ANNUAL PRICE-SETTING COMPLIANCE STATEMENT

1 APRIL 2021

Aurora ENERGY

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1. Introduction

1.1. Context

1. Aurora Energy is subject to price-quality path regulation made under Part 4 of the Commerce Act 1986.

2. The Commerce Commission (Commission) regulates the maximum annual revenue Aurora Energy can earn from its customers and the minimum quality of service it must deliver. In June 2020, Aurora Energy applied to the Commission for a customised price-quality path (CPP) to ensure we can keep delivering a safe network, stabilise reliability, and address the emerging risks of an ageing network.

3. On 31 March 2021, the Commission published its final decision on our CPP application, along with the Aurora Energy Limited Electricity Distribution Customised Price-Quality Path Determination 2021[1] (Determination).

4. Given that the Determination was released after the requirement to set prices for the CPP Assessment Period ending 31 March 2022 (RY22), we relied on the [Draft] Aurora Energy Limited Electricity Distribution Customised Price-Quality Path Determination 2021[2] (Draft Determination) to calculate our Forecast Revenue from Prices for RY22, from which we then set prices. On 30 March 2021 we voluntarily published a price-setting statement (Price-setting Statement) which described how we determined our Forecast Revenue From Prices for RY22, in accordance with the Draft Determination.

5. Clause 11.1(a)(i) of the Determination now requires Aurora Energy to provide to the Commission an Annual Price-Setting Compliance Statement in respect of the first CPP Assessment Period, within 20 working days after the start of the first CPP Assessment Period. This price-setting compliance statement (Statement) has been prepared pursuant to that clause and confirms that Aurora Energy has determined its Forecast Revenue From Prices according to the Determination.

6. The Determination specifies that Forecast Revenue from Prices in RY22 cannot exceed $107,112,000, which is the same figure which applied in the Draft Determination. This means that the RY22 prices we set, which were compliant with the Draft Determination, are also compliant with the Determination. The RY22 Forecast Revenue from Prices stated in this Statement is the same as that in the Price-setting Statement.

1.2. Definitions

7. All capitalised terms used in this Statement have the meanings ascribed to them in the Determination or the Electricity Distribution Services Input Methodology Determination 2021 (IMs).

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1 Available from https://comcom.govt.nz/regulated-industries/electricity-lines/projects/our-assessment-of-aurora-energys-investment-plan

2 Ibid

Accordingly, this Statement must be read in conjunction with the Determination and, where necessary, the IMs.

1.3. Content of Statement

8. The content of this Statement is specified by the Determination. A matrix showing the relationship between the requirements set out in the Determination and the contents of this Statement can be found in Appendix A.

1.4. Certification

9. This Statement was prepared and certified in accordance with clause 11.3 of the Determination on 30 April 2021. A copy of the Director's Certificate can be found in Appendix B.

2. Assessment of Forecast Revenue From Prices

2.1. Statement of Compliance with Price Path

10. Aurora Energy's RY22 prices are compliant with the price path in clause 8.4 of the Determination for RY22.

11. Clause 8.4(a) of the Determination requires that Aurora Energy's Forecast Revenue From Prices must not exceed, for the first CPP Assessment Period, $107,112,000. RY22 is the first CPP Assessment Period.

12. Compliance is established in Table 1, below, which demonstrates that the Forecast Revenue From Prices for RY22 does not exceed $107,112,000.

Table 1: Assessment against the price path set out in the Determination

Assessment against the price path = Forecast Revenue From Prices$_{RY22}$ must not exceed $107,112,000	
Forecast Revenue From Prices$_{RY22}$	$107,111,798
Complies because Forecast Revenue From Prices is less than $107,112,000	

13. This Statement provides further information on the costs and assumptions that underpin Aurora Energy's forecasts. In particular:

- section 3 summarises the approach used in the calculation of Forecast Revenues from Prices; and
- section 4 summarises the approach used in the calculation of Forecast Allowable Revenue.

