

POWERNET LIMITED LINE PRICING METHODOLOGY FOR THE POWER COMPANY LIMITED NETWORK AS AT 1 APRIL 2009

1. INTRODUCTION

- 1.1 PowerNet Limited (PNL) has a responsibility for the management of the network assets owned by The Power Company Limited (TPCL).
- 1.2 The total line charge is based on the following components:
 - (a) Transmission Grid Asset Management costs (Transpower)
 - (b) Sub transmission costs – 66,000 and 33,000V line and cables and 30 zone substations
 - (c) Distribution costs - 11,000, 400V networks and distribution substations
 - (d) PowerNet overheads, Board costs, and System Control costs
 - (e) TPCL use charge comprising depreciation, return on investment and other costs of ownership.
- 1.3 The derivation of the line charges is based on seven consumer profile parameters. They are:
 - (a) The Contract Capacity kVA (kW) of the installation
 - (b) The Winter Peak demand kVA (kW) (0700-1100 hours and 1700-2100 hours, each week day between June and August inclusive)
 - (c) The Winter Peak energy MWh (0700-1100 hours and 1700-2100 hours, each week day between May and September inclusive)
 - (d) The Winter Day energy MWh (0700-2300 hours, May to September inclusive)
 - (e) The Summer Day energy MWh (0700-2300 hours, October to April inclusive)
 - (f) The Total energy for the 12 month period MWh.
 - (g) Coincident Peak demand with Transpowers 100 highest peaks for the lower South Island (kVA), half hour metered customers only.
- 1.4 The basis of allocation of Transpower connection charges and sub transmission costs is on the after diversity maximum demand for each customer during the periods of network maximum demand. Similarly the allocation of the distribution costs is on an after diversity distribution capacity of the customer's installation.

The PowerNet methodology takes into account the duration that the customer impacts on the peak loading hours of the network. This is achieved by allocating some of the Transmission, sub transmission and distribution costs based on the Winter Peak energy and the Winter Day energy.

This in effect reduces the charges for a customer who incurs just one half hour peak for the whole winter or is only impacting on the peak hours for

part of the winter and increases the charges for those customers who are impacting regularly on the peak periods during the whole winter.

It has the effect of integrating the peak demand over a longer period.

- 1.5 The Winter Peak demands for the various customers and customer groups have a diversity factor applied to them which reflects to some extent their impact on the total after diversity maximum demand on the network. These diversity factors, based on their peak demands, are as follows:

1kVA = 100%

2kVA to 110kVA = ramp function from 13.75% to 39%

Between 110kVA and 3000kVA = ramp function from 40% - 95%

Above 3000kVA = 95%.

These diversity factors reflect the increased diversity of a large number of smaller customers compared to less diversity for the larger customers.

- 1.6 Similarly diversity factors are applied to the contract capacities of the various customers. These diversity factors are as follows:

For connections up to 50kVA = 30%

For connections between 51kVA and 100kVA = 30% - 75%

For connections between 101kVA and 2500kVA = ramp function from 75% - 95%

For connections above 2500kVA = 95%.

These diversities reflect the differing impacts of the different sized customers on the local capacity of the reticulation system. There is an increased diversity between the smaller customers than with the large customers with respect to the capital investment in the local distribution network.

- 1.7 There are two defined types of consumers. They are as follows:

(a) Individual Consumers

These consumers have half-hour or time-of-use meters, including kVA maximum demand registers.

In most cases these installations have contract capacities in excess of 100kVA. Due to their size, these consumers have a higher impact on the network design and operation and therefore their geographic location is taken into account when calculating their individual line charges. This also provides a signal for future investment and through the correct pricing discourages network bypass. In the case of these consumers, there are also individual calculated or estimated loss factors.

These consumers, through the half-hour or time-of-use metering, have individual profiles which are used to calculate the line charges. Metering of these consumers includes kVA demand metering which provides the winter or seasonal peak demand and also the anytime peak demand. The latter figures are used in the calculation of line charges and to determine the contract capacity. For these

consumers, the contract capacity is based on the next highest standard transformer size above their anytime demand or, alternatively, as per the original contract if growth is predicted and the network has been designed and built to supply the increased level.

Irrigation Installations and Embedded Networks

Irrigation installations and embedded networks are a sub group of individual consumers. An "Irrigation Installation" is a connected customer's installation, which is used solely for pumping water commercially for irrigating farmland. An "Embedded Network" is an electricity distribution network that is owned by someone other than The Power Company Limited and is connected to The Power Company's network via a registered Network Supply Point. The embedded network must be metered with a compliant half hour meter at the NSP. Due to the uncertain nature of electricity consumption in both irrigation installations and embedded networks this sub group of installations will have their line charges calculated in the same way as individual customers, but will have the total line charge recovered with a fully fixed line charge.

(b) Group Consumers

For Group consumers, their individual meter readings or locations do not determine the initial line charges.

The bases for the different consumer groups are contract capacity and whether there is significant controllable load on the premises. The latter point qualifies the consumer for either an "all peak" or "with off peak" line charge. Different consumer groups are based on practical fuse sizes. The eligibility for a "with off peak" line charge is determined on the basis that at least 25% of the total energy consumption has to be separately metered and consumed between 23:00 and 07:00 hours or by an appropriate ripple controlled appliance, such as a water heater.

All domestic consumers are classed as single-phase irrespective of whether they are supplied two-phase or three-phase. This is due to the fact that for many of the consumers there was no choice in their method of supply and there are many older multi-phase domestic installations. All old domestic consumer installations are classed as "historic domestic".

The 8kVA domestic 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.

The group consumer segments are divided into two areas taking into account the types of reticulation involved in their supply. These distinct groupings are classed as urban and rural.

The urban areas are defined areas within Southland including all the small townships and city areas.

The remaining areas are classified as rural and there is a price cap on the fixed charge component of the line charge.

1.8 The costs of the sub transmission and distribution components of the line charges are split into two categories:

1. Supply

The “supply” part is based on the depreciation of the network assets, other ownership costs and the cost of capital required to fund the assets. The Power Company Limited requires a “Use Charge (lease charge) for its assets from PowerNet (the asset manager). This Use Charge includes the allowance for depreciation for its assets and its required gross return. This is not the net return on investment but the gross return before expenses and tax. As the company is owned by a consumer trust, the required gross return is presently comparatively low as most of the consumer shareholders receive an implicit benefit in the way of reduced line charges.

The estimated carrying value of The Power Company network at 1 April 2009 is \$262 million. The Use Charge of \$24.05 million is represented by depreciation of \$12.48 million, ownership costs of \$0.87 million and a gross return or net profit before tax of \$10.70 million, the later equating to 4.1% of the carrying value of the assets.

Asset Impairment and Future Pricing

Prior to threshold based regulation, with consumer trust stewardship, the Company had the ability to increase prices if or when required for capital or increased maintenance expenditure due to major growth, unexpected events or renewing equipment reaching the end of its life cycle.

Operating within the confines of the price path regulation has restricted the ability of the company to respond to these influences when required.

The rate of return on the lines business assets for The Power Company Limited is one of the lowest in the country and is below the Company's Weighted Average Cost of Capital (WACC). The continued operation of the company at these low returns runs the risk of eroding the asset base over time, could result in value impairment (audit requirements under NZIAS 36) and would not be in the long term interest of the consumers.

Five years ago the Company embarked on a five year programme to improve its return on assets towards WACC at the end of the five years through improving operational efficiency and increasing line charge rates. The Company will then have discretion over the use of this increased return to be used for expanding the business of the Company, meeting operational and capital requirements, debt reduction or as a discount to its consumers.

2. Maintenance

The “maintenance” part is based on the Maintenance Works Programme for the current year.

Management costs for capital and maintenance work are allocated to Supply and Maintenance respectively.

1.9 The application of fixed and variable charges is not based on the derivation of the line charge but is an application of the line charge to the end-use consumer. The objectives behind the fixed and variable charges are as follows:

1. The 50:50 fixed:variable line charge is a compromise between a totally fixed charge which would benefit the large consumer within a load group and a totally variable charge which would benefit the small consumer within a load group. Due to the uncertain and variable consumption levels of irrigation supplies and embedded networks, the line charges for these consumer groups are recovered by a 100% fixed line charge.
2. As stated above, the fixed and variable charge allows the larger consumer in a load group to pay more which reflects to some extent their reduced diversity on the maximum demands seen at sub transmission and transmission level. Although the distribution network in the vicinity of the premises has to have enough capacity to supply the full capacity of the installation, the remainder of the network is designed to take into account the diversity between consumer demands. As a general rule, the less energy a consumer uses, the greater the diversity, hence the less capital investment required to supply. A totally fixed line charge does not take this into account so there would need to be more load sub-groups such as very small, small, medium, large and very large domestic consumers besides the existing All Peak and With Off Peak categories.
3. It is important to note that the variable charge is on daytime energy only, so domestic consumers with large night loads, such as storage or water heating, do not pay extra as this consumption is utilising network assets, the capacity of which is designed on the basis of and costs recovered by the peak load in daytime hours. This encourages better utilisation of the network and less capital investment.
4. Retailers may directly pass through a totally fixed charge to consumers.
5. It is a means whereby the line owner can share the risk of climatic variations and be responsive to changes in the local economy. It has been well received in the commercial market that when a consumer has a production downturn or invests in energy conservation measures, there is an immediate response through a reduction in the variable charges.

6. Consumers also have the opportunity to shift load to night time to receive immediate benefits.
7. If a consumer is expanding the business, the variable charges mean that the line owner can receive some immediate extra revenue and it can also cushion the increase in line charges for the following year.

The practical application of a variable component of the line charge for the group consumers resulted in a necessity for a uniform variable charge and individual fixed charges for each segment.

The variable charge component is based on daytime energy usage, i.e. between 07:00 and 23:00 hours. Hence, night time consumption does not contribute directly to the line charge account.

The profile parameters for determining the line charges for the individual customers are:

ICP Number Non Half Hour Metered	Contract Capacity kVA	Peak Demand Reading kVA	Total Energy Reading MWh	Winter Peak Reading MWh	Winter Day Reading MWh	Summer Day Reading MWh
1015827TP-5C5	150	98	142	25	51	55
110146TP-A8C	200	120	145	21	48	80
110197TP-B8B	150	125	222	24	68	130
112267TP-BDF	150	89	53	10	34	12
116195TP-ECE	150	150	318	45	99	139
118447TP-ECC	150	135	143	19	43	64
118468TP-C47	100	80	227	33	84	88
1186119TP-9E7	200	299	283	48	131	146
118615TP-C46	200	150	326	46	120	119
141990TP-498	150	150	20	3	5	15
142817TP-7FC	150	135	91	18	36	32
157641TP-7B1	150	135	57	9	17	26
180710TP-2C9	150	150	51	9	18	24
184621TP-6F0	50	45	70	15	34	20
184687TP-F60	150	135	152	30	61	53
190101TP-AC6	150	135	124	23	45	47
192519TP-D3E	150	121	133	4	9	11
221318TP-720	150	135	70	15	32	21
240375TP-473	150	134	341	50	139	117
240526TP-6BD	150	85	217	23	60	94
241126TP-B1C	150	150	207	37	77	45
250351TP-0CD	300	148	596	70	189	228
300360TP-C68	75	22	10	1	3	4
313732TP-2E5	200	200	320	26	84	211
314914TP-C54	200	281	352	26	71	255
373002TP-847	200	100	107	13	28	66
389990TP-5F0	150	44	183	14	33	97
389997TP-83A	200	74	184	17	42	88
391396TP-B94	150	100	132	20	50	60
396517TP-0FD	50	30	25	11	20	15
4004001TP-401	150	50	70	12	31	30
400440TP-B34	100	44	135	16	38	46
400495TP-B39	200	95	396	40	108	182
404955TP-F5E	100	64	109	19	48	42
405190TP-453	150	66	200	20	51	104
405350TP-9BB	150	75	257	26	69	113
405508TP-5A1	200	125	520	64	177	183
405769TP-C13	200	99	200	21	48	101
416731TP-C0E	150	89	131	23	57	48
4182832TP-1BD	200	192	427	61	140	178
4182836TP-0B7	150	189	867	90	256	330
482070TP-CA8	300	300	122	14	38	53
502013TP-4D1	150	100	51	5	13	25
517704TP-375	150	136	135	20	44	57

