Powerco Electricity Distribution Customised Price-Quality Path

Annual Price-Setting Compliance Statement

2019 Assessment Period (1/4/2018 – 31/3/2019)

Powerco Limited

15 March 2018

Director's Certificate

I, John Loughlin, being a director of Powerco Limited certify that, having made all reasonable enquiry, to the best of my knowledge and belief, the attached annual price-setting compliance statement of Powerco, and related information, prepared for the purposes of the Powerco Limited Electricity Distribution Customised Price-Quality Path Determination 2018 has been prepared in accordance with all the relevant requirements, and all forecasts used in the calculations for forecast revenue from prices and forecast allowable revenue are reasonable.

Director

15/03/18

Date

Contents

1. Introduction

Powerco Limited's electricity distribution business (Powerco) is subject to regulation under the Commerce Act 1986. Pursuant to the requirements of this Act, the Commerce Commission (Commission) has set a customised price-quality path (CPP) which applies to Powerco from 1 April 2018 to 31 March 2023.

The customised price-quality path requirements used for this year's statement are set out in the Powerco Limited Electricity Distribution Customised Price-Quality Path Determination 2018 (Draft Determination[1]). Before each 12 month assessment period, Powerco must demonstrate compliance with the price path specified in clause 8 of the Determination.

The Determination requires Powerco to provide an annual price-setting compliance statement (Statement) to the Commission. This Statement must include Powerco's forecasts of:

- forecast revenue from prices; and
- forecast allowable revenue

The Statement must also include supporting information for all components of these calculations. This information is discussed in Section 2.

Powerco's prices for the period 1 April 2018 – 31 March 2019 are based on the figures in the Draft Determination issued on 16 November 2017[2]. The final determination on Powerco's CPP is expected in late March. The process of finalising prices and notifying retailers/stakeholders took place in February. Values from the Draft Determination were used in the calculation of these prices. Powerco sought written confirmation from the Commission that the use of the Draft Determination would be compliant. The written response from the Commission is included in Attachment A.

As required by clause 11.2(a) of the Draft Determination, this Statement confirms that Powerco has complied with the price path in clause 8 of the Draft Determination for the 12 month assessment period ending 31 March 2019. A full list of compliance requirements and references in this document is contained in Attachment B.

Powerco completed this Statement on 15 March 2018. A copy is available at Powerco's principal office (Powerco, Level 2, 84 Liardet Street, New Plymouth). The Statement is published on Powerco's website (www.Powerco.co.nz) and additional copies can be provided on request.

[1] http://www.comcom.govt.nz/dmsdocument/15880

[2] http://www.comcom.govt.nz/regulated-industries/electricity/cpp/cpp-proposals-and-decisions/powercocpp/powerco-customised-price-quality-path-draft-decision/

2. Compliance Assessment

2.1. Summary

The price-path compliance requirement in clause 8.4 of the Draft Determination provides that:

> ***Forecast revenue from prices*** *for each* ***assessment period*** *must not exceed the* ***forecast allowable revenue*** *for the* ***assessment period***

Powerco has complied with the price path for the Assessment Period 1 April 2018 to 31 March 2019 as demonstrated in Table 1.[3]

Table 1: Demonstrating compliance with the price path

Forecast allowable revenue ($000)	Forecast revenue from prices ($000)	Compliance test result: Complies
399,210	398,928	Complies because forecast revenue from prices ≤ forecast allowable revenue

The remainder of this document contains more detail about the costs and assumptions that underpin these forecasts. Section 2.2 summarises the components of "forecast allowable revenue". Section 2.3 and Attachment D provide information about forecast revenue from prices. Section 2.4 contains a more detailed breakdown of forecast allowable revenue.

2.2. Calculating forecast allowable revenue

The 2019 Assessment Period is the first annual assessment period under the CPP. Powerco's 'forecast allowable revenue' for each annual assessment period is determined in accordance with the following formula[4]:

Forecast allowable revenue = *Forecast net allowable revenue*

+ *Forecast pass-through and recoverable costs*

+ *Opening wash-up account balance*

The calculation of Powerco's forecast allowable revenue for the 2019 Assessment period is provided in Table 2.

[3] The figures in the pricing tables are in thousands of dollars. The underlying calculations show cost in $k terms. This may cause apparent rounding inconsistencies in this document. These inconsistencies do not affect the overall compliance calculations which are based on the more accurate figures.

[4] Draft Powerco Limited Electricity Distribution Customised Price-Quality Path Determination 2018, Schedule 1.4(5).

Table 2: Calculating Powerco's forecast allowable revenue

Powerco's forecast allowable revenue $_{2019}$ = Forecast net allowable revenue + Forecast pass-through and recoverable costs + Opening wash-up account balance	
Calculation Components	**Amount ($000)**
Forecast net allowable revenue $_{2019}$	278,559
Forecast pass-through and recoverable costs	120,387
Opening wash-up account balance $_{2019}$	264
Forecast allowable revenue $_{2019}$	**399,210**

The three components of forecast allowable revenue for the 2019 Assessment period are described in more detail below.

Forecast net allowable revenue

Forecast net allowable revenue for the first assessment period is the actual net allowable revenue, as specified in Schedule 1.1 of the Draft Determination. This amount is $278,559,000.

Forecast pass-through and recoverable costs

This is Powerco's forecast of pass-through costs and forecast of recoverable costs for the year. These costs must be demonstrably reasonable. For the 2019 assessment period, the forecast amount is $120,387,112. Section 2.4 provides more detail about how these forecast values were determined.

Opening wash-up account balance

The 'opening wash-up account balance' for the first assessment period of the CPP regulatory period, is the forecast pass-through balance of $263,596 ($264k).

The forecast pass-through balance represents the unrecovered balance of the difference between forecast and actual pass-through costs and recoverable costs for prior years. This balance is adjusted for the cost of debt specified by the Commission. The pass-through balance may be positive or negative. Section 2.4.1 explains how this value was calculated.

2.3. Calculating forecast revenue from prices

Powerco's forecast revenue from prices is equal to the total of each of its prices multiplied by the forecast quantities they will apply to. The Draft Determination requires that these forecasts are demonstrably reasonable.

Prices have fixed and volume components, so revenue forecasts require forecasts of the number of connections as well as volume. Forecasts are required for the next pricing year only, and therefore rely on the levels and trends of recent actual data[5]. The quantity forecasts are developed using a "bottom-up" approach at the tariff class level:

Table 3 summarises how quantity forecasts align with historic growth data at a regional level and indicates that the bottom-up forecasts align with the range of historic growth rates. More detail about the methodology and the outputs is included in Attachment C.

Table 3: Summary of 2019 regional forecasts

	Forecast connections		Forecast volume (GWh)	
Region	2019 forecast (% change from 2018)	% growth range (2016-2018)	2019 forecast (% change from 2018)	% growth range (2016-2018)
Eastern	1.2%	1.0% – 1.9%	1.8%	1.1% - 1.9%
Western	0.6%	0.5% – 0.7%	(0.5%)	(1.6%) - 1.8%

A summary of Powerco's forecast revenue from prices is included in Table 4. Attachment D contains the full table of prices and forecast quantities for the 2019 pricing year.

Table 4: Summary of Powerco's forecast revenue from prices ($000)

Region	$\sum(P_{2019} \times Q_{\text{forecast 2019}})$
Eastern	192,219
Western	206,709
Total	**398,928**

2.4. Analysis of the components and calculation of forecast allowable revenue

This section provides a breakdown of the components of forecast allowable revenue, In particular:

- forecast pass-through and recoverable costs, and
- the opening wash-up account balance.

In the first assessment period 'forecast net allowable revenue' is equal to the 'actual net allowable revenue' specified in schedule 1.1 of the Draft Determination so no calculation is necessary for this component of forecast allowable revenue.

2.4.1. Opening wash-up account balance/ the Forecast Pass-Through Balance

The 'opening wash-up account balance' for the first assessment period is the forecast pass-through balance (PTB). The PTB amount of $234k differs from the closing PTB published in Powerco's 2017 DPP compliance statement, with Table 5 reconciling the differences.

[5] If the forecasts had a longer timeframe, such as 10+ years, then a forecasting methodology might also rely on the systemic factors that affect demand, such as population growth and GDP.

Table 5: Calculation of the forecast Pass-Through Balance (PTB)

Calculation Components	Description	Result ($000)
A	PTB_{2016} Pass through balance as per DPP Compliance Statement 2017 (PTB_{2016}*(1+r))	$2,229
B	Pass through balance incorporated into 2017/18 Prices (adjusted by cost of debt)	$2,365
C	PTB_{2017} (as per DPP Compliance Statement 2017)	$1,995
D	Adjusted PTB_{2017} to reflect pass through balance incorporated into 2017/18 Prices	$2,130
B - D	**Remaining pass through balance**	**$234**
	Cost of Debt - r	6.09%
	Total Prior Period Adjustments	**$264**

The amount used differs from the Draft Determination, which defined the forecast balance as 1.995m in Schedule 1.6(2). A letter from the Commission (Attachment A) notes that they intend to specify -$234k as the pass through cost in the Final Determination (the negative sign indicating that it is a cost).

2.4.2. Forecast pass-through and recoverable costs

The Draft Determination requires forecasts of pass-through and recoverable costs totalling $120,387.

Tables 6 and 7 provide a breakdown of Powerco's forecast pass-though and recoverable cost forecasts for the year ending 31 March 2019.

Table 6: Forecast pass-through costs

Component	($000)
EA Levies	$1,028
Commerce Commission Levies	$657
EGCC Levies	$189
Council Rates	$2,036
Total forecast pass-through cost	**$3,911**

Table 7: Forecast recoverable costs

Component	($000)
IRIS incentive adjustment	($195)
Transpower Connection Charges	$18,134
Transpower Interconnection Charges	$81,619
Transpower New Investment Charges	$6,556
Distributed generation allowance (ACOT)	$10,605
Standard application fee for a CPP proposal	$20
Forecast of the fee payable to the Commission for assessing our CPP proposal.	$1,300
A fee payable to a verifier subject to the requirement specified in a CPP determination.	$369
Any auditor's costs incurred as a result of a CPP proposal.	$375
A quality incentive adjustment	($2,094)
A "Capex wash-up" adjustment	($212)
Total forecast recoverable costs	**$116,477**

2.4.3. Demonstrating the forecasts of pass-through costs and recoverable costs are reasonable

Schedule 1.4 (3) of the Draft Determination requires that all forecasts of pass-through costs and recoverable costs used to calculate 'forecast allowable revenue' must be "demonstrably reasonable".

Tables 8 and 9 summarise the methodology Powerco has applied to determine its forecasts of pass-through and recoverable costs. In Powerco's opinion all of these methods deliver acceptable forecasts in the context they are used.

