

POWERNET LIMITED LINE PRICING METHODOLOGY FOR THE POWER COMPANY LIMITED NETWORK AS AT 1 APRIL 2008

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:

Up to 110kVA = 36%

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 by-pass. 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 it is 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 2008 is \$252 million. The Use Charge of \$22.04 million is represented by depreciation of \$12.02 million, ownership costs of \$0.85 million and a gross return or net profit before tax of \$9.17 million, the later equating to 3.6% of the carrying value of the assets.

Asset Impairment and Future Pricing

Prior to 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 now restricts 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.

Four 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 | 146 | 28 | 70 | 76 |
| 110146TP-A8C | 200 | 92 | 131 | 19 | 46 | 68 |
| 110197TP-B8B | 150 | 125 | 222 | 24 | 68 | 130 |
| 112267TP-BDF | 150 | 89 | 53 | 10 | 34 | 12 |
| 116195TP-ECE | 150 | 150 | 177 | 32 | 70 | 100 |
| 118447TP-ECC | 150 | 135 | 145 | 18 | 44 | 90 |
| 118468TP-C47 | 100 | 100 | 218 | 32 | 81 | 83 |
| 1186119TP-9E7 | 200 | 282 | 290 | 49 | 133 | 153 |
| 118615TP-C46 | 200 | 145 | 378 | 51 | 135 | 137 |
| 141990TP-498 | 150 | 150 | 20 | 3 | 5 | 15 |
| 142817TP-7FC | 150 | 135 | 81 | 17 | 34 | 30 |
| 157641TP-7B1 | 150 | 135 | 59 | 10 | 22 | 34 |
| 180710TP-2C9 | 150 | 150 | 64 | 12 | 22 | 39 |
| 184621TP-6F0 | 50 | 45 | 56 | 14 | 33 | 19 |
| 184687TP-F60 | 150 | 135 | 158 | 34 | 79 | 79 |
| 190101TP-AC6 | 150 | 135 | 125 | 24 | 56 | 69 |
| 192519TP-D3E | 150 | 120 | 125 | 3 | 9 | 11 |
| 221318TP-720 | 150 | 135 | 62 | 16 | 37 | 24 |
| 240375TP-473 | 150 | 135 | 329 | 49 | 170 | 134 |
| 240526TP-6BD | 150 | 106 | 234 | 25 | 67 | 99 |
| 241126TP-B1C | 150 | 150 | 288 | 45 | 108 | 63 |
| 250351TP-0CD | 300 | 157 | 594 | 72 | 193 | 220 |
| 300360TP-C68 | 75 | 20 | 26 | 7 | 16 | 9 |
| 313732TP-2E5 | 200 | 215 | 350 | 31 | 88 | 237 |
| 314914TP-C54 | 200 | 267 | 330 | 34 | 87 | 219 |
| 373002TP-847 | 200 | 100 | 98 | 12 | 27 | 65 |
| 389990TP-5F0 | 150 | 76 | 192 | 14 | 33 | 104 |
| 389997TP-83A | 200 | 67 | 188 | 20 | 47 | 87 |
| 391396TP-B94 | 150 | 100 | 132 | 20 | 50 | 60 |
| 396516TP-CB8 | 300 | 150 | 65 | 17 | 32 | 31 |
| 396517TP-0FD | 200 | 111 | 215 | 27 | 67 | 85 |
| 4004001TP-401 | 150 | 58 | 83 | 12 | 31 | 30 |
| 400440TP-B34 | 100 | 52 | 159 | 21 | 52 | 49 |
| 400495TP-B39 | 200 | 95 | 396 | 40 | 108 | 182 |
| 404955TP-F5E | 100 | 61 | 105 | 19 | 46 | 40 |
| 405190TP-453 | 150 | 71 | 217 | 25 | 64 | 105 |
| 405350TP-9BB | 150 | 93 | 286 | 31 | 80 | 125 |
| 405508TP-5A1 | 200 | 127 | 464 | 60 | 167 | 155 |
| 405769TP-C13 | 200 | 100 | 227 | 29 | 78 | 130 |
| 416731TP-C0E | 150 | 92 | 118 | 21 | 52 | 43 |
| 4182832TP-1BD | 200 | 192 | 427 | 61 | 140 | 178 |
| 4182836TP-0B7 | 150 | 189 | 867 | 90 | 256 | 330 |
| 482070TP-CA8 | 300 | 300 | 153 | 15 | 83 | 68 |
| 502013TP-4D1 | 150 | 135 | 50 | 10 | 20 | 20 |
| 517704TP-375 | 150 | 135 | 129 | 25 | 60 | 68 |
| 525441TP-DF0 | 150 | 135 | 38 | 7 | 17 | 22 |
| 5290993TP-D4F | 150 | 67 | 85 | 16 | 37 | 33 |
| 543645TP-165 | 200 | 10 | 11 | 1 | 5 | 5 |
| 549325TP-5D0 | 500 | 138 | 691 | 87 | 236 | 242 |
| 549615TP-72D | 150 | 84 | 315 | 43 | 115 | 104 |
| 5672985TP-1EF | 100 | 85 | 74 | 10 | 24 | 37 |
| 5791154TP-B14 | 150 | 135 | 224 | 35 | 100 | 110 |
| 5791985TP-A1E | 150 | 135 | 109 | 25 | 53 | 52 |
| 595728TP-15B | 500 | 246 | 123 | 19 | 41 | 69 |
| 615269TP-92F | 300 | 302 | 332 | 57 | 132 | 163 |
| 624606TP-58C | 150 | 150 | 136 | 22 | 50 | 84 |
| 625837TP-99A | 150 | 180 | 229 | 43 | 105 | 108 |
| 632751TP-46B | 150 | 39 | 71 | 10 | 28 | 28 |
| 6438485TP-221 | 200 | 75 | 133 | 17 | 48 | 46 |
| 656382TP-D30 | 100 | 10 | 1 | 1 | 1 | 1 |
| 800113TP-837 | 100 | 38 | 136 | 14 | 40 | 52 |
| 800118TP-6E3 | 150 | 150 | 21 | 4 | 9 | 13 |

| 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 |
|---|--------------------------------------|--|---|--|---|---|
| 800120TP-30F | 30 | 10 | 10 | 1 | 2 | 2 |
| 8001275TP-A4C | 75 | 75 | 105 | 21 | 50 | 45 |
| 800128TP-11B | 100 | 100 | 62 | 10 | 18 | 43 |
| 8001305TP-615 | 30 | 44 | 83 | 13 | 32 | 50 |
| 8001505TP-013 | 300 | 129 | 418 | 58 | 142 | 183 |
| 800150TP-652 | 100 | 90 | 130 | 24 | 56 | 70 |
| 800151TP-A17 | 100 | 38 | 127 | 16 | 38 | 59 |
| 8001611TP-8B7 | 30 | 42 | 151 | 20 | 52 | 47 |
| 800167TP-C60 | 150 | 96 | 414 | 48 | 133 | 202 |
| 8001708TP-54F | 100 | 50 | 24 | 3 | 9 | 11 |
| 8001875TP-046 | 200 | 10 | 1 | 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 | 55 | 121 | 178 | 34 | 80 | 61 |
| 116167TP-E5C | 150 | 32 | 49 | 128 | 20 | 51 | 36 |
| 1164012TP-00A | 300 | 64 | 294 | 436 | 38 | 129 | 99 |
| 1186118TP-5A2 | 200 | 66 | 102 | 396 | 37 | 109 | 160 |
| 141326TP-DAF | 200 | 59 | 110 | 518 | 46 | 133 | 224 |
| 141806TP-3F4 | 150 | 1 | 10 | 79 | 0 | 0 | 52 |
| 141924TP-720 | 200 | 50 | 100 | 375 | 3 | 5 | 261 |
| 143131TP-38F | 30 | 10 | 10 | 1 | 1 | 1 | 1 |
| 150910TP-893 | 500 | 151 | 252 | 627 | 75 | 163 | 231 |
| 150912TP-816 | 750 | 35 | 141 | 404 | 33 | 89 | 167 |
| 150925TP-224 | 150 | 60 | 116 | 470 | 57 | 157 | 162 |
| 150931TP-983 | 500 | 95 | 281 | 366 | 76 | 167 | 187 |
| 166724TP-C86 | 300 | 292 | 382 | 1718 | 196 | 532 | 645 |
| 176630TP-6C4 | 150 | 10 | 150 | 301 | 64 | 153 | 62 |
| 177096TP-8F2 | 150 | 97 | 180 | 336 | 57 | 141 | 123 |
| 181911TP-927 | 75 | 56 | 99 | 618 | 37 | 99 | 136 |
| 1819179TP-7AE | 150 | 55 | 109 | 279 | 37 | 110 | 144 |
| 1819183TP-528 | 150 | 26 | 57 | 117 | 18 | 41 | 49 |
| 1819727TP-A3B | 100 | 22 | 53 | 128 | 17 | 48 | 62 |
| 181975TP-7DD | 150 | 66 | 100 | 369 | 46 | 144 | 187 |
| 182010TP-E8B | 100 | 83 | 126 | 345 | 59 | 138 | 140 |
| 185015TP-7A4 | 200 | 11 | 58 | 53 | 9 | 26 | 20 |
| 186250TP-0A9 | 750 | 140 | 587 | 587 | 140 | 310 | 100 |
| 192534TP-F30 | 150 | 40 | 100 | 200 | 28 | 75 | 100 |
| 192544TP-A6D | 300 | 273 | 322 | 1530 | 210 | 551 | 640 |
| 204735TP-7C2 | 50 | 46 | 98 | 138 | 19 | 59 | 50 |
| 235545TP-814 | 200 | 117 | 135 | 461 | 79 | 173 | 191 |
| 244381TP-3EE | 50 | 1 | 5 | 92 | 0 | 0 | 61 |
| 249945TP-521 | 150 | 6 | 60 | 228 | 16 | 45 | 128 |
| 304798TP-4EA | 300 | 35 | 163 | 84 | 19 | 51 | 31 |
| 315340TP-EFC | 500 | 162 | 600 | 240 | 30 | 95 | 120 |
| 3193735TP-319 | 200 | 20 | 120 | 90 | 5 | 12 | 60 |
| 319705TP-697 | 150 | 1 | 5 | 133 | 0 | 0 | 89 |
| 319736TP-DAF | 200 | 1 | 10 | 137 | 0 | 0 | 92 |
| 331280TP-F5A | 150 | 1 | 5 | 108 | 0 | 0 | 73 |
| 333040TP-1F2 | 200 | 1 | 101 | 142 | 1 | 4 | 92 |
| 333049TP-FA3 | 150 | 3 | 8 | 34 | 2 | 7 | 17 |
| 3330508TP-D6D | 300 | 2 | 5 | 51 | 2 | 4 | 30 |
| 3330513TP-914 | 150 | 1 | 5 | 34 | 0 | 0 | 23 |
| 362484TP-9C2 | 200 | 116 | 231 | 493 | 65 | 199 | 214 |
| 364828TP-B0F | 150 | 5 | 29 | 21 | 4 | 9 | 7 |
| 382896TP-29B | 200 | 1 | 10 | 65 | 0 | 0 | 42 |
| 389999TP-BA1 | 300 | 6 | 61 | 100 | 7 | 15 | 54 |
| 391339TP-C55 | 50 | 7 | 20 | 70 | 10 | 28 | 31 |
| 403101TP-231 | 50 | 32 | 51 | 149 | 23 | 50 | 44 |
| 405386TP-576 | 150 | 8 | 74 | 43 | 7 | 17 | 16 |
| 405545TP-85F | 150 | 34 | 105 | 217 | 23 | 68 | 142 |

