day that will be applied to anytime peak demand in excess of the customer nominated capacity in the billable period.

d. **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.

e. **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.

f. **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.

g. **Reactive Energy Price:** applies to large and asset specific customers only and is a price on the volume of reactive energy, measured as kilovolt amps reactive hour (kVARh), used when the power factor is less that 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.

h. **Peak Demand Summer Price:** is applied on the highest kVA demand recorded in each summer month in a TOU meter during the peak time periods.

i. **Peak Demand Winter Price:** is applied on the highest kVA demand recorded in each winter month in a TOU meter during the peak time periods.

j. **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 in kVa recorded in a meter.

k. **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

a. 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).

b. Uncontrolled charges apply to any time of the day.

c. 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

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

ii. The transmission component of the prices listed equates on average to 26% per price component.

iii. The estimated number of customers is at 31 March 2017.

iv. A TOU meter measures and records half hourly electricity use information.

v. WEL reserves the right to determine the appropriate price category for all connections.