The Power Company Limited

Notification of Line Price Changes Effective From 1 April 2021

Pursuant to the Electricity Distribution Information Disclosure Determination 2012,The Power Company Limited (TPCL) hereby gives notice that the following line charges will apply for Installation Control Points (ICPs) as from 1 April 2021

Discounts will be paid to qualifying consumers in September 2021, in line with the Discount Methodology, provided there is no legislative or regulatory changes that would adversely affect the provision or receipt of discounts

This line charge notification is for all Residential customers and General customers up to a contract capacity of 100kVA. Customers over 100kVA are assessed on an individual basis. Changes to prices reflect an increase in Transmission charges and an increase in distribution maintenance costs and an increased return by The Power Company Limited.

The line charges do not include metering charges and are GST exclusive.

Further information relating to line charges can be found at the following web URL http://www.powernet.co.nz

Electricity consumers should note that these are the line charges as charged to the electricity retailers. Individual electricity retailers will make their own decisions whether to adjust their retail prices to consumers to reflect any changes in the line charges, if you have any questions in this regard, you should direct these to your electricity retailer.

	New Prices Effective from 1 April 2021						Previous Prices Effective to 31 March 2021		
Contract Capacity	**Code**	**Number of Consumers**	**Fixed Price Distribution $ per day**	**Fixed Price Transmission $ per day**	**Total Fixed Price $ per day**	**Fixed Price Discount $ per Annum**	**Fixed Price Distribution $ per day**	**Fixed Price Transmission $ per day**	**Total Fixed Price $ per day**
Fixed Prices									
TPCL Urban									
Residential Standard									
Small Residential (8kVA 1 Phase) - All Peak	UD08P	98	$ 0.8537	$ 0.1418	$ 0.9955	$ -	$ 0.8408	$ 0.1448	$ 0.9856
Small Residential (8kVA 1 Phase) - With Off Peak	UD08Q	191	$ 0.5585	$ 0.0927	$ 0.6512	$ -	$ 0.5500	$ 0.0947	$ 0.6447
Residential (15kVA 1 Phase) - All Peak	UD20P	1838	$ 1.5355	$ 0.2550	$ 1.7905	$ -	$ 1.5123	$ 0.2604	$ 1.7727