2.2. Revenue Deferred to Future Periods

14. Aurora Energy's Forecast Allowable Revenue for RY22 is greater than the Forecast Revenue From Prices for RY22. This means that there is surplus allowable revenue that cannot be recovered in RY22, and instead will be recovered from consumers in future regulatory periods. The surplus is shown as the 'forecast revenue deferred to future periods' in Table 2, although we note that the actual amount deferred will be based on Actual Allowable Revenue and Actual Revenue rather than these forecast amounts.

Table 2: Forecast revenue deferred to future periods

Forecast revenue deferred to future periods = Forecast Allowable Revenue$_{RY22}$ - Forecast Revenue from Prices$_{RY22}$	
Calculation components	Amount
Forecast Allowable Revenue$_{RY22}$	$117,884,558
Forecast Revenue From Prices$_{RY22}$	$107,111,798
Forecast revenue deferred to future periods	**$10,772,760**

3. Calculation of Forecast Revenue From Prices

15. Aurora Energy's Forecast Revenue From Prices is calculated by multiplying prices as at 1 April 2021 by forecast quantities for the year ended 31 March 2022, for each price category. The Determination requires that the forecasts are demonstrably reasonable.

16. The forecast quantities are derived by escalating the prior regulatory year's quantities by the growth assumption for each price category in each pricing area. Table 3, below, summarises the growth assumptions applied to quantities for the year ended 31 March 2021, to derive forecast quantities for the year ended 31 March 2022.

Table 3: Summary of growth assumptions applied to forecast quantities for the year ended 31 March 2022

Growth assumptions used to forecast quantities for the year ended 31 March 2022	Dunedin	Central Otago & Wanaka	Queenstown	Te Anau
Fixed Prices (Residential)	0.55%	3.09%	2.12%	6.40%
Fixed Prices (General)	0.33%	3.48%	3.70%	0.09%
Capacity Prices	-1.90%	4.01%	3.69%	7.66%
Control Period Demand Prices	-0.54%	4.92%	3.21%	-1.86%
Distance Prices	-0.67%	4.95%	5.69%	NA
Equipment Prices	-1.35%	14.39%	11.87%	NA
Other Prices	0.00%	0.00%	0.00%	NA
Variable Prices	0.36%	3.83%	1.36%	4.63%

17. The growth assumptions outlined in Table 3 have been calculated by observing historic trends. Further information on the quantity forecasting methodology is given in Appendix C.

18. A summary of Aurora Energy's Forecast Revenue From Prices is included in Table 4.

Table 4: Summary of Aurora Energy's Forecast Revenue From Prices

	Forecast Revenue From Prices		
Region	Distribution	Pass-through	Total
Dunedin	$44,946,717	$11,676,129	**$56,622,845**
Central Otago & Wanaka	$31,286,209	$(270,181)	**$31,016,029**
Queenstown	$15,538,365	$3,811,037	**$19,349,402**
Te Anau	$123,522	$-	**$123,522**
Total	**$91,894,813**	**$15,216,985**	**$107,111,798**

19. Full tables of the prices and forecast quantities that are used to derive the Forecast Revenue From Prices for each load group in each pricing area are set out in Appendix D.

4. Calculation of Forecast Allowable Revenue

20. Under the Determination, Aurora Energy's price path in RY22 is not explicitly impacted by its RY22 Forecast Allowable Revenue. Rather, clause 8.4(a) specifies that its Forecast Revenue from Prices cannot exceed $107,112,000, and this figure is stated in the Determination without reference to any underlying calculation.

21. However, for completeness, and to comply with clause 11.3(b)(iii) of the Determination, below we demonstrate a calculation of RY22 Forecast Allowable Revenue, consistent with the method specified in the Determination.

22. Aurora Energy's Forecast Allowable Revenue is calculated by:

- preparing a demonstrably reasonable forecast of Pass-through Costs and a demonstrably reasonable forecast of Recoverable Costs, excluding any Recoverable Cost that is a Revenue Wash-up Draw Down Amount; and
- applying the following formula:

Forecast Allowable Revenue = Forecast Net Allowable Revenue + Forecast Pass-through and Recoverable Costs + Opening Wash-up Account Balance

23. Aurora Energy's Forecast Allowable Revenue for RY22 is $117,884,558. The calculation of Forecast Allowable Revenue is provided in Table 5, below.