| 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 |
|---|--------------------------------------|---|--|---|--|---|---|
| 418284TP-E36 | 500 | 169 | 446 | 393 | 83 | 187 | 203 |
| 424510TP-575 | 500 | 67 | 247 | 539 | 83 | 192 | 285 |
| 4245295TP-206 | 150 | 29 | 60 | 75 | 15 | 40 | 28 |
| 426599TP-D2E | 500 | 172 | 217 | 931 | 119 | 323 | 390 |
| 427512TP-710 | 150 | 18 | 84 | 43 | 8 | 22 | 16 |
| 4370715TP-029 | 500 | 105 | 282 | 442 | 81 | 162 | 208 |
| 437074TP-48B | 1000 | 355 | 669 | 1329 | 252 | 522 | 618 |
| 437078TP-795 | 1000 | 302 | 483 | 1820 | 247 | 517 | 726 |
| 444030TP-F7D | 200 | 103 | 200 | 344 | 61 | 149 | 117 |
| 482021TP-8E5 | 150 | 33 | 150 | 213 | 50 | 117 | 96 |
| 482074TP-DA2 | 200 | 19 | 56 | 72 | 13 | 30 | 39 |
| 520373TP-2AF | 1500 | 178 | 594 | 708 | 148 | 298 | 375 |
| 521003TP-551 | 75 | 44 | 61 | 281 | 33 | 92 | 122 |
| 522002TP-BF4 | 150 | 81 | 136 | 250 | 40 | 110 | 140 |
| 530906TP-856 | 300 | 75 | 192 | 464 | 57 | 158 | 149 |
| 5552055TP-ODD | 2000 | 321 | 1386 | 6127 | 624 | 1416 | 2832 |
| 556467TP-973 | 1000 | 316 | 640 | 2778 | 296 | 826 | 1077 |
| 556470TP-E14 | 300 | 120 | 274 | 1365 | 141 | 393 | 505 |
| 556472TP-E91 | 150 | 10 | 119 | 11 | 2 | 5 | 4 |
| 564570TP-57C | 50 | 14 | 30 | 98 | 11 | 32 | 43 |
| 5678995TP-502 | 200 | 57 | 142 | 318 | 30 | 110 | 91 |
| 568266TP-ADC | 500 | 164 | 483 | 1473 | 128 | 366 | 432 |
| 5682737TP-04F | 300 | 12 | 43 | 235 | 9 | 21 | 32 |
| 568791TP-204 | 100 | 44 | 65 | 289 | 32 | 94 | 121 |
| 569639TP-0AB | 150 | 12 | 69 | 50 | 8 | 23 | 25 |
| 569640TP-BA7 | 200 | 15 | 207 | 101 | 13 | 34 | 38 |
| 5791016TP-030 | 50 | 23 | 36 | 138 | 14 | 42 | 60 |
| 5791226TP-DCF | 300 | 87 | 148 | 626 | 70 | 185 | 271 |
| 579184TP-AA1 | 100 | 26 | 89 | 245 | 18 | 43 | 36 |
| 589190TP-49A | 150 | 53 | 75 | 192 | 27 | 79 | 70 |
| 612680TP-5A5 | 100 | 15 | 56 | 146 | 15 | 44 | 71 |
| 617670TP-292 | 750 | 98 | 239 | 544 | 82 | 179 | 247 |
| 6204404TP-0E5 | 1000 | 353 | 561 | 1601 | 272 | 531 | 652 |
| 6204405TP-CA0 | 300 | 162 | 264 | 567 | 95 | 190 | 230 |
| 6204407TP-C25 | 500 | 362 | 453 | 2109 | 251 | 625 | 802 |
| 6204408TP-3FB | 750 | 444 | 548 | 2491 | 314 | 739 | 958 |
| 620456TP-103 | 750 | 160 | 266 | 520 | 114 | 231 | 210 |
| 624649TP-8F7 | 500 | 15 | 211 | 387 | 11 | 25 | 215 |
| 632798TP-DD5 | 100 | 2 | 90 | 118 | 10 | 19 | 61 |
| 633604TP-988 | 200 | 2 | 104 | 134 | 14 | 83 | 70 |
| 634528TP-0A0 | 30 | 1 | 9 | 52 | 4 | 8 | 27 |
| 637250TP-A0B | 750 | 5 | 475 | 540 | 90 | 15 | 329 |
| 6375055TP-7DC | 500 | 14 | 291 | 546 | 13 | 34 | 342 |
| 642956TP-513 | 200 | 15 | 32 | 148 | 13 | 40 | 64 |
| 6438465TP-89B | 500 | 108 | 260 | 519 | 95 | 201 | 206 |
| 643847TP-B5F | 500 | 89 | 197 | 316 | 59 | 130 | 142 |
| 643886TP-0F5 | 200 | 43 | 60 | 10 | 25 | 30 | 30 |
| 657599TP-EEF | 100 | 19 | 41 | 96 | 15 | 34 | 30 |
| 690224TP-CD4 | 150 | 34 | 46 | 187 | 20 | 54 | 71 |
| 8001011TP-EB1 | 300 | 68 | 230 | 396 | 52 | 141 | 156 |
| 8001015TP-FBB | 300 | 174 | 267 | 1213 | 138 | 382 | 510 |
| 800103TP-29A | 300 | 46 | 125 | 495 | 48 | 119 | 220 |
| 8001045TP-7B3 | 500 | 184 | 433 | 1357 | 171 | 371 | 649 |
| 800104TP-F50 | 500 | 248 | 494 | 2071 | 237 | 602 | 905 |
| 800105TP-315 | 10000 | 7630 | 10710 | 48391 | 4826 | 11899 | 21896 |
| 800107TP-390 | 200 | 127 | 204 | 759 | 67 | 161 | 365 |
| 800114TP-5FD | 500 | 189 | 249 | 1679 | 163 | 451 | 669 |
| 800116TP-578 | 6000 | 844 | 2236 | 8485 | 914 | 2398 | 3609 |
| 800121TP-F4A | 2000 | 874 | 1070 | 6389 | 662 | 1980 | 2608 |
| 8001245TP-DB4 | 500 | 51 | 534 | 338 | 44 | 124 | 208 |
| 800124TP-205 | 1000 | 422 | 824 | 5198 | 540 | 1494 | 1924 |
| 800125TP-E40 | 2000 | 567 | 1699 | 4245 | 550 | 1219 | 2174 |
| 800127TP-EC5 | 300 | 30 | 50 | 154 | 19 | 53 | 57 |
| 800130TP-9A2 | 300 | 275 | 335 | 1808 | 214 | 582 | 757 |
| 8001315TP-CB8 | 1500 | 118 | 1327 | 5364 | 520 | 2442 | 2725 |

| 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 |
|---|--------------------------------------|---|--|---|--|---|---|
| 800131TP-5E7 | 2500 | 632 | 1037 | 2946 | 477 | 1028 | 1173 |
| 8001320TP-60F | 300 | 49 | 160 | 184 | 31 | 69 | 80 |
| 800132TP-927 | 100 | 34 | 37 | 270 | 26 | 78 | 105 |
| 800133TP-562 | 4500 | 22 | 473 | 151 | 22 | 51 | 48 |
| 800134TP-8A8 | 5000 | 1071 | 4604 | 15575 | 1616 | 3730 | 7350 |
| 8001365TP-9E5 | 750 | 247 | 564 | 2355 | 224 | 601 | 1029 |
| 800139TP-7F3 | 300 | 67 | 192 | 430 | 64 | 143 | 207 |
| 800146TP-D70 | 22000 | 1245 | 16370 | 64331 | 5231 | 8305 | 34269 |
| 800147TP-135 | 150 | 85 | 115 | 511 | 68 | 172 | 209 |
| 800149TP-2AE | 300 | 238 | 308 | 1496 | 197 | 523 | 572 |
| 800152TP-6D7 | 1000 | 135 | 950 | 3699 | 263 | 648 | 2030 |
| 800153TP-A92 | 500 | 74 | 182 | 252 | 45 | 121 | 112 |
| 800155TP-B1D | 300 | 300 | 319 | 2535 | 249 | 707 | 981 |
| 800158TP-446 | 3500 | 1087 | 2237 | 3899 | 597 | 1685 | 1432 |
| 800161TP-DEF | 500 | 111 | 149 | 667 | 89 | 196 | 279 |
| 800163TP-D6A | 300 | 54 | 119 | 377 | 42 | 95 | 178 |
| 800164TP-0A0 | 500 | 124 | 324 | 924 | 118 | 263 | 423 |
| 800166TP-025 | 200 | 39 | 125 | 360 | 30 | 86 | 181 |
| 8001695TP-CF7 | 500 | 161 | 355 | 1765 | 192 | 478 | 784 |
| 800169TP-FFB | 150 | 75 | 124 | 528 | 54 | 140 | 225 |
| 800170TP-B07 | 750 | 211 | 441 | 1334 | 119 | 274 | 530 |
| 800171TP-742 | 1500 | 338 | 543 | 1590 | 228 | 510 | 704 |
| 8001801TP-411 | 1000 | 629 | 912 | 4895 | 553 | 1552 | 1715 |
| 8001815TP-FB6 | 1000 | 660 | 913 | 3081 | 504 | 981 | 1225 |
| 800181TP-755 | 500 | 122 | 271 | 637 | 105 | 219 | 272 |
| 800186TP-A9F | 750 | 11 | 757 | 1696 | 88 | 247 | 1072 |

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 | 66 | 68 | 290 | 44 | 102 | 115 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | UD08Q | 336 | 293 | 1475 | 169 | 468 | 575 |
| Standard Domestic (20kVA 1 Phase) - All Peak | UD20P | 1095 | 2806 | 12018 | 1834 | 4235 | 4782 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | UD20Q | 11480 | 25010 | 125997 | 14420 | 39964 | 49130 |
| 10% Fixed Charge Option - All Peak | UDL20P | 318 | 815 | 1939 | 296 | 683 | 771 |
| 10% Fixed Charge Option - With Off Peak | UDL20Q | 1688 | 3677 | 10292 | 1178 | 3265 | 4013 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | UDL08P | 10 | 10 | 39 | 4 | 14 | 16 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | UDL08Q | 34 | 30 | 133 | 15 | 42 | 52 |
| Non-Domestic Single Phase | | | | | | | |
| Street Lights (1 Phase) | US001L | 3,143 | 801 | 2692 | 411 | 949 | 1071 |
| 1 kVA 1 Phase - All Peak | US001P | 4 | 4 | 40 | 6 | 14 | 16 |
| 8 kVA 1 Phase - All Peak | US008P | 158 | 162 | 694 | 106 | 244 | 276 |
| 8 kVA 1 Phase - With Off Peak | US008Q | 18 | 16 | 79 | 9 | 25 | 31 |
| 20 kVA 1 Phase - All Peak | US020P | 377 | 966 | 4138 | 631 | 1458 | 1646 |
| 20 kVA 1 Phase - With Off Peak | US020Q | 127 | 277 | 1394 | 160 | 442 | 544 |
| Non-Domestic Three Phase | | | | | | | |
| 15 kVA 3 Phase - All Peak | UT015P | 59 | 113 | 486 | 74 | 171 | 193 |
| 15 kVA 3 Phase - With Off Peak | UT015Q | 60 | 98 | 494 | 57 | 157 | 193 |
| 30 kVA 3 Phase - All Peak | UT030P | 61 | 282 | 859 | 131 | 303 | 342 |
| 30 kVA 3 Phase - With Off Peak | UT030Q | 62 | 244 | 873 | 100 | 277 | 341 |
| 50 kVA 3 Phase - All Peak | UT050P | 63 | 650 | 2473 | 377 | 871 | 984 |
| 50 kVA 3 Phase - With Off Peak | UT050Q | 64 | 561 | 2512 | 287 | 797 | 979 |
| 75 kVA 3 Phase - All Peak | UT075P | 65 | 1323 | 4027 | 615 | 1419 | 1602 |
| 75 kVA 3 Phase - With Off Peak | UT075Q | 66 | 1141 | 4089 | 468 | 1297 | 1595 |
| 100 kVA 3 Phase - All Peak | UT100P | 67 | 2254 | 6863 | 1047 | 2419 | 2731 |
| 100 kVA 3 Phase - With Off Peak | UT100Q | 68 | 1944 | 6965 | 797 | 2209 | 2716 |
| TPC Rural | | | | | | | |
| Domestic | | | | | | | |
| Small Domestic (8kVA 1 Phase) - All Peak | RD08P | 114 | 117 | 500 | 76 | 176 | 199 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | RD08Q | 157 | 137 | 689 | 79 | 219 | 269 |
| Standard Domestic (20kVA 1 Phase) - All Peak | RD20P | 1,028 | 2635 | 11283 | 1722 | 3976 | 4489 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | RD20Q | 6,568 | 14309 | 72086 | 8250 | 22864 | 28108 |
| 10% Fixed Charge Option - All Peak | RDL20P | 163 | 418 | 994 | 152 | 350 | 395 |
| 10% Fixed Charge Option - With Off Peak | RDL20Q | 455 | 991 | 2774 | 318 | 880 | 1082 |
| 10% Fixed Charge Option | RDL08P | 6 | 6 | 26 | 4 | 9 | 10 |