Table 8: Method of forecasting pass-through costs

Pass-through Cost component	Forecasting Methodology
EA Levies	Forecast is a combination of current and proposed levy rates
Commerce Commission Levies	Forecast is a combination of current and projected levy amounts
EGCC Levies	Forecast is based on historical costs
Council Rates	Forecast is based on historic costs plus CPI adjustment of 3%

Table 9: Method of forecasting recoverable costs

Recoverable cost component	Forecasting Methodology
IRIS incentive adjustment	Forecast based on CPP BBM model
Transpower Connection Charges	As notified by Transpower
Transpower Interconnection Charges	As notified by Transpower
Transpower New Investment Charges	As notified by Transpower
Distributed generation allowance (ACOT)	Based on demand levels and Transpower's interconnection charge for 2018/19 pricing year
Standard application fee for a CPP proposal	CPP draft determination schedule 2.1 (4)
A fee notified by the Commission as payable by the EDB in assessing a CPP proposal.	As per notification by Commerce Commission
A fee payable to a verifier subject to the requirement specified in a CPP determination.	CPP draft determination schedule 2.1 (6)
Any auditor's costs incurred as a result of a CPP proposal.	CPP draft determination schedule 2.1 (7)
A quality incentive adjustment	Determined for 2016/17 regulatory year (adjusted for time value of money)
A "Capex wash-up" adjustment	Forecast based on CPP BBM model

Attachment A: Letters from Commerce Commission concerning price-setting issues

Powerco sought written confirmation from the Commerce Commission that prices based on the Draft Determination would be compliant. Clarification was also sought regarding compliance around forecasting the CPP assessment fee (not included in the Draft Determination) and the forecast pass-through balance (updated after the draft Determination was published).

The written responses from the Commission are included in this attachment.

COMMERCE COMMISSION NEW ZEALAND
Te Komihana Tauhokohoko

WELLINGTON
Level 6, 44 The Terrace
PO Box 2351, Wellington 6140
New Zealand
Tel: +64 4 924 3600

AUCKLAND
Level 13, 55 Shortland Street
PO Box 105-222, Auckland 1143
New Zealand
Tel: +64 4 924 3600

www.comcom.govt.nz

19 February 2018

Oliver Vincent
Regulatory Policy Manager
Powerco Limited
1 Grey Street
PO Box 62
Wellington

By email

Dear Oli

CPP PRICE PATH COMPLIANCE FOR 2018/2019 ASSESSMENT PERIOD

In your submission on our draft Powerco CPP determination you identified a difficulty you may have with clause 8.4 of our draft CPP determination regarding compliance with the CPP price path in the first assessment period.

In this letter we confirm, as outlined to you in our email of 1 December 2017, that we will resolve that difficulty in our final CPP determination such that Powerco will not be in breach of clause 8.4 of the final CPP determination if it sets its prices for the 2018/2019 assessment period based on the forecast net allowable revenue in Schedule 1.3 of our draft Powerco CPP determination.

Powerco may have difficulty complying with our draft determination

Clause 8.4 of the draft CPP determination requires that:

> **Forecast revenue from prices** for each **assessment period** must not exceed the **forecast allowable revenue** for the **assessment period**

In your submission of 15 December 2017 on our draft Powerco CPP determination, you outlined that Powerco may not comply with this draft clause if Powerco sets its prices for 2018/19 (ie, the first assessment period) based on the initial maximum allowable revenue (**MAR**) specified in the draft CPP determination and if the initial MAR we set in the final CPP determination is ultimately below the draft initial MAR.

This is a possibility, given that Powerco will be setting its forecast revenue from prices before we make our final CPP determination.

We will resolve this difficulty in the final CPP determination

We agree this is a difficulty for you and we understand that you are seeking clarification ahead of the release of our final CPP determination in March so you can obtain auditor sign-off and director certification with regards to the annual price setting compliance statement in Schedule 6 of the CPP determination.

3147062.1

We acknowledge the feasibility of your proposed solution in your submission (ie, to assess compliance either against forecast allowable revenue using the final or draft initial MAR, whichever is greater). As you are aware, we are currently in the process of drafting the final CPP determination and have not committed to what the final solution for this potential issue will be. However, we can confirm that the final CPP determination will be drafted in a way that Powerco will not be in breach of clause 8.4 if it sets its prices for 2018/2019, as you outlined in your submission on our draft decision, based on the initial MAR determined in the draft CPP determination.

Yours sincerely

PP Matthew Lewer
Manager, Price-Quality Regulation Team

3147062.1

COMMERCE COMMISSION NEW ZEALAND
Te Komihana Tauhokohoko

WELLINGTON
Level 6, 44 The Terrace
PO Box 2351, Wellington 6140
New Zealand
Tel: +64 4 924 3600

AUCKLAND
Level 13, 55 Shortland Street
PO Box 105-222, Auckland 1143
New Zealand
Tel: +64 4 924 3600

www.comcom.govt.nz

27 February 2018

Andrew Kerr
Regulatory Policy Manager
Powerco Limited
1 Grey Street
PO Box 62
Wellington

By email

Dear Andrew

CPP PRICE PATH COMPLIANCE

You have notified us about an inconsistency in your price setting for 2018/2019 with the draft Powerco CPP determination. This letter aims to provide clarity about how we intend to respond to this matter in the final Powerco CPP determination.

Powerco's price setting for 2018/2019 is inconsistent with the draft Powerco CPP decision

You have set prices for 2018/2019 on the basis of pass-through cost and recoverable cost that are different from those we specified in the draft Powerco CPP determination. In particular, in setting prices, you used:

- pass-through cost of -$234k, which is different from the $1,995k we specified in Schedule 1.6 in the draft Powerco CPP determination; and
- recoverable cost covering our CPP assessment fee of $1,300k, which is different from Schedule 2.1 in the draft Powerco CPP determination, where we did not specify an amount. We are aware the $1,300k Powerco used when setting prices are based on an indicative number we provided last year.

Powerco may be non-compliant as a result of this inconsistency

Clause 8.4 of the draft CPP determination requires that:

> **Forecast revenue from prices** for each **assessment period** must not exceed the **forecast allowable revenue** for the **assessment period**

We understand that you are concerned that Powerco may not comply with this draft clause if the pass-through cost and the recoverable cost we set in the final CPP determination are different from those you used when setting prices. We accept this is a possibility.

3147062.1

We intend to resolve this matter in the final CPP decision

We agree this is a difficulty for you and we understand that you are seeking clarification ahead of the release of our final Powerco CPP determination in March — so you can obtain auditor signoff and director certification with regards to the annual price setting compliance statement in Schedule 6 of the CPP determination.

In order to provide clarification, we confirm that we intend to specify -$234k as pass-through cost in the final Powerco CPP determination as opposed to $1,995k you had provided to us last year.

As you are aware, we are still in the process of assessing your proposal and cannot give you a final CPP assessment fee at this stage. However, we accept you had to make your own forecast when setting prices for 2018/2019 as the draft Powerco CPP determination did not specify an amount. We consider that using the indicative amount we gave you earlier (ie, $1,300k) was reasonable.

We therefore confirm our intention to draft the final Powerco CPP determination in a way that Powerco would be compliant if it sets prices on the basis of a reasonable CPP assessment fee forecast.

We note that any over or under-recoveries resulting from prices being set on the basis of a CPP assessment fee that is different from the one we will specify in the final Powerco CPP decision will be washed-up in the remainder of the CPP period.

Yours sincerely

Matthew Lewer
Manager, Price-Quality Regulation Team

3147062.1

Attachment B: Compliance References

The following tables describe the Determination requirements and the section of this Statement that addresses them.

Table B.1: Price Path Summary

Determination clause	Requirement	Section of this document
8.4	The forecast revenue from prices for each assessment period must not exceed the forecast allowable revenue for the assessment period	2.1

Table B.2: Annual price-setting compliance statement

Determination clause	Requirement	Section of this document
An annual price-setting compliance statement must be provided to the Commission consisting of:		
11.2 (a)	A statement indicating whether or not Powerco has complied with the price path in clause 8 for the assessment period	1
11.2 (b)	The date on which the Statement was prepared	Cover
11.2 (c)	A certificate in the form set out in Schedule 6, signed by at least one director of Powerco	Page 3
11.3 (a)	Powerco's calculation of its forecast revenue from prices together with supporting information for all components of the calculation	2.3, Attachments A, C and D
11.3 (b)	Powerco's calculation of its forecast allowable revenue together with supporting information for all components of the calculation	2.2, 2.4 and Attachment A
11.3 (c)	Any reasons for non-compliance with the price path	N/A
11.3 (d)	Actions taken to mitigate any non-compliance and to prevent similar non-compliance in future assessment periods	N/A

Attachment C: Quantity forecasting

Calculating forecast revenue from prices requires Powerco to prepare a forecast of quantities for the year ahead that are used for pricing.

Prices have fixed and volume components, so revenue forecasts require forecasts of the number of connections as well as volumes (kW and kWh). Forecasts are required for the next pricing year only, and therefore rely on the levels and trends of recent actual data.

Powerco forecasts connections and quantities using a bottom up approach by tariff group.

- Forecasts of regional connections are determined using current connections and applying an estimated growth rate for the region using the average growth rates over the previous three years as a guide.
- Volume and demand forecasts are calculated by determining the average volume (demand) per connection for each and every price category (and tariff code) over the previous five years and multiplying it by the relevant connection forecast.
- In situations where we determine that the average volume over the previous five years is not appropriate to use as a forecast (such as in the case of closed price categories or "one-off" events), Powerco uses the average volumes from the immediately preceding 12 months to generate the forecast.

Tables C.1 to C.8 below demonstrate that our connection and volume forecasts are consistent with actual historical growth rates.

Table C.9 outlines our forecasting methodology in instances where the average volume over the previous five years is not appropriate to use as a forecast.