Residential (15kVA 1 Phase) - With Off Peak	UD20Q	7251	$ 1.0712	$ 0.1779	$ 1.2491	$ -	$ 1.0550	$ 0.1817	$ 1.2367
Residential Low Fixed Charge									
Residential Low Fixed Charge Option (8kVA 1 Phase) - All Peak	UDL08P	67	$ 0.1286	$ 0.0214	$ 0.1500	$ -	$ 0.1280	$ 0.0220	$ 0.1500
Residential Low Fixed Charge Option (8kVA 1 Phase) - With Off Peak	UDL08Q	143	$ 0.0858	$ 0.0142	$ 0.1000	$ -	$ 0.0853	$ 0.0147	$ 0.1000
Residential Low Fixed Charge Option (15kVA 1 Phase) - All Peak	UDL20P	1758	$ 0.1286	$ 0.0214	$ 0.1500	$ -	$ 0.1280	$ 0.0220	$ 0.1500
Residential Low Fixed Charge Option (15kVA 1 Phase) - With Off Peak	UDL20Q	5564	$ 0.0858	$ 0.0142	$ 0.1000	$ -	$ 0.0853	$ 0.0147	$ 0.1000
General Single Phase									
Street Lights (1 Phase) per light	US001L	8	$ 0.1240	$ 0.0206	$ 0.1446	$ -	$ 0.1221	$ 0.0210	$ 0.1431
1 kVA 1 Phase - All Peak	US001P	30	$ 0.6049	$ 0.1004	$ 0.7053	$ -	$ 0.5957	$ 0.1026	$ 0.6983
8 kVA 1 Phase - All Peak	US008P	237	$ 0.8536	$ 0.1417	$ 0.9953	$ 49.05	$ 0.8406	$ 0.1448	$ 0.9854
8 kVA 1 Phase - With Off Peak	US008Q	14	$ 0.5583	$ 0.0927	$ 0.6510	$ 32.08	$ 0.5498	$ 0.0947	$ 0.6445
15 kVA 1 Phase - All Peak	US020P	375	$ 1.5354	$ 0.2550	$ 1.7904	$ 88.23	$ 1.5122	$ 0.2604	$ 1.7726
15 kVA 1 Phase - With Off Peak	US020Q	102	$ 1.0711	$ 0.1778	$ 1.2489	$ 61.55	$ 1.0549	$ 0.1816	$ 1.2365
General Three Phase									
15 kVA 3 Phase - All Peak	UT015P	109	$ 1.5109	$ 0.2509	$ 1.7618	$ 83.89	$ 1.4377	$ 0.2476	$ 1.6853
15 kVA 3 Phase - With Off Peak	UT015Q	13	$ 1.0272	$ 0.1706	$ 1.1978	$ 57.03	$ 0.9775	$ 0.1683	$ 1.1458
30 kVA 3 Phase - All Peak	UT030P	545	$ 2.4142	$ 0.4009	$ 2.8151	$ 134.04	$ 2.2973	$ 0.3956	$ 2.6929
30 kVA 3 Phase - With Off Peak	UT030Q	97	$ 1.6154	$ 0.2682	$ 1.8836	$ 89.69	$ 1.5371	$ 0.2647	$ 1.8018
50 kVA 3 Phase - All Peak	UT050P	324	$ 4.8797	$ 0.8102	$ 5.6899	$ 272.25	$ 4.6660	$ 0.8035	$ 5.4695
50 kVA 3 Phase - With Off Peak	UT050Q	78	$ 3.3223	$ 0.5517	$ 3.8740	$ 185.36	$ 3.1769	$ 0.5470	$ 3.7239
75 kVA 3 Phase - All Peak	UT075P	97	$ 6.4154	$ 1.0652	$ 7.4806	$ 460.83	$ 7.8981	$ 1.3600	$ 9.2581
75 kVA 3 Phase - With Off Peak	UT075Q	18	$ 4.3238	$ 0.7180	$ 5.0418	$ 310.60	$ 5.3233	$ 0.9166	$ 6.2399
100 kVA 3 Phase - All Peak	UT100P	20	$ 9.4331	$ 1.5663	$ 10.9994	$ 616.00	$ 10.5575	$ 1.8180	$ 12.3755