| 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 |
|--|-------------|------------------------------|--|-------------------------------|------------------------------|-----------------------------|-----------------------------|
| (8kVA 1 Phase) - All Peak 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | RDL08Q | 3 | 3 | 13 | 2 | 4 | 5 |
| Non-Domestic Single Phase & Holiday Homes | | | | | | | |
| Street Lights (1 Phase) | RS001L | 517 | 132 | 443 | 68 | 156 | 176 |
| 1 kVA 1 Phase - All Peak | RS001P | 62 | 62 | 625 | 95 | 220 | 249 |
| 8 kVA 1 Phase - All Peak | RS008P | 783 | 803 | 3437 | 525 | 1211 | 1368 |
| 8 kVA 1 Phase - With Off Peak | RS008Q | 26 | 23 | 114 | 13 | 36 | 45 |
| 20 kVA 1 Phase - All Peak | RS020P | 2,052 | 5259 | 22521 | 3437 | 7937 | 8961 |
| 20 kVA 1 Phase - With Off Peak | RS020Q | 206 | 449 | 2261 | 259 | 717 | 882 |
| Non-Domestic Three Phase | | | | | | | |
| 15 kVA 3 Phase - All Peak | RT015P | 197 | 379 | 1622 | 247 | 571 | 645 |
| 15 kVA 3 Phase - With Off Peak | RT015Q | 15 | 25 | 123 | 14 | 39 | 48 |
| 30 kVA 3 Phase - All Peak | RT030P | 2,258 | 10444 | 31803 | 4853 | 11208 | 12654 |
| 30 kVA 3 Phase - With Off Peak | RT030Q | 303 | 1191 | 4268 | 488 | 1354 | 1664 |
| 50 kVA 3 Phase - All Peak | RT050P | 366 | 3774 | 14366 | 2192 | 5063 | 5716 |
| 50 kVA 3 Phase - With Off Peak | RT050Q | 468 | 4102 | 18369 | 2102 | 5826 | 7163 |
| 75 kVA 3 Phase - All Peak | RT075P | 52 | 1058 | 3222 | 492 | 1135 | 1282 |
| 75 kVA 3 Phase - With Off Peak | RT075Q | 16 | 277 | 991 | 113 | 314 | 387 |
| 100 kVA 3 Phase - All Peak | RT100P | 22 | 740 | 2253 | 344 | 794 | 897 |
| 100 kVA 3 Phase - With Off Peak | RT100Q | 5 | 143 | 512 | 59 | 162 | 200 |

2. TRANSMISSION CHARGES

Transmission charges reflect the Transpower grid asset management costs incurred by The Power Company Ltd based on the five points of supply and also include the equivalent costs of the Pioneer Generation point of supply at Monowai Power Station in Western Southland.

The five points of supply are:

- (a) Gore
- (b) Edendale
- (c) Invercargill
- (d) North Makarewa
- (e) Monowai

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 | \$530,120 |
| (b) Edendale | \$214,072 |
| (c) Invercargill | \$233,308 |
| (d) North Makarewa | \$762,973 |

The total connection charge for Invercargill is \$691,947. The Power Company's share is \$233,308.

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 | \$10.48 | \$5.49 | \$1.86 |
| Edendale | \$7.49 | \$5.38 | \$1.70 |
| Invercargill (TPCL) | \$5.20 | \$2.43 | \$0.83 |
| North Makarewa | \$8.87 | \$4.52 | \$1.54 |
| Monowai | \$8.87 | \$4.52 | \$1.54 |

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 | \$8.36 | \$4.39 | \$1.40 |

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 | \$1,612,813 |
| (b) | Edendale | \$493,220 |
| (c) | Invercargill | \$1,391,508 |
| (d) | North Makarewa | \$2,424,160 |
| (e) | Monowai | \$300,769 |

The Power Company's share of the Invercargill interconnection charge of \$4,814,870 is \$1,391,508.

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 | \$27.34 | \$25.03 | \$5.66 |
| Edendale | \$14.78 | \$18.59 | \$3.92 |
| Invercargill (TPCL) | \$26.60 | \$21.75 | \$4.94 |
| North Makarewa | \$27.16 | \$21.54 | \$4.88 |
| Monowai | \$27.16 | \$21.54 | \$4.88 |

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

| Point of Supply | Per kVA Coincident Peak Demand |
|----------------------------|---------------------------------------|
| Gore | \$63.74 |
| Edendale | \$63.74 |
| Invercargill (TPCL) | \$63.74 |
| North Makarewa | \$63.74 |
| Monowai | \$63.74 |

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 | \$28.38 | \$26.11 | \$5.54 |

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 | \$2,982 | \$596 |
| 50 | 7 | \$9,930 | \$1,419 |
| 75 | 4 | \$9,562 | \$2,391 |
| 100 | 19 | \$36,235 | \$1,907 |
| 150 | 62 | \$163,916 | \$2,644 |
| 200 | 34 | \$113,343 | \$3,334 |
| 300 | 26 | \$208,528 | \$8,020 |
| 500 | 24 | \$224,249 | \$9,344 |
| 750 | 9 | \$110,204 | \$12,245 |
| 1000 | 8 | \$245,089 | \$30,636 |
| 1500 | 3 | \$59,134 | \$19,711 |
| 2000 | 3 | \$133,628 | \$44,543 |
| 2500 | 1 | \$45,143 | \$45,143 |
| 3500 | 1 | \$93,797 | \$93,797 |
| 4500 | 1 | \$3,911 | \$3,911 |
| 5000 | 1 | \$132,294 | \$132,294 |
| 6000 | 1 | \$76,405 | \$76,405 |
| 10000 | 1 | \$610,480 | \$610,480 |
| 22000 | 1 | \$368,227 | \$368,227 |

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 | 66 | \$64 | \$4,236 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | UD08Q | 336 | \$54 | \$17,980 |
| Standard Domestic (20kVA 1 Phase) - All Peak | UD20P | 1095 | \$160 | \$175,696 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | UD20Q | 11480 | \$134 | \$1,535,772 |
| 10% Fixed Charge Option - All Peak | UDL20P | 318 | \$131 | \$41,654 |
| 10% Fixed Charge Option - With Off Peak | UDL20Q | 1688 | \$110 | \$185,496 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | UDL08P | 10 | \$58 | \$577 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | UDL08Q | 34 | \$51 | \$1,738 |
| Non-Domestic Single Phase | | | | |
| Street Lights (1 Phase) | US001L | 3,143 | \$15 | \$45,703 |
| 1 kVA 1 Phase - All Peak | US001P | 4 | \$98 | \$390 |
| 8 kVA 1 Phase - All Peak | US008P | 158 | \$64 | \$10,141 |
| 8 kVA 1 Phase - With Off Peak | US008Q | 18 | \$54 | \$963 |
| 20 kVA 1 Phase - All Peak | US020P | 377 | \$160 | \$60,491 |
| 20 kVA 1 Phase - With Off Peak | US020Q | 127 | \$134 | \$16,990 |
| Non-Domestic Three Phase | | | | |
| 15 kVA 3 Phase - All Peak | UT015P | 59 | \$120 | \$7,100 |
| 15 kVA 3 Phase - With Off Peak | UT015Q | 17 | \$100 | \$1,706 |
| 30 kVA 3 Phase - All Peak | UT030P | 569 | \$255 | \$145,093 |
| 30 kVA 3 Phase - With Off Peak | UT030Q | 110 | \$213 | \$23,474 |
| 50 kVA 3 Phase - All Peak | UT050P | 285 | \$616 | \$175,531 |
| 50 kVA 3 Phase - With Off Peak | UT050Q | 86 | \$514 | \$44,220 |
| 75 kVA 3 Phase - All Peak | UT075P | 95 | \$1,122 | \$106,567 |
| 75 kVA 3 Phase - With Off Peak | UT075Q | 22 | \$939 | \$20,653 |
| 100 kVA 3 Phase - All Peak | UT100P | 9 | \$1,854 | \$16,690 |
| 100 kVA 3 Phase - With Off Peak | UT100Q | 2 | \$1,552 | \$3,104 |
| TPC Rural | | | | |
| Domestic | | | | |
| Small Domestic (8kVA 1 Phase) - All Peak | RD08P | 114 | \$64 | \$7,317 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | RD08Q | 157 | \$54 | \$8,401 |
| Standard Domestic (20kVA 1 Phase) - All Peak | RD20P | 1,028 | \$160 | \$164,945 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | RD20Q | 6,568 | \$134 | \$878,654 |
| 10% Fixed Charge Option - All Peak | RDL20P | 163 | \$131 | \$21,351 |
| 10% Fixed Charge Option - With Off Peak | RDL20Q | 455 | \$110 | \$50,000 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | RDL08P | 6 | \$58 | \$346 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | RDL08Q | 3 | \$51 | \$153 |
| Non-Domestic Single Phase | | | | |
| Street Lights (1 Phase) | RS001L | 517 | \$15 | \$7,518 |
| 1 kVA 1 Phase - All Peak | RS001P | 62 | \$98 | \$6,051 |
| 8 kVA 1 Phase - All Peak | RS008P | 783 | \$64 | \$50,254 |
| 8 kVA 1 Phase - With Off Peak | RS008Q | 26 | \$54 | \$1,391 |
| 20 kVA 1 Phase - All Peak | RS020P | 2,052 | \$160 | \$329,249 |
| 20 kVA 1 Phase - With Off Peak | RS020Q | 206 | \$134 | \$27,558 |
| Non-Domestic Three Phase | | | | |
| 15 kVA 3 Phase - All Peak | RT015P | 197 | \$120 | \$23,707 |
| 15 kVA 3 Phase - With Off Peak | RT015Q | 15 | \$100 | \$1,505 |
| 30 kVA 3 Phase - All Peak | RT030P | 2,258 | \$255 | \$575,782 |
| 30 kVA 3 Phase - With Off Peak | RT030Q | 303 | \$213 | \$64,661 |
| 50 kVA 3 Phase - All Peak | RT050P | 366 | \$616 | \$225,419 |
| 50 kVA 3 Phase - With Off Peak | RT050Q | 468 | \$514 | \$240,642 |
| 75 kVA 3 Phase - All Peak | RT075P | 52 | \$1,122 | \$58,331 |
| 75 kVA 3 Phase - With Off Peak | RT075Q | 16 | \$939 | \$15,020 |
| 100 kVA 3 Phase - All Peak | RT100P | 22 | \$1,854 | \$40,797 |
| 100 kVA 3 Phase - With Off Peak | RT100Q | 5 | \$1,552 | \$7,760 |

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 \$10,212,935.

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 \$1,580,463

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 | \$127,945 | \$19,817 |
| Bluff | \$406,372 | \$62,940 |
| Centre Bush | \$231,345 | \$35,832 |
| Conical Hills | \$388,966 | \$60,244 |
| Dipton | \$135,330 | \$20,960 |
| Edendale | \$242,226 | \$37,517 |
| Glenham | \$140,040 | \$21,690 |
| Gorge Road | \$142,252 | \$22,033 |
| Hillside | \$345,213 | \$53,468 |
| Kelso | \$330,520 | \$51,192 |
| Kennington | \$125,031 | \$19,365 |
| Lumsden | \$466,285 | \$72,220 |
| Makarewa | \$235,173 | \$36,424 |
| Mataura | \$288,667 | \$44,710 |
| Monowai | \$79,569 | \$12,324 |
| Mossburn | \$414,035 | \$64,127 |
| NZMP | \$270,993 | \$39,515 |
| North Gore | \$228,225 | \$35,348 |
| Ohai | \$416,376 | \$64,490 |
| Orawia | \$506,811 | \$78,497 |
| Otatara | \$203,648 | \$31,542 |
| Otautau | \$536,353 | \$83,072 |
| Riversdale | \$421,399 | \$65,268 |
| Riverton | \$460,089 | \$71,260 |
| Seaward Bush | \$307,053 | \$47,558 |
| South Gore | \$194,122 | \$30,066 |
| Te Anau | \$1,025,966 | \$158,906 |
| Tokanui | \$229,455 | \$35,539 |
| Underwood | \$497,898 | \$77,116 |
| Waikiwi | \$276,051 | \$42,756 |
| Winton | \$514,327 | \$79,661 |
| ICC46 | \$25,199 | \$5,006 |