Table C.1: Connection Growth – Eastern Region

Customer Group	Actual Growth			Forecast Growth	Forecast ICPs	Comment
	2015/16	2016/17	2017/18	2018/19	2018/19	
Small	0.9%	1.9%	1.1%	1.3%	154,838	Consistent with historical growth
Medium	3.1%	3.6%	3.6%	3.4%	1,212	Consistent with historical growth
Large	4.0%	0.9%	1.6%	2.2%	344	Based on known connections
Overall	**1.0%**	**1.9%**	**1.1%**	**1.2%**	**156,394**	

Table C.2: Connection Growth – Western Region

Customer Group	Actual Growth			Forecast Growth	Forecast ICPs	Comment
	2015/16	2016/17	2017/18	2018/19	2018/19	
Small	0.5%	0.7%	0.7%	0.6%	171,657	Consistent with historical growth
Medium	-2.6%	-1.8%	0.0%	-1.5%	217	Consistent with historical growth
Large	1.5%	0.0%	0.0%	0.5%	264	Based on known connections
Overall	**0.5%**	**0.7%**	**0.7%**	**0.6%**	**172,138**	

Table C.3: Average Volumes (kWh) per connection – Eastern Region

Customer Group	Actual					Forecast	Forecast Growth	Comment
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2018/19	
Small	7,787	7,820	7,864	7,726	7,733	7,707	-0.3%	Declining average consumption due to customer behavioural changes
Medium	147,108	143,011	138,270	136,901	134,730	134,093	-0.5%	Drivers of declining average consumption unknown
Large	3,053,939	3,047,937	2,897,966	2,919,942	2,915,163	2,972,182	2.0%	Forecast does not impact revenue (fixed charges only)
Overall	**15,148**	**15,259**	**15,275**	**15,157**	**15,146**	**15,212**	**0.4%**	

Table C.4: Total Volume (GWh) – Eastern Region

Customer Group	Actual					Forecast	Forecast Growth	Comment
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2018/19	
Small	1,115	1,133	1,157	1,158	1,182	1,193	1.0%	Higher connection growth offsets declining average consumption
Medium	128	138	149	153	156	163	3.9%	Higher connection growth offsets declining average consumption
Large	944	960	963	983	999	1,023	2.4%	Strong average volume and connection growth
Overall	**2,187**	**2,231**	**2,268**	**2,294**	**2,337**	**2,379**	**1.8%**	

Table C.5: Average Volumes (kWh) per connection – Western Region

Customer Group	Actual					Forecast	Forecast Growth	Comment
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2018/19	
Small	9,218	9,246	9,349	9,066	9,221	9,195	-0.3%	Declining average consumption due to customer behavioural changes
Medium	431,139	419,653	430,754	426,914	433,781	433,646	0.0%	Drivers of declining average consumption unknown
Large	2,440,291	2,458,020	2,437,557	2,444,258	2,406,984	2,375,349	-1.3%	Forecast does not impact revenue (fixed charges only)
Overall	**13,473**	**13,622**	**13,758**	**13,463**	**13,525**	**13,356**	**-1.2%**	

Table C.6: Total Volume (GWh) – Western Region

Customer Group	Actual					Forecast	Forecast Growth	Comment
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2018/19	
Small	1,528	1,542	1,572	1,533	1,572	1,578	0.4%	Higher connection growth offsets declining average consumption
Medium	97	96	97	95	95	94	-0.9%	Connection growth lower than declining average consumption
Large	615	641	651	655	645	626	-2.9%	Connection growth lower than declining average consumption
Overall	**2,240**	**2,279**	**2,320**	**2,283**	**2,312**	**2,299**	**-0.5%**	

Table C.7: Average Chargeable Demands* (kW) per connection – Western Region

Customer Group	Actual					Forecast	Forecast Growth	Comment
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2018/19	
Small	23.1	22.3	23.0	21.7	22.2	22.5	1.4%	Average demands trending upwards
Medium	1,755	1,736	1,748	75,011	75,097	73,729	-1.8%	Forecast based on known demands (historical demands used for charges)
Large	7,144	6,974	6,514	275,012	269,151	256,492	-4.7%	Forecast based on known demands (historical demands used for charges)

Table C.8: Total Chargeable Demand* (GW) – Western Region

Customer Group	Actual					Forecast	Forecast Growth	Comment
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2018/19	
Small	3,831	3,715	3,875	3,668	3,780	3,860	2.1%	Strong connection and average demand growth
Medium	394	396	395	16,665	16,453	16,019	-2.6%	Connection growth lower than declining average demands
Large	1,800	1,818	1,739	73,703	72,133	67,639	-6.2%	Connection growth lower than declining average demands

* The figures in Tables C.7 and C.8 are the sum of the relevant chargeable demands used for pricing – they are not peak demand values or forecasts. The tables have a step change in the kW/GW values for the medium and large customers. This is because the pricing methodology for those customers changed in 2016, moving from maximum monthly demands (12 values) to maximum daily demands (365 values). The values in the tables reflect the demand we use for revenue calculations, and have a step change as a result for the medium and large customer groups.

Table C.9: Forecast exceptions

Region	Customer Group	Price Category	Charge Type	Forecast methodology / comment
Western	Large	E300	Variable Charge	2018/19 estimate of consumption used the prior year figures due to volatility of data.
Western	Large	E300	Power Factor Charge	New charge as of 1/4/2017 used prior year's figures only.
Western	Large	SPECIAL	Variable Charge	2018/19 estimate of consumption used the prior year figures due to volatility of data.
Eastern	Small	T01	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data (average volume figures are very high in 2013/2014).
Eastern	Small	T05	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T05	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T05	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T05	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T05	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T05	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T06	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T06	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T06	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T06	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T06	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	T06	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Medium	T22	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Medium	T22	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Medium	T22	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Medium	T41	Variable Charge	Used last year's figures due to change in seasonal definition from 1/4/2017.
Eastern	Medium	T41	Power Factor Charge	Used last year's figures due to change in seasonal definition from 1/4/2017.
Eastern	Large	T43	Variable Charge	Used last year's figures due to change in seasonal definition from 1/4/2017.
Eastern	Large	T43	Power Factor Charge	Used last year's figures due to change in seasonal definition from 1/4/2017.
Eastern	Large	T50	Power Factor Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Large	T60	Power Factor Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	V01	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	V05	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	V05	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Small	V06	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Medium	V24	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Medium	V24	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.

Region	Customer Group	Price Category	Charge Type	Forecast methodology / comment
Eastern	Medium	V28	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Medium	V28	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Medium	V28	Power Factor Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Large	V40	Power Factor Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Large	V60	Power Factor Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.
Eastern	Large	V601	Variable Charge	2018/19 estimate of consumption used the prior year figures due to inherent volatility of data.

Attachment D: Prices and forecast quantities for Pricing Year 2019

Western Network Distribution Prices

						Distribution Prices FY19 (Period 1 April 2018 to 31 March 2019)										
						Fixed								Individually Priced		
Western Network						Network Asset Charge						Demand Charge				
	Tariff Group	GXP Group	GXP			ICP $/Month	ICP cents/day	Installed Capacity $/kVA/Month	CT/VT Charge ($/day)	Day Rate c/kWh	Night Rate c/kWh	Dist-$/kW /Month	$/kVAr /Month	ABP ($/AMD)	Indirect Fixed ($/ICP)	Indirect Variable ($/OPD)
										CTUD	CTUN					
	Residential+Small Commercial															
E1CA	E1C	A	Brunswick	BRK	17		0.00			6.2300	1.2500	6.6700				
E1UCA	E1UC	A	Brunswick	BRK	18		15.00			6.2300	1.2500	6.6700				
E1CA	E1C	A	Bunnython	BPE	19		0.00			6.2300	1.2500	6.6700				
E1UCA	E1UC	A	Bunnython	BPE	20		15.00			6.2300	1.2500	6.6700				
E1CA	E1C	A	Carrington	CST	21		0.00			6.2300	1.2500	6.6700				
E1UCA	E1UC	A	Carrington	CST	22		15.00			6.2300	1.2500	6.6700				
E1CA	E1C	A	Huirangi	HUI	23		0.00			6.2300	1.2500	6.6700				
E1UCA	E1UC	A	Huirangi	HUI	24		15.00			6.2300	1.2500	6.6700				
E1CA	E1C	A	Linton	LTN	25		0.00			6.2300	1.2500	6.6700				
E1UCA	E1UC	A	Linton	LTN	26		15.00			6.2300	1.2500	6.6700				
E1CA	E1C	A	Moturoa / I	NPL	27		0.00			6.2300	1.2500	6.6700				
E1UCA	E1UC	A	Moturoa / I	NPL	28		15.00			6.2300	1.2500	6.6700				
E1CA	E1C	A	Stratford	SFD	29		0.00			6.2300	1.2500	6.6700				
E1UCA	E1UC	A	Stratford	SFD	30		15.00			6.2300	1.2500	6.6700				
E1CA	E1C	A	Wanganui	WGN	31		0.00			6.2300	1.2500	6.6700				
E1UCA	E1UC	A	Wanganui	WGN	32		15.00			6.2300	1.2500	6.6700				
E1CB	E1C	B	Greytown	GYT	34		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Greytown	GYT	35		15.00			8.4700	1.6800	9.5900				
E1CB	E1C	B	Hawera	HWA	36		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Hawera	HWA	37		15.00			8.4700	1.6800	9.5900				
E1CB	E1C	B	Mangamai	MGM	38		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Mangamai	MGM	39		15.00			8.4700	1.6800	9.5900				
E1CB	E1C	B	Marton	MTN	40		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Marton	MTN	41		15.00			8.4700	1.6800	9.5900				
E1CB	E1C	B	Masterton	MST	42		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Masterton	MST	43		15.00			8.4700	1.6800	9.5900				
E1CB	E1C	B	Mataroa	MTR	44		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Mataroa	MTR	45		15.00			8.4700	1.6800	9.5900				
E1CB	E1C	B	Ohakune	OKN	46		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Ohakune	OKN	47		15.00			8.4700	1.6800	9.5900				
E1CB	E1C	B	Opunake	OPK	48		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Opunake	OPK	49		15.00			8.4700	1.6800	9.5900				
E1CB	E1C	B	Waverley	WVY	50		0.00			8.4700	1.6800	9.5900				
E1UCB	E1UC	B	Waverley	WVY	51		15.00			8.4700	1.6800	9.5900				
Medium/La	*Medium/Large Commercial*															
E100A	E100	A	Carrington	CST	54	291.00			8.06			0.3371	3.00			
E100A	E100	A	Huirangi	HUI	55	291.00			8.06			0.3371	3.00			
E100A	E100	A	Moturoa / I	NPL	56	291.00			8.06			0.3371	3.00			
E100A	E100	A	Stratford	SFD	57	291.00			8.06			0.3371	3.00			
E100B	E100	B	Hawera	HWA	58	291.00			8.06			0.6818	3.00			
E100C	E100	C	Waverley	WVY	59	291.00			8.06			0.6001	3.00			
E100D	E100	D	Opunake	OPK	60	291.00			8.06			0.6154	3.00			
E100E	E100	E	Brunswick	BRK	61	291.00			8.06			0.3950	3.00			
E100E	E100	E	Wanganui	WGN	62	291.00			8.06			0.3950	3.00			
E100F	E100	F	Marton	MTN	63	291.00			8.06			0.4754	3.00			
E100G	E100	G	Mataroa	MTR	64	291.00			8.06			0.6479	3.00			
E100G	E100	G	Ohakune	OKN	65	291.00			8.06			0.6479	3.00			
E100H	E100	H	Masterton	MST	66	291.00			8.06			0.5829	3.00			
E100H	E100	H	Greytown	GYT	67	291.00			8.06			0.5829	3.00			
E100I	E100	I	Bunnython	BPE	68	291.00			8.06			0.3567	3.00			
E100I	E100	I	Linton	LTN	69	291.00			8.06			0.3567	3.00			
E100J	E100	J	Mangamai	MGM	70	291.00			8.06			0.4258	3.00			
						0	0	0	0							
E300A	E300	A	Carrington	CST	72			1.85	8.06			0.1472	3.00			
E300A	E300	A	Huirangi	HUI	73			1.85	8.06			0.1472	3.00			
E300A	E300	A	Moturoa / I	NPL	74			1.85	8.06			0.1472	3.00			
E300A	E300	A	Stratford	SFD	75			1.85	8.06			0.1472	3.00			
E300B	E300	B	Hawera	HWA	76			1.85	8.06			0.2763	3.00			
E300C	E300	C	Waverley	WVY	77			1.85	8.06			0.5505	3.00			
E300D	E300	D	Opunake	OPK	78			1.85	8.06			0.3108	3.00			
E300E	E300	E	Brunswick	BRK	79			1.85	8.06			0.1566	3.00			
E300E	E300	E	Wanganui	WGN	80			1.85	8.06			0.1566	3.00			
E300F	E300	F	Marton	MTN	81			1.85	8.06			0.2496	3.00			
E300G	E300	G	Mataroa	MTR	82			1.85	8.06			0.4196	3.00			
E300G	E300	G	Ohakune	OKN	83			1.85	8.06			0.4196	3.00			
E300H	E300	H	Masterton	MST	84			1.85	8.06			0.3589	3.00			
E300H	E300	H	Greytown	GYT	85			1.85	8.06			0.3589	3.00			
E300I	E300	I	Bunnython	BPE	86			1.85	8.06			0.2462	3.00			
E300I	E300	I	Linton	LTN	87			1.85	8.06			0.2462	3.00			
E300J	E300	J	Mangamai	MGM	88			1.85	8.06			0.2609	3.00			
SPECIAL	SPECIAL		Asset Based						8.06				7.00	55.75	11,494.92	10.45
SPECIAL	SPECIAL		By Pass						8.06							
SPECIAL	SPECIAL		BALANCE						8.06						323,876.00	
SPECIAL	SPECIAL		SWIFT						8.06						103,970.00	
SPECIAL	SPECIAL		Hau Nui Generation						8.06						106,818.90	
SPECIAL	SPECIAL		Tararua Generation						8.06						241,439.78	
SPECIAL	SPECIAL		Other Generation						8.06							