ICP Number Non Half Hour Metered	Contract Capacity kVA	Peak Demand Reading kVA	Total Energy Reading MWh	Winter Peak Reading MWh	Winter Day Reading MWh	Summer Day Reading MWh
525441TP-DF0	150	135	43	6	14	17
5290993TP-D4F	150	59	79	15	34	32
543645TP-165	30	10	24	5	10	12
549325TP-5D0	500	128	692	88	238	243
549615TP-72D	150	83	301	42	111	98
5672985TP-1EF	100	84	68	11	26	27
5791154TP-B14	150	136	220	30	77	88
5791985TP-A1E	150	136	110	20	41	41
595728TP-15B	500	254	112	23	47	52
615269TP-92F	300	281	310	54	123	160
624606TP-58C	150	150	142	15	30	77
625837TP-99A	150	163	223	42	101	110
632751TP-46B	150	33	54	8	22	21
6438485TP-221	200	54	118	14	39	45
656382TP-D30	100	10	1	1	1	1
800113TP-837	100	18	100	8	25	43
800118TP-6E3	150	150	15	2	5	7
8001275TP-A4C	75	75	116	15	31	56
800128TP-11B	100	100	4	1	2	2
8001305TP-615	30	43	55	9	18	24
8001505TP-013	300	128	461	64	154	201
800150TP-652	100	90	127	21	46	48
800151TP-A17	100	37	129	16	38	60
8001611TP-8B7	30	41	131	16	41	45
800167TP-C60	150	96	429	49	135	207
8001708TP-54F	100	50	24	3	9	11
8001875TP-046	200	10	2	1	1	1

ICP Number Half Hour Metered	Contract Capacity kVA	Coincident Peak Demand Reading kVA	Peak Demand Reading kVA	Total Energy Reading MWh	Winter Peak Reading MWh	Winter Day Reading MWh	Summer Day Reading MWh
100109TP-F16	100	38	112	174	32	78	60
116167TP-E5C	150	19	40	123	18	48	34
1164012TP-00A	300	50	240	559	70	202	119
1186118TP-5A2	200	67	97	368	42	118	130
141326TP-DAF	200	56	109	516	45	129	223
141806TP-3F4	150	1	10	142	1	1	94
141924TP-720	200	1	100	375	3	5	261
1421365TP-AF8	150	80	100	228	16	45	128
143131TP-38F	30	10	10	1	1	1	1
150910TP-893	500	52	220	552	73	162	195
150912TP-816	750	62	239	285	19	47	119
150925TP-224	150	62	109	178	59	164	158
150931TP-983	500	143	285	400	76	171	213
166724TP-C86	300	254	400	1627	186	510	612
176630TP-6C4	150	34	98	242	40	106	60
177096TP-8F2	150	62	169	344	57	142	124
181911TP-927	75	58	71	549	35	95	135
1819179TP-7AE	150	52	107	275	36	107	142
1819183TP-528	150	20	38	111	16	40	41
1819727TP-A3B	100	12	47	115	13	41	57
181975TP-7DD	150	39	99	363	46	143	184
182010TP-E8B	100	70	112	352	58	140	140
185015TP-7A4	200	10	75	62	10	29	22
186250TP-0A9	750	33	148	281	52	134	68
192534TP-F30	150	27	51	148	21	61	71
192544TP-A6D	300	232	322	1566	222	597	643
204735TP-7C2	100	27	100	143	24	62	47
235545TP-814	200	87	131	461	72	183	190
244381TP-3EE	50	2	10	99	1	2	66
249945TP-521	150	35	62	275	17	43	158
304798TP-4EA	300	25	145	91	19	47	42
315340TP-EFC	500	150	600	459	38	131	179

ICP Number Half Hour Metered	Contract Capacity kVA	Coincident Peak Demand Reading kVA	Peak Demand Reading kVA	Total Energy Reading MWh	Winter Peak Reading MWh	Winter Day Reading MWh	Summer Day Reading MWh
318907TP-1B9	100	12	80	90	3	6	60
3193735TP-319	200	20	13	282	2	1	189
319705TP-697	150	2	5	189	1	1	127
319736TP-DAF	200	11	10	143	1	1	102
331280TP-F5A	150	3	5	119	0	0	79
333040TP-1F2	200	3	10	258	1	1	172
333049TP-FA3	150	7	5	191	2	7	123
3330508TP-D6D	300	2	5	104	2	4	72
3330513TP-914	150	7	47	182	1	1	121
362484TP-9C2	200	128	236	542	76	205	244
364828TP-B0F	150	3	25	18	3	9	5
3764605TP-D7E	300	190	195	700	95	240	300
382896TP-29B	200	1	10	99	1	2	66
389999TP-BA1	300	17	71	92	6	15	48
391339TP-C55	50	9	18	63	7	19	27
401815TP-3DF	300	100	200	500	95	250	250
403101TP-231	150	38	105	279	48	101	96
405386TP-576	150	7	84	48	8	21	16
405545TP-85F	150	46	70	139	16	47	86
418284TP-E36	500	238	402	338	78	163	168
424510TP-575	500	191	246	766	96	208	433
4245295TP-206	150	19	55	74	15	38	29
426599TP-D2E	500	118	212	975	118	316	426
427512TP-710	150	10	58	35	6	19	12
4370715TP-029	500	137	238	357	63	132	178
437074TP-48B	1000	368	686	1115	205	431	513
437078TP-795	1000	266	376	1115	167	341	423
444030TP-F7D	200	75	189	334	61	147	110
482021TP-8E5	150	23	54	143	23	56	46
482074TP-DA2	200	33	49	58	10	26	32
520373TP-2AF	1500	277	562	779	164	353	394
521003TP-551	75	36	46	154	19	53	67
522002TP-BF4	150	93	146	296	45	114	140
530906TP-856	300	74	189	478	49	166	177
5552033TP-EA2	3000	500	819	9500	600	1250	3430
5552049TP-96E	300	250	250	783	74	178	368
5552055TP-ODD	2000	985	1362	6735	632	1614	3124
556467TP-973	1000	364	591	2629	307	840	956
556470TP-E14	300	241	290	1250	148	350	473
556472TP-E91	150	2	119	15	5	9	4
564570TP-57C	50	12	33	106	11	34	46
5678995TP-502	200	33	119	302	35	125	93
568266TP-ADC	500	148	492	1515	129	377	428
5682737TP-04F	300	14	94	236	9	23	32
5684239TP-311	150	40	120	300	24	60	55
568791TP-204	100	37	66	285	31	92	121
569639TP-0AB	150	19	71	45	6	18	23
569640TP-BA7	200	17	155	95	11	31	35
5791016TP-030	50	18	39	141	14	41	61
5791226TP-DCF	300	74	149	502	69	181	183
579184TP-AA1	100	24	102	245	22	55	38
589190TP-49A	150	41	129	185	31	77	66
612680TP-5A5	100	28	58	154	13	38	80
617670TP-292	750	113	220	535	73	177	230
6204404TP-OE5	1000	373	583	1693	278	554	691
6204405TP-CA0	300	165	250	557	92	183	226
6204407TP-C25	500	275	468	1803	221	557	665
6204408TP-3FB	750	412	552	2223	293	690	843
620456TP-103	750	166	287	745	125	259	302
624649TP-8F7	500	38	117	359	4	10	204
632798TP-DD5	100	14	91	124	3	10	73
633335TP-730	750	500	600	240	45	90	120
633604TP-988	200	17	116	157	7	20	86
634528TP-0A0	30	9	10	53	3	9	27
637250TP-A0B	750	109	372	551	119	38	306
6375055TP-7DC	500	67	257	550	12	29	348
642956TP-513	200	7	8	10	4	4	6

ICP Number Half Hour Metered	Contract Capacity kVA	Coincident Peak Demand Reading kVA	Peak Demand Reading kVA	Total Energy Reading MWh	Winter Peak Reading MWh	Winter Day Reading MWh	Summer Day Reading MWh
6438465TP-89B	500	115	263	601	103	240	242
643847TP-B5F	500	72	189	258	46	106	109
643886TP-0F5	200	44	129	55	11	29	35
657599TP-EEF	100	17	46	116	19	43	41
690224TP-CD4	150	20	43	166	22	59	52
8001011TP-EB1	300	71	304	434	62	167	157
8001015TP-FBB	300	173	270	1204	139	375	492
800103TP-29A	300	83	124	558	60	133	250
8001045TP-7B3	500	249	437	1335	163	362	630
800104TP-F50	500	343	463	1994	223	565	893
800105TP-315	10000	6385	10338	45694	4238	10678	21314
800107TP-390	200	97	212	805	68	170	384
800114TP-5FD	500	109	257	1744	163	443	719
800116TP-578	6000	1347	1956	8591	921	2439	3597
800120TP-30F	200	50	207	80	12	35	42
800121TP-F4A	2000	820	1489	6364	721	1952	2630
8001245TP-DB4	500	113	566	367	52	131	229
800124TP-205	1000	675	824	4525	554	1301	1672
800125TP-E40	2000	1017	1683	5245	704	1531	2613
800127TP-EC5	300	23	60	189	27	76	56
800130TP-9A2	300	257	323	1782	213	573	760
8001315TP-CB8	2250	857	1400	7600	800	3500	3900
800131TP-5E7	2500	694	1102	2836	442	967	1079
8001320TP-60F	300	67	158	180	32	68	80
800132TP-927	100	34	36	278	27	78	109
800133TP-562	4500	21	357	69	6	15	30
800134TP-8A8	5000	2693	4589	17505	2002	4913	8461
8001365TP-9E5	750	290	571	2529	264	710	1094
800139TP-7F3	300	88	196	487	76	172	214
800146TP-D70	22000	8852	16680	62802	5220	9277	32538
800147TP-135	150	74	107	486	63	160	200
800149TP-2AE	300	245	289	1433	178	468	592
800152TP-6D7	1000	350	982	3843	262	638	2156
800153TP-A92	500	80	182	278	43	120	137
800155TP-B1D	300	301	321	2551	253	716	983
800158TP-446	3500	1062	2336	4818	677	1821	2120
800161TP-DEF	500	110	183	658	89	200	270
800163TP-D6A	300	64	130	368	44	102	163
800164TP-0A0	500	159	300	844	102	234	391
800166TP-025	200	44	155	320	30	88	150
8001695TP-CF7	500	260	348	1961	191	488	873
800169TP-FFB	150	78	110	529	53	142	223
800170TP-B07	750	214	461	1433	143	317	602
800171TP-742	1500	329	559	1517	212	533	618
8001801TP-411	1000	665	911	4337	539	1387	1521
8001815TP-FB6	1000	748	1089	3357	531	1046	1360
800181TP-755	500	160	261	671	109	232	283
800186TP-A9F	750	404	831	1701	85	256	1117

The profile parameters for determining the line charges for the Group customers are:

Consumer Capacity	Code	Number of Connections	After Diversity Peak Demand kW	Total Energy Group MWh	Winter Peak Group MWh	Winter Day Group MWh	Summer Day Group MWh
TPC Urban							
Domestic							
Small Domestic (8kVA 1 Phase) - All Peak	UD08P	63	65	257	40	91	102
Small Domestic (8kVA 1 Phase) - With Off Peak	UD08Q	315	275	1283	149	409	498
Standard Domestic (20kVA 1 Phase) - All Peak	UD20P	1107	2845	11269	1744	3997	4469
Standard Domestic (20kVA 1 Phase) - With Off Peak	UD20Q	11310	24711	115137	13366	36756	44744
10% Fixed Charge Option - All Peak	UDL20P	366	941	2070	320	734	821
10% Fixed Charge Option - With Off Peak	UDL20Q	2081	4547	11769	1366	3757	4574
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	UDL08P	16	16	58	7	21	23
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	UDL08Q	54	47	195	23	62	76
Non-Domestic Single Phase							
Street Lights (1 Phase)	US001L	3,143	801	2490	385	883	987
1 kVA 1 Phase - All Peak	US001P	42	42	391	61	139	155
8 kVA 1 Phase - All Peak	US008P	166	171	676	105	240	268
8 kVA 1 Phase - With Off Peak	US008Q	22	19	90	10	29	35
20 kVA 1 Phase - All Peak	US020P	392	1008	3991	618	1416	1582
20 kVA 1 Phase - With Off Peak	US020Q	127	277	1293	150	413	502
Non-Domestic Three Phase							
15 kVA 3 Phase - All Peak	UT015P	67	129	512	79	181	203
15 kVA 3 Phase - With Off Peak	UT015Q	17	28	130	15	41	50
30 kVA 3 Phase - All Peak	UT030P	571	2649	7460	1155	2646	2958
30 kVA 3 Phase - With Off Peak	UT030Q	107	422	1398	162	446	543
50 kVA 3 Phase - All Peak	UT050P	301	3113	10958	1696	3887	4345
50 kVA 3 Phase - With Off Peak	UT050Q	92	809	3349	389	1069	1302
75 kVA 3 Phase - All Peak	UT075P	96	1959	5517	854	1957	2188
75 kVA 3 Phase - With Off Peak	UT075Q	23	399	1322	153	422	514
100 kVA 3 Phase - All Peak	UT100P	11	371	1045	162	371	414
100 kVA 3 Phase - With Off Peak	UT100Q	3	86	285	33	91	111
TPC Rural							
Domestic							
Small Domestic (8kVA 1 Phase) - All Peak	RD08P	106	109	432	67	153	171
Small Domestic (8kVA 1 Phase) - With Off Peak	RD08Q	153	134	623	72	199	242
Standard Domestic (20kVA 1 Phase) - All	RD20P	1,119	2876	11391	1763	4041	4517