Table 5: Calculation of Forecast Allowable Revenue

Forecast Allowable Revenue$_{RY22}$ = Forecast Net Allowable Revenue + Forecast Pass-through and Recoverable Costs + Opening Wash-up Account Balance	
Calculation components	**Amount**
Forecast Net Allowable Revenue	$103,663,000
Forecast Pass-through and Recoverable Costs	$14,221,558
Opening Wash-up Account Balance	$-
Forecast Allowable Revenue $_{RY22}$	**$117,884,558**

24. The three components of Forecast Allowable Revenue for RY22 are described in more detail below.

4.1. Forecast Net Allowable Revenue

25. Forecast Net Allowable Revenue for RY22 is $103,663,000. Forecast Net Allowable Revenue is specified in Schedule 1.3 of the Determination.

4.2. Forecast Pass-Through and Recoverable Costs

26. Aurora Energy's Forecast Pass-through and Recoverable Costs for RY22 are $14,221,558. A breakdown of the Forecast Pass-through and Recoverable Costs is shown below at Table 6.

Table 6: Forecast Pass-through and Recoverable Costs for the year ending 31 March 2022

Forecast Pass-through and Recoverable Costs	CPP Assessment Period ended 31 March 2022
Forecast Pass-through costs	
Local Authority rates	$994,857
Commerce Act levies	$369,580
Electricity Authority levies	$290,583
Utilities Disputes levies	$61,722
Forecast Recoverable costs	
Opex Incentive Amount	$(15,363,403)
Capex Incentive Amount	$(1,450,589)
Transpower connection and interconnection costs - Dunedin	$12,655,590
Transpower connection and interconnection costs - Central	$9,192,030
Transpower new investment contract - Dunedin	$45,279
Transpower new investment contract - Central	$378,245
System Operator services	$-
Avoided Transmission Costs	$-
Distributed Generation Allowance	$5,073,874
Claw-back	$-
Standard application fee for a CPP proposal	$20,000
Commerce Commission assessment fee for a CPP proposal	$1,500,000[3]
Verifier fee under a CPP proposal	$677,923
Auditor's fee associated with a CPP proposal	$350,921
Engineer's fee associated with a CPP proposal	$-
Catastrophic Event Allowance	$-
Extended Reserve Allowance	$-

[3] The Commerce Commission's assessment fee for Aurora Energy's proposal has been forecast to be $1.5m based on advice received from the Commerce Commission. Any difference in the final notification of the CPP assessment fee will be reflected in the setting of prices for the CPP Assessment Period ending 31 March 2023.

Forecast Pass-through and Recoverable Costs	CPP Assessment Period ended 31 March 2022
Quality Incentive Adjustment	$(613,940)
Capex Wash-up	$-
Transmission asset wash-up adjustment	$-
2013-15 NPV wash-up allowance	$-
Reconsideration event allowance	$-
Engineer's fee associated with a proposal of quality standard variation	$-
Urgent Project Allowance	$-
Revenue wash-up draw down amount	$-
Fire and Emergency Management New Zealand (FENZ) levies	$38,886
Innovation Project Allowance	$-
Forecast Pass-through and Recoverable Costs	**$14,221,558**

27. Subclause (1)(a) of Schedule 1.4 of the Determination requires that all forecasts for Pass-through Costs and Recoverable Costs used to calculate Forecast Allowable Revenue must be demonstrably reasonable.

28. Table 7 and Table 8, below, summarise the methodology that Aurora Energy has applied to determine its forecasts of Pass-through and Recoverable Costs.

