

The Power Company Limited

Notification of Line Price Changes

Pursuant to the Electricity Distribution Information Disclosure Determination 2012, The Power Company Limited hereby gives notice that the following line prices will apply for Installation Control Points (ICPs) as from 1 April 2016.

This line price 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 increased share of Transmission prices and an increase in distribution maintenance costs and an increased return by The Power Company Limited.

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

Further information relating to line prices can be found at the following web URL <http://www.powernet.co.nz/index.php?pageLoad=66>

Electricity consumers should note that these are the line prices as priced 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 prices, if you have any questions in this regard you should direct these to your electricity retailer.

Contract Capacity	New Prices Effective from 1 April 2016					Previous Prices Effective to 31 March 2016		
	Code	Number of Consumers	Fixed Price Distribution \$ per day	Fixed Price Transmission \$ per Day	Total Fixed Price \$ per day	Fixed Price Distribution \$ per Day	Fixed Price Transmission \$ per Day	Total Fixed Price \$ per day
Fixed Prices								
TPC Urban Residential Standard								
Small Residential (8kVA 1 Phase) - All Peak	UD08P	62	\$ 0.7209	\$ 0.1798	\$ 0.9007	\$ 0.7119	\$ 0.1707	\$ 0.8826
Small Residential (8kVA 1 Phase) - With Off Peak	UD08O	250	\$ 0.4715	\$ 0.1178	\$ 0.5893	\$ 0.4657	\$ 0.1118	\$ 0.5775
Residential (20kVA 1 Phase) - All Peak	UD20P	1139	\$ 1.2988	\$ 0.3034	\$ 1.6022	\$ 1.2806	\$ 0.3071	\$ 1.5877
Residential (20kVA 1 Phase) - With Off Peak	UD20O	9299	\$ 0.9046	\$ 0.2256	\$ 1.1302	\$ 0.8952	\$ 0.2142	\$ 1.1094
Residential Low Fixed Price								
Residential Low Fixed Charge Option (8kVA 1 Phase) - All Peak	LDL08P	37	\$ 0.1201	\$ 0.0099	\$ 0.1500	\$ 0.1210	\$ 0.0090	\$ 0.1500
Residential Low Fixed Charge Option (8kVA 1 Phase) - With Off Peak	LDL08O	128	\$ -	\$ 0.0290	\$ 0.1600	\$ -	\$ 0.0290	\$ 0.1600
Residential Low Fixed Charge Option (20kVA 1 Phase) - All Peak	LDL20P	743	\$ 0.1201	\$ 0.0290	\$ 0.1500	\$ 0.1210	\$ 0.0290	\$ 0.1500
Residential Low Fixed Charge Option (20kVA 1 Phase) - With Off Peak	LDL20O	4247	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Single Phase								
Street Lights (1 Phase) per light	LS001L	0	\$ 0.1047	\$ 0.0291	\$ 0.1338	\$ 0.1034	\$ 0.0248	\$ 0.1282
1 kVA 1 Phase - All Peak	US001P	42	\$ 0.4108	\$ 0.1021	\$ 0.5129	\$ 0.5044	\$ 0.1210	\$ 0.6254
1 kVA 1 Phase - All Peak	US001P	213	\$ 0.7209	\$ 0.1798	\$ 0.9007	\$ 0.7119	\$ 0.1707	\$ 0.8826
1 kVA 1 Phase - With Off Peak	US001O	18	\$ 0.4715	\$ 0.1178	\$ 0.5893	\$ 0.4657	\$ 0.1116	\$ 0.5773
20 kVA 1 Phase - All Peak	US020P	309	\$ 1.2988	\$ 0.3034	\$ 1.6022	\$ 1.2806	\$ 0.3071	\$ 1.5877