Consumer Capacity	Code	Number of Connections	After Diversity Peak Demand kW	Total Energy Group MWh	Winter Peak Group MWh	Winter Day Group MWh	Summer Day Group MWh
Peak Standard Domestic (20kVA 1 Phase) - With Off Peak	RD20Q	6,897	15069	70212	8151	22415	27286
10% Fixed Charge Option - All Peak	RDL20P	208	535	1176	182	417	466
10% Fixed Charge Option - With Off Peak	RDL20Q	584	1276	3303	383	1054	1284
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	RDL08P	12	12	49	8	17	19
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	RDL08Q	6	5	24	3	8	9
Non-Domestic Single Phase & Holiday Homes							
Street Lights (1 Phase)	RS001L	517	132	410	63	145	162
1 kVA 1 Phase - All Peak	RS001P	128	128	1193	185	423	473
8 kVA 1 Phase - All Peak	RS008P	872	897	3551	550	1260	1408
8 kVA 1 Phase - With Off Peak	RS008Q	27	24	110	13	35	43
20 kVA 1 Phase - All Peak	RS020P	2,068	5316	21052	3259	7468	8348
20 kVA 1 Phase - With Off Peak	RS020Q	218	476	2219	258	708	862
Non-Domestic Three Phase							
15 kVA 3 Phase - All Peak	RT015P	230	443	1756	272	623	696
15 kVA 3 Phase - With Off Peak	RT015Q	15	25	115	13	37	45
30 kVA 3 Phase - All Peak	RT030P	2,263	10497	29564	4576	10487	11724
30 kVA 3 Phase - With Off Peak	RT030Q	316	1246	4128	479	1318	1604
50 kVA 3 Phase - All Peak	RT050P	403	4168	14672	2271	5204	5818
50 kVA 3 Phase - With Off Peak	RT050Q	556	4887	20242	2350	6462	7866
75 kVA 3 Phase - All Peak	RT075P	54	1102	3103	480	1101	1231
75 kVA 3 Phase - With Off Peak	RT075Q	20	347	1149	133	367	447
100 kVA 3 Phase - All Peak	RT100P	24	810	2280	353	809	904
100 kVA 3 Phase - With Off Peak	RT100Q	8	229	760	88	243	295

2. TRANSMISSION CHARGES

Transmission charges reflect the Transpower grid asset management costs incurred by The Power Company Ltd based on the four points of supply and also include the equivalent costs of the Pioneer Generation point of supply at Monowai Power Station in Western Southland, the Meridian Wind Farm at White Hill and the Matura Industrial Park Hydro generation at Matura.

The five points of supply are:

- (a) Gore
- (b) Edendale
- (c) Invercargill
- (d) North Makarewa
- (e) Monowai, White Hill, Matura

Trans Power transmission charges have two components:

- (a) Connection charge
- (b) Interconnection charge

2.1 Connection Charge

The Transpower connection charge is based on the Transpower local assets utilised to provide the supply.

In the case of the Invercargill point of supply the connection charge is split between The Power Company Limited and Electricity Invercargill Limited, each network connected to the transmission grid there.

The total connection charges for each point of supply are:

	Connection
(a) Gore	\$546,127
(b) Edendale	\$238,105
(c) Invercargill	\$368,793
(d) North Makarewa	\$717,682

The total connection charge for Invercargill is \$1,127,231. The Power Company's share is \$368,793.

The connection charges are applied to customers on the basis of the following allocation:

Winter Peak Demand	70%
Winter Peak Energy	20%
Winter Day Energy	10%

For individual customers this equates to:

Point of Supply	Per kVA Peak Demand	Per Winter Peak MWh	Per Winter Day MWh
Gore	\$10.66	\$5.65	\$1.92
Edendale	\$7.39	\$5.98	\$1.89
Invercargill (TPCL)	\$7.66	\$3.84	\$1.31
North Makarewa	\$8.34	\$4.25	\$1.44

After the revenue from the individual customers has been subtracted from the total the remaining group customer charges are as follows:

	Per kVA Peak Demand	Per Winter Peak MWh	Per Winter Day MWh
All Points of Supply	\$8.62	\$4.85	\$1.56

The difference in the two sets of rates above reflects the difference in losses and diversity factors between the large individual customers and the smaller customer groups.

2.2 Interconnection Charge

This charge is based on the average of the 100 highest coincident peak demands at each point of supply with that recorded for Transpower's lower south island region during the period 1 September to 31 August each year.

The total interconnection charges for each point of supply are:

(a)	Gore	\$1,748,174
(b)	Edendale	\$976,773
(c)	Invercargill	\$1,617,645
(d)	North Makarewa	\$2,526,670
(e)	Monowai, White Hill, Matura	\$522,578

The Power Company's share of the Invercargill interconnection charge of \$4,261,082 is \$1,617,645.

The interconnection charges are applied to customers on the basis of the following allocation:

Half Hour Metered:

Coincident peak with lower south island region 100%

Non Half Hour Metered:

Winter Peak Demand	60%
Winter Peak Energy	30%
Winter Day Energy	10%.

For individual Non Half Hour Metered customers this equates to the following charges:

Point of Supply	Per kVA Peak Demand	Per Winter Peak MWh	Per Winter Day MWh
Gore	\$29.24	\$27.13	\$6.14
Edendale	\$25.99	\$36.82	\$7.77
Invercargill (TPCL)	\$28.79	\$25.29	\$5.75
North Makarewa	\$30.39	\$22.45	\$5.09

For individual Half Hour Metered customers this equates to the following charges:

Point of Supply	Per kVA Coincident Peak Demand
Gore	\$70.94
Edendale	\$70.94
Invercargill (TPCL)	\$70.94
North Makarewa	\$70.94

After the revenue from the individual customers has been subtracted from the total the remaining group customer charges are as follows:

	Per kVA Peak Demand	Per Winter Peak MWh	Per Winter Day MWh
All Points of Supply	\$27.1	\$26.67	\$5.73

The differences in the above rates reflect the differences in losses and diversity factors between the large individual customers and the small customer groups.

2.3 Transpower Revenue for Individual Customers

The total Transpower revenue for individual customers grouped by capacity is shown in the following table:

Consumer Capacity kVA	Number of Connections	Line Charge Revenue per Consumer Group	Average Line Charge
30	5	\$3,483	\$697
50	6	\$5,036	\$839
75	4	\$9,022	\$2,256
100	21	\$38,749	\$1,845
150	65	\$179,508	\$2,762
200	33	\$114,833	\$3,480
300	28	\$277,553	\$9,913
500	24	\$285,521	\$11,897
750	10	\$189,567	\$18,957
1000	8	\$316,735	\$39,592
1500	2	\$49,724	\$24,862
2000	3	\$236,108	\$78,703
2250	1	\$78,122	\$78,122
2500	1	\$56,784	\$56,784
3000	1	\$42,109	\$42,109
3500	1	\$102,247	\$102,247
4500	1	\$3,245	\$3,245
5000	1	\$260,605	\$260,605
6000	1	\$114,155	\$114,155
10000	1	\$563,238	\$563,238
22000	1	\$908,311	\$908,311

2.4 Transpower Revenue for Group Customers

The total Transpower revenue for group customers is shown in the following table.

Consumer Capacity	Code	Number of Connections	TransPower Charge	TransPower Revenue per Consumer Group
TPC Urban				
Domestic				
Small Domestic (8kVA 1 Phase) - All Peak	UD08P	63	\$63	\$3,940
Small Domestic (8kVA 1 Phase) - With Off Peak	UD08Q	315	\$52	\$16,429
Standard Domestic (20kVA 1 Phase) - All Peak	UD20P	1107	\$156	\$173,067
Standard Domestic (20kVA 1 Phase) - With Off Peak	UD20Q	11310	\$130	\$1,474,674
10% Fixed Charge Option - All Peak	UDL20P	366	\$128	\$46,726
10% Fixed Charge Option - With Off Peak	UDL20Q	2081	\$107	\$222,930
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	UDL08P	16	\$56	\$900
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	UDL08Q	54	\$50	\$2,691
Non-Domestic Single Phase				
Street Lights (1 Phase)	US001L	3,143	\$14	\$44,408
1 kVA 1 Phase - All Peak	US001P	42	\$95	\$3,981
8 kVA 1 Phase - All Peak	US008P	166	\$63	\$10,381
8 kVA 1 Phase - With Off Peak	US008Q	22	\$52	\$1,147
20 kVA 1 Phase - All Peak	US020P	392	\$156	\$61,285
20 kVA 1 Phase - With Off Peak	US020Q	127	\$130	\$16,559
Non-Domestic Three Phase				
15 kVA 3 Phase - All Peak	UT015P	67	\$117	\$7,856
15 kVA 3 Phase - With Off Peak	UT015Q	17	\$98	\$1,662
30 kVA 3 Phase - All Peak	UT030P	571	\$249	\$141,894
30 kVA 3 Phase - With Off Peak	UT030Q	107	\$208	\$22,258
50 kVA 3 Phase - All Peak	UT050P	301	\$600	\$180,643
50 kVA 3 Phase - With Off Peak	UT050Q	92	\$501	\$46,108
75 kVA 3 Phase - All Peak	UT075P	96	\$1,093	\$104,946
75 kVA 3 Phase - With Off Peak	UT075Q	23	\$915	\$21,047
100 kVA 3 Phase - All Peak	UT100P	11	\$1,807	\$19,879
100 kVA 3 Phase - With Off Peak	UT100Q	3	\$1,513	\$4,538
TPC Rural				
Domestic				
Small Domestic (8kVA 1 Phase) - All Peak	RD08P	106	\$63	\$6,629
Small Domestic (8kVA 1 Phase) - With Off Peak	RD08Q	153	\$52	\$7,980
Standard Domestic (20kVA 1 Phase) - All Peak	RD20P	1,119	\$156	\$174,943
Standard Domestic (20kVA 1 Phase) - With Off Peak	RD20Q	6,897	\$130	\$899,277
10% Fixed Charge Option - All Peak	RDL20P	208	\$128	\$26,554
10% Fixed Charge Option - With Off Peak	RDL20Q	584	\$107	\$62,562
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	RDL08P	12	\$56	\$675
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	RDL08Q	6	\$50	\$299
Non-Domestic Single Phase				
Street Lights (1 Phase)	RS001L	517	\$14	\$7,305
1 kVA 1 Phase - All Peak	RS001P	128	\$95	\$12,132
8 kVA 1 Phase - All Peak	RS008P	872	\$63	\$54,531
8 kVA 1 Phase - With Off Peak	RS008Q	27	\$52	\$1,408
20 kVA 1 Phase - All Peak	RS020P	2,068	\$156	\$323,308
20 kVA 1 Phase - With Off Peak	RS020Q	218	\$130	\$28,424
Non-Domestic Three Phase				
15 kVA 3 Phase - All Peak	RT015P	230	\$117	\$26,968
15 kVA 3 Phase - With Off Peak	RT015Q	15	\$98	\$1,467
30 kVA 3 Phase - All Peak	RT030P	2,263	\$249	\$562,358
30 kVA 3 Phase - With Off Peak	RT030Q	316	\$208	\$65,733
50 kVA 3 Phase - All Peak	RT050P	403	\$600	\$241,858
50 kVA 3 Phase - With Off Peak	RT050Q	556	\$501	\$278,655
75 kVA 3 Phase - All Peak	RT075P	54	\$1,093	\$59,032
75 kVA 3 Phase - With Off Peak	RT075Q	20	\$915	\$18,302
100 kVA 3 Phase - All Peak	RT100P	24	\$1,807	\$43,372
100 kVA 3 Phase - With Off Peak	RT100Q	8	\$1,513	\$12,102

3. SUBTRANSMISSION CHARGES

Sub transmission charges are based on the sub transmission costs (66kV and 33kV network) and the zone substation costs.

There are two components making up the sub transmission charges:

- (a) Supply charge
- (b) Maintenance charge.

3.1 Supply Charge

The sub transmission network was broken up into its constituent components including every line and every zone substation. These components were categorised, i.e. 66,000 and 33,000V, indoor and outdoor, size, number of transformers, circuit breakers, length of line etc.

Values for these sub transmission network components were based on the replacement value costs. These values were then amended by the ratio of the overall replacement cost to the asset value of the network. The appropriate share of the supply charge was allocated to each zone substation on this basis.

The share of the sub transmission lines by each zone substation was determined using the superposition theorem and calculating load flows through the interconnected mesh network.

The total supply charge for all the TPCL zone substations is \$11,610,148.

The supply charge for TPCL is allocated across all customers connected to each zone substation on the following basis:

Winter Peak Demand 70%
Winter Peak Energy 20%
Winter Day Energy 10%

3.2 Maintenance Charge

The sub transmission maintenance charges for TPC total \$1,644,462

These maintenance charges are allocated across the customers on the following basis:

Total Energy 50%
Winter Peak Demand 50%

In this case the commercial customers incur a weighting compared to domestic customers of 2:1. This reflects the higher level of importance for commercial customers of the maintenance to the network. This weighted ratio only applies to the total energy component, i.e. 50% of the cost.