Table 7: Method of forecasting Pass-through Costs

Pass-Through Cost components	Forecasting methodology
Local Authority rates	Current rates paid by Aurora Energy are escalated by the expected rate increases published by each respective City/District Council in their Long-Term Plans.
Commerce Act levies	The RY22 levies have been estimated based on the information provided in the levy funding consultation papers published by the Commerce Commission in December 2020.
Electricity Authority levies	The RY22 levies have been estimated based on escalating the previous year's levies by the annual increase in CPI.
Utilities Disputes levies	Based on: – receiving the same number of complaints expected over RY22 as over the Assessment Period ending 31 March 2021 (RY21); – no change in the case related levies; – a CPI increase in the lines fixed levy; and

- 1% increase in the ICP count.

Table 8: Method of forecasting Recoverable costs

Recoverable Cost components	Forecasting methodology
Opex Incentive Amount	Calculated in accordance with clause 3.3.2 of the IMs.
Capex Incentive Amount	Calculated in accordance with clause 3.3.10 of the IMs.
Transpower connection and interconnection costs—Dunedin	As notified by Transpower.
Transpower connection and interconnection costs—Central	
Transpower new investment contract—Dunedin	
Transpower new investment—Central	
System Operator services	Forecast to be zero as Aurora Energy has not historically paid System Operator services.
Avoided Transmission Costs	Forecast to be zero as Aurora Energy has not historically incurred Avoided Transmission Costs.
Distributed Generation Allowance	As calculated by Aurora Energy and notified to qualifying distributed generators.
Claw-back	Forecast to be zero as the Commission has not applied any claw-back amounts under either section 54K(3) or section 53ZB(3) of the Act.
Standard application fee for a CPP proposal	Based on the Determination.
Commerce Commission assessment fee for a CPP proposal	Based on the Determination.
Verifier fee under a CPP proposal	Based on the Determination.
Auditor's fee associated with a CPP proposal	Based on the Determination.
Engineer's fee associated with a CPP proposal	Based on the Determination.
Catastrophic Event Allowance	Forecast to be zero as Aurora Energy does not expect to have a Catastrophic Event during the disclosure year.

Recoverable Cost components	Forecasting methodology
Extended Reserves Allowance	Forecast to be zero as Aurora Energy has not applied to the Commerce Commission for an allowance, per Schedule 5.2 of the Determination, in the disclosure year.
Quality Incentive Adjustment	Based on Aurora Energy's maximum revenue at risk— being 1% of the DPP2 maximum allowable revenue adjusted for the time value of money using the cost of debt—given that Aurora Energy exceeded its quality standards for the Assessment Period ending 31 March 2020.
Capex Wash-up	Forecast to be zero as the capex wash-up does not apply to the first CPP Assessment Period.
Transmission asset wash-up adjustment	Forecast to be zero as Aurora Energy does not intend to purchase any transmission assets during the disclosure year.
2013-15 NPV wash-up allowance	Not applicable as Aurora Energy was not granted a 2013-15 NPV wash-up allowance by the Commerce Commission.
Reconsideration event allowance	Forecast to be zero as Aurora Energy has not applied to the Commerce Commission for an allowance in the disclosure year.
Engineer fee associated with a proposal of quality standard variation	Forecast to be zero as, while Aurora Energy did apply for a quality standard variation during RY21, no engineer fee was incurred because the independent verifier's report prepared for the purpose of Aurora Energy's CPP application was relied upon for this purpose. This meant that no additional fee was incurred.
Urgent Project Allowance	Forecast as zero as there is no provision for this allowance in the Determination.
Revenue wash-up drawdown amount	Forecast to be zero as the revenue wash-up drawdown amount does not apply in the first CPP Assessment Period.
Fire and Emergency Management New Zealand (FENZ) levies	Based on the levies paid in RY21. No escalation has been applied.
Innovation Project Allowance	Forecast as zero as there is no provision for this allowance in the Determination.

29. In Aurora Energy's opinion, the above methods deliver demonstrably reasonable forecasts of Pass-through Costs and Recoverable Costs.