Western Network Transmission Prices

Western Network						Transmission Prices FY19 (Period 1 April 2018 to 31 March 2019)							
									Individually Priced				
						Demand Charge							
						Dist-$/kW /Month	Trans-$/kW /Month	$/kVAr /Month	ABP ($/AMD, value)	Indirect Fixed ($/ICP)	Indirect Variable ($/OPD)	Connection charge ($/AMD)	Interconnection charge ($/OPD)
	Residential+Small Commercial												
E1CA	E1C	A	Brunswick	BRK	107	10.8800							
E1UCA	E1UC	A	Brunswick	BRK	108	10.8800							
E1CA	E1C	A	Bunnython	BPE	109	10.8800							
E1UCA	E1UC	A	Bunnython	BPE	110	10.8800							
E1CA	E1C	A	Carrington	CST	111	10.8800							
E1UCA	E1UC	A	Carrington	CST	112	10.8800							
E1CA	E1C	A	Huirangi	HUI	113	10.8800							
E1UCA	E1UC	A	Huirangi	HUI	114	10.8800							
E1CA	E1C	A	Linton	LTN	115	10.8800							
E1UCA	E1UC	A	Linton	LTN	116	10.8800							
E1CA	E1C	A	Moturoa / I	NPL	117	10.8800							
E1UCA	E1UC	A	Moturoa / I	NPL	118	10.8800							
E1CA	E1C	A	Stratford	SFD	119	10.8800							
E1UCA	E1UC	A	Stratford	SFD	120	10.8800							
E1CA	E1C	A	Wanganui	WGN	121	10.8800							
E1UCA	E1UC	A	Wanganui	WGN	122	10.8800							
E1CB	E1C	B	Greytown	GYT	124	12.5700							
E1UCB	E1UC	B	Greytown	GYT	125	12.5700							
E1CB	E1C	B	Hawera	HWA	126	12.5700							
E1UCB	E1UC	B	Hawera	HWA	127	12.5700							
E1CB	E1C	B	Mangamai	MGM	128	12.5700							
E1UCB	E1UC	B	Mangamai	MGM	129	12.5700							
E1CB	E1C	B	Marton	MTN	130	12.5700							
E1UCB	E1UC	B	Marton	MTN	131	12.5700							
E1CB	E1C	B	Masterton	MST	132	12.5700							
E1UCB	E1UC	B	Masterton	MST	133	12.5700							
E1CB	E1C	B	Mataroa	MTR	134	12.5700							
E1UCB	E1UC	B	Mataroa	MTR	135	12.5700							
E1CB	E1C	B	Ohakune	OKN	136	12.5700							
E1UCB	E1UC	B	Ohakune	OKN	137	12.5700							
E1CB	E1C	B	Opunake	OPK	138	12.5700							
E1UCB	E1UC	B	Opunake	OPK	139	12.5700							
E1CB	E1C	B	Waverley	WVY	140	12.5700							
E1UCB	E1UC	B	Waverley	WVY	141	12.5700							
Medium/La	Medium/Large Commercial												
E100A	E100	A	Carrington	CST	144		0.4336						
E100A	E100	A	Huirangi	HUI	145		0.4336						
E100A	E100	A	Moturoa / I	NPL	146		0.4336						
E100A	E100	A	Stratford	SFD	147		0.4336						
E100B	E100	B	Hawera	HWA	148		0.5991						
E100C	E100	C	Waverley	WVY	149		0.4485						
E100D	E100	D	Opunake	OPK	150		0.8124						
E100E	E100	E	Brunswick	BRK	151		0.3646						
E100E	E100	E	Wanganui	WGN	152		0.3646						
E100F	E100	F	Marton	MTN	153		0.3087						
E100G	E100	G	Mataroa	MTR	154		0.4969						
E100G	E100	G	Ohakune	OKN	155		0.4969						
E100H	E100	H	Masterton	MST	156		0.4831						
E100H	E100	H	Greytown	GYT	157		0.4831						
E100I	E100	I	Bunnython	BPE	158		0.3586						
E100I	E100	I	Linton	LTN	159		0.3586						
E100J	E100	J	Mangamai	MGM	160		0.6428						
E300A	E300	A	Carrington	CST	162		0.4336						
E300A	E300	A	Huirangi	HUI	163		0.4336						
E300A	E300	A	Moturoa / I	NPL	164		0.4336						
E300A	E300	A	Stratford	SFD	165		0.4336						
E300B	E300	B	Hawera	HWA	166		0.5991						
E300C	E300	C	Waverley	WVY	167		0.4485						
E300D	E300	D	Opunake	OPK	168		0.8124						
E300E	E300	E	Brunswick	BRK	169		0.3646						
E300E	E300	E	Wanganui	WGN	170		0.3646						
E300F	E300	F	Marton	MTN	171		0.3087						
E300G	E300	G	Mataroa	MTR	172		0.4969						
E300G	E300	G	Ohakune	OKN	173		0.4969						
E300H	E300	H	Masterton	MST	174		0.4831						
E300H	E300	H	Greytown	GYT	175		0.4831						
E300I	E300	I	Bunnython	BPE	176		0.3586						
E300I	E300	I	Linton	LTN	177		0.3586						
E300J	E300	J	Mangamai	MGM	178		0.6428						
SPECIAL	SPECIAL		Asset Based									24.3523	117.2466
SPECIAL	SPECIAL		By Pass										
SPECIAL	SPECIAL		BALANCE							601,944.00			
SPECIAL	SPECIAL		SWIFT							11,227.00			
SPECIAL	SPECIAL		Hau Nui Generation										
SPECIAL	SPECIAL		Tararua Generation										
SPECIAL	SPECIAL		Other Generation										