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 | \$72.90 | \$168.37 | \$81.78 | \$7.30 | \$14.61 | \$8.07 |
| Bluff | \$60.73 | \$26.89 | \$8.27 | \$0.98 | \$1.96 | \$6.72 |
| Centre Bush | \$67.47 | \$39.72 | \$13.20 | \$1.54 | \$3.08 | \$7.46 |
| Conical Hills | \$59.71 | \$39.44 | \$13.26 | \$1.68 | \$3.36 | \$6.61 |
| Dipton | \$85.68 | \$79.21 | \$24.45 | \$2.84 | \$5.68 | \$9.48 |
| Edendale | \$30.78 | \$17.94 | \$5.96 | \$0.53 | \$1.06 | \$3.40 |
| Glenham | \$76.73 | \$52.91 | \$17.79 | \$2.39 | \$4.79 | \$8.49 |
| Gorge Road | \$66.86 | \$41.32 | \$13.79 | \$1.62 | \$3.23 | \$7.40 |
| Hillside | \$316.87 | \$170.93 | \$55.80 | \$7.36 | \$14.72 | \$35.06 |
| Kelso | \$61.41 | \$28.78 | \$9.71 | \$1.19 | \$2.37 | \$6.79 |
| Kennington | \$23.75 | \$12.68 | \$5.24 | \$0.37 | \$0.74 | \$2.63 |
| Lumsden | \$118.90 | \$58.16 | \$18.93 | \$2.31 | \$4.62 | \$13.15 |
| Makarewa | \$33.51 | \$17.26 | \$5.74 | \$0.51 | \$1.02 | \$3.71 |
| Manapouri | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Mataura | \$25.94 | \$19.85 | \$6.78 | \$0.45 | \$0.90 | \$2.87 |
| Monowai | \$271.61 | \$136.86 | \$44.27 | \$5.79 | \$11.58 | \$30.05 |
| Mossburn | \$188.15 | \$113.70 | \$37.66 | \$4.13 | \$8.26 | \$20.82 |
| NZMP | \$14.34 | \$12.34 | \$5.15 | \$0.16 | \$0.32 | \$1.49 |
| North Gore | \$21.86 | \$8.65 | \$2.85 | \$0.35 | \$0.71 | \$2.42 |
| Ohai | \$153.52 | \$65.05 | \$21.37 | \$2.53 | \$5.05 | \$16.98 |
| Orawia | \$140.03 | \$68.87 | \$23.32 | \$2.73 | \$5.47 | \$15.49 |
| Otatara | \$44.51 | \$19.69 | \$6.85 | \$1.02 | \$2.03 | \$4.92 |
| Otautau | \$87.24 | \$42.63 | \$14.64 | \$1.66 | \$3.32 | \$9.65 |
| Pullar | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Riversdale | \$81.06 | \$42.57 | \$14.02 | \$1.64 | \$3.28 | \$8.97 |
| Riverton | \$79.06 | \$32.31 | \$10.72 | \$1.38 | \$2.77 | \$8.75 |
| Seaward Bush | \$25.57 | \$10.19 | \$3.25 | \$0.31 | \$0.61 | \$2.83 |
| South Gore | \$16.88 | \$7.86 | \$2.59 | \$0.28 | \$0.56 | \$1.87 |
| Te Anau | \$140.92 | \$59.43 | \$19.18 | \$2.19 | \$4.38 | \$15.59 |
| Tokanui | \$185.35 | \$119.04 | \$36.49 | \$5.15 | \$10.31 | \$20.51 |
| Underwood | \$19.68 | \$19.57 | \$6.52 | \$0.37 | \$0.74 | \$2.18 |
| Waikiwi | \$18.44 | \$7.10 | \$2.42 | \$0.30 | \$0.59 | \$2.04 |
| Winton | \$35.77 | \$16.34 | \$5.30 | \$0.58 | \$1.15 | \$3.96 |

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:

| | 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 |
|------------------------|---|--|---|--|--|--|
| Group Consumers | \$53.13 | \$29.27 | \$9.26 | \$0.80 | \$1.60 | \$4.45 |

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) Maitua
- (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 \$17,605,685.

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 \$5,477,498.

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 | \$2.27 per kVA km Urban |
| (b) | Distribution Supply charge | \$0.50 per kVA km Rural |
| (c) | Distribution Transformer charge | \$371 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 ≥ 75 kVA |
| (g) | Distribution Transformer charge | \$29 per Transformer for capacity < 75 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 | \$10.4 per kVA Contract Capacity |
| (b) | Distribution Supply charge | \$27.86 per Winter Peak MWh |
| (c) | Distribution Supply charge | \$8.55 per Winter Day MWh |
| (d) | Distribution Maintenance charge | \$0.59 per Domestic Total MWh |
| (e) | Distribution Maintenance charge | \$1.18 per Commercial Total MWh |
| (f) | Distribution Maintenance charge | \$0.61 per kVA Contract Capacity |
| (g) | Distribution Transformer charge | \$13.58 per kVA AD Transformer capacity |

TPC Rural

| | | |
|-----|---------------------------------|---|
| (a) | Distribution Supply charge | \$62.73 per kVA Contract Capacity |
| (b) | Distribution Supply charge | \$116.46 per Winter Peak MWh |
| (c) | Distribution Supply charge | \$38.35 per Winter Day MWh |
| (d) | Distribution Maintenance charge | \$4.42 per Domestic Total MWh |
| (e) | Distribution Maintenance charge | \$8.84 per Commercial Total MWh |
| (f) | Distribution Maintenance charge | \$7.19 per kVA Contract Capacity |
| (g) | Distribution Transformer charge | \$13.58 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 \$37.69

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 | \$3,658 | \$5,939 | \$188 | \$9,785 |
| 50 | \$9,728 | \$5,327 | \$264 | \$15,319 |
| 75 | \$10,942 | \$4,543 | \$151 | \$15,635 |
| 100 | \$45,703 | \$35,536 | \$716 | \$81,956 |
| 150 | \$192,297 | \$149,574 | \$2,337 | \$344,208 |
| 200 | \$196,117 | \$91,149 | \$1,281 | \$288,547 |
| 300 | \$145,324 | \$78,748 | \$980 | \$225,052 |
| 500 | \$1,342,470 | \$93,174 | \$905 | \$1,436,549 |
| 750 | \$173,329 | \$41,126 | \$339 | \$214,794 |
| 1000 | \$245,480 | \$46,150 | \$302 | \$291,931 |
| 1500 | \$205,681 | \$14,067 | \$113 | \$219,861 |
| 2000 | \$218,116 | \$25,132 | \$113 | \$243,361 |
| 2500 | \$27,710 | \$10 | \$38 | \$27,758 |
| 3500 | \$173,563 | \$669 | \$38 | \$174,270 |
| 4500 | \$7,197 | \$1,114 | \$38 | \$8,349 |
| 5000 | \$202,402 | \$1,855 | \$38 | \$204,295 |
| 6000 | \$101,064 | \$1,216 | \$38 | \$102,318 |
| 10000 | \$405,086 | \$3,065 | \$38 | \$408,189 |
| 22000 | \$334,219 | \$2 | \$38 | \$334,259 |

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 | 66 | \$5,959 | \$15,536 | \$2,487 | \$23,983 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | UD08Q | 336 | \$25,753 | \$56,310 | \$12,664 | \$94,726 |
| Standard Domestic (20kVA 1 Phase) - All Peak | UD20P | 1095 | \$247,159 | \$526,568 | \$41,270 | \$814,997 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | UD20Q | 11480 | \$2,199,740 | \$4,432,817 | \$432,671 | \$7,065,229 |
| 10% Fixed Charge Option - All Peak | UDL20P | 318 | \$60,737 | \$50,438 | \$11,985 | \$123,160 |
| 10% Fixed Charge Option - With Off Peak | UDL20Q | 1688 | \$273,812 | \$214,464 | \$63,619 | \$551,896 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | UDL08P | 10 | \$838 | \$1,124 | \$377 | \$2,339 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | UDL08Q | 34 | \$2,506 | \$2,065 | \$1,281 | \$5,853 |
| Non-Domestic Single Phase | | | | | | |
| Street Lights (1 Phase) | US001L | 3,143 | \$67,469 | \$109,967 | \$2,369 | \$179,804 |
| 1 kVA 1 Phase - All Peak | US001P | 4 | \$549 | \$1,348 | \$151 | \$2,048 |
| 8 kVA 1 Phase - All Peak | US008P | 158 | \$14,265 | \$37,193 | \$5,955 | \$57,413 |
| 8 kVA 1 Phase - With Off Peak | US008Q | 18 | \$1,380 | \$3,017 | \$678 | \$5,075 |
| 20 kVA 1 Phase - All Peak | US020P | 377 | \$85,095 | \$181,293 | \$14,209 | \$280,597 |
| 20 kVA 1 Phase - With Off Peak | US020Q | 127 | \$24,335 | \$49,039 | \$4,787 | \$78,161 |
| Non-Domestic Three Phase | | | | | | |
| 15 kVA 3 Phase - All Peak | UT015P | 59 | \$10,377 | \$22,284 | \$2,224 | \$34,884 |
| 15 kVA 3 Phase - With Off Peak | UT015Q | 17 | \$2,555 | \$4,813 | \$641 | \$8,009 |
| 30 kVA 3 Phase - All Peak | UT030P | 569 | \$215,017 | \$308,059 | \$21,445 | \$544,521 |
| 30 kVA 3 Phase - With Off Peak | UT030Q | 110 | \$35,484 | \$44,739 | \$4,146 | \$84,368 |
| 50 kVA 3 Phase - All Peak | UT050P | 285 | \$257,813 | \$390,600 | \$10,741 | \$659,154 |
| 50 kVA 3 Phase - With Off Peak | UT050Q | 86 | \$66,457 | \$96,428 | \$3,241 | \$166,127 |
| 75 kVA 3 Phase - All Peak | UT075P | 95 | \$157,925 | \$267,787 | \$3,580 | \$429,292 |
| 75 kVA 3 Phase - With Off Peak | UT075Q | 22 | \$31,220 | \$47,040 | \$829 | \$79,089 |
| 100 kVA 3 Phase - All Peak | UT100P | 9 | \$24,733 | \$47,384 | \$339 | \$72,456 |
| 100 kVA 3 Phase - With Off Peak | UT100Q | 2 | \$4,692 | \$8,123 | \$75 | \$12,890 |
| TPC Rural | | | | | | |
| Domestic | | | | | | |
| Small Domestic (8kVA 1 Phase) - All Peak | RD08P | 114 | \$10,293 | \$30,231 | \$4,297 | \$44,820 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | RD08Q | 157 | \$12,033 | \$30,328 | \$5,917 | \$48,279 |
| Standard Domestic (20kVA 1 Phase) - All Peak | RD20P | 1,028 | \$232,036 | \$560,050 | \$38,744 | \$830,831 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | RD20Q | 6,568 | \$1,258,527 | \$2,787,606 | \$247,542 | \$4,293,676 |
| 10% Fixed Charge Option - All Peak | RDL20P | 163 | \$31,132 | \$25,853 | \$6,143 | \$63,129 |
| 10% Fixed Charge Option - With Off Peak | RDL20Q | 455 | \$73,806 | \$66,113 | \$17,149 | \$157,067 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | RDL08P | 6 | \$503 | \$674 | \$226 | \$1,404 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | RDL08Q | 3 | \$221 | \$182 | \$113 | \$516 |
| Non-Domestic Single Phase & Holiday Homes | | | | | | |

| Consumer Capacity | Code | Number of Connections | Sub transmission Charge | Distribution Charge | PowerNet Overheads | Total PowerNet Revenue |
|---------------------------------|-------------|------------------------------|--------------------------------|----------------------------|---------------------------|-------------------------------|
| Street Lights (1 Phase) | RS001L | 517 | \$11,098 | \$20,297 | \$390 | \$31,784 |
| 1 kVA 1 Phase - All Peak | RS001P | 62 | \$8,517 | \$20,889 | \$2,337 | \$31,743 |
| 8 kVA 1 Phase - All Peak | RS008P | 783 | \$70,694 | \$207,636 | \$29,511 | \$307,841 |
| 8 kVA 1 Phase - With Off Peak | RS008Q | 26 | \$1,993 | \$5,023 | \$980 | \$7,995 |
| 20 kVA 1 Phase - All Peak | RS020P | 2,052 | \$463,169 | \$1,117,921 | \$77,338 | \$1,658,428 |
| 20 kVA 1 Phase - With Off Peak | RS020Q | 206 | \$39,473 | \$87,431 | \$7,764 | \$134,668 |
| Non-Domestic Three Phase | | | | | | |
| 15 kVA 3 Phase - All Peak | RT015P | 197 | \$34,648 | \$83,638 | \$7,425 | \$125,711 |
| 15 kVA 3 Phase - With Off Peak | RT015Q | 15 | \$2,255 | \$4,822 | \$565 | \$7,642 |
| 30 kVA 3 Phase - All Peak | RT030P | 2,258 | \$853,266 | \$1,414,850 | \$85,102 | \$2,353,219 |
| 30 kVA 3 Phase - With Off Peak | RT030Q | 303 | \$97,742 | \$142,589 | \$11,420 | \$251,751 |
| 50 kVA 3 Phase - All Peak | RT050P | 366 | \$331,086 | \$565,535 | \$13,794 | \$910,415 |
| 50 kVA 3 Phase - With Off Peak | RT050Q | 468 | \$361,651 | \$582,554 | \$17,639 | \$961,844 |
| 75 kVA 3 Phase - All Peak | RT075P | 52 | \$86,443 | \$176,924 | \$1,960 | \$265,326 |
| 75 kVA 3 Phase - With Off Peak | RT075Q | 16 | \$22,705 | \$40,481 | \$603 | \$63,789 |
| 100 kVA 3 Phase - All Peak | RT100P | 22 | \$60,458 | \$139,724 | \$829 | \$201,011 |
| 100 kVA 3 Phase - With Off Peak | RT100Q | 5 | \$11,729 | \$24,056 | \$188 | \$35,974 |

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 \$67.37 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 \$67.37. This method of calculating the fixed charge accounts for the fact that some installations have negative fixed charges.