3.3 Total Sub transmission Charges

The total sub transmission charges allocated to each zone substation are shown in the following table.

Zone Substation	Total Supply Charge	Total Maintenance Charge
Awarua	\$204,081	\$29,395
Bluff	\$430,321	\$56,347
Centre Bush	\$260,083	\$37,462
Conical Hills	\$417,932	\$42,998
Dipton	\$166,382	\$23,965
Edendale	\$217,114	\$31,272
Glenham	\$143,189	\$20,625
Gorge Road	\$165,731	\$23,871
Hillside	\$426,615	\$61,448
Kelso	\$292,827	\$42,178
Kennington	\$126,095	\$18,162
Lumsden	\$427,358	\$61,555
Makarewa	\$258,535	\$37,239
Mataura	\$309,778	\$44,619
Monowai	\$336,853	\$48,519
Mossburn	\$455,993	\$50,523
NZMP	\$270,993	\$39,515
North Gore	\$246,345	\$35,483
Ohai	\$505,952	\$76,711
Orawia	\$557,982	\$84,600
Otatara	\$177,974	\$25,635
Otautau	\$568,972	\$81,953
White Hill	\$483,759	\$69,679
Riversdale	\$394,196	\$56,779
Riverton	\$492,999	\$71,010
Seaward Bush	\$324,454	\$46,733
South Gore	\$229,420	\$33,045
Te Anau	\$1,085,001	\$156,280
Tokanui	\$207,221	\$29,847
Underwood	\$510,650	\$73,552
Waikiwi	\$315,577	\$45,455
Winton	\$574,113	\$82,693
ICC46	\$25,652	\$5,311

3.4 Sub transmission Charges for Individual Customers above 100 kVA

The sub transmission charges relating to each zone substation are shown in the following table.

Zone Substation	Supply Charge per kVA Winter Peak Demand	Supply Charge per Winter Peak MWh	Supply Charge per Winter Day MWh	Maintenance Charge per Domestic Total MWh	Maintenance Charge per Commercial Total MWh	Maintenance Charge per kVA Winter Peak Demand
Awarua	\$40.17	\$45.47	\$17.91	\$0.57	\$1.15	\$4.13
Bluff	\$64.30	\$28.48	\$8.76	\$0.87	\$1.73	\$6.01
Centre Bush	\$75.85	\$44.66	\$14.84	\$1.61	\$3.23	\$7.80
Conical Hills	\$64.16	\$42.37	\$14.24	\$1.14	\$2.29	\$4.72
Dipton	\$105.34	\$97.38	\$30.06	\$3.35	\$6.71	\$10.84
Edendale	\$27.59	\$16.08	\$5.34	\$0.42	\$0.83	\$2.84
Glenham	\$78.45	\$54.10	\$18.19	\$2.28	\$4.55	\$8.07
Gorge Road	\$77.90	\$48.14	\$16.06	\$1.75	\$3.50	\$8.01
Hillside	\$391.59	\$211.24	\$68.96	\$8.46	\$16.91	\$40.29
Kelso	\$54.40	\$25.50	\$8.61	\$1.00	\$2.00	\$5.60
Kennington	\$23.95	\$12.78	\$5.29	\$0.35	\$0.69	\$2.46
Lumsden	\$108.97	\$53.31	\$17.35	\$1.88	\$3.76	\$11.21
Makarewa	\$36.84	\$18.97	\$6.31	\$0.52	\$1.04	\$3.79
Mataura	\$27.84	\$21.30	\$7.27	\$0.43	\$0.86	\$2.86
Monowai	\$1,149.87	\$579.38	\$187.42	\$22.93	\$45.87	\$118.30
Mossburn	\$207.22	\$125.22	\$41.47	\$3.21	\$6.42	\$16.40
NZMP	\$12.03	\$10.18	\$6.34	\$0.15	\$0.31	\$1.25
North Gore	\$23.59	\$9.33	\$3.08	\$0.35	\$0.71	\$2.43
Ohai	\$186.55	\$79.05	\$25.97	\$2.87	\$5.74	\$20.20
Orawia	\$154.17	\$75.82	\$25.67	\$3.01	\$6.01	\$16.70
Otatara	\$38.90	\$17.21	\$5.99	\$0.83	\$1.66	\$4.00
Otautau	\$92.55	\$45.22	\$15.53	\$1.70	\$3.41	\$9.52
White Hill	\$597.23	\$2,496.18	\$499.62	\$11.66	\$23.33	\$61.45
Riversdale	\$75.82	\$39.82	\$13.12	\$1.41	\$2.82	\$7.80
Riverton	\$84.71	\$34.62	\$11.48	\$1.38	\$2.76	\$8.72
Seaward Bush	\$27.02	\$10.77	\$3.44	\$0.32	\$0.65	\$2.78
South Gore	\$19.95	\$9.28	\$3.07	\$0.31	\$0.62	\$2.05
Te Anau	\$149.03	\$62.85	\$20.28	\$2.14	\$4.27	\$15.33
Tokanui	\$167.39	\$107.50	\$32.95	\$4.33	\$8.66	\$17.22
Underwood	\$20.18	\$20.07	\$6.68	\$0.36	\$0.72	\$2.08
Waikiwi	\$21.08	\$8.12	\$2.76	\$0.31	\$0.63	\$2.17
Winton	\$39.92	\$18.24	\$5.91	\$0.60	\$1.19	\$4.11

3.5 Sub transmission Charges for Group Customers

After the revenue from the individual customers has been subtracted from the total the remaining group customer charges are as follows:

Group Consumers	Supply Charge per kVA Winter Peak Demand	Supply Charge per Winter Peak MWh	Supply Charge per Winter Day MWh	Maintenance Charge per Domestic Total MWh	Maintenance Charge per Commercial Total MWh	Maintenance Charge per kVA Winter Peak Demand
	\$55.19	\$31.44	\$10.43	\$0.90	\$1.80	\$4.63

4. DISTRIBUTION CHARGES

Distribution charges are based on the distribution costs which include 11,000 and 400V line and cables and distribution substations and transformers.

All individual customers have location based distribution charges. These customers pay their distribution charges based on four factors - the radial distance from the zone substation, the contract capacity of the installation and the number and size of transformers used to supply them.

The group customers have non locational distribution charges. For these customers the costs of the distribution network are averaged. These customers are identified as belonging to one of two groups, Urban and Rural.

The urban customers are located in the following areas:

- (a) Invercargill
- (b) Gore
- (c) Te Anau
- (d) Winton
- (e) Mataura
- (f) Riverton
- (g) Otautau
- (h) Tuatapere
- (i) Ohai
- (j) Nightcaps
- (k) Mossburn
- (l) Lumsden
- (m) Riversdale
- (n) Manapouri
- (o) Tapanui
- (p) Edendale
- (q) Wyndham
- (r) Wallacetown
- (s) Otatara

The remaining customers are classified as rural.

There are three components making up the distribution charges

- (a) Supply charge
- (b) Maintenance charge
- (c) Transformer charge

4.1 Supply Charge

The supply charge is based on the use charge which is the required return on the assets by the shareholder and depreciation.

The total supply charge for TPCL totals \$18,931,521.

The non locational supply charges are allocated across customers on the following basis:

Contract Capacity	70%
Winter Peak Energy	20%
Winter Day Energy	10%

4.2 Maintenance Charge

The maintenance charges for TPCL total \$2,739,460.

The maintenance portion of the non-locational distribution charges is allocated across customers on the following basis:

Total Energy	50%
Contract Capacity	50%

4.3 Transformer Charge

The supply and maintenance transformer charges for TPCL total \$5,845,783.

The transformer portion of the distribution charges is allocated across consumers on the following basis:

Number of transformers and transformer capacity 100%.

4.4 Locational Individual Distribution Charges

(a)	Distribution Supply charge	\$2.44 per kVA km Urban
(b)	Distribution Supply charge	\$0.54 per kVA km Rural
(c)	Distribution Transformer charge	\$399 per Transformer
(d)	Distribution Maintenance charge	\$1,089 per km Urban
(e)	Distribution Maintenance charge	\$450 per km Rural
(f)	Distribution Transformer charge	\$456 per Transformer for capacity $\geq 75\text{kVA}$
(g)	Distribution Transformer charge	\$29 per Transformer for capacity $< 75\text{kVA}$

The Transformer charge of \$371 per transformer is multiplied by a price ratio depending on the size of the transformer. The ratios for the different sized transformers are shown below.

Transformer Size	Ratio applied
15kVA Transformer	1.00
30kVA Transformer	1.44
50kVA Transformer	1.88
75kVA Transformer	2.30
100kVA Transformer	2.80
150kVA Transformer	3.50
200kVA Transformer	4.40
300kVA Transformer	5.16
500kVA Transformer	7.20
750kVA Transformer	8.80
1000kVA Transformer	9.96
1250kVA Transformer	13.20
1500kVA Transformer	15.60

In calculating the distribution maintenance charges an allowance is made for the fact that customers above 150kVA have less use of the 400V network than smaller customers, i.e. they often have their own local transformer or exclusive supply cables from a transformer. The line portion of the distribution maintenance charges is multiplied by a factor of 70%.

Individual commercial customers incur a weighting on the transformer portion of the maintenance charge of 5:1. This reflects the importance of the maintenance to the network for commercial customers.

4.4 Distribution Charges for Group Customers

After the revenue from the individual customers has been subtracted from the total the remaining group customer charges are as follows:

TPC Urban

(a)	Distribution Supply charge	\$11.37 per kVA Contract Capacity
(b)	Distribution Supply charge	\$31.15 per Winter Peak MWh
(c)	Distribution Supply charge	\$9.69 per Winter Day MWh
(d)	Distribution Maintenance charge	\$0.62 per Domestic Total MWh
(e)	Distribution Maintenance charge	\$1.24 per Commercial Total MWh
(f)	Distribution Maintenance charge	\$0.61 per kVA Contract Capacity
(g)	Distribution Transformer charge	\$14.38 per kVA AD Transformer capacity

TPC Rural

(a)	Distribution Supply charge	\$65.65 per kVA Contract Capacity
(b)	Distribution Supply charge	\$124.36 per Winter Peak MWh
(c)	Distribution Supply charge	\$41.38 per Winter Day MWh
(d)	Distribution Maintenance charge	\$4.43 per Domestic Total MWh
(e)	Distribution Maintenance charge	\$8.86 per Commercial Total MWh
(f)	Distribution Maintenance charge	\$7.02 per kVA Contract Capacity
(g)	Distribution Transformer charge	\$14.38 per kVA AD Transformer capacity

The model applies an 8% discount for rural single phase group customers and a 10% discount for urban single phase group customers compared to three phase

customers of similar size. This is to reflect the reduced investment in network assets for single phase customers.

With respect to the maintenance charges for group customers the commercial customers incur a weighting to domestic customers of 2:1. This represents a higher level of importance for commercial customers of the maintenance to the network. This weighted ratio only applies to the total energy component i.e. 50% of the charge.

5. POWERNET OVERHEADS

The PowerNet overhead charges are based on those costs which cannot be allocated directly to either capital or maintenance.

These costs include the following:

- (a) Executive Management
- (b) Directors Fees
- (c) System Control
- (d) Miscellaneous overheads, e.g. buildings, rates, etc.

These charges are split equally over the total customer base.

The total overhead costs are \$1,219,741

The charge per customer is \$36.18

6. POWERNET CHARGES

6.1 PowerNet Revenue for Individual Customers

The total PowerNet revenue for individual customers grouped by capacity is shown in the following table.

Consumer Capacity kVA	Subtransmission Charge	Distribution Charge	PowerNet Overhead Charge	Total PowerNet Charge
30	\$3,524	\$6,389	\$181	\$10,093
50	\$5,885	\$5,735	\$217	\$11,837
75	\$8,586	\$4,872	\$145	\$13,604
100	\$51,714	\$42,545	\$760	\$95,019
150	\$206,210	\$164,740	\$2,352	\$373,302
200	\$190,318	\$91,181	\$1,194	\$282,693
300	\$213,223	\$90,596	\$1,013	\$304,832
500	\$1,295,007	\$99,072	\$868	\$1,394,947
750	\$188,266	\$50,602	\$362	\$239,230
1000	\$250,907	\$49,224	\$289	\$300,420
1500	\$116,568	\$524	\$72	\$117,165
2000	\$227,550	\$26,796	\$109	\$254,454
2250	\$63,548	\$18,330	\$36	\$81,914
2500	\$28,324	\$11	\$36	\$28,371
3000	\$71,190	\$22,062	\$36	\$93,288
3500	\$191,949	\$709	\$36	\$192,694
4500	\$5,167	\$1,190	\$36	\$6,393
5000	\$232,161	\$1,982	\$36	\$234,178
6000	\$96,964	\$1,295	\$36	\$98,295
10000	\$385,569	\$3,275	\$36	\$388,880
22000	\$309,286	\$2	\$36	\$309,324

6.2 PowerNet Revenue for Group Customers

The total PowerNet revenue for group customers is shown in the following table.