Western Network Quantities

						Quantities FY19 (1 April 2018 to 31 March 2019)										Individually Priced		
Western Network	Tariff Group	GXP Group	GXP			ICP No.'s (Average)	ICP Days	ICP Months	kVA Installed	CT/VTs	kWh Day	kWh Night	kW Demand (AMD for E100/E300)	OPD (kW)	$/kVAr /Month	Asset Value / AMD	AMD	OPD
	Residential+Small Commercial																	
E1CA	E1C	A	Brunswick	BRK	17	6,700	2,445,641	-	-	-	38,855,782	11,865,229	139,075	-	-	-	-	-
E1UCA	E1UC	A	Brunswick	BRK	18	5,504	2,009,078	-	-	-	31,919,778	9,747,210	114,249	-	-	-	-	-
E1CA	E1C	A	Bunnythorpe	BPE	19	17,004	6,206,339	-	-	-	125,746,168	37,684,005	377,117	-	-	-	-	-
E1UCA	E1UC	A	Bunnythorpe	BPE	20	17,361	6,336,787	-	-	-	128,389,175	38,476,070	385,044	-	-	-	-	-
E1CA	E1C	A	Carrington	CST	21	7,662	2,796,607	-	-	-	52,689,056	14,935,237	161,285	-	-	-	-	-
E1UCA	E1UC	A	Carrington	CST	22	10,787	3,937,337	-	-	-	74,180,812	21,027,289	227,073	-	-	-	-	-
E1CA	E1C	A	Huirangi	HUI	23	4,999	1,824,560	-	-	-	26,172,656	9,038,540	116,170	-	-	-	-	-
E1UCA	E1UC	A	Huirangi	HUI	24	5,182	1,891,449	-	-	-	27,132,142	9,369,892	120,428	-	-	-	-	-
E1CA	E1C	A	Linton	LTN	25	7,814	2,852,076	-	-	-	54,998,994	17,123,592	184,687	-	-	-	-	-
E1UCA	E1UC	A	Linton	LTN	26	8,755	3,195,584	-	-	-	61,623,131	19,185,976	206,931	-	-	-	-	-
E1CA	E1C	A	Moturoa / New Plymouth	NPL	27	4,415	1,611,628	-	-	-	23,843,708	6,794,118	80,347	-	-	-	-	-
E1UCA	E1UC	A	Moturoa / New Plymouth	NPL	28	4,636	1,692,242	-	-	-	25,036,382	7,133,963	84,365	-	-	-	-	-
E1CA	E1C	A	Stratford	SFD	29	4,231	1,544,471	-	-	-	44,323,166	13,684,065	142,166	-	-	-	-	-
E1UCA	E1UC	A	Stratford	SFD	30	4,067	1,484,497	-	-	-	42,602,047	13,152,698	136,645	-	-	-	-	-
E1CA	E1C	A	Wanganui	WGN	31	5,266	1,922,039	-	-	-	33,265,432	9,563,875	130,100	-	-	-	-	-
E1UCA	E1UC	A	Wanganui	WGN	32	4,564	1,665,862	-	-	-	28,831,697	8,289,168	112,759	-	-	-	-	-
E1CB	E1C	B	Greytown	GYT	34	3,556	1,297,793	-	-	-	26,635,479	10,567,929	76,452	-	-	-	-	-
E1UCB	E1UC	B	Greytown	GYT	35	3,403	1,241,919	-	-	-	25,488,747	10,112,949	73,160	-	-	-	-	-
E1CB	E1C	B	Hawera	HWA	36	3,405	1,242,932	-	-	-	24,744,145	8,781,170	74,971	-	-	-	-	-
E1UCB	E1UC	B	Hawera	HWA	37	5,816	2,122,712	-	-	-	42,258,684	14,996,708	128,037	-	-	-	-	-
E1CB	E1C	B	Mangamaire	MGM	38	2,063	752,952	-	-	-	14,550,533	4,591,626	42,071	-	-	-	-	-
E1UCB	E1UC	B	Mangamaire	MGM	39	2,199	802,734	-	-	-	15,512,552	4,895,205	44,853	-	-	-	-	-
E1CB	E1C	B	Marton	MTN	40	4,070	1,485,580	-	-	-	29,934,279	9,761,697	85,840	-	-	-	-	-
E1UCB	E1UC	B	Marton	MTN	41	2,053	749,383	-	-	-	15,099,990	4,924,172	43,301	-	-	-	-	-
E1CB	E1C	B	Masterton	MST	42	10,831	3,953,155	-	-	-	72,502,719	24,940,340	214,420	-	-	-	-	-
E1UCB	E1UC	B	Masterton	MST	43	6,977	2,546,606	-	-	-	46,705,960	16,066,467	138,128	-	-	-	-	-
E1CB	E1C	B	Mataroa	MTR	44	1,738	634,224	-	-	-	11,160,067	3,707,638	33,525	-	-	-	-	-
E1UCB	E1UC	B	Mataroa	MTR	45	1,028	375,366	-	-	-	6,605,083	2,194,364	19,841	-	-	-	-	-
E1CB	E1C	B	Ohakune	OKN	46	637	232,367	-	-	-	3,870,744	1,312,203	12,070	-	-	-	-	-
E1UCB	E1UC	B	Ohakune	OKN	47	556	202,940	-	-	-	3,380,557	1,146,027	10,541	-	-	-	-	-
E1CB	E1C	B	Opunake	OPK	48	1,209	441,318	-	-	-	11,207,065	4,806,415	43,067	-	-	-	-	-
E1UCB	E1UC	B	Opunake	OPK	49	1,830	668,079	-	-	-	16,965,546	7,276,075	65,196	-	-	-	-	-
E1CB	E1C	B	Waverley	WVY	50	-	-	-	-	-	-	-	-	-	-	-	-	-
E1UCB	E1UC	B	Waverley	WVY	51	1,337	488,050	-	-	-	11,070,883	3,944,650	36,033	-	-	-	-	-
Medium/La	***Medium/Large Commercial***					-	-	-	-	-	-	-	-	-	-	-	-	-
E100A	E100	A	Carrington	CST	54	31	-	372	-	-	-	-	1,566,945	801,905	3,429	-	-	-
E100A	E100	A	Huirangi	HUI	55	9	-	108	-	1	-	-	495,670	140,525	3,221	-	-	-
E100A	E100	A	Moturoa / New Plymouth	NPL	56	4	-	48	-	-	-	-	156,585	56,210	669	-	-	-
E100A	E100	A	Stratford	SFD	57	9	-	108	-	-	-	-	437,635	192,355	1,208	-	-	-
E100B	E100	B	Hawera	HWA	58	9	-	108	-	-	-	-	399,310	204,035	1,269	-	-	-
E100C	E100	C	Waverley	WVY	59	-	-	-	-	-	-	-	-	-	-	-	-	-
E100D	E100	D	Opunake	OPK	60	1	-	12	-	-	-	-	50,370	10,950	810	-	-	-
E100E	E100	E	Brunswick	BRK	61	10	-	120	-	-	-	-	523,045	289,810	1,035	-	-	-
E100E	E100	E	Wanganui	WGN	62	9	-	108	-	-	-	-	374,855	181,040	1,161	-	-	-
E100F	E100	F	Marton	MTN	63	5	-	60	-	-	-	-	266,085	143,445	545	-	-	-
E100G	E100	G	Mataroa	MTR	64	4	-	48	-	-	-	-	282,510	102,930	579	-	-	-
E100G	E100	G	Ohakune	OKN	65	-	-	-	-	-	-	-	-	-	-	-	-	-
E100H	E100	H	Masterton	MST	66	23	-	276	-	-	-	-	1,170,190	598,235	2,689	-	-	-
E100H	E100	H	Greytown	GYT	67	6	-	72	-	-	-	-	277,400	120,815	608	-	-	-
E100I	E100	I	Bunnythorpe	BPE	68	63	-	750	-	1	-	-	3,169,660	1,507,815	7,892	-	-	-
E100I	E100	I	Linton	LTN	69	34	-	408	-	-	-	-	1,660,020	697,880	4,747	-	-	-
E100J	E100	J	Mangamaire	MGM	70	2	-	24	-	-	-	-	101,105	39,420	858	-	-	-
E300A	E300	A	Carrington	CST	72	37	-	-	294,203	5	-	-	4,815,810	2,125,030	8,416	-	-	-
E300A	E300	A	Huirangi	HUI	73	15	-	-	255,702	3	-	-	5,730,865	2,891,895	11,568	-	-	-
E300A	E300	A	Moturoa / New Plymouth	NPL	74	13	-	-	133,564	7	-	-	2,080,500	744,600	4,609	-	-	-
E300A	E300	A	Stratford	SFD	75	12	-	-	151,614	1	-	-	2,565,220	976,375	7,226	-	-	-
E300B	E300	B	Hawera	HWA	76	10	-	-	173,875	1	-	-	1,214,720	552,975	4,602	-	-	-
E300C	E300	C	Waverley	WVY	77	1	-	-	18,050	-	-	-	427,780	284,335	300	-	-	-
E300D	E300	D	Opunake	OPK	78	2	-	-	36,099	2	-	-	709,925	363,175	3,905	-	-	-
E300E	E300	E	Brunswick	BRK	79	14	-	-	121,533	2	-	-	2,068,090	1,103,030	4,044	-	-	-
E300E	E300	E	Wanganui	WGN	80	17	-	-	279,765	6	-	-	3,807,680	1,827,555	9,893	-	-	-
E300F	E300	F	Marton	MTN	81	10	-	-	131,760	3	-	-	2,253,145	1,103,395	3,977	-	-	-
E300G	E300	G	Mataroa	MTR	82	2	-	-	36,099	-	-	-	550,055	325,580	395	-	-	-
E300G	E300	G	Ohakune	OKN	83	-	-	-	-	-	-	-	-	-	-	-	-	-
E300H	E300	H	Masterton	MST	84	19	-	-	161,842	1	-	-	2,962,340	1,445,035	4,836	-	-	-
E300H	E300	H	Greytown	GYT	85	1	-	-	13,836	-	-	-	260,610	73,000	1,449	-	-	-
E300I	E300	I	Bunnythorpe	BPE	86	55	-	-	653,746	14	-	-	11,123,740	5,372,800	17,544	-	-	-
E300I	E300	I	Linton	LTN	87	26	-	-	312,738	6	-	-	5,069,485	2,664,500	8,453	-	-	-
E300J	E300	J	Mangamaire	MGM	88	1	-	-	9,025	1	-	-	109,500	36,500	528	-	-	-
SPECIAL	SPECIAL		Asset Based			24	-	-	-	5	-	-	-	-	25,961	50,495	50,495	22,756
SPECIAL	SPECIAL		By Pass			-	-	-	-	-	-	-	-	-	-	-	-	-
SPECIAL	SPECIAL		BALANCE			1	-	-	-	-	-	-	-	-	-	-	-	-
SPECIAL	SPECIAL		SWIFT			1	-	-	-	-	-	-	-	-	-	-	-	-
SPECIAL	SPECIAL		Hau Nui Generation			1	-	-	-	-	-	-	-	-	-	-	-	-
SPECIAL	SPECIAL		Tararua Generation			1	-	-	-	-	-	-	-	-	-	-	-	-
SPECIAL	SPECIAL		Other Generation			6	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-