4.3. Opening Wash-up Account Balance

The Opening Wash-up Account Balance for RY22 is nil, as specified in clause (1)(a) of Schedule 1.6 of the Determination.

Appendix A. Compliance Matrix

This schedule demonstrates how this Statement complies with the Determination.

Determination Requirement	Determination Reference	Statement Reference
The annual price-setting compliance statement must:	Clause 11.3	
state:	Clause 11.3(a)	
whether or not Aurora complies with the price path in clause 8.4 for the CPP assessment period; and	Clause 11.3(a)(i)	Section 2.1
the date on which the statement was prepared;	Clause 11.3(a)(ii)	Section 1.4
include:	Clause 11.3(b)	
a certificate in the form set out in Schedule 6, signed by at least one director of Aurora;	Clause 11.3(b)(i)	Appendix B
Aurora's calculation of its forecast revenue from prices for the relevant CPP assessment period, together with supporting information for all components of the calculation;	Clause 11.3(b)(ii)	Section 3 and Appendix C
Aurora's calculation of its forecast allowable revenue together with supporting information for all components of the calculation;	Clause 11.3(b)(iii)	Section 4 and Appendix D
if Aurora has not complied with the price path, the reasons for the non-compliance; and	Clause 11.3(b)(iv)	Not applicable
if Aurora has not complied with the price path, any actions taken to mitigate any non-compliance and to prevent similar non-compliance in future CPP assessment periods.	Clause 11.3(b)(v)	Not applicable

Appendix B. DIRECTOR'S CERTIFICATE

Schedule 6 of the Determination

Certificate for annual price-setting compliance statement

Clause 11.3(b)(i)

We, Stephen Richard Thompson and Margaret Patricia Devlin, being directors of Aurora Energy Limited certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached annual price-setting compliance statement of Aurora Energy Limited, and related information, prepared for the purposes of the *Aurora Energy Limited Electricity Distribution Customised Price-Quality Path Determination 2021* 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.

Stephen Richard Thompson

Margaret Patricia Devlin

30 April 2021

Appendix C. Quantity Forecasting

C.1. Forecast Quantities as at 31 March 2022

Calculating Forecast Revenue From Prices as at 31 March 2022 requires Aurora Energy to prepare a forecast of quantities for RY22. Aurora Energy's prices have both fixed and variable components; accordingly, prices are set on forecast quantities of connections (ICPs), capacity (kVA), demand (kW), and electricity consumption (kWh).

Connection and consumption forecasts use a bottom-up approach for each load group in each pricing area. Connections, consumption, and demand forecasts are determined by escalating the quantities for RY21 in each pricing area.

The following growth assumptions have been used for each pricing area:

- smoothed historic growth trend: To moderate the impact of Covid19 and volatile levels of historic growth in the Queenstown-Lakes District, historic data has been smoothed by removing outliers. This method first removes the highest and lowest growth rates from the previous five-year period, and then averages the remaining three values;
- historic growth trend: For pricing categories that are less volatile to short-term fluctuations a simple compounded average growth rate from the previous three-years has been used to escalate quantities. This method has been applied to Capacity Prices, Distance Prices, and Equipment Prices; and
- no escalation: Aurora Energy has chosen not to apply an escalation to "Other Prices" as these are generally rebates (i.e., adjustments) made to specific ICPs, and the basis on which those rebates were set do not change year-on-year.

Table 9, below, sets out the assumptions that have been applied for each price category.

Table 9: Growth assumptions by price category

Price category	Assumption
Fixed Prices (Residential)	Smoothed historic growth trend
Fixed Prices (General)	Smoothed historic growth trend
Capacity Prices	Historic growth trend
Control Period Demand Prices	Smoothed historic growth trend
Distance Prices	Historic growth trend
Equipment Prices	Historic growth trend
Other Prices	No escalation
Variable Prices	Smoothed historic growth trend

C.2. Forecast quantities as at 31 March 2021

Calculating Forecast Revenue From Prices as at 31 March 2022 requires Aurora Energy to prepare a forecast of quantities for RY22 by escalating the forecast quantities for RY21.