The Variable Charge of \$67.37 per MWh of daytime sales equates to \$58.66 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 | \$10,916 | \$2,183 |
| 50 | 7 | \$25,250 | \$3,607 |
| 75 | 4 | \$25,197 | \$6,299 |
| 100 | 19 | \$118,190 | \$6,221 |
| 150 | 62 | \$508,124 | \$8,196 |
| 200 | 34 | \$401,890 | \$11,820 |
| 300 | 26 | \$433,580 | \$16,676 |
| 500 | 24 | \$1,660,798 | \$69,200 |
| 750 | 9 | \$324,998 | \$36,111 |
| 1000 | 8 | \$537,021 | \$67,128 |
| 1500 | 3 | \$278,995 | \$92,998 |
| 2000 | 3 | \$376,989 | \$125,663 |
| 2500 | 1 | \$72,901 | \$72,901 |
| 3500 | 1 | \$268,067 | \$268,067 |
| 4500 | 1 | \$12,260 | \$12,260 |
| 5000 | 1 | \$336,589 | \$336,589 |
| 6000 | 1 | \$178,723 | \$178,723 |
| 10000 | 1 | \$1,018,669 | \$1,018,669 |
| 22000 | 1 | \$702,485 | \$702,485 |

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 | 66 | \$0.6420 | \$58.66 | \$28,219 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | UD08Q | 336 | \$0.4201 | \$58.66 | \$112,706 |
| Standard Domestic (20kVA 1 Phase) - All Peak | UD20P | 1095 | \$1.1553 | \$58.66 | \$990,693 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | UD20Q | 11480 | \$0.8054 | \$58.66 | \$8,601,001 |
| 10% Fixed Charge Option - All Peak | UDL20P | 318 | \$0.1500 | \$80.91 | \$164,814 |
| 10% Fixed Charge Option - With Off Peak | UDL20Q | 1688 | \$0.00 | \$80.91 | \$737,392 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | UDL08P | 10 | \$0.1500 | \$101.32 | \$2,917 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | UDL08Q | 34 | \$0.00 | \$101.32 | \$7,591 |
| Non-Domestic Single Phase | | | | | |
| Street Lights (1 Phase) | US001L | 3,143 | \$0.0933 | \$58.66 | \$225,507 |
| 1 kVA 1 Phase - All Peak | US001P | 4 | \$0.4551 | \$58.66 | \$2,438 |
| 8 kVA 1 Phase - All Peak | US008P | 158 | \$0.6420 | \$58.66 | \$67,553 |
| 8 kVA 1 Phase - With Off Peak | US008Q | 18 | \$0.4201 | \$58.66 | \$6,038 |
| 20 kVA 1 Phase - All Peak | US020P | 377 | \$1.1553 | \$58.66 | \$341,088 |
| 20 kVA 1 Phase - With Off Peak | US020Q | 127 | \$0.8054 | \$58.66 | \$95,150 |
| Non-Domestic Three Phase | | | | | |
| 15 kVA 3 Phase - All Peak | UT015P | 59 | \$0.9570 | \$58.66 | \$41,984.30 |
| 15 kVA 3 Phase - With Off Peak | UT015Q | 17 | \$0.6302 | \$58.66 | \$9,714.77 |
| 30 kVA 3 Phase - All Peak | UT030P | 569 | \$1.6221 | \$58.66 | \$689,613.82 |
| 30 kVA 3 Phase - With Off Peak | UT030Q | 110 | \$1.0854 | \$58.66 | \$107,842.63 |
| 50 kVA 3 Phase - All Peak | UT050P | 285 | \$3.2910 | \$58.66 | \$834,685.24 |
| 50 kVA 3 Phase - With Off Peak | UT050Q | 86 | \$2.2407 | \$58.66 | \$210,347.16 |
| 75 kVA 3 Phase - All Peak | UT075P | 95 | \$7.9824 | \$58.66 | \$535,859.43 |
| 75 kVA 3 Phase - With Off Peak | UT075Q | 22 | \$5.3800 | \$58.66 | \$99,742.19 |
| 100 kVA 3 Phase - All Peak | UT100P | 9 | \$14.7861 | \$58.66 | \$89,145.45 |
| 100 kVA 3 Phase - With Off Peak | UT100Q | 2 | \$10.2698 | \$58.66 | \$15,994.08 |
| TPC Rural | | | | | |
| Domestic | | | | | |
| Small Domestic (8kVA 1 Phase) - All Peak | RD08P | 114 | \$0.7236 | \$58.66 | \$52,136.43 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | RD08Q | 157 | \$0.4902 | \$58.66 | \$56,680.30 |
| Standard Domestic (20kVA 1 Phase) - All Peak | UD20P | 1,028 | \$1.3304 | \$58.66 | \$995,776.08 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | UD20Q | 6,568 | \$0.9103 | \$58.66 | \$5,172,330.08 |
| 10% Fixed Charge Option - All Peak | RDL20P | 163 | \$0.1500 | \$80.91 | \$84,479.96 |
| 10% Fixed Charge Option - With Off Peak | RDL20Q | 455 | \$0.0500 | \$80.91 | \$207,067.54 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | UDL08P | 6 | \$0.1500 | \$101.32 | \$1,749.91 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | UDL08Q | 3 | \$0.0500 | \$101.32 | \$669.78 |
| Non-Domestic Single Phase | | | | | |
| Street Lights (1 Phase) | RS001L | 517 | \$0.1050 | \$58.66 | \$39,302.12 |
| 1 kVA 1 Phase - All Peak | RS001P | 62 | \$0.4551 | \$58.66 | \$37,793.78 |
| 8 kVA 1 Phase - All Peak | RS008P | 783 | \$0.7236 | \$58.66 | \$358,094.96 |
| 8 kVA 1 Phase - With Off Peak | RS008Q | 26 | \$0.4902 | \$58.66 | \$9,386.55 |
| 20 kVA 1 Phase - All Peak | RS020P | 2,052 | \$1.3304 | \$58.66 | \$1,987,677.54 |
| 20 kVA 1 Phase - With Off Peak | RS020Q | 206 | \$0.9103 | \$58.66 | \$162,225.94 |
| Non-Domestic Three Phase | | | | | |
| 15 kVA 3 Phase - All Peak | RT015P | 197 | \$1.0854 | \$58.66 | \$149,417.47 |
| 15 kVA 3 Phase - With Off Peak | RT015Q | 15 | \$0.7353 | \$58.66 | \$9,147.27 |
| 30 kVA 3 Phase - All Peak | RT030P | 2,258 | \$1.8555 | \$58.66 | \$2,929,000.99 |
| 30 kVA 3 Phase - With Off Peak | RT030Q | 303 | \$1.2604 | \$58.66 | \$316,411.54 |
| 50 kVA 3 Phase - All Peak | RT050P | 366 | \$3.7695 | \$58.66 | \$1,135,834.38 |

| Consumer Capacity | Code | Number of Connections | Fixed Charge per Day | Variable Charge per Day MWh | Line Charge Revenue per Consumer Group |
|---------------------------------|-------------|------------------------------|-----------------------------|------------------------------------|---|
| 50 kVA 3 Phase - With Off Peak | RT050Q | 468 | \$2.5791 | \$58.66 | \$1,202,485.39 |
| 75 kVA 3 Phase - All Peak | RT075P | 52 | \$9.5812 | \$58.66 | \$323,657.75 |
| 75 kVA 3 Phase - With Off Peak | RT075Q | 16 | \$6.4536 | \$58.66 | \$78,809.60 |
| 100 kVA 3 Phase - All Peak | RT100P | 22 | \$17.7620 | \$58.66 | \$241,807.59 |
| 100 kVA 3 Phase - With Off Peak | RT100Q | 5 | \$12.3237 | \$58.66 | \$43,733.57 |

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 |
|---------------|-----------------------|--------------------|------------------------|---------------------|-----------------|-------------------|------------------------|-----------------------------|
| 396516TP-CB8 | 300 | \$2,847 | \$11,730 | \$3,398 | \$38 | \$18,013 | \$13,751 | \$58.66 |
| 396517TP-0FD | 200 | \$2,755 | \$11,584 | \$2,774 | \$38 | \$17,150 | \$6,900 | \$58.66 |
| 800105TP-315 | 10000 | \$610,480 | \$405,086 | \$3,065 | \$38 | \$1,018,669 | \$509,335 | \$15.07 |
| 800116TP-578 | 6000 | \$76,405 | \$101,064 | \$1,216 | \$38 | \$178,723 | \$89,362 | \$14.88 |
| 800134TP-8A8 | 5000 | \$132,294 | \$202,402 | \$1,855 | \$38 | \$336,589 | \$168,295 | \$15.19 |
| 8001365TP-9E5 | 750 | \$20,670 | \$17,535 | \$238 | \$38 | \$38,481 | \$19,240 | \$11.80 |
| 800127TP-EC5 | 300 | \$2,050 | \$1,917 | \$2,610 | \$38 | \$6,614 | \$3,307 | \$30.28 |
| 800139TP-7F3 | 300 | \$5,634 | \$4,611 | \$2,457 | \$38 | \$12,740 | \$6,370 | \$18.18 |
| 800107TP-390 | 200 | \$9,325 | \$4,491 | \$2,608 | \$38 | \$16,463 | \$8,231 | \$15.66 |
| 800118TP-6E3 | 150 | \$2,356 | \$2,410 | \$2,182 | \$38 | \$6,986 | \$5,559 | \$58.66 |
| 800128TP-11B | 100 | \$1,756 | \$2,629 | \$2,163 | \$38 | \$6,586 | \$2,501 | \$58.66 |
| 8001275TP-A4C | 75 | \$1,814 | \$2,508 | \$1,703 | \$38 | \$6,062 | (\$370) | \$58.66 |
| 118447TP-ECC | 150 | \$2,962 | \$2,361 | \$2,052 | \$38 | \$7,413 | (\$1,575) | \$58.66 |
| 800146TP-D70 | 22000 | \$368,227 | \$334,219 | \$2 | \$38 | \$702,485 | \$0 | \$0.00 |
| 502013TP-4D1 | 150 | \$2,097 | \$1,065 | \$2,167 | \$38 | \$5,366 | \$2,661 | \$58.66 |
| 403101TP-231 | 50 | \$2,293 | \$1,916 | \$376 | \$38 | \$4,622 | \$4,622 | \$0.00 |
| 382896TP-29B | 200 | \$76 | \$504 | \$2,721 | \$38 | \$3,339 | \$3,339 | \$0.00 |
| 304798TP-4EA | 300 | \$2,974 | \$3,296 | \$3,791 | \$38 | \$10,099 | \$5,049 | \$61.15 |
| 800186TP-A9F | 750 | \$4,928 | \$20,341 | \$7,050 | \$38 | \$32,356 | \$16,178 | \$12.26 |
| 244381TP-3EE | 50 | \$71 | \$202 | \$1,752 | \$38 | \$2,063 | \$2,063 | \$0.00 |
| 8001708TP-54F | 100 | \$567 | \$853 | \$2,552 | \$38 | \$4,010 | \$2,661 | \$58.66 |
| 1819183TP-528 | 150 | \$1,954 | \$659 | \$3,700 | \$38 | \$6,351 | \$3,175 | \$35.40 |
| 333040TP-1F2 | 200 | \$399 | \$5,666 | \$3,063 | \$38 | \$9,165 | \$9,165 | \$0.00 |
| 482021TP-8E5 | 150 | \$2,606 | \$4,975 | \$2,366 | \$38 | \$9,985 | \$4,992 | \$23.41 |
| 643886TP-0F5 | 200 | \$3,000 | \$1,051 | \$2,391 | \$38 | \$6,480 | \$3,240 | \$54.00 |
| 391396TP-B94 | 150 | \$1,959 | \$7,565 | \$3,098 | \$38 | \$12,660 | \$5,255 | \$58.66 |
| 100109TP-F16 | 100 | \$4,148 | \$4,682 | \$2,588 | \$38 | \$11,456 | \$5,728 | \$40.63 |
| 800158TP-446 | 3500 | \$93,797 | \$173,563 | \$669 | \$38 | \$268,067 | \$134,033 | \$43.00 |
| 8001315TP-CB8 | 1500 | \$20,325 | \$57,033 | \$13,565 | \$38 | \$90,961 | \$45,480 | \$8.80 |
| 437074TP-48B | 1000 | \$27,301 | \$53,283 | \$7,820 | \$38 | \$88,442 | \$44,221 | \$38.78 |
| 437078TP-795 | 1000 | \$22,909 | \$43,941 | \$9,138 | \$38 | \$76,025 | \$38,012 | \$30.58 |
| 4370715TP-029 | 500 | \$8,301 | \$18,352 | \$5,166 | \$38 | \$31,856 | \$15,928 | \$43.06 |
| 800155TP-B1D | 300 | \$23,059 | \$7,665 | \$4,341 | \$38 | \$35,103 | \$17,551 | \$10.40 |
| 8001875TP-046 | 200 | \$83 | \$77 | \$2,769 | \$38 | \$2,966 | \$2,831 | \$58.66 |
| 185015TP-7A4 | 200 | \$936 | \$420 | \$2,626 | \$38 | \$4,020 | \$2,010 | \$43.68 |
| 5678995TP-502 | 200 | \$4,085 | \$1,823 | \$2,157 | \$38 | \$8,103 | \$4,052 | \$20.16 |
| 800133TP-562 | 4500 | \$3,911 | \$7,197 | \$1,114 | \$38 | \$12,260 | \$6,130 | \$61.80 |