Western Network Distribution Revenue

Western Network	Tariff Group	GXP Group	GXP			Distribution Revenue (FY19 Prices) Fixed (Monthly)	Fixed (Daily)	Variable	Demand	Non-standard	Total
	Residential+Small Commercial										
E1CA	E1C	A	Brunswick	BRK	17	-	-	2,569,031	927,629	-	**3,496,660**
E1UCA	E1UC	A	Brunswick	BRK	18	-	301,362	2,110,442	762,042	-	**3,173,846**
E1CA	E1C	A	Bunnythorpe	BPE	19	-	-	8,305,036	2,515,372	-	**10,820,408**
E1UCA	E1UC	A	Bunnythorpe	BPE	20	-	950,518	8,479,596	2,568,242	-	**11,998,356**
E1CA	E1C	A	Carrington	CST	21	-	-	3,469,219	1,075,771	-	**4,544,990**
E1UCA	E1UC	A	Carrington	CST	22	-	590,601	4,884,306	1,514,576	-	**6,989,483**
E1CA	E1C	A	Huirangi	HUI	23	-	-	1,743,538	774,851	-	**2,518,390**
E1UCA	E1UC	A	Huirangi	HUI	24	-	283,717	1,807,456	803,257	-	**2,894,431**
E1CA	E1C	A	Linton	LTN	25	-	-	3,640,482	1,231,863	-	**4,872,345**
E1UCA	E1UC	A	Linton	LTN	26	-	479,338	4,078,946	1,380,229	-	**5,938,513**
E1CA	E1C	A	Moturoa / New Plymouth	NPL	27	-	-	1,570,389	535,911	-	**2,106,301**
E1UCA	E1UC	A	Moturoa / New Plymouth	NPL	28	-	253,836	1,648,941	562,718	-	**2,465,495**
E1CA	E1C	A	Stratford	SFD	29	-	-	2,932,384	948,245	-	**3,880,629**
E1UCA	E1UC	A	Stratford	SFD	30	-	222,675	2,818,516	911,424	-	**3,952,615**
E1CA	E1C	A	Wanganui	WGN	31	-	-	2,191,985	867,764	-	**3,059,749**
E1UCA	E1UC	A	Wanganui	WGN	32	-	249,879	1,899,829	752,105	-	**2,901,814**
E1CB	E1C	B	Greytown	GYT	34	-	-	2,433,566	733,172	-	**3,166,738**
E1UCB	E1UC	B	Greytown	GYT	35	-	186,288	2,328,794	701,607	-	**3,216,689**
E1CB	E1C	B	Hawera	HWA	36	-	-	2,243,353	718,970	-	**2,962,323**
E1UCB	E1UC	B	Hawera	HWA	37	-	318,407	3,831,255	1,227,876	-	**5,377,538**
E1CB	E1C	B	Mangamaire	MGM	38	-	-	1,309,569	403,463	-	**1,713,032**
E1UCB	E1UC	B	Mangamaire	MGM	39	-	120,410	1,396,153	430,138	-	**1,946,701**
E1CB	E1C	B	Marton	MTN	40	-	-	2,699,430	823,206	-	**3,522,636**
E1UCB	E1UC	B	Marton	MTN	41	-	112,407	1,361,695	415,256	-	**1,889,359**
E1CB	E1C	B	Masterton	MST	42	-	-	6,559,978	2,056,285	-	**8,616,263**
E1UCB	E1UC	B	Masterton	MST	43	-	381,991	4,225,911	1,324,650	-	**5,932,553**
E1CB	E1C	B	Mataroa	MTR	44	-	-	1,007,546	321,500	-	**1,329,046**
E1UCB	E1UC	B	Mataroa	MTR	45	-	56,305	596,316	190,280	-	**842,900**
E1CB	E1C	B	Ohakune	OKN	46	-	-	349,897	115,749	-	**465,646**
E1UCB	E1UC	B	Ohakune	OKN	47	-	30,441	305,586	101,091	-	**437,118**
E1CB	E1C	B	Opunake	OPK	48	-	-	1,029,986	413,013	-	**1,442,999**
E1UCB	E1UC	B	Opunake	OPK	49	-	100,212	1,559,220	625,229	-	**2,284,661**
E1CB	E1C	B	Waverley	WVY	50	-	-	-	-	-	**-**
E1UCB	E1UC	B	Waverley	WVY	51	-	73,208	1,003,974	345,556	-	**1,422,738**
Medium/La	*Medium/Large Commercial*					-	-	-	-	-	**-**
E100A	E100	A	Carrington	CST	54	108,252	-	-	538,504	-	**646,756**
E100A	E100	A	Huirangi	HUI	55	31,428	2,942	-	176,753	-	**211,123**
E100A	E100	A	Moturoa / New Plymouth	NPL	56	13,968	-	-	54,792	-	**68,760**
E100A	E100	A	Stratford	SFD	57	31,428	-	-	151,151	-	**182,579**
E100B	E100	B	Hawera	HWA	58	31,428	-	-	276,057	-	**307,485**
E100C	E100	C	Waverley	WVY	59	-	-	-	-	-	**-**
E100D	E100	D	Opunake	OPK	60	3,492	-	-	33,428	-	**36,920**
E100E	E100	E	Brunswick	BRK	61	34,920	-	-	209,708	-	**244,628**
E100E	E100	E	Wanganui	WGN	62	31,428	-	-	151,551	-	**182,979**
E100F	E100	F	Marton	MTN	63	17,460	-	-	128,132	-	**145,592**
E100G	E100	G	Mataroa	MTR	64	13,968	-	-	184,775	-	**198,743**
E100G	E100	G	Ohakune	OKN	65	-	-	-	-	-	**-**
E100H	E100	H	Masterton	MST	66	80,316	-	-	690,171	-	**770,487**
E100H	E100	H	Greytown	GYT	67	20,952	-	-	163,520	-	**184,472**
E100I	E100	I	Bunnythorpe	BPE	68	218,250	2,942	-	1,154,294	-	**1,375,486**
E100I	E100	I	Linton	LTN	69	118,728	-	-	606,370	-	**725,098**
E100J	E100	J	Mangamaire	MGM	70	6,984	-	-	45,625	-	**52,609**
E300A	E300	A	Carrington	CST	72	544,276	14,710	-	734,135	-	**1,293,120**
E300A	E300	A	Huirangi	HUI	73	473,049	8,826	-	878,287	-	**1,360,162**
E300A	E300	A	Moturoa / New Plymouth	NPL	74	247,093	20,593	-	320,077	-	**587,763**
E300A	E300	A	Stratford	SFD	75	280,486	2,942	-	399,278	-	**682,706**
E300B	E300	B	Hawera	HWA	76	321,669	2,942	-	349,433	-	**674,044**
E300C	E300	C	Waverley	WVY	77	33,393	-	-	236,393	-	**269,785**
E300D	E300	D	Opunake	OPK	78	66,783	5,884	-	232,360	-	**305,027**
E300E	E300	E	Brunswick	BRK	79	224,836	5,884	-	335,995	-	**566,715**
E300E	E300	E	Wanganui	WGN	80	517,565	17,651	-	625,962	-	**1,161,178**
E300F	E300	F	Marton	MTN	81	243,756	8,826	-	574,316	-	**826,898**
E300G	E300	G	Mataroa	MTR	82	66,783	-	-	231,988	-	**298,771**
E300G	E300	G	Ohakune	OKN	83	-	-	-	-	-	**-**
E300H	E300	H	Masterton	MST	84	299,408	2,942	-	1,077,692	-	**1,380,041**
E300H	E300	H	Greytown	GYT	85	25,597	-	-	97,880	-	**123,477**
E300I	E300	I	Bunnythorpe	BPE	86	1,209,430	41,187	-	2,791,297	-	**4,041,913**
E300I	E300	I	Linton	LTN	87	578,565	17,651	-	1,273,466	-	**1,869,683**
E300J	E300	J	Mangamaire	MGM	88	16,696	2,942	-	30,153	-	**49,791**
SPECIAL	SPECIAL		Asset Based			-	14,710	-	181,727	3,328,734	**3,525,171**
SPECIAL	SPECIAL		By Pass			-	-	-	-	-	**-**
SPECIAL	SPECIAL		BALANCE			-	-	-	-	323,876	**323,876**
SPECIAL	SPECIAL		SWIFT			-	-	-	-	103,970	**103,970**
SPECIAL	SPECIAL		Hau Nui Generation			-	-	-	-	106,819	**106,819**
SPECIAL	SPECIAL		Tararua Generation			-	-	-	-	241,440	**241,440**
SPECIAL	SPECIAL		Other Generation			-	-	-	-	-	**-**
							-				
						5,912,386	**4,885,166**	**88,392,328**	**44,014,312**	**4,104,839**	**147,309,031**

Western Network Transmission Revenue

Western Network						Transmission Revenue (FY19 Prices)					
						Fixed (Monthly)	Fixed (Daily)	Variable	Demand	Non-standard	Total
	Residential+Small Commercial										
E1CA	E1C	A	Brunswick	BRK	107	-	-	-	1,513,135	-	**1,513,135**
E1UCA	E1UC	A	Brunswick	BRK	108	-	-	-	1,243,030	-	**1,243,030**
E1CA	E1C	A	Bunnythor	BPE	109	-	-	-	4,103,036	-	**4,103,036**
E1UCA	E1UC	A	Bunnythor	BPE	110	-	-	-	4,189,276	-	**4,189,276**
E1CA	E1C	A	Carrington	CST	111	-	-	-	1,754,782	-	**1,754,782**
E1UCA	E1UC	A	Carrington	CST	112	-	-	-	2,470,553	-	**2,470,553**
E1CA	E1C	A	Huirangi	HUI	113	-	-	-	1,263,925	-	**1,263,925**
E1UCA	E1UC	A	Huirangi	HUI	114	-	-	-	1,310,261	-	**1,310,261**
E1CA	E1C	A	Linton	LTN	115	-	-	-	2,009,395	-	**2,009,395**
E1UCA	E1UC	A	Linton	LTN	116	-	-	-	2,251,409	-	**2,251,409**
E1CA	E1C	A	Moturoa / I	NPL	117	-	-	-	874,170	-	**874,170**
E1UCA	E1UC	A	Moturoa / I	NPL	118	-	-	-	917,896	-	**917,896**
E1CA	E1C	A	Stratford	SFD	119	-	-	-	1,546,763	-	**1,546,763**
E1UCA	E1UC	A	Stratford	SFD	120	-	-	-	1,486,701	-	**1,486,701**
E1CA	E1C	A	Wanganui	WGN	121	-	-	-	1,415,483	-	**1,415,483**
E1UCA	E1UC	A	Wanganui	WGN	122	-	-	-	1,226,823	-	**1,226,823**
E1CB	E1C	B	Greytown	GYT	124	-	-	-	960,998	-	**960,998**
E1UCB	E1UC	B	Greytown	GYT	125	-	-	-	919,625	-	**919,625**
E1CB	E1C	B	Hawera	HWA	126	-	-	-	942,384	-	**942,384**
E1UCB	E1UC	B	Hawera	HWA	127	-	-	-	1,609,427	-	**1,609,427**
E1CB	E1C	B	Mangamai	MGM	128	-	-	-	528,835	-	**528,835**
E1UCB	E1UC	B	Mangamai	MGM	129	-	-	-	563,799	-	**563,799**
E1CB	E1C	B	Marton	MTN	130	-	-	-	1,079,009	-	**1,079,009**
E1UCB	E1UC	B	Marton	MTN	131	-	-	-	544,293	-	**544,293**
E1CB	E1C	B	Masterton	MST	132	-	-	-	2,695,256	-	**2,695,256**
E1UCB	E1UC	B	Masterton	MST	133	-	-	-	1,736,273	-	**1,736,273**
E1CB	E1C	B	Mataroa	MTR	134	-	-	-	421,403	-	**421,403**
E1UCB	E1UC	B	Mataroa	MTR	135	-	-	-	249,407	-	**249,407**
E1CB	E1C	B	Ohakune	OKN	136	-	-	-	151,717	-	**151,717**
E1UCB	E1UC	B	Ohakune	OKN	137	-	-	-	132,503	-	**132,503**
E1CB	E1C	B	Opunake	OPK	138	-	-	-	541,352	-	**541,352**
E1UCB	E1UC	B	Opunake	OPK	139	-	-	-	819,513	-	**819,513**
E1CB	E1C	B	Waverley	WVY	140	-	-	-	-	-	**-**
E1UCB	E1UC	B	Waverley	WVY	141	-	-	-	452,935	-	**452,935**
Medium/La	***Medium/Large Commercial***					-	-	-	-	-	**-**
E100A	E100	A	Carrington	CST	144	-	-	-	347,706	-	**347,706**
E100A	E100	A	Huirangi	HUI	145	-	-	-	60,932	-	**60,932**
E100A	E100	A	Moturoa / I	NPL	146	-	-	-	24,373	-	**24,373**
E100A	E100	A	Stratford	SFD	147	-	-	-	83,405	-	**83,405**
E100B	E100	B	Hawera	HWA	148	-	-	-	122,237	-	**122,237**
E100C	E100	C	Waverley	WVY	149	-	-	-	-	-	**-**
E100D	E100	D	Opunake	OPK	150	-	-	-	8,896	-	**8,896**
E100E	E100	E	Brunswick	BRK	151	-	-	-	105,665	-	**105,665**
E100E	E100	E	Wanganui	WGN	152	-	-	-	66,007	-	**66,007**
E100F	E100	F	Marton	MTN	153	-	-	-	44,281	-	**44,281**
E100G	E100	G	Mataroa	MTR	154	-	-	-	51,146	-	**51,146**
E100G	E100	G	Ohakune	OKN	155	-	-	-	-	-	**-**
E100H	E100	H	Masterton	MST	156	-	-	-	289,007	-	**289,007**
E100H	E100	H	Greytown	GYT	157	-	-	-	58,366	-	**58,366**
E100I	E100	I	Bunnythor	BPE	158	-	-	-	540,702	-	**540,702**
E100I	E100	I	Linton	LTN	159	-	-	-	250,260	-	**250,260**
E100J	E100	J	Mangamai	MGM	160	-	-	-	25,339	-	**25,339**
E300A	E300	A	Carrington	CST	162	-	-	-	921,413	-	**921,413**
E300A	E300	A	Huirangi	HUI	163	-	-	-	1,253,926	-	**1,253,926**
E300A	E300	A	Moturoa / I	NPL	164	-	-	-	322,859	-	**322,859**
E300A	E300	A	Stratford	SFD	165	-	-	-	423,356	-	**423,356**
E300B	E300	B	Hawera	HWA	166	-	-	-	331,287	-	**331,287**
E300C	E300	C	Waverley	WVY	167	-	-	-	127,524	-	**127,524**
E300D	E300	D	Opunake	OPK	168	-	-	-	295,043	-	**295,043**
E300E	E300	E	Brunswick	BRK	169	-	-	-	402,165	-	**402,165**
E300E	E300	E	Wanganui	WGN	170	-	-	-	666,327	-	**666,327**
E300F	E300	F	Marton	MTN	171	-	-	-	340,618	-	**340,618**
E300G	E300	G	Mataroa	MTR	172	-	-	-	161,781	-	**161,781**
E300G	E300	G	Ohakune	OKN	173	-	-	-	-	-	**-**
E300H	E300	H	Masterton	MST	174	-	-	-	698,096	-	**698,096**
E300H	E300	H	Greytown	GYT	175	-	-	-	35,266	-	**35,266**
E300I	E300	I	Bunnythor	BPE	176	-	-	-	1,926,686	-	**1,926,686**
E300I	E300	I	Linton	LTN	177	-	-	-	955,490	-	**955,490**
E300J	E300	J	Mangamai	MGM	178	-	-	-	23,462	-	**23,462**
SPECIAL	SPECIAL		Asset Based			-	-	-	-	3,897,734	**3,897,734**
SPECIAL	SPECIAL		By Pass			-	-	-	-	-	**-**
SPECIAL	SPECIAL		BALANCE			-	-	-	-	601,944	**601,944**
SPECIAL	SPECIAL		SWIFT			-	-	-	-	11,227	**11,227**
SPECIAL	SPECIAL		Hau Nui Generation			-	-	-	-	-	**-**
SPECIAL	SPECIAL		Tararua Generation			-	-	-	-	-	**-**
SPECIAL	SPECIAL		Other Generation			-	-	-	-	-	**-**
Western Region Total						**-**	**-**	**-**	**54,888,990**	**4,510,905**	**59,399,895**

