

The Power Company Limited

Notification of Line Charge Changes

Pursuant to the Electricity Distribution Information Disclosure Determination 2012, The Power Company Limited hereby gives notice that the following line charges will apply for Installation Control Points (ICPs) as from 1 April 2013.

This line charge notification is for all Domestic customers and Non-Domestic customers up to a contract capacity of 100kVA. Customers over 100kVA are assessed on an individual basis.

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

Pursuant to clause 2.4.19.(1)(b) of the Electricity Distribution Information Disclosure Determination 2012, new charges reflect an increase in Transmission charges and an increase in Distribution charges which allow us to operate and maintain the network in a safe and reliable manner.

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.

Contract Capacity Group	New Charges Effective from 1 April 2013					Previous Charges Effective to 31 March 2013		
	Code	Number of Consumers	Fixed Charge Distribution \$ per Day	Fixed Charge Transmission \$ per Day	Total Fixed Charge \$ per day	Fixed Charge Distribution \$ per Day	Fixed Charge Transmission \$ per Day	Total Fixed Charge \$ per day
Fixed Charges								
TPC Urban								
Domestic Fixed Charges								
Small Domestic (8kVA 1 Phase) - All Peak *	UD08P	57	\$ 0.662	\$ 0.164	\$ 0.8263	\$ 0.6518	\$ 0.1458	\$ 0.7976
Small Domestic (8kVA 1 Phase) - With Off Peak *	UD08Q	250	\$ 0.433	\$ 0.107	\$ 0.5405	\$ 0.4264	\$ 0.0954	\$ 0.5218
Standard Domestic (20kVA 1 Phase) - All Peak	UD20P	1070	\$ 1.191	\$ 0.296	\$ 1.4866	\$ 1.1728	\$ 0.2823	\$ 1.4351
Standard Domestic (20kVA 1 Phase) - With Off Peak	UD20Q	9872	\$ 0.831	\$ 0.206	\$ 1.0367	\$ 0.8178	\$ 0.1829	\$ 1.0007
Domestic Low User (8kVA 1 Phase) - All Peak*	UDL08P	35	\$ 0.120	\$ 0.030	\$ 0.1500	\$ 0.1226	\$ 0.0274	\$ 0.1500
Domestic Low User (8kVA 1 Phase) - With Off Peak*	UDL08Q	121	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Domestic Low User (20kVA 1 Phase) - All Peak	UDL20P	569	\$ 0.120	\$ 0.030	\$ 0.1500	\$ 0.1226	\$ 0.0274	\$ 0.1500
Domestic Low User (20kVA 1 Phase) - With Off Peak	UDL20Q	3680	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Domestic Single Phase Fixed Charges								
Street Lights (1 Phase)	US001L	9	\$ 0.096	\$ 0.024	\$ 0.1201	\$ 0.0947	\$ 0.0212	\$ 0.1159
1 kVA 1 Phase - All Peak	US001P	44	\$ 0.469	\$ 0.116	\$ 0.5856	\$ 0.4620	\$ 0.1033	\$ 0.5653
8 kVA 1 Phase - All Peak	US008P	200	\$ 0.662	\$ 0.164	\$ 0.8263	\$ 0.6518	\$ 0.1458	\$ 0.7976
8 kVA 1 Phase - With Off Peak	US008Q	18	\$ 0.433	\$ 0.107	\$ 0.5405	\$ 0.4264	\$ 0.0954	\$ 0.5218
20 kVA 1 Phase - All Peak	US020P	375	\$ 1.191	\$ 0.296	\$ 1.4866	\$ 1.1728	\$ 0.2823	\$ 1.4351
20 kVA 1 Phase - With Off Peak	US020Q	124	\$ 0.831	\$ 0.206	\$ 1.0367	\$ 0.8178	\$ 0.1829	\$ 1.0007