Consumer Capacity	Code	Number of Connections	Sub transmission Charge	Distribution Charge	PowerNet Overheads	Total PowerNet Revenue
TPC Urban						
Domestic						
Small Domestic (8kVA 1 Phase) - All Peak	UD08P	63	\$5,889	\$15,831	\$2,280	\$24,000
Small Domestic (8kVA 1 Phase) - With Off Peak	UD08Q	315	\$25,021	\$56,010	\$11,398	\$92,428
Standard Domestic (20kVA 1 Phase) - All Peak	UD20P	1107	\$258,689	\$560,801	\$40,056	\$859,546
Standard Domestic (20kVA 1 Phase) - With Off Peak	UD20Q	11310	\$2,245,901	\$4,557,952	\$409,243	\$7,213,096
10% Fixed Charge Option - All Peak	UDL20P	366	\$72,528	\$48,523	\$13,243	\$134,294
10% Fixed Charge Option - With Off Peak	UDL20Q	2081	\$350,458	\$213,738	\$75,299	\$639,496
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	UDL08P	16	\$1,392	\$1,663	\$579	\$3,634
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	UDL08Q	54	\$4,126	\$2,862	\$1,954	\$8,942
Non-Domestic Single Phase						
Street Lights (1 Phase)	US001L	3,143	\$69,723	\$115,899	\$2,275	\$187,897
1 kVA 1 Phase - All Peak	US001P	42	\$5,936	\$14,527	\$1,520	\$21,983
8 kVA 1 Phase - All Peak	US008P	166	\$15,517	\$41,715	\$6,007	\$63,238
8 kVA 1 Phase - With Off Peak	US008Q	22	\$1,747	\$3,912	\$796	\$6,455
20 kVA 1 Phase - All Peak	US020P	392	\$91,604	\$198,585	\$14,184	\$304,374
20 kVA 1 Phase - With Off Peak	US020Q	127	\$25,219	\$51,181	\$4,595	\$80,996
Non-Domestic Three Phase						
15 kVA 3 Phase - All Peak	UT015P	67	\$12,202	\$26,763	\$2,424	\$41,389
15 kVA 3 Phase - With Off Peak	UT015Q	17	\$2,648	\$5,041	\$615	\$8,305
30 kVA 3 Phase - All Peak	UT030P	571	\$223,706	\$328,419	\$20,661	\$572,787
30 kVA 3 Phase - With Off Peak	UT030Q	107	\$35,813	\$45,699	\$3,872	\$85,384
50 kVA 3 Phase - All Peak	UT050P	301	\$282,073	\$431,493	\$10,891	\$724,457
50 kVA 3 Phase - With Off Peak	UT050Q	92	\$73,716	\$106,549	\$3,329	\$183,593
75 kVA 3 Phase - All Peak	UT075P	96	\$165,455	\$286,496	\$3,474	\$455,425
75 kVA 3 Phase - With Off Peak	UT075Q	23	\$33,865	\$51,489	\$832	\$86,186
100 kVA 3 Phase - All Peak	UT100P	11	\$31,340	\$61,371	\$398	\$93,110
100 kVA 3 Phase - With Off Peak	UT100Q	3	\$7,302	\$12,788	\$109	\$20,199
TPC Rural						
Domestic						
Small Domestic (8kVA 1 Phase) - All Peak	RD08P	106	\$9,908	\$30,022	\$3,836	\$43,766
Small Domestic (8kVA 1 Phase) - With Off Peak	RD08Q	153	\$12,153	\$31,399	\$5,536	\$49,088
Standard Domestic (20kVA 1 Phase) - All Peak	RD20P	1,119	\$261,493	\$643,503	\$40,490	\$945,486
Standard Domestic (20kVA 1 Phase) - With Off Peak	RD20Q	6,897	\$1,369,582	\$3,062,461	\$249,563	\$4,681,605
10% Fixed Charge Option - All Peak	RDL20P	208	\$41,218	\$27,576	\$7,526	\$76,320
10% Fixed Charge Option - With Off Peak	RDL20Q	584	\$98,351	\$70,640	\$21,132	\$190,122
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	RDL08P	12	\$1,044	\$1,247	\$434	\$2,725
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	RDL08Q	6	\$458	\$427	\$217	\$1,103

Consumer Capacity	Code	Number of Connections	Sub transmission Charge	Distribution Charge	PowerNet Overheads	Total PowerNet Revenue
Non-Domestic Single Phase & Holiday Homes						
Street Lights (1 Phase)	RS001L	517	\$11,469	\$21,423	\$374	\$33,266
1 kVA 1 Phase - All Peak	RS001P	128	\$18,092	\$44,272	\$4,632	\$66,996
8 kVA 1 Phase - All Peak	RS008P	872	\$81,509	\$246,976	\$31,553	\$360,038
8 kVA 1 Phase - With Off Peak	RS008Q	27	\$2,145	\$5,541	\$977	\$8,663
20 kVA 1 Phase - All Peak	RS020P	2,068	\$483,260	\$1,189,243	\$74,829	\$1,747,332
20 kVA 1 Phase - With Off Peak	RS020Q	218	\$43,290	\$96,798	\$7,888	\$147,976
Non-Domestic Three Phase						
15 kVA 3 Phase - All Peak	RT015P	230	\$41,887	\$103,423	\$8,322	\$153,633
15 kVA 3 Phase - With Off Peak	RT015Q	15	\$2,337	\$5,065	\$543	\$7,945
30 kVA 3 Phase - All Peak	RT030P	2,263	\$886,598	\$1,508,180	\$81,885	\$2,476,662
30 kVA 3 Phase - With Off Peak	RT030Q	316	\$105,765	\$156,600	\$11,434	\$273,800
50 kVA 3 Phase - All Peak	RT050P	403	\$377,660	\$653,158	\$14,582	\$1,045,400
50 kVA 3 Phase - With Off Peak	RT050Q	556	\$445,499	\$717,531	\$20,118	\$1,183,149
75 kVA 3 Phase - All Peak	RT075P	54	\$93,068	\$194,929	\$1,954	\$289,951
75 kVA 3 Phase - With Off Peak	RT075Q	20	\$29,448	\$53,173	\$724	\$83,345
100 kVA 3 Phase - All Peak	RT100P	24	\$68,379	\$161,842	\$868	\$231,089
100 kVA 3 Phase - With Off Peak	RT100Q	8	\$19,472	\$40,529	\$289	\$60,291

7. TRANSMISSION GRID OPERATOR SERVICES COSTS

These costs which relate to frequency, voltage support and black start on the National Grid are for security of energy supply and not to transmission. Accordingly they are excluded from the transmission charges and are allocated each month to the retailers on the basis of each Retailer's total energy consumption for that month.

8. LOSS CONSTRAINT EXCESS PAYMENT

Loss Constraint Excess Payments are credits rebated by Transpower as a result of money received from the Clearing Manager for the Wholesale Electricity Market and are excluded from the Transmission Charges. The payments are allocated each month to the retailers on the basis of total energy consumption for the month in which the rebate applied.

9. TOTAL LINE CHARGE REVENUE

9.1 Fixed, Variable and Metering Charges

The total line charge is charged as a split fixed and variable charge. This allows PowerNet to share some of the risk with the Energy Trader. The fixed/variable split is approximately 50:50.

For the installations with ½ hour metering the total line charge is halved to establish the fixed charge per annum. The variable charge is calculated as the remaining charge divided by the number of Day MWh in the customer energy profile to give a variable charge in dollars per Day MWh.

In the case of all other installations the variable charge is a standard charge of \$72.21 per Day MWh. The fixed charge is then calculated as the difference between the total charge and the number of Day MWh for the installation times \$72.21. This method of calculating the fixed charge accounts for the fact that some installations have negative fixed charges.

The Variable Charge of \$72.21 per MWh of daytime sales equates to \$62.87 per MWh of daytime purchases at the grid exit point.

For rural group customers with capacities less than 75kVA the fixed line charge is capped at 15% higher than the equivalent urban charge, for capacities greater than or equal to 75kVA the cap is set at 20%.

9.2 Line Charge Revenue for Individual Customers

The line charge revenue for individual customers grouped by capacity is shown in the following table.

Consumer Capacity kVA	Number of Connections	Line Charge Revenue per Consumer Group	Average Line Charge
30	5	\$13,577	\$2,715
50	6	\$16,873	\$2,812
75	4	\$22,626	\$5,656
100	21	\$133,768	\$6,370
150	65	\$552,810	\$8,505
200	33	\$397,526	\$12,046
300	28	\$582,384	\$20,799
500	24	\$1,680,468	\$70,020
750	10	\$428,797	\$42,880
1000	8	\$617,155	\$77,144
1500	2	\$166,889	\$83,444
2000	3	\$490,562	\$163,521
2250	1	\$160,036	\$160,036
2500	1	\$85,154	\$85,154
3000	1	\$215,906	\$215,906
3500	1	\$294,942	\$294,942
4500	1	\$9,638	\$9,638
5000	1	\$494,784	\$494,784
6000	1	\$212,450	\$212,450
10000	1	\$952,118	\$952,118
22000	1	\$1,217,635	\$1,217,635

9.3 Line Charge Revenue for Group Customers

The line charge revenue for group customers is shown in the following table.

Consumer Capacity	Code	Number of Connections	Fixed Charge per Day	Variable Charge per Day MWh	Line Charge Revenue per Consumer Group
TPC Urban					
Domestic					
Small Domestic (8kVA 1 Phase) - All Peak	UD08P	63	\$0.6881	\$62.87	\$27,940
Small Domestic (8kVA 1 Phase) - With Off Peak	UD08Q	315	\$0.4503	\$62.87	\$108,857
Standard Domestic (20kVA 1 Phase) - All Peak	UD20P	1107	\$1.2383	\$62.87	\$1,032,613
Standard Domestic (20kVA 1 Phase) - With Off Peak	UD20Q	11310	\$0.8633	\$62.87	\$8,687,770
10% Fixed Charge Option - All Peak	UDL20P	366	\$0.1500	\$103.52	\$181,020
10% Fixed Charge Option - With Off Peak	UDL20Q	2081	\$ -	\$103.52	\$862,426
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	UDL08P	16	\$0.1500	\$84.08	\$4,534
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	UDL08Q	54	\$ -	\$84.08	\$11,633
Non-Domestic Single Phase					
Street Lights (1 Phase)	US001L	3,143	\$0.1000	\$62.87	\$232,304
1 kVA 1 Phase - All Peak	US001P	42	\$0.4878	\$62.87	\$25,964
8 kVA 1 Phase - All Peak	US008P	166	\$0.6881	\$62.87	\$73,619
8 kVA 1 Phase - With Off Peak	US008Q	22	\$0.4503	\$62.87	\$7,603
20 kVA 1 Phase - All Peak	US020P	392	\$1.2383	\$62.87	\$365,659
20 kVA 1 Phase - With Off Peak	US020Q	127	\$0.8633	\$62.87	\$97,555
Non-Domestic Three Phase					
15 kVA 3 Phase - All Peak	UT015P	67	\$1.0257	\$62.87	\$49,244.86
15 kVA 3 Phase - With Off Peak	UT015Q	17	\$0.6754	\$62.87	\$9,967.18
30 kVA 3 Phase - All Peak	UT030P	571	\$1.7386	\$62.87	\$714,680.74
30 kVA 3 Phase - With Off Peak	UT030Q	107	\$1.1633	\$62.87	\$107,641.74
50 kVA 3 Phase - All Peak	UT050P	301	\$3.5273	\$62.87	\$905,100.55
50 kVA 3 Phase - With Off Peak	UT050Q	92	\$2.4016	\$62.87	\$229,701.69
75 kVA 3 Phase - All Peak	UT075P	96	\$8.5555	\$62.87	\$560,370.47
75 kVA 3 Phase - With Off Peak	UT075Q	23	\$5.7663	\$62.87	\$107,233.24
100 kVA 3 Phase - All Peak	UT100P	11	\$15.8477	\$62.87	\$112,988.49
100 kVA 3 Phase - With Off Peak	UT100Q	3	\$11.0072	\$62.87	\$24,736.97
TPC Rural					
Domestic					
Small Domestic (8kVA 1 Phase) - All Peak	RD08P	106	\$0.7756	\$62.87	\$50,394.87
Small Domestic (8kVA 1 Phase) - With Off Peak	RD08Q	153	\$0.5254	\$62.87	\$57,067.31
Standard Domestic (20kVA 1 Phase) - All Peak	UD20P	1,119	\$1.2383	\$62.87	\$1,120,428.69
Standard Domestic (20kVA 1 Phase) - With Off Peak	UD20Q	6,897	\$0.8633	\$62.87	\$5,580,882.78
10% Fixed Charge Option - All Peak	RDL20P	208	\$0.1500	\$103.52	\$102,874.52
10% Fixed Charge Option - With Off Peak	RDL20Q	584	\$0.0500	\$103.52	\$252,684.21
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	UDL08P	12	\$0.1500	\$84.08	\$3,400.62
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	UDL08Q	6	\$ -	\$84.08	\$1,402.06
Non-Domestic Single Phase					
Street Lights (1 Phase)	RS001L	517	\$0.1125	\$62.87	\$40,571.12
1 kVA 1 Phase - All Peak	RS001P	128	\$0.4878	\$62.87	\$79,127.51
8 kVA 1 Phase - All Peak	RS008P	872	\$0.7756	\$62.87	\$414,569.12
8 kVA 1 Phase - With Off Peak	RS008Q	27	\$0.5254	\$62.87	\$10,070.70
20 kVA 1 Phase - All Peak	RS020P	2,068	\$1.4259	\$62.87	\$2,070,640.34
20 kVA 1 Phase - With Off Peak	RS020Q	218	\$0.9757	\$62.87	\$176,400.24
Non-Domestic Three Phase					
15 kVA 3 Phase - All Peak	RT015P	230	\$1.1633	\$62.87	\$180,601.05
15 kVA 3 Phase - With Off Peak	RT015Q	15	\$0.7881	\$62.87	\$9,411.60
30 kVA 3 Phase - All Peak	RT030P	2,263	\$1.9887	\$62.87	\$3,039,020.08
30 kVA 3 Phase - With Off Peak	RT030Q	316	\$1.3509	\$62.87	\$339,533.00
50 kVA 3 Phase - All Peak	RT050P	403	\$4.0402	\$62.87	\$1,287,257.40
50 kVA 3 Phase - With Off Peak	RT050Q	556	\$2.7643	\$62.87	\$1,461,803.50
75 kVA 3 Phase - All Peak	RT075P	54	\$10.2691	\$62.87	\$348,983.44