20 kVA 1 Phase - With Off Peak	US020O	121	\$ 0.9046	\$ 0.2256	\$ 1.1302	\$ 0.8952	\$ 0.2142	\$ 1.1094
General Three Phase								
15 kVA 3 Phase - All Peak	UT015P	95	\$ 1.0744	\$ 0.2679	\$ 1.3423	\$ 1.0609	\$ 0.2544	\$ 1.3153
15 kVA 3 Phase - With Off Peak	UT015O	13	\$ 0.7078	\$ 0.1791	\$ 0.8869	\$ 0.6986	\$ 0.1691	\$ 0.8677
30 kVA 3 Phase - All Peak	UT030P	552	\$ 1.8209	\$ 0.4541	\$ 2.2750	\$ 1.7982	\$ 0.4311	\$ 2.2293
30 kVA 3 Phase - With Off Peak	UT030O	341	\$ 1.2184	\$ 0.3030	\$ 1.5214	\$ 1.2032	\$ 0.2885	\$ 1.4917
60 kVA 3 Phase - All Peak	UT060P	309	\$ 3.6944	\$ 0.9213	\$ 4.6157	\$ 3.6453	\$ 0.9147	\$ 4.5600
60 kVA 3 Phase - With Off Peak	UT060O	89	\$ 2.5153	\$ 0.6274	\$ 3.1427	\$ 2.4839	\$ 0.5996	\$ 3.0835
75 kVA 3 Phase - All Peak	UT075P	87	\$ 4.9607	\$ 1.2461	\$ 6.2068	\$ 4.8487	\$ 1.2117	\$ 6.0604
75 kVA 3 Phase - With Off Peak	UT075O	23	\$ 3.0395	\$ 0.7681	\$ 3.8076	\$ 2.9940	\$ 0.7490	\$ 3.7430
100 kVA 3 Phase - All Peak	UT100P	18	\$ 6.9982	\$ 1.7492	\$ 8.7474	\$ 6.8308	\$ 1.7193	\$ 8.5501
100 kVA 3 Phase - With Off Peak	UT100O	2	\$ 4.5284	\$ 1.1343	\$ 5.6627	\$ 4.4384	\$ 1.1044	\$ 5.5428
TPC Rural Residential								
Small Residential (8kVA 1 Phase) - All Peak	RD08P	97	\$ 0.8164	\$ 0.2026	\$ 1.0190	\$ 0.8022	\$ 0.1924	\$ 0.9946
Small Residential (8kVA 1 Phase) - With Off Peak	RD08O	112	\$ 0.5594	\$ 0.1321	\$ 0.6915	\$ 0.5456	\$ 0.1303	\$ 0.6759
Residential (20kVA 1 Phase) - All Peak	RD20P	1261	\$ 1.4935	\$ 0.3724	\$ 1.8659	\$ 1.4748	\$ 0.3638	\$ 1.8386
Residential (20kVA 1 Phase) - With Off Peak	RD20O	6819	\$ 1.0220	\$ 0.2548	\$ 1.2768	\$ 1.0092	\$ 0.2420	\$ 1.2512
Residential Low User								
Residential Low Fixed Price Option (8kVA 1 Phase) - All Peak	RDL08P	34	\$ 0.1201	\$ 0.0099	\$ 0.1500	\$ 0.1210	\$ 0.0090	\$ 0.1500
Residential Low Fixed Price Option (8kVA 1 Phase) - With Off Peak	RDL08O	203	\$ 0.0600	\$ 0.0100	\$ 0.0600	\$ 0.0400	\$ 0.0097	\$ 0.0500
Residential Low Fixed Price Option (20kVA 1 Phase) - All Peak	RDL20P	444	\$ 0.1201	\$ 0.0099	\$ 0.1500	\$ 0.1210	\$ 0.0090	\$ 0.1500
Residential Low Fixed Price Option (20kVA 1 Phase) - With Off Peak	RDL20O	1462	\$ 0.0600	\$ 0.0100	\$ 0.0600	\$ 0.0400	\$ 0.0097	\$ 0.0500
General Single Phase								
Street Lights (1 Phase) per light	RS001L	0	\$ 0.1178	\$ 0.0294	\$ 0.1472	\$ 0.1163	\$ 0.0279	\$ 0.1442
1 kVA 1 Phase - All Peak	RS001P	127	\$ 0.5108	\$ 0.1274	\$ 0.6382	\$ 0.5044	\$ 0.1210	\$ 0.6254
1 kVA 1 Phase - All Peak	RS001P	1015	\$ 0.8164	\$ 0.2026	\$ 1.0190	\$ 0.8022	\$ 0.1924	\$ 0.9946
1 kVA 1 Phase - With Off Peak	RS001O	23	\$ 0.5594	\$ 0.1321	\$ 0.6915	\$ 0.5456	\$ 0.1303	\$ 0.6759
20 kVA 1 Phase - All Peak	RS020P	127	\$ 1.4935	\$ 0.3724	\$ 1.8659	\$ 1.4748	\$ 0.3638	\$ 1.8386
20 kVA 1 Phase - With Off Peak	RS020O	304	\$ 1.0220	\$ 0.2548	\$ 1.2768	\$ 1.0092	\$ 0.2420	\$ 1.2512
General Three Phase								
15 kVA 3 Phase - All Peak	RT015P	285	\$ 1.2184	\$ 0.3030	\$ 1.5214	\$ 1.2032	\$ 0.2885	\$ 1.4917