Non-Domestic Three Phase Fixed Charges								
15 kVA 3 Phase - All Peak	UT015P	91	\$ 0.987	\$ 0.245	\$ 1.2315	\$ 0.9715	\$ 0.2173	\$ 1.1888
15 kVA 3 Phase - With Off Peak	UT015Q	10	\$ 0.650	\$ 0.161	\$ 0.8109	\$ 0.6397	\$ 0.1431	\$ 0.7828
30 kVA 3 Phase - All Peak	UT030P	587	\$ 1.672	\$ 0.415	\$ 2.0872	\$ 1.6466	\$ 0.3683	\$ 2.0149
30 kVA 3 Phase - With Off Peak	UT030Q	107	\$ 1.119	\$ 0.278	\$ 1.3967	\$ 1.1018	\$ 0.2465	\$ 1.3483
50 kVA 3 Phase - All Peak	UT050P	304	\$ 3.393	\$ 0.842	\$ 4.2347	\$ 3.3406	\$ 0.7473	\$ 4.0879
50 kVA 3 Phase - With Off Peak	UT050Q	92	\$ 2.310	\$ 0.573	\$ 2.8832	\$ 2.2745	\$ 0.5088	\$ 2.7833
75 kVA 3 Phase - All Peak	UT075P	95	\$ 9.229	\$ 2.042	\$ 10.2713	\$ 8.1228	\$ 1.8125	\$ 9.9153
75 kVA 3 Phase - With Off Peak	UT075Q	23	\$ 5.547	\$ 1.376	\$ 6.9228	\$ 5.4613	\$ 1.2216	\$ 6.6829
100 kVA 3 Phase - All Peak	UT100P	14	\$ 15.243	\$ 3.782	\$ 19.0258	\$ 15.0090	\$ 3.3574	\$ 18.3664
100 kVA 3 Phase - With Off Peak	UT100Q	2	\$ 10.588	\$ 2.627	\$ 13.2146	\$ 10.4247	\$ 2.3319	\$ 12.7566
TPC Rural								
Domestic Fixed Charges								
Small Domestic (8kVA 1 Phase) - All Peak *	RD08P	96	\$ 0.746	\$ 0.185	\$ 0.9312	\$ 0.7346	\$ 0.1643	\$ 0.8989
Small Domestic (8kVA 1 Phase) - With Off Peak *	RD08Q	118	\$ 0.505	\$ 0.125	\$ 0.6309	\$ 0.4977	\$ 0.1113	\$ 0.6090
Standard Domestic (20kVA 1 Phase) - All Peak	RD20P	1230	\$ 1.372	\$ 0.340	\$ 1.7119	\$ 1.3505	\$ 0.3021	\$ 1.6526
Standard Domestic (20kVA 1 Phase) - With Off Peak	RD20Q	6769	\$ 0.939	\$ 0.233	\$ 1.1714	\$ 0.9241	\$ 0.2067	\$ 1.1308
Domestic Low User (8kVA 1 Phase) - All Peak*	RDL08P	26	\$ 0.120	\$ 0.030	\$ 0.1500	\$ 0.1226	\$ 0.0274	\$ 0.1500
Domestic Low User (8kVA 1 Phase) - With Off Peak*	RDL08Q	17	\$ 0.040	\$ 0.010	\$ 0.0500	\$ 0.0409	\$ 0.0091	\$ 0.0500
Domestic Low User (20kVA 1 Phase) - All Peak	RDL20P	299	\$ 0.120	\$ 0.030	\$ 0.1500	\$ 0.1226	\$ 0.0274	\$ 0.1500
Domestic Low User (20kVA 1 Phase) - With Off Peak	RDL20Q	1191	\$ 0.040	\$ 0.010	\$ 0.0500	\$ 0.0409	\$ 0.0091	\$ 0.0500
Non-Domestic Single Phase Fixed Charges								
Street Lights (1 Phase)	RS001L	10	\$ 0.108	\$ 0.027	\$ 0.1350	\$ 0.1065	\$ 0.0238	\$ 0.1303
1 kVA 1 Phase - All Peak	RS001P	129	\$ 0.469	\$ 0.116	\$ 0.5856	\$ 0.4620	\$ 0.1033	\$ 0.5653
8 kVA 1 Phase - All Peak	RS008P	968	\$ 0.746	\$ 0.185	\$ 0.9312	\$ 0.7346	\$ 0.1643	\$ 0.8989
8 kVA 1 Phase - With Off Peak	RS008Q	22	\$ 0.505	\$ 0.125	\$ 0.6309	\$ 0.4977	\$ 0.1113	\$ 0.6090
20 kVA 1 Phase - All Peak	RS020P	1911	\$ 1.372	\$ 0.340	\$ 1.7119	\$ 1.3505	\$ 0.3021	\$ 1.6526
20 kVA 1 Phase - With Off Peak	RS020Q	245	\$ 0.939	\$ 0.233	\$ 1.1714	\$ 0.9241	\$ 0.2067	\$ 1.1308
Non-Domestic Three Phase Fixed Charges								
15 kVA 3 Phase - All Peak	RT015P	270	\$ 1.119	\$ 0.278	\$ 1.3967	\$ 1.1018	\$ 0.2465	\$ 1.3483