Consumer Capacity	Code	Number of Connections	Fixed Charge per Day	Variable Charge per Day MWh	Line Charge Revenue per Consumer Group
75 kVA 3 Phase - With Off Peak	RT075Q	20	\$6.9170	\$62.87	\$101,646.40
100 kVA 3 Phase - All Peak	RT100P	24	\$19.0373	\$62.87	\$274,461.24
100 kVA 3 Phase - With Off Peak	RT100Q	8	\$13.2085	\$62.87	\$72,393.06

10. LINE CHARGE TABLES

10.1 Line Charge Breakdown for Individual Customers

ICP Number	Contract Capacity kVA	Trans Power Charge	Subtransmission Charge	Distribution Charge	PowerNet Charge	Total Line Charge	Fixed Charge per annum	Variable Charge per Day MWh
100109TP-F16	100	\$3,334	\$4,669	\$2,749	\$36	\$10,789	\$5,395	\$39.09
110146TP-A8C	200	\$3,012	\$2,393	\$3,187	\$36	\$8,628	(\$594)	\$62.87
110197TP-B8B	150	\$3,386	\$2,762	\$2,992	\$36	\$9,176	(\$5,068)	\$62.87
112267TP-BDF	150	\$1,804	\$1,421	\$2,341	\$36	\$5,602	\$2,231	\$62.87
116167TP-E5C	150	\$1,604	\$577	\$2,091	\$36	\$4,308	\$2,154	\$26.27
116195TP-ECE	150	\$4,730	\$2,547	\$3,280	\$36	\$10,593	(\$6,588)	\$62.87
118447TP-ECC	150	\$3,160	\$2,510	\$2,177	\$36	\$7,883	\$164	\$62.87
118468TP-C47	100	\$2,441	\$3,586	\$1,689	\$36	\$7,752	(\$4,707)	\$62.87
118615TP-C46	200	\$4,973	\$4,016	\$2,301	\$36	\$11,325	(\$5,998)	\$62.87
141924TP-720	200	\$479	\$4,308	\$3,014	\$36	\$7,837	\$3,918	\$14.73
141326TP-DAF	200	\$4,920	\$5,934	\$2,897	\$36	\$13,787	\$6,893	\$19.58
141990TP-498	150	\$2,566	\$5,335	\$3,483	\$36	\$11,420	\$11,420	\$0.00
141806TP-3F4	150	\$92	\$609	\$2,537	\$36	\$3,274	\$3,274	\$0.00
142817TP-7FC	150	\$3,060	\$2,381	\$2,309	\$36	\$7,786	\$2,850	\$62.87
143131TP-38F	30	\$726	\$117	\$447	\$36	\$1,326	\$663	\$331.60
150931TP-983	500	\$12,134	\$11,296	\$4,294	\$36	\$27,759	\$13,880	\$36.14
150910TP-893	500	\$5,317	\$9,619	\$4,389	\$36	\$19,362	\$9,681	\$27.12
150912TP-816	750	\$5,657	\$7,490	\$5,556	\$36	\$18,740	\$9,370	\$56.44
150925TP-224	150	\$5,369	\$5,189	\$2,502	\$36	\$13,097	\$6,548	\$20.34
157641TP-7B1	150	\$2,610	\$1,372	\$2,450	\$36	\$6,468	\$3,367	\$62.87
166724TP-C86	300	\$21,784	\$8,052	\$2,757	\$36	\$32,629	\$16,314	\$14.54
176630TP-6C4	150	\$3,176	\$1,568	\$2,166	\$36	\$6,946	\$3,473	\$20.92
177096TP-8F2	150	\$5,668	\$2,619	\$2,414	\$36	\$10,736	\$5,368	\$20.18
180710TP-2C9	150	\$2,879	\$1,514	\$2,296	\$36	\$6,726	\$3,693	\$62.87
181911TP-927	75	\$4,573	\$4,112	\$1,224	\$36	\$9,945	\$4,973	\$21.62
181975TP-7DD	150	\$3,632	\$1,813	\$2,701	\$36	\$8,182	\$4,091	\$12.51
182010TP-E8B	100	\$5,808	\$6,344	\$2,313	\$36	\$14,501	\$7,251	\$25.89
184621TP-6F0	50	\$1,067	\$1,503	\$627	\$36	\$3,234	(\$704)	\$62.87
184687TP-F60	150	\$3,657	\$1,757	\$2,140	\$36	\$7,590	(\$686)	\$62.87
185015TP-7A4	200	\$1,044	\$687	\$2,785	\$36	\$4,551	\$2,276	\$44.62
186250TP-0A9	750	\$3,486	\$2,333	\$5,401	\$36	\$11,256	\$5,628	\$27.86
190101TP-AC6	150	\$3,294	\$1,859	\$2,835	\$36	\$8,023	\$1,359	\$62.87
192519TP-D3E	150	\$2,148	\$1,225	\$2,816	\$36	\$6,226	\$4,744	\$62.87
192534TP-F30	150	\$2,255	\$705	\$2,454	\$36	\$5,451	\$2,725	\$20.65
192544TP-A6D	300	\$20,122	\$8,384	\$4,068	\$36	\$32,610	\$16,305	\$13.15
204735TP-7C2	100	\$2,415	\$3,667	\$3,169	\$36	\$9,287	\$4,644	\$42.60
221318TP-720	150	\$2,934	\$1,708	\$2,856	\$36	\$7,534	\$3,674	\$62.87
235545TP-814	200	\$7,411	\$2,828	\$3,256	\$36	\$13,532	\$6,766	\$18.14

ICP Number	Contract Capacity kVA	Trans Power Charge	Subtransmission Charge	Distribution Charge	PowerNet Charge	Total Line Charge	Fixed Charge per annum	Variable Charge per Day MWh
240375TP-473	150	\$5,004	\$2,320	\$2,556	\$36	\$9,916	(\$8,675)	\$62.87
240526TP-6BD	150	\$2,349	\$1,273	\$3,843	\$36	\$7,501	(\$3,603)	\$62.87
241126TP-B1C	150	\$4,278	\$2,049	\$3,163	\$36	\$9,526	\$629	\$62.87
244381TP-3EE	50	\$161	\$316	\$1,880	\$36	\$2,394	\$2,394	\$0.00
249945TP-521	150	\$2,826	\$3,414	\$2,493	\$36	\$8,769	\$4,385	\$21.81
250351TP-0CD	300	\$6,325	\$3,269	\$4,184	\$36	\$13,814	(\$16,342)	\$62.87
300360TP-C68	75	\$168	\$272	\$773	\$36	\$1,249	\$743	\$62.87
304798TP-4EA	300	\$2,400	\$3,283	\$4,024	\$36	\$9,743	\$4,871	\$54.73
313732TP-2E5	200	\$4,529	\$10,585	\$2,729	\$36	\$17,880	(\$3,284)	\$62.87
314914TP-C54	200	\$5,898	\$21,464	\$3,236	\$36	\$30,634	\$7,322	\$62.87
315340TP-EFC	500	\$10,641	\$1,018,769	\$0	\$36	\$1,029,447	\$0	\$0.00
318907TP-1B9	100	\$1,083	\$1,771	\$2,467	\$36	\$5,357	\$5,357	\$1.00
319705TP-697	150	\$152	\$894	\$2,914	\$36	\$3,996	\$3,996	\$0.00
319736TP-DAF	200	\$796	\$793	\$3,695	\$36	\$5,321	\$5,321	\$0.00
331280TP-F5A	150	\$219	\$970	\$3,187	\$36	\$4,412	\$4,412	\$0.00
333040TP-1F2	200	\$230	\$1,263	\$3,244	\$36	\$4,773	\$4,773	\$0.00
333049TP-FA3	150	\$521	\$1,076	\$2,854	\$36	\$4,486	\$4,486	\$0.00
362484TP-9C2	200	\$10,526	\$7,723	\$1,244	\$36	\$19,529	\$9,765	\$21.75
364828TP-B0F	150	\$263	\$264	\$2,768	\$36	\$3,332	\$1,666	\$119.01
373002TP-847	200	\$1,931	\$8,535	\$2,521	\$36	\$13,024	\$6,276	\$62.87
382896TP-29B	200	\$89	\$638	\$2,882	\$36	\$3,645	\$3,645	\$0.00
389997TP-83A	200	\$1,444	\$5,756	\$2,680	\$36	\$9,916	\$573	\$62.87
389990TP-5F0	150	\$888	\$3,641	\$2,405	\$36	\$6,970	(\$2,350)	\$62.87
389999TP-BA1	300	\$1,389	\$3,801	\$3,560	\$36	\$8,786	\$4,393	\$69.73
391339TP-C55	50	\$713	\$609	\$3	\$36	\$1,361	\$681	\$14.79
391396TP-B94	150	\$2,062	\$7,910	\$3,246	\$36	\$13,254	\$5,317	\$62.87
396517TP-0FD	50	\$643	\$830	\$1,965	\$36	\$3,474	\$929	\$62.87
400440TP-B34	100	\$1,072	\$1,608	\$1,569	\$36	\$4,286	(\$1,789)	\$62.87
400495TP-B39	200	\$2,907	\$11,191	\$3,237	\$36	\$17,371	(\$3,521)	\$62.87
401815TP-3DF	300	\$8,475	\$25,930	\$3,842	\$36	\$38,283	\$19,142	\$38.28
403101TP-231	150	\$3,329	\$12,186	\$1,203	\$36	\$16,755	\$16,755	\$0.00
405190TP-453	150	\$1,464	\$5,681	\$2,365	\$36	\$9,546	(\$1,597)	\$62.87
405386TP-576	150	\$776	\$5,420	\$2,472	\$36	\$8,704	\$4,352	\$117.62
404955TP-F5E	100	\$1,574	\$2,302	\$1,767	\$36	\$5,678	(\$855)	\$62.87
405350TP-9BB	150	\$1,893	\$7,298	\$2,178	\$36	\$11,405	(\$1,711)	\$62.87
405545TP-85F	150	\$3,548	\$5,603	\$2,367	\$36	\$11,554	\$5,777	\$43.44
405508TP-5A1	200	\$4,900	\$18,378	\$2,679	\$36	\$25,993	(\$88)	\$62.87
405769TP-C13	200	\$2,258	\$9,028	\$6,370	\$36	\$17,692	\$6,984	\$62.87
416731TP-C0E	150	\$2,143	\$9,056	\$2,755	\$36	\$13,991	\$6,365	\$62.87
418284TP-E36	500	\$18,954	\$43,301	\$5,139	\$36	\$67,430	\$33,715	\$101.86
424510TP-575	500	\$15,050	\$8,240	\$5,157	\$36	\$28,483	\$14,242	\$22.22
426599TP-D2E	500	\$9,981	\$8,821	\$4,917	\$36	\$23,755	\$11,877	\$16.01
427512TP-710	150	\$876	\$873	\$2,447	\$36	\$4,232	\$2,116	\$68.26