100 kVA 3 Phase - With Off Peak	UT100Q	3	$ 6.5517	$ 1.0879	$ 7.6396	$ 427.84	$ 7.3327	$ 1.2627	$ 8.5954
TPCL Rural									
Residential									
Small Residential (8kVA 1 Phase) - All Peak	RD08P	111	$ 0.9620	$ 0.1597	$ 1.1217	$ -	$ 0.9474	$ 0.1631	$ 1.1105
Small Residential (8kVA 1 Phase) - With Off Peak	RD08Q	86	$ 0.6516	$ 0.1082	$ 0.7598	$ -	$ 0.6417	$ 0.1105	$ 0.7522
Residential (15kVA 1 Phase) - All Peak	RD20P	2018	$ 1.7682	$ 0.2936	$ 2.0618	$ -	$ 1.7414	$ 0.2999	$ 2.0413
Residential (15kVA 1 Phase) - With Off Peak	RD20Q	5419	$ 1.2100	$ 0.2009	$ 1.4109	$ -	$ 1.1917	$ 0.2052	$ 1.3969
Residential Low User									
Residential Low Fixed Charge Option (8kVA 1 Phase) - All Peak	RDL08P	40	$ 0.1286	$ 0.0214	$ 0.1500	$ -	$ 0.1280	$ 0.0220	$ 0.1500
Residential Low Fixed Charge Option (8kVA 1 Phase) - With Off Peak	RDL08Q	33	$ 0.0858	$ 0.0142	$ 0.1000	$ -	$ 0.0853	$ 0.0147	$ 0.1000
Residential Low Fixed Charge Option (15kVA 1 Phase) - All Peak	RDL20P	908	$ 0.1286	$ 0.0214	$ 0.1500	$ -	$ 0.1280	$ 0.0220	$ 0.1500
Residential Low Fixed Charge Option (15kVA 1 Phase) - With Off Peak	RDL20Q	1974	$ 0.0858	$ 0.0142	$ 0.1000	$ -	$ 0.0853	$ 0.0147	$ 0.1000
General Single Phase									
Street Lights (1 Phase) per light	RS001L	10	$ 0.1396	$ 0.0232	$ 0.1628	$ -	$ 0.1374	$ 0.0237	$ 0.1611
1 kVA 1 Phase - All Peak	RS001P	139	$ 0.6049	$ 0.1004	$ 0.7053	$ -	$ 0.5957	$ 0.1026	$ 0.6983
8 kVA 1 Phase - All Peak	RS008P	1114	$ 0.9620	$ 0.1597	$ 1.1217	$ 55.28	$ 0.9474	$ 0.1631	$ 1.1105
8 kVA 1 Phase - With Off Peak	RS008Q	24	$ 0.6516	$ 0.1082	$ 0.7598	$ 37.44	$ 0.6417	$ 0.1105	$ 0.7522
15 kVA 1 Phase - All Peak	RS020P	1634	$ 1.7682	$ 0.2936	$ 2.0618	$ 101.61	$ 1.7414	$ 0.2999	$ 2.0413
15 kVA 1 Phase - With Off Peak	RS020Q	343	$ 1.2100	$ 0.2009	$ 1.4109	$ 69.53	$ 1.1917	$ 0.2052	$ 1.3969
General Three Phase									
15 kVA 3 Phase - All Peak	RT015P	339	$ 1.7324	$ 0.2876	$ 2.0200	$ 96.07	$ 1.6465	$ 0.2835	$ 1.9300
15 kVA 3 Phase - With Off Peak	RT015Q	16	$ 1.1772	$ 0.1955	$ 1.3727	$ 65.36	$ 1.1202	$ 0.1929	$ 1.3131
30 kVA 3 Phase - All Peak	RT030P	1839	$ 2.7615	$ 0.4585	$ 3.2200	$ 153.31	$ 2.6275	$ 0.4525	$ 3.0800
30 kVA 3 Phase - With Off Peak	RT030Q	428	$ 1.8758	$ 0.3115	$ 2.1873	$ 104.15	$ 1.7849	$ 0.3074	$ 2.0923
50 kVA 3 Phase - All Peak	RT050P	650	$ 5.5830	$ 0.9270	$ 6.5100	$ 311.60	$ 5.3404	$ 0.9196	$ 6.2600
50 kVA 3 Phase - With Off Peak	RT050Q	519	$ 3.8241	$ 0.6350	$ 4.4591	$ 213.36	$ 3.6566	$ 0.6297	$ 4.2863
75 kVA 3 Phase - All Peak	RT075P	94	$ 7.7012	$ 1.2788	$ 8.9800	$ 553.01	$ 9.4779	$ 1.6321	$ 11.1100
75 kVA 3 Phase - With Off Peak	RT075Q	41	$ 5.1866	$ 0.8612	$ 6.0478	$ 372.57	$ 6.3854	$ 1.0995	$ 7.4849
100 kVA 3 Phase - All Peak	RT100P	29	$ 11.3375	$ 1.8825	$ 13.2200	$ 740.17	$ 12.6856	$ 2.1844	$ 14.8700
100 kVA 3 Phase - With Off Peak	RT100Q	9	$ 7.8622	$ 1.3055	$ 9.1677	$ 513.42	$ 8.7994	$ 1.5152	$ 10.3146
Volume Variable Prices			**Variable Price Distribution $ per day kWh**	**Variable Price Transmission $ per day kWh**	**Total Variable Price $ per day kWh**	**Volume Price Discount per kWh**	**Variable Price Distribution $ per day kWh**	**Variable Price Transmission $ per day kWh**	**Total Variable Price $ per day kWh**
Residential		17010	$ 0.07804	$ 0.01296	$ 0.09100	$ 0.01740	$ 0.07679	$ 0.01322	$ 0.09001
General		9248	$ 0.07804	$ 0.01296	$ 0.09100	$ 0.00980	$ 0.07679	$ 0.01322	$ 0.09001
All Residential Low User (8kVA 1 Phase)		283	$ 0.10067	$ 0.01672	$ 0.11739	$ 0.01740	$ 0.09945	$ 0.01712	$ 0.11657
All Residential Low User (20kVA 1 Phase)		10204	$ 0.12522	$ 0.02079	$ 0.14601	$ 0.01740	$ 0.12407	$ 0.02136	$ 0.14543
Distributed Generation Export			$ -	$ -	$ -		$ -	$ -	$ -