Eastern Network Distribution Prices

Eastern Network				Distribution Prices FY19 (Prices 1 April 2018 to 31 March 2019)																	
				Fixed		Variable											Individually Priced				
				Network Asset Charge		Volume Charge										Demand Charge					
Tariff Group	Network Group	Tariff Description		ICP cents/day	Installed Capacity $/kVA/Month	Uncontrolled c/kWh	All Inclusive c/kWh	Controlled c/kWh	Night Only c/kWh	Summer Day c/kWh	Summer Night c/kWh	Winter Day c/kWh	Winter Night c/kWh	Winter AM Peak c/kWh	Winter PM Peak c/kWh	$/kVAr /Month	ABP ($/AMD, value)	Indirect Fixed ($/ICP)	Indirect Variable ($/OPD)	Connection charge ($/AMD)	Interconnection charge ($/OPD)
						24UC	AICO	CTRL	NITE	TS/1	TS/2	TW/1/3/5	TW/6	TW/2	TW/4						
Residential+Small Commercial																					
V05C	Valley	Low Usage - Controlled	14	15.0000		8.1000	7.4400	5.6200	5.2500												
V05U	Valley	Low Usage - Uncontrolled	15	15.0000		8.1000			5.2500												
V06C	Valley	Residential - Standard Controlled	16	82.6400		6.1000	5.4400	3.6100	2.1700												
V06U	Valley	Residential - Standard Uncontrolled	17	82.6400		6.1000			2.1700												
T05C	Tauranga	Low Usage - Controlled	19	15.0000		7.4100	6.9000	5.3100	4.7500												
T05U	Tauranga	Low Usage - Uncontrolled	20	15.0000		7.4100			4.7500												
T06C	Tauranga	Standard Residential & Commercial - Controlled	21	71.7500		5.4100	4.9100	3.3100	2.1700												
T06U	Tauranga	Standard Residential & Commercial - Uncontrolled	22	71.7500		5.4100			2.1700												
Unmetered Supply																					
V01	Valley	Unmetered/Streetlighting	25			7.7700															
V02	Valley	Unmetered/Streetlighting	26	10.8900																	
V03	Valley	Unmetered/Streetlighting	27																		
T01	Tauranga	Unmetered/Streetlighting	29			7.3600															
T02	Tauranga	Unmetered/Streetlighting	30	10.9800																	
T03	Tauranga	Unmetered/Streetlighting	31																		
Medium/Large Commercial																					
V24	Valley	Commercial three phase 100A part of V25 but with rebate		991.0000		4.0400	4.0400									7.0000					
V28	Valley	> 200 Amp up to 299 kVA merged with V27 & V29		3,661.0000		4.0700	4.0700	3.0900								7.0000					
V40	Valley	Individual ICP prices														7.0000	118.7858	2,289.3000	8.7732		
V60	Valley	Individual ICP prices														7.0000	50.2530	11,968.0000	10.4445		
V601	Kinleith															7.0000	0.2943	8,839.92			
T22	Tauranga	Capacity 100 – 199kVA		999.0000		4.8400		2.2400	2.3300							7.0000					
T24	Tauranga	Capacity 200 -299kVA		3,247.0000		4.4700		2.0600								7.0000					
T41	Tauranga	capacity 200 kVA unitised		1,419.0000						2.8300	1.2000	3.5900	1.2000	7.5600	13.1500	7.0000					
T43	Tauranga	capacity 300 kVA - 1,500 kVA unitised (Closed to new connections)			2.1800					2.8300	1.2000	3.5900	1.2000	7.5600	13.1500	7.0000					
T50	Tauranga	Individual ICP prices														7.0000	93.6973	2,289.3000	8.7732		
T601	Tauranga	Individual ICP prices														7.0000	68.6851	11,968.0000	10.4445		

Eastern Network

Tariff Group	Network Group	Tariff Description		Fixed: Network Asset Charge: ICP $/Month	Fixed: Network Asset Charge: ICP cents/day	Fixed: Network Asset Charge: CT/VT Charge ($/day)	Variable: Volume Charge: Uncontrolled c/kWh (24UC)	Variable: Volume Charge: All Inclusive c/kWh (AICO)	Variable: Volume Charge: Controlled c/kWh (CTRL)	Variable: Volume Charge: Summer Day c/kWh (TS/1)	Variable: Volume Charge: Winter Day c/kWh (TW/1/3/5)	Variable: Volume Charge: Winter AM Peak c/kWh (TW/2)	Variable: Volume Charge: Winter PM Peak c/kWh (TW/4)	Variable: Demand Charge: $/kW /Month	Variable: Demand Charge: $/kVA /Month	Variable: Demand Charge: $/kVAr /Month	Individually Priced: Connection charge ($/AMD)	Individually Priced: Interconnection charge ($/OPD)
Residential+Small Commercial																		
V05C	Valley	Low Usage - Controlled	56				4.1200	3.8000	3.0200									
V05U	Valley	Low Usage - Uncontrolled	57				4.1200											
V06C	Valley	Residential - Standard Controlled	58				3.0400	2.7200	1.9500									
V06U	Valley	Residential - Standard Uncontrolled	59				3.0400											
T05C	Tauranga	Low Usage - Controlled	61				4.0400	3.4500	2.0800									
T05U	Tauranga	Low Usage - Uncontrolled	62				4.0400											
T06C	Tauranga	Standard Residential & Commercial - Contro	63				3.4600	2.8600	1.5000									
T06U	Tauranga	Standard Residential & Commercial - Uncon	64				3.4600											
Unmetered Supply																		
V01	Valley	Unmetered/Streetlighting	67				4.1400											
V02	Valley	Unmetered/Streetlighting	68		5.8000													
V03	Valley	Unmetered/Streetlighting	69															
T01	Tauranga	Unmetered/Streetlighting	71				4.1400											
T02	Tauranga	Unmetered/Streetlighting	72		6.1700													
T03	Tauranga	Unmetered/Streetlighting	73															
Medium/Large Commercial																		
V24	Valley	Commercial three phase 100A part of V25 but with rebate					2.4400	2.4400										
V28	Valley	> 200 Amp up to 299 kVA merged with V27 & V29					2.2900	2.2900	1.6300									
V40	Valley	Individual ICP prices															39.0530	119.1741
V60	Valley	Individual ICP prices															40.1709	116.6157
V601	Kinleith																1,214,937.00	113.7700
T22	Tauranga	Capacity 100 – 199kVA					2.3500		1.0800									
T24	Tauranga	Capacity 200 -299kVA					2.1800		1.0000									
T41	Tauranga	capacity 200 kVA unitised								1.4700	1.8700	3.9400	6.8500					
T43	Tauranga	capacity 300 kVA - 1,500 kVA unitised (Closed to new connections)								1.4700	1.8700	3.9400	6.8500					
T50	Tauranga	Individual ICP prices															20.2810	118.5835
T601	Tauranga	Individual ICP prices															21.9595	117.5787