ICP Number	Contract Capacity kVA	Trans Power Charge	Subtransmission Charge	Distribution Charge	PowerNet Charge	Total Line Charge	Fixed Charge per annum	Variable Charge per Day MWh
437078TP-795	1000	\$21,315	\$32,302	\$9,753	\$36	\$63,405	\$31,703	\$41.50
437074TP-48B	1000	\$30,308	\$53,417	\$8,346	\$36	\$92,107	\$46,053	\$48.79
444030TP-F7D	200	\$6,397	\$5,666	\$2,676	\$36	\$14,776	\$7,388	\$28.75
482021TP-8E5	150	\$1,865	\$1,402	\$2,500	\$36	\$5,803	\$2,901	\$28.45
482070TP-CA8	300	\$5,465	\$6,305	\$3,525	\$36	\$15,331	\$8,762	\$62.87
482074TP-DA2	200	\$2,488	\$858	\$2,885	\$36	\$6,268	\$3,134	\$54.03
502013TP-4D1	150	\$1,559	\$716	\$2,295	\$36	\$4,606	\$1,872	\$62.87
517704TP-375	150	\$2,909	\$1,650	\$2,247	\$36	\$6,842	(\$455)	\$62.87
520373TP-2AF	1500	\$22,655	\$24,309	\$79	\$36	\$47,080	\$23,540	\$31.51
521003TP-551	75	\$2,795	\$1,899	\$1,048	\$36	\$5,778	\$2,889	\$24.08
522002TP-BF4	150	\$7,337	\$2,753	\$2,432	\$36	\$12,558	\$6,279	\$24.72
525441TP-DF0	150	\$2,269	\$1,770	\$2,262	\$36	\$6,338	\$4,097	\$62.87
530906TP-856	300	\$6,309	\$11,991	\$2,601	\$36	\$20,938	\$10,469	\$30.52
543645TP-165	30	\$281	\$382	\$1,809	\$36	\$2,508	\$917	\$62.87
549325TP-5D0	500	\$6,246	\$3,047	\$3,895	\$36	\$13,225	(\$21,628)	\$62.87
549615TP-72D	150	\$2,866	\$1,366	\$1,953	\$36	\$6,221	(\$8,949)	\$62.87
556467TP-973	1000	\$30,118	\$16,140	\$4,885	\$36	\$51,180	\$25,590	\$14.25
556470TP-E14	300	\$18,978	\$7,134	\$2,630	\$36	\$28,779	\$14,389	\$17.48
556472TP-E91	150	\$535	\$1,509	\$2,340	\$36	\$4,420	\$2,210	\$170.01
564570TP-57C	50	\$990	\$1,126	\$644	\$36	\$2,796	\$1,398	\$17.48
568266TP-ADC	500	\$13,176	\$8,302	\$3,710	\$36	\$25,225	\$12,612	\$15.67
568791TP-204	100	\$3,022	\$3,194	\$1,267	\$36	\$7,518	\$3,759	\$17.65
569639TP-0AB	150	\$1,542	\$581	\$2,049	\$36	\$4,209	\$2,105	\$51.34
569640TP-BA7	200	\$1,766	\$1,693	\$389	\$36	\$3,884	\$1,942	\$29.42
579184TP-AA1	100	\$2,149	\$3,494	\$1,214	\$36	\$6,894	\$3,447	\$37.06
589190TP-49A	150	\$3,586	\$2,546	\$2,240	\$36	\$8,408	\$4,204	\$29.40
595728TP-15B	500	\$5,127	\$5,245	\$4,734	\$36	\$15,143	\$7,976	\$62.87
612680TP-5A5	100	\$2,219	\$1,868	\$3,105	\$36	\$7,229	\$3,615	\$30.63
615269TP-92F	300	\$6,978	\$15,520	\$3,521	\$36	\$26,056	\$5,608	\$62.87
617670TP-292	750	\$9,294	\$14,317	\$6,813	\$36	\$30,460	\$15,230	\$37.42
620456TP-103	750	\$13,450	\$6,370	\$4,152	\$36	\$24,008	\$12,004	\$21.40
624606TP-58C	150	\$2,878	\$1,717	\$2,326	\$36	\$6,957	(\$718)	\$62.87
624649TP-8F7	500	\$3,081	\$1,383	\$4,161	\$36	\$8,661	\$4,331	\$20.24
625837TP-99A	150	\$4,399	\$3,154	\$2,282	\$36	\$9,872	(\$5,405)	\$62.87
633335TP-730	750	\$38,014	\$4,754	\$6,916	\$36	\$49,721	\$24,860	\$118.38
633604TP-988	200	\$1,620	\$1,743	\$2,429	\$36	\$5,827	\$2,914	\$27.49
632751TP-46B	150	\$739	\$444	\$2,428	\$36	\$3,646	\$528	\$62.87
632798TP-DD5	100	\$1,283	\$2,236	\$2,282	\$36	\$5,837	\$2,919	\$35.17
634528TP-0A0	30	\$677	\$353	\$1,826	\$36	\$2,892	\$1,446	\$40.16
637250TP-A0B	750	\$9,554	\$7,117	\$5,674	\$36	\$22,382	\$11,191	\$32.53
642956TP-513	200	\$522	\$129	\$2,453	\$36	\$3,141	\$1,570	\$157.03
643847TP-B5F	500	\$6,059	\$4,784	\$3,884	\$36	\$14,763	\$7,381	\$34.33
643886TP-0F5	200	\$3,632	\$2,514	\$2,533	\$36	\$8,716	\$4,358	\$68.09

ICP Number	Contract Capacity kVA	Trans Power Charge	Subtransmission Charge	Distribution Charge	PowerNet Charge	Total Line Charge	Fixed Charge per annum	Variable Charge per Day MWh
656382TP-D30	100	\$86	\$122	\$2,255	\$36	\$2,500	\$2,355	\$62.87
657599TP-EEF	100	\$1,430	\$1,716	\$117	\$36	\$3,300	\$3,300	\$0.00
690224TP-CD4	150	\$1,724	\$698	\$2,041	\$36	\$4,500	\$2,250	\$20.27
800132TP-927	100	\$2,720	\$2,556	\$2,782	\$36	\$8,095	\$4,048	\$21.64
800113TP-837	100	\$530	\$844	\$1,533	\$36	\$2,943	(\$1,954)	\$62.87
800181TP-755	500	\$12,989	\$8,767	\$4,905	\$36	\$26,698	\$13,349	\$25.92
800171TP-742	1500	\$27,069	\$92,259	\$445	\$36	\$119,809	\$59,904	\$52.05
800150TP-652	100	\$2,083	\$3,153	\$2,297	\$36	\$7,570	\$760	\$62.87
800116TP-578	6000	\$114,155	\$96,964	\$1,295	\$36	\$212,450	\$106,225	\$17.60
800133TP-562	4500	\$3,245	\$5,167	\$1,190	\$36	\$9,638	\$4,819	\$107.09
800158TP-446	3500	\$102,247	\$191,949	\$709	\$36	\$294,942	\$147,471	\$37.42
800107TP-390	200	\$8,085	\$4,753	\$2,752	\$36	\$15,626	\$7,813	\$14.10
800105TP-315	10000	\$563,238	\$385,569	\$3,275	\$36	\$952,118	\$476,059	\$14.88
800124TP-205	1000	\$54,687	\$25,674	\$5,347	\$36	\$85,744	\$42,872	\$14.42
800147TP-135	150	\$6,274	\$2,390	\$1,981	\$36	\$10,681	\$5,340	\$14.83
800103TP-29A	300	\$6,626	\$2,281	\$203	\$36	\$9,145	\$4,573	\$11.94
800120TP-30F	200	\$4,362	\$4,014	\$2,265	\$36	\$10,677	\$5,338	\$69.33
800104TP-F50	500	\$27,427	\$9,395	\$3,708	\$36	\$40,566	\$20,283	\$13.91
800114TP-5FD	500	\$9,858	\$11,734	\$632	\$36	\$22,260	\$11,130	\$9.58
800128TP-11B	100	\$1,336	\$2,217	\$2,288	\$36	\$5,877	\$5,588	\$62.87
800118TP-6E3	150	\$2,456	\$2,570	\$2,311	\$36	\$7,372	\$6,506	\$62.87
800130TP-9A2	300	\$20,665	\$5,730	\$2,689	\$36	\$29,121	\$14,561	\$10.92
800121TP-F4A	2000	\$70,470	\$46,705	\$5,457	\$36	\$122,668	\$61,334	\$13.39
800125TP-E40	2000	\$85,241	\$49,880	\$21,339	\$36	\$156,496	\$78,248	\$18.88
800134TP-8A8	5000	\$260,605	\$232,161	\$1,982	\$36	\$494,784	\$247,392	\$18.50
800127TP-EC5	300	\$1,927	\$2,687	\$2,762	\$36	\$7,412	\$3,706	\$28.08
800131TP-5E7	2500	\$56,784	\$28,324	\$11	\$36	\$85,154	\$42,577	\$20.81
800139TP-7F3	300	\$7,763	\$5,401	\$2,607	\$36	\$15,807	\$7,904	\$20.48
800166TP-025	200	\$3,880	\$15,199	\$2,744	\$36	\$21,860	\$10,930	\$45.92
800146TP-D70	22000	\$908,311	\$309,286	\$2	\$36	\$1,217,635	\$0	\$0.00
800152TP-6D7	1000	\$33,151	\$18,671	\$1,055	\$36	\$52,913	\$26,457	\$9.47
800149TP-2AE	300	\$20,421	\$7,123	\$4,182	\$36	\$31,762	\$15,881	\$14.98
800151TP-A17	100	\$1,048	\$1,554	\$1,974	\$36	\$4,613	(\$2,467)	\$62.87
800153TP-A92	500	\$6,904	\$2,865	\$6,595	\$36	\$16,400	\$8,200	\$31.91
800155TP-B1D	300	\$25,434	\$9,011	\$4,609	\$36	\$39,091	\$19,545	\$11.50
800161TP-DEF	500	\$9,022	\$23,968	\$4,821	\$36	\$37,847	\$18,923	\$40.26
800163TP-D6A	300	\$5,273	\$14,586	\$3,557	\$36	\$23,453	\$11,726	\$44.25
800164TP-0A0	500	\$13,051	\$35,222	\$5,051	\$36	\$53,360	\$26,680	\$42.69
800167TP-C60	150	\$3,554	\$13,393	\$2,416	\$36	\$19,399	(\$5,265)	\$62.87
800169TP-FFB	150	\$6,217	\$2,792	\$2,213	\$36	\$11,259	\$5,630	\$15.42
800170TP-B07	750	\$17,932	\$85,868	\$4,275	\$36	\$108,111	\$54,056	\$58.82
800186TP-A9F	750	\$33,060	\$24,659	\$7,412	\$36	\$65,167	\$32,583	\$23.73
1015827TP-5C5	150	\$2,621	\$3,440	\$2,691	\$36	\$8,789	\$1,113	\$62.87