| 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 |
|---------------|-----------------------|--------------------|------------------------|---------------------|-----------------|-------------------|------------------------|-----------------------------|
| 141326TP-DAF | 200 | \$4,718 | \$6,988 | \$2,733 | \$38 | \$14,477 | \$7,238 | \$20.29 |
| 800163TP-D6A | 300 | \$4,160 | \$13,037 | \$3,347 | \$38 | \$20,582 | \$10,291 | \$37.62 |
| 444030TP-F7D | 200 | \$7,759 | \$5,352 | \$2,524 | \$38 | \$15,672 | \$7,836 | \$29.49 |
| 427512TP-710 | 150 | \$1,448 | \$1,339 | \$2,306 | \$38 | \$5,130 | \$2,565 | \$67.28 |
| 549615TP-72D | 150 | \$2,472 | \$1,249 | \$1,841 | \$38 | \$5,600 | (\$9,227) | \$58.66 |
| 800124TP-205 | 1000 | \$31,516 | \$25,412 | \$5,021 | \$38 | \$61,986 | \$30,993 | \$9.07 |
| 556470TP-E14 | 300 | \$8,872 | \$6,733 | \$2,480 | \$38 | \$18,123 | \$9,062 | \$10.10 |
| 556472TP-E91 | 150 | \$894 | \$1,398 | \$2,210 | \$38 | \$4,541 | \$2,270 | \$251.97 |
| 240526TP-6BD | 150 | \$2,814 | \$1,562 | \$3,671 | \$38 | \$8,085 | (\$3,089) | \$58.66 |
| 8001505TP-013 | 300 | \$4,857 | \$2,488 | \$5,295 | \$38 | \$12,677 | (\$9,235) | \$58.66 |
| 5290993TP-D4F | 150 | \$1,183 | \$623 | \$1,922 | \$38 | \$3,766 | (\$974) | \$58.66 |
| 221318TP-720 | 150 | \$2,843 | \$1,615 | \$2,720 | \$38 | \$7,215 | \$3,069 | \$58.66 |
| 8001815TP-FB6 | 1000 | \$49,852 | \$35,649 | \$7,102 | \$38 | \$92,641 | \$48,763 | \$21.00 |
| 8001801TP-411 | 1000 | \$49,010 | \$41,822 | \$7,102 | \$38 | \$97,971 | \$48,986 | \$15.00 |
| 800181TP-755 | 500 | \$9,526 | \$7,970 | \$4,603 | \$38 | \$22,137 | \$11,069 | \$22.54 |
| DDD | 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0.00 |
| 314914TP-C54 | 200 | \$5,610 | \$17,839 | \$3,063 | \$38 | \$26,550 | \$6,068 | \$58.66 |
| 4004001TP-401 | 150 | \$956 | \$3,586 | \$2,106 | \$38 | \$6,686 | \$2,559 | \$58.66 |
| 5672985TP-1EF | 100 | \$1,480 | \$2,202 | \$1,306 | \$38 | \$5,025 | \$921 | \$58.66 |
| 612680TP-5A5 | 100 | \$1,184 | \$1,792 | \$2,936 | \$38 | \$5,950 | \$2,975 | \$25.95 |
| 3193735TP-319 | 200 | \$1,740 | \$7,282 | \$2,752 | \$38 | \$11,811 | \$11,811 | \$0.00 |
| 141806TP-3F4 | 150 | \$79 | \$416 | \$2,395 | \$38 | \$2,928 | \$2,928 | \$0.00 |
| 313732TP-2E5 | 200 | \$4,668 | \$10,373 | \$2,577 | \$38 | \$17,656 | (\$4,084) | \$58.66 |
| 362484TP-9C2 | 200 | \$8,860 | \$6,656 | \$3,260 | \$38 | \$18,814 | \$9,407 | \$22.76 |
| 404955TP-F5E | 100 | \$1,487 | \$2,043 | \$1,668 | \$38 | \$5,236 | (\$590) | \$58.66 |
| 405545TP-85F | 150 | \$2,704 | \$9,581 | \$2,234 | \$38 | \$14,556 | \$7,278 | \$34.70 |
| 405508TP-5A1 | 200 | \$4,557 | \$17,070 | \$2,530 | \$38 | \$24,194 | \$2,401 | \$58.66 |
| 405350TP-9BB | 150 | \$2,322 | \$8,978 | \$2,053 | \$38 | \$13,391 | (\$400) | \$58.66 |
| 800153TP-A92 | 500 | \$5,931 | \$2,680 | \$6,275 | \$38 | \$14,923 | \$7,462 | \$31.97 |
| 8001305TP-615 | 30 | \$966 | \$1,338 | \$1,768 | \$38 | \$4,110 | (\$1,407) | \$58.66 |
| 116195TP-ECE | 150 | \$3,826 | \$2,088 | \$3,145 | \$38 | \$9,098 | (\$2,350) | \$58.66 |
| 5791985TP-A1E | 150 | \$2,656 | \$1,486 | \$2,075 | \$38 | \$6,255 | (\$847) | \$58.66 |
| 110146TP-A8C | 200 | \$2,119 | \$1,702 | \$3,008 | \$38 | \$6,867 | (\$807) | \$58.66 |
| 241126TP-B1C | 150 | \$4,532 | \$1,950 | \$2,972 | \$38 | \$9,491 | (\$2,144) | \$58.66 |
| 166724TP-C86 | 300 | \$22,277 | \$6,896 | \$2,597 | \$38 | \$31,807 | \$15,904 | \$13.51 |
| 690224TP-CD4 | 150 | \$2,459 | \$672 | \$1,923 | \$38 | \$5,091 | \$2,546 | \$20.30 |
| 250351TP-0CD | 300 | \$6,172 | \$3,196 | \$3,980 | \$38 | \$13,385 | (\$14,501) | \$58.66 |
| 177096TP-8F2 | 150 | \$7,474 | \$2,321 | \$2,274 | \$38 | \$12,107 | \$6,053 | \$23.00 |
| 800151TP-A17 | 100 | \$1,032 | \$1,447 | \$1,881 | \$38 | \$4,398 | (\$2,128) | \$58.66 |
| 240375TP-473 | 150 | \$4,982 | \$2,080 | \$2,405 | \$38 | \$9,505 | (\$11,110) | \$58.66 |
| 8001245TP-DB4 | 500 | \$4,774 | \$20,012 | \$4,302 | \$38 | \$29,126 | \$14,563 | \$43.75 |
| 517704TP-375 | 150 | \$2,707 | \$1,521 | \$2,116 | \$38 | \$6,382 | (\$2,261) | \$58.66 |

| 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 |
|---------------|-----------------------|--------------------|------------------------|---------------------|-----------------|-------------------|------------------------|-----------------------------|
| 637250TP-A0B | 750 | \$2,362 | \$9,439 | \$5,341 | \$38 | \$17,180 | \$8,590 | \$24.96 |
| 1819179TP-7AE | 150 | \$4,316 | \$1,806 | \$3,682 | \$38 | \$9,841 | \$4,921 | \$19.39 |
| 625837TP-99A | 150 | \$4,505 | \$3,312 | \$2,155 | \$38 | \$10,010 | (\$4,389) | \$58.66 |
| 800114TP-5FD | 500 | \$14,286 | \$10,679 | \$597 | \$38 | \$25,600 | \$12,800 | \$11.43 |
| 556467TP-973 | 1000 | \$23,089 | \$16,143 | \$4,583 | \$38 | \$43,853 | \$21,926 | \$11.52 |
| 800103TP-29A | 300 | \$3,386 | \$1,901 | \$189 | \$38 | \$5,514 | \$2,757 | \$8.14 |
| 569640TP-BA7 | 200 | \$1,460 | \$1,993 | \$363 | \$38 | \$3,854 | \$1,927 | \$26.72 |
| 800130TP-9A2 | 300 | \$19,161 | \$5,794 | \$2,535 | \$38 | \$27,527 | \$13,764 | \$10.28 |
| 568791TP-204 | 100 | \$3,173 | \$2,969 | \$1,195 | \$38 | \$7,375 | \$3,688 | \$17.18 |
| 521003TP-551 | 75 | \$3,180 | \$2,997 | \$978 | \$38 | \$7,193 | \$3,596 | \$16.86 |
| 564570TP-57C | 50 | \$1,010 | \$954 | \$601 | \$38 | \$2,602 | \$1,301 | \$17.47 |
| 5791016TP-030 | 50 | \$1,632 | \$1,347 | \$574 | \$38 | \$3,591 | \$1,795 | \$17.65 |
| 181975TP-7DD | 150 | \$5,059 | \$1,569 | \$2,541 | \$38 | \$9,207 | \$4,603 | \$13.93 |
| 400440TP-B34 | 100 | \$1,398 | \$1,946 | \$1,479 | \$38 | \$4,860 | (\$1,974) | \$58.66 |
| 418284TP-E36 | 500 | \$13,248 | \$44,403 | \$4,839 | \$38 | \$62,528 | \$31,264 | \$80.06 |
| 4182832TP-1BD | 200 | \$5,391 | \$22,287 | \$2,774 | \$38 | \$30,489 | \$9,046 | \$58.66 |
| 4182836TP-0B7 | 150 | \$6,939 | \$29,645 | \$2,603 | \$38 | \$39,224 | (\$285) | \$58.66 |
| 530906TP-856 | 300 | \$5,932 | \$11,508 | \$2,452 | \$38 | \$19,930 | \$9,965 | \$32.44 |
| 800164TP-0A0 | 500 | \$9,995 | \$37,326 | \$4,742 | \$38 | \$52,102 | \$26,051 | \$37.94 |
| 405190TP-453 | 150 | \$1,693 | \$6,401 | \$2,229 | \$38 | \$10,361 | (\$1,002) | \$58.66 |
| 319736TP-DAF | 200 | \$76 | \$852 | \$3,501 | \$38 | \$4,467 | \$4,467 | \$0.00 |
| 180710TP-2C9 | 150 | \$2,840 | \$1,331 | \$2,169 | \$38 | \$6,378 | \$2,280 | \$58.66 |
| 8001695TP-CF7 | 500 | \$11,853 | \$9,829 | \$3,131 | \$38 | \$24,850 | \$12,425 | \$9.84 |
| 800147TP-135 | 150 | \$6,521 | \$2,470 | \$1,868 | \$38 | \$10,896 | \$5,448 | \$14.30 |
| 800150TP-652 | 100 | \$2,247 | \$3,161 | \$2,169 | \$38 | \$7,615 | (\$883) | \$58.66 |
| 142817TP-7FC | 150 | \$2,841 | \$2,197 | \$2,182 | \$38 | \$7,258 | \$2,924 | \$58.66 |
| 589190TP-49A | 150 | \$3,791 | \$1,808 | \$2,113 | \$38 | \$7,750 | \$3,875 | \$26.04 |
| 116167TP-E5C | 150 | \$2,334 | \$641 | \$1,971 | \$38 | \$4,984 | \$2,492 | \$28.88 |
| 118468TP-C47 | 100 | \$2,711 | \$3,831 | \$1,597 | \$38 | \$8,176 | (\$2,911) | \$58.66 |
| 1015827TP-5C5 | 150 | \$2,725 | \$4,228 | \$2,537 | \$38 | \$9,527 | (\$336) | \$58.66 |
| 190101TP-AC6 | 150 | \$3,235 | \$1,786 | \$2,700 | \$38 | \$7,759 | (\$674) | \$58.66 |
| 800169TP-FFB | 150 | \$5,259 | \$2,951 | \$2,090 | \$38 | \$10,338 | \$5,169 | \$14.17 |
| 249945TP-521 | 150 | \$707 | \$3,479 | \$2,358 | \$38 | \$6,582 | \$3,291 | \$19.06 |
| 364828TP-B0F | 150 | \$381 | \$280 | \$2,613 | \$38 | \$3,311 | \$1,655 | \$104.85 |
| 110197TP-B8B | 150 | \$3,187 | \$2,607 | \$2,825 | \$38 | \$8,657 | (\$4,634) | \$58.66 |
| 426599TP-D2E | 500 | \$12,712 | \$8,108 | \$4,614 | \$38 | \$25,472 | \$12,736 | \$17.86 |
| 192544TP-A6D | 300 | \$20,838 | \$7,634 | \$3,868 | \$38 | \$32,377 | \$16,188 | \$13.59 |
| 657599TP-EEF | 100 | \$1,379 | \$1,294 | \$110 | \$38 | \$2,821 | \$2,821 | \$0.00 |
| 192519TP-D3E | 150 | \$1,989 | \$1,029 | \$2,648 | \$38 | \$5,704 | \$4,355 | \$58.66 |
| 1186119TP-9E7 | 200 | \$7,179 | \$5,664 | \$2,173 | \$38 | \$15,053 | (\$4,255) | \$58.66 |
| 118615TP-C46 | 200 | \$4,865 | \$3,980 | \$2,173 | \$38 | \$11,055 | (\$7,335) | \$58.66 |
| 1186118TP-5A2 | 200 | \$4,958 | \$2,752 | \$2,173 | \$38 | \$9,920 | \$4,960 | \$18.44 |