Transmission Prices FY19 (Prices 1 April 2018 to 31 March 2019)

Eastern Network

Tariff Grou	etwork Gro	riff Description		ICP No.'s (Average)	ICP Days	kWh Uncontrolled	kWh All Inclusive	kWh Controlled	kWh Nite Only	kWh Summer Day	kWh Summer Night	kWh Winter Day	kWh Winter Night	kWh Winter AM Peak	kWh Winter PM Peak	kVAr Demand pa	Individually Priced: Asset Value / AMD	Individually Priced: AMD	Individually Priced: OPD
						24UC	AICO	CTRL	NITE	TS/1	TS/2	TW/1/3/5	TW/6	TW/2	TW/4				
Residential+Small Commercial																			
V05C	Valley	Low Usage - Controlle	14	26,444	9,652,184	84,020,463	7,935,909	34,836,616	486,467	-	-	-	-	-	-	-	-	-	-
V05U	Valley	Low Usage - Uncontrc	15	8,726	3,185,139	35,045,722	-	-	165,052	-	-	-	-	-	-	-	-	-	-
V06C	Valley	Residential - Standarc	16	22,761	8,307,647	151,450,792	35,502,435	40,199,052	1,352,000	-	-	-	-	-	-	-	-	-	-
V06U	Valley	Residential - Standarc	17	12,847	4,689,106	167,182,397	-	-	710,072	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T05C	Tauranga	Low Usage - Controlle	19	16,858	6,153,021	42,829,162	23,028,136	23,257,509	405,752	-	-	-	-	-	-	-	-	-	-
T05U	Tauranga	Low Usage - Uncontrc	20	7,687	2,805,935	28,458,513	-	-	3,770,949	-	-	-	-	-	-	-	-	-	-
T06C	Tauranga	Standard Residential .	21	40,271	14,699,023	175,505,919	64,948,258	79,030,284	1,041,491	-	-	-	-	-	-	-	-	-	-
T06U	Tauranga	Standard Residential .	22	18,800	6,861,985	179,565,723	-	-	7,236,561	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unmetered Supply				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V01	Valley	Unmetered/Streetlight	25	-	-	672,410	-	-	-	-	-	-	-	-	-	-	-	-	-
V02	Valley	Unmetered/Streetlight	26	-	4,484,517	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V03	Valley	Unmetered/Streetlight	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T01	Tauranga	Unmetered/Streetlight	29	-	-	2,503,877	-	-	-	-	-	-	-	-	-	-	-	-	-
T02	Tauranga	Unmetered/Streetlight	30	-	5,152,336	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T03	Tauranga	Unmetered/Streetlight	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medium/Large Commercial				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V24	Valley	al three phase		459	167,412	62,415,714	-	-	-	-	-	-	-	-	-	-	-	-	-
V28	Valley	> 200 Amp up to 299 kVA merge		38	14,041	9,429,234	-	-	-	-	-	-	-	-	-	797	-	-	-
V40	Valley	Individual ICP prices		79	-	56,523,833	-	-	-	-	-	-	-	-	-	17,752	18,150	18,150	6,710
V60	Valley	Individual ICP prices		24	-	311,985,020	-	-	-	-	-	-	-	-	-	46,425	56,164	56,164	30,122
V601	Kinleith			1	-	311,868,621	-	-	-	-	-	-	-	-	-	-	9,889,627	1	31,727
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T22	Tauranga	Capacity 100 – 199kVA		569	207,661	55,209,734	-	391,858	449,911	-	-	-	-	-	-	-	-	-	-
T24	Tauranga	Capacity 200 -299kVA		57	20,750	7,133,010	-	1,697	-	-	-	-	-	-	-	-	-	-	-
T41	Tauranga	capacity 200 kVA unitised		89	32,465	-	-	-	-	11,954,544	3,819,940	5,409,957	2,901,511	1,880,177	1,511,925	9,958	-	-	-
T43	Tauranga	300 kVA - 1,500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T50	Tauranga	Individual ICP prices		208	-	189,781,357	-	-	-	-	-	-	-	-	-	42,662	55,337	55,337	24,662
T601	Tauranga	Individual ICP prices		29	-	153,091,134	-	-	-	-	-	-	-	-	-	35,345	45,337	45,337	21,660
Eastern Region Total				155,947		2,024,672,636	131,414,738	177,717,017	15,618,255	11,954,544	3,819,940	5,409,957	2,901,511	1,880,177	1,511,925		10,064,615	174,989	114,881

Quantities FY19 (1 April 2018 to 31 March 2019)

Eastern Network

Tariff Group	Network Group	Tarriff Description		Fixed (Daily)	Variable	Demand	Non-standard	Total
				Distribution Revenue (FY19 Prices)				
Residential+Small Commercial								
V05C	Valley	Low Usage - Controlled	14	1,447,828	9,379,446	-	-	**10,827,274**
V05U	Valley	Low Usage - Uncontrolled	15	477,771	2,847,369	-	-	**3,325,140**
V06C	Valley	Residential - Standard Controlled	16	6,865,439	12,650,355	-	-	**19,515,794**
V06U	Valley	Residential - Standard Uncontrolled	17	3,875,077	10,213,535	-	-	**14,088,612**
				-				
T05C	Tauranga	Low Usage - Controlled	19	922,953	6,016,829	-	-	**6,939,782**
T05U	Tauranga	Low Usage - Uncontrolled	20	420,890	2,287,896	-	-	**2,708,786**
T06C	Tauranga	Standard Residential & Commercial - Controlled	21	10,546,549	15,322,332	-	-	**25,868,882**
T06U	Tauranga	Standard Residential & Commercial - Uncontrolled	22	4,923,474	9,871,539	-	-	**14,795,013**
				-				
Unmetered Supply				-				
V01	Valley	Unmetered/Streetlighting	25	-	52,246	-	-	**52,246**
V02	Valley	Unmetered/Streetlighting	26	488,364	-	-	-	**488,364**
V03	Valley	Unmetered/Streetlighting	27	-	-	-	-	**-**
				-				
T01	Tauranga	Unmetered/Streetlighting	29	-	184,285	-	-	**184,285**
T02	Tauranga	Unmetered/Streetlighting	30	565,726	-	-	-	**565,726**
T03	Tauranga	Unmetered/Streetlighting	31	-	-	-	-	**-**
				-				
Medium/Large Commercial				-				
V24	Valley	Commercial three phase 100A part of V25 but with rebate		1,659,049	2,521,595	-	-	**4,180,644**
V28	Valley	> 200 Amp up to 299 kVA merged with V27 & V29		514,053	383,770	5,580	-	**903,403**
V40	Valley	Individual ICP prices		-	-	124,267	2,395,685	**2,519,953**
V60	Valley	Individual ICP prices		-	-	324,974	3,424,251	**3,749,226**
V601	Kinleith			-	-	-	2,919,525	**2,919,525**
				-				
T22	Tauranga	Capacity 100 – 199kVA		2,074,535	2,691,412	-	-	**4,765,946**
T24	Tauranga	Capacity 200 -299kVA		673,748	318,881	-	-	**992,628**
T41	Tauranga	capacity 200 kVA unitised		460,672	954,148	69,707	-	**1,484,528**
T43	Tauranga	capacity 300 kVA - 1,500 kVA unitised (Closed to new connections)		-	-	-	-	**-**
T50	Tauranga	Individual ICP prices		-	-	298,637	5,877,461	**6,176,098**
T601	Tauranga	Individual ICP prices		-	-	247,412	3,687,275	**3,934,687**
Eastern Region Total				**35,916,129**	**75,695,638**	**1,070,579**	**18,304,198**	**130,986,544**

Eastern Network

Tariff Group	Network Group	Tariff Description		Transmission Revenue (FY19 Prices) Fixed (Monthly)	Fixed (Daily)	Variable	Demand	Non-standard	Total
Residential+Small Commercial									
V05C	Valley	Low Usage - Controlled	56	-	-	4,815,273	-	-	**4,815,273**
V05U	Valley	Low Usage - Uncontrolled	57	-	-	1,443,884	-	-	**1,443,884**
V06C	Valley	Residential - Standard Controlled	58	-	-	6,353,652	-	-	**6,353,652**
V06U	Valley	Residential - Standard Uncontrolled	59	-	-	5,082,345	-	-	**5,082,345**
				-	-	-	-	-	**-**
T05C	Tauranga	Low Usage - Controlled	61	-	-	3,008,525	-	-	**3,008,525**
T05U	Tauranga	Low Usage - Uncontrolled	62	-	-	1,149,724	-	-	**1,149,724**
T06C	Tauranga	Standard Residential & Commercial - Contr	63	-	-	9,115,479	-	-	**9,115,479**
T06U	Tauranga	Standard Residential & Commercial - Uncoi	64	-	-	6,212,974	-	-	**6,212,974**
					-				
Unmetered Supply					-				
V01	Valley	Unmetered/Streetlighting	67	-	-	27,838	-	-	**27,838**
V02	Valley	Unmetered/Streetlighting	68	-	260,102	-	-	-	**260,102**
V03	Valley	Unmetered/Streetlighting	69	-	-	-	-	-	**-**
				-	-	-	-	-	**-**
T01	Tauranga	Unmetered/Streetlighting	71	-	-	103,661	-	-	**103,661**
T02	Tauranga	Unmetered/Streetlighting	72	-	317,899	-	-	-	**317,899**
T03	Tauranga	Unmetered/Streetlighting	73	-	-	-	-	-	**-**
					-				
Medium/Large Commercial					-				
V24	Valley	Commercial three phase 100A part of V25 but with rebate		-	-	1,522,943	-	-	**1,522,943**
V28	Valley	> 200 Amp up to 299 kVA merged with V27 & V29		-	-	215,929	-	-	**215,929**
V40	Valley	Individual ICP prices		-	-	-	-	1,508,471	**1,508,471**
V60	Valley	Individual ICP prices		-	-	-	-	5,768,860	**5,768,860**
V601	Kinleith			-	-	-	-	4,824,518	**4,824,518**
					-				
T22	Tauranga	Capacity 100 – 199kVA		-	-	1,301,661	-	-	**1,301,661**
T24	Tauranga	Capacity 200 -299kVA		-	-	155,517	-	-	**155,517**
T41	Tauranga	capacity 200 kVA unitised		-	-	454,544	-	-	**454,544**
T43	Tauranga	unitised (Closed to new connections)		-	-	-	-	-	**-**
T50	Tauranga	Individual ICP prices		-	-	-	-	4,046,765	**4,046,765**
T601	Tauranga	Individual ICP prices		-	-	-	-	3,542,331	**3,542,331**
				-	**578,001**	**40,963,949**	**-**	**19,690,945**	**61,232,894**