ICP Number	Contract Capacity kVA	Trans Power Charge	Subtransmission Charge	Distribution Charge	PowerNet Charge	Total Line Charge	Fixed Charge per annum	Variable Charge per Day MWh
1164012TP-00A	300	\$5,342	\$4,228	\$2,633	\$36	\$12,239	\$6,119	\$19.06
1186118TP-5A2	200	\$5,523	\$2,914	\$2,301	\$36	\$10,774	\$5,387	\$21.72
1186119TP-9E7	200	\$7,903	\$6,233	\$2,301	\$36	\$16,473	(\$3,577)	\$62.87
1421365TP-AF8	150	\$6,220	\$4,826	\$3,471	\$36	\$14,553	\$14,553	\$0.00
1819183TP-528	150	\$1,644	\$512	\$3,873	\$36	\$6,064	\$3,032	\$37.43
1819179TP-7AE	150	\$4,494	\$1,871	\$3,854	\$36	\$10,255	\$5,127	\$20.59
1819727TP-A3B	100	\$1,054	\$1,583	\$1,626	\$36	\$4,300	\$2,150	\$21.94
3193735TP-319	200	\$1,441	\$1,435	\$2,908	\$36	\$5,821	\$5,821	\$0.00
3330513TP-914	150	\$585	\$1,986	\$2,924	\$36	\$5,530	\$5,530	\$0.00
3330508TP-D6D	300	\$168	\$658	\$3,708	\$36	\$4,570	\$4,570	\$0.00
3764605TP-D7E	300	\$14,814	\$33,139	\$3,614	\$36	\$51,603	\$25,801	\$47.78
4004001TP-401	150	\$898	\$3,252	\$2,235	\$36	\$6,421	\$1,998	\$62.87
4182832TP-1BD	200	\$5,665	\$24,507	\$2,936	\$36	\$33,144	\$10,162	\$62.87
4182836TP-0B7	150	\$7,244	\$32,607	\$2,755	\$36	\$42,642	\$298	\$62.87
4245295TP-206	150	\$1,563	\$1,116	\$2,572	\$36	\$5,286	\$2,643	\$39.45
4370715TP-029	500	\$10,956	\$15,804	\$5,505	\$36	\$32,301	\$16,150	\$52.10
5290993TP-D4F	150	\$1,215	\$603	\$2,039	\$36	\$3,893	(\$894)	\$62.87
5552033TP-EA2	3000	\$42,109	\$71,190	\$22,062	\$36	\$215,906	\$215,906	\$0.00
5552049TP-96E	300	\$18,989	\$11,096	\$3,386	\$36	\$33,507	\$33,507	\$30.68
5552055TP-0DD	2000	\$80,398	\$130,965	\$0	\$36	\$211,398	\$211,398	\$0.00
5672985TP-1EF	100	\$1,497	\$2,329	\$1,379	\$36	\$5,241	\$1,402	\$62.87
5678995TP-502	200	\$2,983	\$1,895	\$2,285	\$36	\$7,200	\$3,600	\$16.51
5682737TP-04F	300	\$1,261	\$917	\$2,744	\$36	\$4,959	\$2,479	\$45.08
5684239TP-311	150	\$3,359	\$1,641	\$1,822	\$36	\$6,857	\$3,429	\$29.81
5791016TP-030	50	\$1,461	\$1,501	\$616	\$36	\$3,614	\$1,807	\$17.72
5791154TP-B14	150	\$3,458	\$1,885	\$1,931	\$36	\$7,311	(\$4,629)	\$62.87
5791226TP-DCF	300	\$6,164	\$2,694	\$2,852	\$36	\$11,745	\$5,873	\$16.13
5791985TP-A1E	150	\$2,882	\$1,622	\$2,203	\$36	\$6,743	\$800	\$62.87
6204404TP-0E5	1000	\$30,219	\$14,297	\$4,673	\$36	\$49,225	\$24,613	\$19.77
6204408TP-3FB	750	\$33,086	\$15,123	\$4,150	\$36	\$52,395	\$26,197	\$17.09
6204405TP-CA0	300	\$13,041	\$5,047	\$2,588	\$36	\$20,713	\$10,357	\$25.32
6204407TP-C25	500	\$22,607	\$12,177	\$3,451	\$36	\$38,271	\$19,135	\$15.66
6375055TP-7DC	500	\$5,675	\$4,120	\$4,622	\$36	\$14,453	\$7,227	\$19.17
6438485TP-221	200	\$1,134	\$1,157	\$2,434	\$36	\$4,761	(\$1,317)	\$62.87
6438465TP-89B	500	\$9,769	\$8,203	\$3,884	\$36	\$21,892	\$10,946	\$22.71
8001305TP-615	30	\$728	\$1,081	\$1,898	\$36	\$3,743	\$709	\$62.87
8001011TP-EB1	300	\$6,468	\$4,253	\$2,791	\$36	\$13,548	\$6,774	\$20.91
8001015TP-FBB	300	\$14,083	\$5,445	\$2,819	\$36	\$22,383	\$11,191	\$12.91
8001045TP-7B3	500	\$20,187	\$7,648	\$3,719	\$36	\$31,590	\$15,795	\$15.92
8001245TP-DB4	500	\$10,455	\$22,403	\$4,568	\$36	\$37,463	\$18,731	\$52.03
8001320TP-60F	300	\$5,435	\$2,499	\$2,588	\$36	\$10,559	\$5,279	\$35.67
8001275TP-A4C	75	\$1,486	\$2,304	\$1,827	\$36	\$5,654	(\$609)	\$62.87
8001315TP-CB8	2250	\$78,122	\$63,548	\$18,330	\$36	\$160,036	\$80,018	\$10.81

ICP Number	Contract Capacity kVA	Trans Power Charge	Subtransmission Charge	Distribution Charge	PowerNet Charge	Total Line Charge	Fixed Charge per annum	Variable Charge per Day MWh
8001365TP-9E5	750	\$26,034	\$20,235	\$253	\$36	\$46,558	\$23,279	\$12.90
8001801TP-411	1000	\$55,249	\$44,038	\$7,582	\$36	\$106,905	\$53,453	\$18.38
8001505TP-013	300	\$5,453	\$2,761	\$5,549	\$36	\$13,799	(\$11,849)	\$62.87
8001611TP-8B7	30	\$1,071	\$1,591	\$410	\$36	\$3,108	(\$3,119)	\$62.87
8001708TP-54F	100	\$562	\$900	\$2,702	\$36	\$4,201	\$2,754	\$62.87
8001695TP-CF7	500	\$20,854	\$9,895	\$3,332	\$36	\$34,117	\$17,059	\$12.53
8001815TP-FB6	1000	\$61,687	\$46,369	\$7,582	\$36	\$115,675	\$60,281	\$24.04
8001875TP-046	200	\$86	\$85	\$2,935	\$36	\$3,141	\$2,982	\$62.87

10.2 Line Charge Breakdown for Group Customers

Consumer Capacity	Code	Number of Connections	TransPower Charge	Sub transmission Charge	Distribution Charge	PowerNet Overheads	Fixed Charge per Day	Variable Charge per Day MWh
TPC Urban Domestic								
Small Domestic (8kVA 1 Phase) - All Peak	UD08P	63	\$3,940	\$5,889	\$15,831	\$2,280	\$0.6881	\$62.87
Small Domestic (8kVA 1 Phase) - With Off Peak	UD08Q	315	\$16,429	\$25,021	\$56,010	\$11,398	\$0.4503	\$62.87
Standard Domestic (20kVA 1 Phase) - All Peak	UD20P	1107	\$173,067	\$258,689	\$560,801	\$40,056	\$1.2383	\$62.87
Standard Domestic (20kVA 1 Phase) - With Off Peak	UD20Q	11310	\$1,474,674	\$2,245,901	\$4,557,952	\$409,243	\$0.8633	\$62.87
10% Fixed Charge Option - All Peak	UDL20P	366	\$46,726	\$72,528	\$48,523	\$13,243	\$0.1500	\$103.52
10% Fixed Charge Option - With Off Peak	UDL20Q	2081	\$222,930	\$350,458	\$213,738	\$75,299	\$ -	\$103.52
10% Fixed Charge Option (8kVA 1 Phase) - All Peak	UDL08P	16	\$900	\$1,392	\$1,663	\$579	\$0.1500	\$84.08
10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak	UDL08Q	54	\$2,691	\$4,126	\$2,862	\$1,954	\$ -	\$84.08
Non-Domestic Single Phase								
Street Lights (1 Phase)	US001L	3,143	\$44,408	\$69,723	\$115,899	\$2,275	\$0.1000	\$62.87
1 kVA 1 Phase - All Peak	US001P	42	\$3,981	\$5,936	\$14,527	\$1,520	\$0.4878	\$62.87
8 kVA 1 Phase - All Peak	US008P	166	\$10,381	\$15,517	\$41,715	\$6,007	\$0.6881	\$62.87
8 kVA 1 Phase - With Off Peak	US008Q	22	\$1,147	\$1,747	\$3,912	\$796	\$0.4503	\$62.87
20 kVA 1 Phase - All Peak	US020P	392	\$61,285	\$91,604	\$198,585	\$14,184	\$1.2383	\$62.87
20 kVA 1 Phase - With Off Peak	US020Q	127	\$16,559	\$25,219	\$51,181	\$4,595	\$0.8633	\$62.87
Non-Domestic Three Phase								
15 kVA 3 Phase - All Peak	UT015P	67	\$7,856	\$12,202	\$26,763	\$2,424	\$1.0257	\$62.87
15 kVA 3 Phase - With Off Peak	UT015Q	17	\$1,662	\$2,648	\$5,041	\$615	\$0.6754	\$62.87
30 kVA 3 Phase - All Peak	UT030P	571	\$141,894	\$223,706	\$328,419	\$20,661	\$1.7386	\$62.87
30 kVA 3 Phase - With Off Peak	UT030Q	107	\$22,258	\$35,813	\$45,699	\$3,872	\$1.1633	\$62.87
50 kVA 3 Phase - All Peak	UT050P	301	\$180,643	\$282,073	\$431,493	\$10,891	\$3.5273	\$62.87
50 kVA 3 Phase - With Off Peak	UT050Q	92	\$46,108	\$73,716	\$106,549	\$3,329	\$2.4016	\$62.87
75 kVA 3 Phase - All Peak	UT075P	96	\$104,946	\$165,455	\$286,496	\$3,474	\$8.5555	\$62.87
75 kVA 3 Phase - With Off Peak	UT075Q	23	\$21,047	\$33,865	\$51,489	\$832	\$5.7663	\$62.87
100 kVA 3 Phase - All Peak	UT100P	11	\$19,879	\$31,340	\$61,371	\$398	\$15.8477	\$62.87
100 kVA 3 Phase - With Off Peak	UT100Q	3	\$4,538	\$7,302	\$12,788	\$109	\$11.0072	\$62.87
TPC Rural Domestic								
Small Domestic (8kVA 1 Phase) - All Peak	RD08P	106	\$6,629	\$9,908	\$30,022	\$3,836	\$0.7756	\$62.87
Small Domestic (8kVA 1 Phase) - With Off Peak	RD08Q	153	\$7,980	\$12,153	\$31,399	\$5,536	\$0.5254	\$62.87
Standard Domestic (20kVA 1 Phase) - All Peak	RD20P	1,119	\$174,943	\$261,493	\$643,503	\$40,490	\$1.4259	\$62.87
Standard Domestic (20kVA 1 Phase) - With Off Peak	RD20Q	6,897	\$899,277	\$1,369,582	\$3,062,461	\$249,563	\$0.9757	\$62.87
10% Fixed Charge Option - All Peak	RDL20P	208	\$26,554	\$41,218	\$27,576	\$7,526	\$0.1500	\$103.52
10% Fixed Charge Option - With Off Peak	RDL20Q	584	\$62,562	\$98,351	\$70,640	\$21,132	\$0.0500	\$103.52
10% Fixed Charge Option (8kVA 1 Phase)	RDL08P	12	\$675	\$1,044	\$1,247	\$434	\$0.1500	\$84.08

Consumer Capacity	Code	Number of Connections	TransPower Charge	Sub transmission Charge	Distribution Charge	PowerNet Overheads	Fixed Charge per Day	Variable Charge per Day MWh
- All Peak 10%Fixed Charge Option (8kVA 1 Phase) - With Off Peak	RDL08Q	6	\$299	\$458	\$427	\$217	\$0.0500	\$84.08
Non-Domestic Single Phase & Holiday Homes								
Street Lights (1 Phase)	RS001L	517	\$7,305	\$11,469	\$21,423	\$374	\$0.1125	\$62.87
1 kVA 1 Phase - All Peak	RS001P	128	\$12,132	\$18,092	\$44,272	\$4,632	\$0.4878	\$62.87
8 kVA 1 Phase - All Peak	RS008P	872	\$54,531	\$81,509	\$246,976	\$31,553	\$0.7756	\$62.87
8 kVA 1 Phase - With Off Peak	RS008Q	27	\$1,408	\$2,145	\$5,541	\$977	\$0.5254	\$62.87
20 kVA 1 Phase - All Peak	RS020P	2,068	\$323,308	\$483,260	\$1,189,243	\$74,829	\$1.4259	\$62.87
20 kVA 1 Phase - With Off Peak	RS020Q	218	\$28,424	\$43,290	\$96,798	\$7,888	\$0.9757	\$62.87
Non-Domestic Three Phase								
15 kVA 3 Phase - All Peak	RT015P	230	\$26,968	\$41,887	\$103,423	\$8,322	\$1.1633	\$62.87
15 kVA 3 Phase - With Off Peak	RT015Q	15	\$1,467	\$2,337	\$5,065	\$543	\$0.7881	\$62.87
30 kVA 3 Phase - All Peak	RT030P	2,263	\$562,358	\$886,598	\$1,508,180	\$81,885	\$1.9887	\$62.87
30 kVA 3 Phase - With Off Peak	RT030Q	316	\$65,733	\$105,765	\$156,600	\$11,434	\$1.3509	\$62.87
50 kVA 3 Phase - All Peak	RT050P	403	\$241,858	\$377,660	\$653,158	\$14,582	\$4.0402	\$62.87
50 kVA 3 Phase - With Off Peak	RT050Q	556	\$278,655	\$445,499	\$717,531	\$20,118	\$2.7643	\$62.87
75 kVA 3 Phase - All Peak	RT075P	54	\$59,032	\$93,068	\$194,929	\$1,954	\$10.2691	\$62.87
75 kVA 3 Phase - With Off Peak	RT075Q	20	\$18,302	\$29,448	\$53,173	\$724	\$ 6.9170	\$62.87
100 kVA 3 Phase - All Peak	RT100P	24	\$43,372	\$68,379	\$161,842	\$868	\$19.0373	\$62.87
100 kVA 3 Phase - With Off Peak	RT100Q	8	\$12,102	\$19,472	\$40,529	\$289	\$13.2085	\$62.87