Residential definition - a residential consumer is where the consumer's metered point of connection to the network is for the purposes of supplying a home (the principle place of residence of the consumer), not normally used for any business activity and not used as a holiday home or out biulding. Residential consumers may only change their price code once per 12 month period.

Volume Prices

The volume prices shown apply to the Day MWh Purchases as metered at the Transpower Grid Supply Point.

Day is defined as 0700 - 2300 hours.

The above variable price translates to a Day kWh customer rate of	**$0.10279**
The above Residential Low Fixed Charge Option (15 kVA) variable price translates to a Day kWh customer price of	**$0.16493**
The above Residential Low Fixed Charge Option (8 kVA) variable price translates to a Day kWh customer price of	**$0.13260**

Distributed Generation Export Variable Price

The volume prices apply to distributed generation exported into the distribution network and reported at the GXP, Code DG24 **$/kWh $0.000**

With Off Peak - The eligibility for a “with off peak” delivery price is determined on the basis that at least 25% of the total energy consumption is separately metered and contolled

by a ripple relay, such as a water heater or consumed between 23:00 and 07:00 hours.

Small Residential 8kVA - The 8kVA small residential consumer requires a 32-amp circuit breaker to be installed on the main switchboard to control the complete installation. This capacity is only allowed for single-phase installations.

Line Losses

Line loss factors for all non-half hour metered ICPs are:	**Winter D**	**1.1350**
	Winter N	**1.0819**
	Summer	**1.1256**
	Summer	**1.0592**

PNL Line Loss Code

TPCOGXP - Standard Residential & General

TPCOL1 - Residential low user 15kVA

TPCOL2 - Residential low user 8kVA

PNL Line Loss Codes and Factors - for all Half Hour metered ICP's can be found at the following URL: http://www.powernet.co.nz/index.php?pageLoad=68

Urban - means an urban area is where the transformer capacity density of the 11kV line or cables is at least 120kVA/km and where there is a prevalence of transformers in excess of 100kVA per unit and consists of at least 50 customers within a continuous boundary and within 20 km of a zone substation.
The above definition includes the following townships:

- Invercargill
- Gore
- Te Anau
- Winton
- Mataura
- Riverton
- Otautau
- Tuatapere
- Ohai
- Nightcaps
- Mossburn
- Riversdale
- Manapouri
- Tapanui
- Edendale
- Wyndham
- Wallacetown
- Otatara

Power Factor Charges

All charges assume a power factor of not less than 0.95 lagging.
Non-Domestic customers may have a data logger installed to assess their power factor. If a non-domestic customer has a power factor of less than 0.95 lagging and after a period of 12 months notice has not been corrected then an annual power factor charge of $80 per kVA will be applied.

The kVA is based on the total kVA less kVA at 0.95 power factor. The kVA will be assesed on the average of the 12 highest kWH half hour periods during the assessment period.

Application of the power factor charge will be at the sole discretion of the Distributor.