15 kVA 3 Phase - With Off Peak	RT015Q	10	\$ 0.758	\$ 0.188	\$ 0.9462	\$ 0.7464	\$ 0.1670	\$ 0.9134
30 kVA 3 Phase - All Peak	RT030P	2109	\$ 1.913	\$ 0.475	\$ 2.3874	\$ 1.8834	\$ 0.4213	\$ 2.3047
30 kVA 3 Phase - With Off Peak	RT030Q	341	\$ 1.299	\$ 0.322	\$ 1.6217	\$ 1.2793	\$ 0.2862	\$ 1.5655
50 kVA 3 Phase - All Peak	RT050P	414	\$ 3.886	\$ 0.964	\$ 4.8504	\$ 3.8264	\$ 0.8559	\$ 4.6823
50 kVA 3 Phase - With Off Peak	RT050Q	682	\$ 2.659	\$ 0.660	\$ 3.3186	\$ 2.6180	\$ 0.5856	\$ 3.2036
75 kVA 3 Phase - All Peak	RT075P	65	\$ 9.877	\$ 2.451	\$ 12.3283	\$ 9.7256	\$ 2.1755	\$ 11.9011
75 kVA 3 Phase - With Off Peak	RT075Q	27	\$ 6.653	\$ 1.651	\$ 8.3042	\$ 6.5510	\$ 1.4654	\$ 8.0164
100 kVA 3 Phase - All Peak	RT100P	24	\$ 18.312	\$ 4.544	\$ 22.8551	\$ 18.0299	\$ 4.0331	\$ 22.0630
100 kVA 3 Phase - With Off Peak	RT100Q	9	\$ 12.705	\$ 3.152	\$ 15.8574	\$ 12.5095	\$ 2.7983	\$ 15.3078
Volume Variable Charges								
			Variable Charge Distribution \$ per day MWh	Variable Charge Transmission \$ per day MWh	Total Variable Charge \$ per day MWh	Variable Charge Distribution \$ per day MWh	Variable Charge Transmission \$ per day MWh	Total Variable Charge \$ per day MWh
All price options except for Domestic Low User	28793	\$	60.14	15.34	75.48	58.78	14.08	72.86
All Domestic Low User (8kVA 1 Phase)	199	\$	81.13	20.69	101.82	78.60	18.85	97.45
All Domestic Low User (20 kVA 1 Phase)	5739	\$	100.40	25.80	126.00	96.78	23.21	119.99

Definitions:

The variable rates shown apply to the Day MWh Purchases as metered at the Transpower Grid Supply Point. Day is defined as 0700 - 2300 hours.

* These tariff options require a 32 amp circuit breaker to be installed on the meter board.

The above variable rate translates to a Day MWh customer rate of **\$83.72**
 The above 10% fixed charge option (20 kVA) variable rate translates to a Day MWh customer rate of **\$139.77**
 The above 10% fixed charge option (8 kVA) variable rate translates to a Day MWh customer rate of **\$112.94**

Line Losses

Line loss factors for all non-half hour metered ICPs are:

Winter Day	1.1350
Winter Night	1.0819
Summer Day	1.1256
Summer Night	1.0592

PNL Line Loss Code

TPCOGXP Summer is defined as 1 October - 30 April
 Winter is defined as 1 May - 30 September

Domestic Low User options - these options are available to domestic households only and must be the customers primary place of residence, usage must be at least 1000kWh for each four month period of the year.

All Peak/ With Off Peak Options - to qualify for With Off Peak contract supply capacity a minimum of 25% of total energy usage must be on a controlled, separately metered rate, or be on night rate of day/night metering.

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
- > Maitara
- > 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 assessed 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.