| 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 |
|---------------|-----------------------|--------------------|------------------------|---------------------|-----------------|-------------------|------------------------|-----------------------------|
| 543645TP-165 | 200 | \$102 | \$190 | \$2,249 | \$38 | \$2,579 | \$1,903 | \$58.66 |
| 6204408TP-3FB | 750 | \$30,907 | \$15,752 | \$3,893 | \$38 | \$50,589 | \$25,295 | \$14.90 |
| 6204407TP-C25 | 500 | \$25,184 | \$12,861 | \$3,242 | \$38 | \$41,325 | \$20,663 | \$14.48 |
| 6204405TP-CA0 | 300 | \$11,256 | \$5,302 | \$2,440 | \$38 | \$19,036 | \$9,518 | \$22.66 |
| 6204404TP-0E5 | 1000 | \$24,881 | \$13,715 | \$4,380 | \$38 | \$43,014 | \$21,507 | \$18.18 |
| 8001320TP-60F | 300 | \$3,582 | \$2,525 | \$2,440 | \$38 | \$8,585 | \$4,292 | \$28.67 |
| 620456TP-103 | 750 | \$11,204 | \$5,679 | \$3,895 | \$38 | \$20,815 | \$10,407 | \$23.62 |
| 204735TP-7C2 | 50 | \$3,373 | \$3,234 | \$1,437 | \$38 | \$8,081 | \$4,040 | \$37.27 |
| 525441TP-DF0 | 150 | \$2,011 | \$1,703 | \$2,137 | \$38 | \$5,889 | \$3,259 | \$58.66 |
| 633604TP-988 | 200 | \$620 | \$2,167 | \$2,293 | \$38 | \$5,118 | \$2,559 | \$16.67 |
| 3330513TP-914 | 150 | \$70 | \$260 | \$2,761 | \$38 | \$3,129 | \$3,129 | \$0.00 |
| 333049TP-FA3 | 150 | \$220 | \$555 | \$2,694 | \$38 | \$3,507 | \$3,507 | \$0.00 |
| 615269TP-92F | 300 | \$7,110 | \$15,791 | \$3,321 | \$38 | \$26,259 | \$6,360 | \$58.66 |
| 391339TP-C55 | 50 | \$539 | \$733 | \$3 | \$38 | \$1,312 | \$656 | \$11.12 |
| 1819727TP-A3B | 100 | \$1,632 | \$1,770 | \$2,205 | \$38 | \$5,645 | \$2,823 | \$25.65 |
| 800152TP-6D7 | 1000 | \$16,532 | \$15,515 | \$1,005 | \$38 | \$33,090 | \$16,545 | \$6.18 |
| 800170TP-B07 | 750 | \$16,124 | \$75,982 | \$4,020 | \$38 | \$96,163 | \$48,082 | \$59.81 |
| 182010TP-E8B | 100 | \$6,127 | \$6,264 | \$2,185 | \$38 | \$14,614 | \$7,307 | \$26.23 |
| 642956TP-513 | 200 | \$1,101 | \$725 | \$2,316 | \$38 | \$4,180 | \$2,090 | \$20.08 |
| 800104TP-F50 | 500 | \$17,993 | \$8,918 | \$3,485 | \$38 | \$30,433 | \$15,217 | \$10.09 |
| 8001045TP-7B3 | 500 | \$13,407 | \$6,811 | \$3,496 | \$38 | \$23,750 | \$11,875 | \$11.65 |
| 5791226TP-DCF | 300 | \$6,149 | \$2,472 | \$2,686 | \$38 | \$11,345 | \$5,673 | \$12.43 |
| 549325TP-5D0 | 500 | \$5,351 | \$2,782 | \$3,658 | \$38 | \$11,830 | (\$20,485) | \$58.66 |
| 643847TP-B5F | 500 | \$6,796 | \$4,888 | \$3,650 | \$38 | \$15,371 | \$7,686 | \$28.21 |
| 6438485TP-221 | 200 | \$1,560 | \$1,532 | \$2,298 | \$38 | \$5,428 | (\$932) | \$58.66 |
| 6438465TP-89B | 500 | \$8,494 | \$7,056 | \$3,650 | \$38 | \$19,237 | \$9,619 | \$23.65 |
| 157641TP-7B1 | 150 | \$2,541 | \$1,194 | \$2,306 | \$38 | \$6,079 | \$2,311 | \$58.66 |
| 800132TP-927 | 100 | \$2,443 | \$2,335 | \$2,627 | \$38 | \$7,442 | \$3,721 | \$20.31 |
| 632751TP-46B | 150 | \$552 | \$646 | \$2,294 | \$38 | \$3,529 | (\$258) | \$58.66 |
| 800113TP-837 | 100 | \$956 | \$1,377 | \$1,444 | \$38 | \$3,815 | (\$2,387) | \$58.66 |
| 331280TP-F5A | 150 | \$70 | \$1,094 | \$3,022 | \$38 | \$4,223 | \$4,223 | \$0.00 |
| 579184TP-AA1 | 100 | \$1,989 | \$2,671 | \$1,146 | \$38 | \$5,844 | \$2,922 | \$37.06 |
| 568266TP-ADC | 500 | \$12,192 | \$7,198 | \$3,484 | \$38 | \$22,911 | \$11,456 | \$14.34 |
| 5682737TP-04F | 300 | \$837 | \$395 | \$2,585 | \$38 | \$3,855 | \$1,927 | \$36.46 |
| 300360TP-C68 | 75 | \$432 | \$552 | \$720 | \$38 | \$1,742 | \$40 | \$58.66 |
| 405769TP-C13 | 200 | \$2,589 | \$9,980 | \$6,056 | \$38 | \$18,663 | \$4,680 | \$58.66 |
| 569639TP-0AB | 150 | \$899 | \$522 | \$1,931 | \$38 | \$3,390 | \$1,695 | \$35.17 |
| 617670TP-292 | 750 | \$7,715 | \$14,563 | \$6,414 | \$38 | \$28,730 | \$14,365 | \$33.72 |
| 112267TP-BDF | 150 | \$1,700 | \$1,336 | \$2,211 | \$38 | \$5,284 | \$2,138 | \$58.66 |
| 141924TP-720 | 200 | \$3,588 | \$4,733 | \$2,844 | \$38 | \$11,203 | \$5,601 | \$21.06 |
| 192534TP-F30 | 150 | \$3,197 | \$1,179 | \$2,310 | \$38 | \$6,723 | \$3,362 | \$19.21 |
| 800171TP-742 | 1500 | \$25,439 | \$75,558 | \$426 | \$38 | \$101,461 | \$50,731 | \$41.78 |

| 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 |
|---------------|-----------------------|--------------------|------------------------|---------------------|-----------------|-------------------|------------------------|-----------------------------|
| 632798TP-DD5 | 100 | \$438 | \$2,320 | \$2,156 | \$38 | \$4,952 | \$2,476 | \$30.75 |
| 634528TP-OA0 | 30 | \$99 | \$323 | \$1,701 | \$38 | \$2,160 | \$1,080 | \$30.74 |
| 5552055TP-ODD | 2000 | \$27,358 | \$139,357 | \$0 | \$38 | \$166,752 | \$166,752 | \$0.00 |
| 176630TP-6C4 | 150 | \$1,853 | \$2,146 | \$2,040 | \$38 | \$6,078 | \$3,039 | \$14.13 |
| 186250TP-OA9 | 750 | \$13,149 | \$7,473 | \$5,060 | \$38 | \$25,720 | \$12,860 | \$31.37 |
| 800121TP-F4A | 2000 | \$61,882 | \$33,758 | \$5,108 | \$38 | \$100,785 | \$50,392 | \$10.98 |
| 482074TP-DA2 | 200 | \$1,330 | \$1,219 | \$2,738 | \$38 | \$5,325 | \$2,662 | \$38.66 |
| 800125TP-E40 | 2000 | \$44,389 | \$45,001 | \$20,025 | \$38 | \$109,453 | \$54,726 | \$16.13 |
| 8001011TP-EB1 | 300 | \$5,062 | \$2,887 | \$2,631 | \$38 | \$10,617 | \$5,308 | \$17.87 |
| 400495TP-B39 | 200 | \$2,790 | \$10,767 | \$3,049 | \$38 | \$16,644 | (\$2,848) | \$58.66 |
| 800120TP-30F | 30 | \$0 | \$145 | \$1,669 | \$38 | \$0 | \$0 | \$0.00 |
| 595728TP-15B | 500 | \$4,537 | \$4,584 | \$4,449 | \$38 | \$13,608 | \$6,214 | \$58.66 |
| 184621TP-6F0 | 50 | \$1,014 | \$1,342 | \$585 | \$38 | \$2,979 | (\$559) | \$58.66 |
| 5791154TP-B14 | 150 | \$3,212 | \$1,758 | \$1,822 | \$38 | \$6,830 | (\$7,355) | \$58.66 |
| 482070TP-CA8 | 300 | \$5,087 | \$7,750 | \$3,345 | \$38 | \$16,220 | \$5,985 | \$58.66 |
| 656382TP-D30 | 100 | \$87 | \$116 | \$2,130 | \$38 | \$2,370 | \$2,235 | \$58.66 |
| 800131TP-5E7 | 2500 | \$45,143 | \$27,710 | \$10 | \$38 | \$72,901 | \$36,451 | \$16.56 |
| 520373TP-2AF | 1500 | \$13,370 | \$73,090 | \$75 | \$38 | \$86,573 | \$43,286 | \$64.24 |
| 184687TP-F60 | 150 | \$3,719 | \$1,587 | \$2,018 | \$38 | \$7,361 | (\$3,323) | \$58.66 |
| 522002TP-BF4 | 150 | \$5,618 | \$2,413 | \$2,300 | \$38 | \$10,368 | \$5,184 | \$20.74 |
| 150931TP-983 | 500 | \$7,972 | \$12,584 | \$4,034 | \$38 | \$24,627 | \$12,313 | \$34.82 |
| 150925TP-224 | 150 | \$4,862 | \$7,240 | \$2,361 | \$38 | \$14,501 | \$7,250 | \$22.68 |
| 3330508TP-D6D | 300 | \$146 | \$501 | \$3,497 | \$38 | \$4,182 | \$4,182 | \$0.00 |
| 405386TP-576 | 150 | \$749 | \$4,185 | \$2,329 | \$38 | \$7,301 | \$3,650 | \$113.18 |
| 389997TP-83A | 200 | \$1,385 | \$5,370 | \$2,527 | \$38 | \$9,320 | \$323 | \$58.66 |
| 389990TP-5F0 | 150 | \$1,268 | \$5,351 | \$2,266 | \$38 | \$8,923 | (\$228) | \$58.66 |
| 389999TP-BA1 | 300 | \$546 | \$3,128 | \$3,350 | \$38 | \$7,061 | \$3,531 | \$51.16 |
| 800167TP-C60 | 150 | \$3,374 | \$12,701 | \$2,276 | \$38 | \$18,390 | (\$4,154) | \$58.66 |
| 800161TP-DEF | 500 | \$8,232 | \$20,605 | \$4,527 | \$38 | \$33,401 | \$16,701 | \$35.13 |
| 8001611TP-8B7 | 30 | \$1,263 | \$1,741 | \$382 | \$38 | \$3,424 | (\$3,279) | \$58.66 |
| 143131TP-38F | 30 | \$654 | \$112 | \$419 | \$38 | \$1,222 | \$611 | \$305.42 |
| 181911TP-927 | 75 | \$4,136 | \$4,885 | \$1,142 | \$38 | \$10,200 | \$5,100 | \$21.72 |
| 235545TP-814 | 200 | \$8,693 | \$2,708 | \$3,095 | \$38 | \$14,534 | \$7,267 | \$19.98 |
| 6375055TP-7DC | 500 | \$1,951 | \$5,300 | \$4,355 | \$38 | \$11,644 | \$5,822 | \$15.50 |
| 150910TP-893 | 500 | \$11,385 | \$12,231 | \$4,123 | \$38 | \$27,777 | \$13,888 | \$35.26 |
| 150912TP-816 | 750 | \$3,145 | \$6,567 | \$5,214 | \$38 | \$14,963 | \$7,482 | \$29.19 |
| 624649TP-8F7 | 500 | \$1,458 | \$2,174 | \$3,912 | \$38 | \$7,581 | \$3,791 | \$15.85 |
| 319705TP-697 | 150 | \$70 | \$740 | \$2,751 | \$38 | \$3,599 | \$3,599 | \$0.00 |
| 141990TP-498 | 150 | \$2,431 | \$5,747 | \$3,304 | \$38 | \$11,520 | \$11,520 | \$0.00 |
| 800166TP-025 | 200 | \$3,176 | \$12,690 | \$2,587 | \$38 | \$18,490 | \$9,245 | \$34.58 |
| 416731TP-C0E | 150 | \$2,019 | \$8,179 | \$2,603 | \$38 | \$12,839 | \$6,400 | \$58.66 |
| 624606TP-58C | 150 | \$2,777 | \$1,612 | \$2,196 | \$38 | \$6,623 | (\$2,384) | \$58.66 |