15 kVA 3 Phase - With Off Peak	RT015O	14	\$ 0.8205	\$ 0.2050	\$ 1.0255	\$ 0.8151	\$ 0.1955	\$ 1.0106
30 kVA 3 Phase - All Peak	RT030P	239	\$ 2.9828	\$ 0.7484	\$ 3.7312	\$ 2.9592	\$ 0.7344	\$ 3.6936
30 kVA 3 Phase - With Off Peak	RT030O	438	\$ 1.4148	\$ 0.3628	\$ 1.7776	\$ 1.3971	\$ 0.3500	\$ 1.7471
60 kVA 3 Phase - All Peak	RT060P	451	\$ 4.2315	\$ 1.0550	\$ 5.2865	\$ 4.1786	\$ 1.0319	\$ 5.2105
60 kVA 3 Phase - With Off Peak	RT060O	697	\$ 2.5921	\$ 0.6451	\$ 3.2372	\$ 2.5696	\$ 0.6324	\$ 3.2020
75 kVA 3 Phase - All Peak	RT075P	74	\$ 6.7562	\$ 1.6821	\$ 8.4383	\$ 6.5471	\$ 1.6324	\$ 8.1795
75 kVA 3 Phase - With Off Peak	RT075O	48	\$ 4.2446	\$ 1.0644	\$ 5.3090	\$ 4.1441	\$ 1.0319	\$ 5.1760
100 kVA 3 Phase - All Peak	RT100P	26	\$ 9.9388	\$ 2.4723	\$ 12.4111	\$ 9.6929	\$ 2.4140	\$ 12.1069
100 kVA 3 Phase - With Off Peak	RT100O	13	\$ 6.3840	\$ 1.5960	\$ 7.9800	\$ 6.2611	\$ 1.5576	\$ 7.8187
Volume Variable Prices								
			Variable Price Distribution \$ per day MWh	Variable Price Transmission \$ per day MWh	Total Variable Price \$ per day MWh	Variable Price Distribution \$ per day MWh	Variable Price Transmission \$ per day MWh	Total Variable Price \$ per day MWh
All prices options except for Residential Low Fixed Price Options	28110		\$ 65.35	\$ 16.42	\$ 81.77	\$ 65.03	\$ 16.50	\$ 81.53
All Residential Low Fixed Price Option (8kVA 1 Phase)	219		\$ 88.84	\$ 22.16	\$ 111.00	\$ 87.73	\$ 21.03	\$ 108.76
All Residential Low Fixed Price Option (20kVA 1 Phase)	6916		\$ 109.95	\$ 27.42	\$ 137.37	\$ 108.57	\$ 26.03	\$ 134.60

* These tariff options require a 32 amp circuit breaker to be installed

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. The connection must meet the definition of "Domestic premises" under Section 5 of the Electricity Industry Act 2010.

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 MWh customer rate of **\$91.25**

The above Residential Low Fixed Price Option (20 kVA) variable price translates to a Day MWh customer price of **\$152.37**

The above Residential Low Fixed Price Option (8 kVA) variable price translates to a Day MWh customer price of **\$123.11**

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 controlled 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 Day	1.1350
	Winter Night	1.0619
	Summer Day	1.1256
	Summer Night	1.0592

PNL Line Loss Code

TPCOGXP - all Non-Half Hour Metered ICPs

PNL Line Loss Codes and Factors - for all Half Hour metered ICPs 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
- Okataua
- Teatapa
- Otari
- Nightcaps
- Mosburn
- Riversdale
- Manawatu
- Tapuae
- Eskdale
- Woddenburg
- Wallaceport
- Okataua

Power Factor Prices

All prices 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 price 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 assessed on the average of the 12 highest KWH half hour periods during the assessment period.

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