| 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 |
|-------------------|------------------------------|---------------------------|-------------------------------|----------------------------|------------------------|--------------------------|-------------------------------|------------------------------------|
| 373002TP-847 | 200 | \$1,791 | \$7,629 | \$2,382 | \$38 | \$11,840 | \$5,679 | \$58.66 |
| 315340TP-EFC | 500 | \$2,870 | \$1,068,146 | \$0 | \$38 | \$1,071,054 | \$0 | \$0.00 |
| 1164012TP-00A | 300 | \$5,835 | \$4,077 | \$2,482 | \$38 | \$12,432 | \$6,216 | \$27.28 |
| 424510TP-575 | 500 | \$5,801 | \$6,973 | \$4,842 | \$38 | \$17,654 | \$8,827 | \$18.51 |
| 4245295TP-206 | 150 | \$2,099 | \$1,106 | \$2,423 | \$38 | \$5,665 | \$2,833 | \$41.36 |
| 800149TP-2AE | 300 | \$18,423 | \$7,264 | \$3,978 | \$38 | \$29,702 | \$14,851 | \$13.56 |
| 8001015TP-FBB | 300 | \$12,276 | \$4,826 | \$2,656 | \$38 | \$19,795 | \$9,898 | \$11.09 |

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 | 66 | \$4,236 | \$5,959 | \$15,536 | \$2,487 | \$0.6420 | \$58.66 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | UD08Q | 336 | \$17,980 | \$25,753 | \$56,310 | \$12,664 | \$0.4201 | \$58.66 |
| Standard Domestic (20kVA 1 Phase) - All Peak | UD20P | 1095 | \$175,696 | \$247,159 | \$526,568 | \$41,270 | \$1.1553 | \$58.66 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | UD20Q | 11480 | \$1,535,772 | \$2,199,740 | \$4,432,817 | \$432,671 | \$0.8054 | \$58.66 |
| 10% Fixed Charge Option - All Peak | UDL20P | 318 | \$41,654 | \$60,737 | \$50,438 | \$11,985 | \$0.1500 | \$80.91 |
| 10% Fixed Charge Option - With Off Peak | UDL20Q | 1688 | \$185,496 | \$273,812 | \$214,464 | \$63,619 | \$0.00 | \$80.91 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | UDL08P | 10 | \$577 | \$838 | \$1,124 | \$377 | \$0.1500 | \$101.32 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | UDL08Q | 34 | \$1,738 | \$2,506 | \$2,065 | \$1,281 | \$0.00 | \$101.32 |
| Non-Domestic Single Phase | | | | | | | | |
| Street Lights (1 Phase) | US001L | 3,143 | \$45,703 | \$67,469 | \$109,967 | \$2,369 | \$0.0933 | \$58.66 |
| 1 kVA 1 Phase - All Peak | US001P | 4 | \$390 | \$549 | \$1,348 | \$151 | \$0.4551 | \$58.66 |
| 8 kVA 1 Phase - All Peak | US008P | 158 | \$10,141 | \$14,265 | \$37,193 | \$5,955 | \$0.6420 | \$58.66 |
| 8 kVA 1 Phase - With Off Peak | US008Q | 18 | \$963 | \$1,380 | \$3,017 | \$678 | \$0.4201 | \$58.66 |
| 20 kVA 1 Phase - All Peak | US020P | 377 | \$60,491 | \$85,095 | \$181,293 | \$14,209 | \$1.1553 | \$58.66 |
| 20 kVA 1 Phase - With Off Peak | US020Q | 127 | \$16,990 | \$24,335 | \$49,039 | \$4,787 | \$0.8054 | \$58.66 |
| Non-Domestic Three Phase | | | | | | | | |
| 15 kVA 3 Phase - All Peak | UT015P | 59 | \$7,100 | \$10,377 | \$22,284 | \$2,224 | \$0.9570 | \$58.66 |
| 15 kVA 3 Phase - With Off Peak | UT015Q | 17 | \$1,706 | \$2,555 | \$4,813 | \$641 | \$0.6302 | \$58.66 |
| 30 kVA 3 Phase - All Peak | UT030P | 569 | \$145,093 | \$215,017 | \$308,059 | \$21,445 | \$1.6221 | \$58.66 |
| 30 kVA 3 Phase - With Off Peak | UT030Q | 110 | \$23,474 | \$35,484 | \$44,739 | \$4,146 | \$1.0854 | \$58.66 |
| 50 kVA 3 Phase - All Peak | UT050P | 285 | \$175,531 | \$257,813 | \$390,600 | \$10,741 | \$3.2910 | \$58.66 |
| 50 kVA 3 Phase - With Off Peak | UT050Q | 86 | \$44,220 | \$66,457 | \$96,428 | \$3,241 | \$2.2407 | \$58.66 |
| 75 kVA 3 Phase - All Peak | UT075P | 95 | \$106,567 | \$157,925 | \$267,787 | \$3,580 | \$7.9824 | \$58.66 |
| 75 kVA 3 Phase - With Off Peak | UT075Q | 22 | \$20,653 | \$31,220 | \$47,040 | \$829 | \$5.3800 | \$58.66 |
| 100 kVA 3 Phase - All Peak | UT100P | 9 | \$16,690 | \$24,733 | \$47,384 | \$339 | \$14.7861 | \$58.66 |
| 100 kVA 3 Phase - With Off Peak | UT100Q | 2 | \$3,104 | \$4,692 | \$8,123 | \$75 | \$10.2698 | \$58.66 |
| TPC Rural | | | | | | | | |
| Domestic | | | | | | | | |
| Small Domestic (8kVA 1 Phase) - All Peak | RD08P | 114 | \$7,317 | \$10,293 | \$30,231 | \$4,297 | \$0.7236 | \$58.66 |
| Small Domestic (8kVA 1 Phase) - With Off Peak | RD08Q | 157 | \$8,401 | \$12,033 | \$30,328 | \$5,917 | \$0.4902 | \$58.66 |
| Standard Domestic (20kVA 1 Phase) - All Peak | RD20P | 1,028 | \$164,945 | \$232,036 | \$560,050 | \$38,744 | \$1.3304 | \$58.66 |
| Standard Domestic (20kVA 1 Phase) - With Off Peak | RD20Q | 6,568 | \$878,654 | \$1,258,527 | \$2,787,606 | \$247,542 | \$0.9103 | \$58.66 |
| 10% Fixed Charge Option - All Peak | RDL20P | 163 | \$21,351 | \$31,132 | \$25,853 | \$6,143 | \$0.1500 | \$80.91 |
| 10% Fixed Charge Option - With Off Peak | RDL20Q | 455 | \$50,000 | \$73,806 | \$66,113 | \$17,149 | \$0.0500 | \$80.91 |
| 10% Fixed Charge Option (8kVA 1 Phase) - All Peak | RDL08P | 6 | \$346 | \$503 | \$674 | \$226 | \$0.1500 | \$101.32 |
| 10% Fixed Charge Option (8kVA 1 Phase) - With Off Peak | RDL08Q | 3 | \$153 | \$221 | \$182 | \$113 | \$0.0500 | \$101.32 |
| Non-Domestic Single Phase & Holiday Homes | | | | | | | | |
| Street Lights (1 Phase) | RS001L | 517 | \$7,518 | \$11,098 | \$20,297 | \$390 | \$0.1050 | \$58.66 |
| 1 kVA 1 Phase - All Peak | RS001P | 62 | \$6,051 | \$8,517 | \$20,889 | \$2,337 | \$0.4551 | \$58.66 |

| Consumer Capacity | Code | Number of Connections | TransPower Charge | Sub transmission Charge | Distribution Charge | PowerNet Overheads | Fixed Charge per Day | Variable Charge per Day MWh |
|---------------------------------|-------------|------------------------------|--------------------------|--------------------------------|----------------------------|---------------------------|-----------------------------|------------------------------------|
| 8 kVA 1 Phase - All Peak | RS008P | 783 | \$50,254 | \$70,694 | \$207,636 | \$29,511 | \$0.7236 | \$58.66 |
| 8 kVA 1 Phase - With Off Peak | RS008Q | 26 | \$1,391 | \$1,993 | \$5,023 | \$980 | \$0.4902 | \$58.66 |
| 20 kVA 1 Phase - All Peak | RS020P | 2,052 | \$329,249 | \$463,169 | \$1,117,921 | \$77,338 | \$1.3304 | \$58.66 |
| 20 kVA 1 Phase - With Off Peak | RS020Q | 206 | \$27,558 | \$39,473 | \$87,431 | \$7,764 | \$0.9103 | \$58.66 |
| Non-Domestic Three Phase | | | | | | | | |
| 15 kVA 3 Phase - All Peak | RT015P | 197 | \$23,707 | \$34,648 | \$83,638 | \$7,425 | \$1.0854 | \$58.66 |
| 15 kVA 3 Phase - With Off Peak | RT015Q | 15 | \$1,505 | \$2,255 | \$4,822 | \$565 | \$0.7353 | \$58.66 |
| 30 kVA 3 Phase - All Peak | RT030P | 2,258 | \$575,782 | \$853,266 | \$1,414,850 | \$85,102 | \$1.8555 | \$58.66 |
| 30 kVA 3 Phase - With Off Peak | RT030Q | 303 | \$64,661 | \$97,742 | \$142,589 | \$11,420 | \$1.2604 | \$58.66 |
| 50 kVA 3 Phase - All Peak | RT050P | 366 | \$225,419 | \$331,086 | \$565,535 | \$13,794 | \$3.7695 | \$58.66 |
| 50 kVA 3 Phase - With Off Peak | RT050Q | 468 | \$240,642 | \$361,651 | \$582,554 | \$17,639 | \$2.5791 | \$58.66 |
| 75 kVA 3 Phase - All Peak | RT075P | 52 | \$58,331 | \$86,443 | \$176,924 | \$1,960 | \$9.5812 | \$58.66 |
| 75 kVA 3 Phase - With Off Peak | RT075Q | 16 | \$15,020 | \$22,705 | \$40,481 | \$603 | \$6.4536 | \$58.66 |
| 100 kVA 3 Phase - All Peak | RT100P | 22 | \$40,797 | \$60,458 | \$139,724 | \$829 | \$17.7620 | \$58.66 |
| 100 kVA 3 Phase - With Off Peak | RT100Q | 5 | \$7,760 | \$11,729 | \$24,056 | \$188 | \$12.3237 | \$58.66 |