To forecast the quantities for RY21, capacity and demand quantities are calculated by using actual quantities as at 31 October 2020, and forecasting to the year-end using a year on year growth trend, normalised for the impact of the Covid19 lockdown period.

Appendix D. Prices and Forecast Quantities for Prices Effective 1 April 2021

The tables in this attachment are Aurora Energy's prices and forecast quantities.

D.1. Dunedin

Table 10, below, provides:

- forecast quantities, as at 31 March 2022;
- distribution and pass-through prices, as at 1 April 2021; and
- forecast distribution and pass-through revenues, as at 31 March 2022

for the Dunedin pricing area.

Table 10: Price-quantity calculations for the period ending 31 March 2022 - Dunedin

Area	Load Group	Description	Charge Type	Forecast Quantities for the year ending 31 March 2022	Distribution Price	Pass-through and Recoverable Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2022
Fixed charges - Dunedin		**Fixed charges**							
Dunedin	Residential 15	HWB/SDNResidential 15TOTAL	Number	17,814,938	$ 0.1500	$ -	$ 2,672,241	$ -	**$ 2,672,241**
Dunedin	Residential 8	HWB/SDNResidential 8TOTAL	Number	195,724	$ 0.0410	$ -	$ 8,025	$ -	**$ 8,025**
Dunedin	Unmetered Supply	HWB/SDNUnmetered Supply	Number	736	$ 0.0612	$ -	$ 45	$ -	**$ 45**
Dunedin	L0	HWB/SDNLoad Group 0TOTAL	Number	34,036	$ 0.4983	$ 0.0724	$ 16,960	$ 2,464	**$ 19,424**
Dunedin	L0A	HWB/SDNLoad Group 0ATOTAL	Number	52,452	$ 1.0346	$ 0.1952	$ 54,267	$ 10,239	**$ 64,505**
Dunedin	Load Group 1A	HWB/SDNLoad Group 1ATOTAL	Number	150,239	$ 0.0461	$ -	$ 6,926	$ -	**$ 6,926**
Dunedin	Load Group 1A	HWB/SDNLoad Group 1ACAPACITY TOTAL	Total Capacity kVA	1,193,013	$ 0.0635	-$ 0.0099	$ 75,756	-$ 11,811	**$ 63,945**
Dunedin	Load Group 1A	HWB/SDNLoad Group 1ACPD TOTAL	Total CPD kW	136,103	$ 0.3773	$ 0.2817	$ 51,352	$ 38,340	**$ 89,692**
Dunedin	Load Group 1	HWB/SDNLoad Group 1TOTAL	Number	1,066,580	$ 0.0461	$ -	$ 49,169	$ -	**$ 49,169**
Dunedin	Load Group 1	HWB/SDNLoad Group 1CAPACITY TOTAL	Total Capacity kVA	15,878,504	$ 0.0567	-$ 0.0070	$ 900,311	-$ 111,150	**$ 789,162**
Dunedin	Load Group 1	HWB/SDNLoad Group 1CPD TOTAL	Total CPD kW	2,547,544	$ 0.3773	$ 0.2817	$ 961,188	$ 717,643	**$ 1,678,831**
Dunedin	Load Group 2	HWB/SDNLoad Group 2TOTAL	Number	1,143,591	$ 0.0952	$ -	$ 108,870	$ -	**$ 108,870**
Dunedin	Load Group 2	HWB/SDNLoad Group 2CAPACITY TOTAL	Total Capacity kVA	57,968,298	$ 0.0692	-$ 0.0181	$ 4,011,406	-$ 1,049,226	**$ 2,962,180**
Dunedin	Load Group 2	HWB/SDNLoad Group 2CPD TOTAL	Total CPD kW	8,821,938	$ 0.3773	$ 0.2817	$ 3,328,517	$ 2,485,140	**$ 5,813,657**
Dunedin	Load Group 3	HWB/SDNLoad Group 3TOTAL	Number	37,508	$ 1.7170	$ -	$ 64,401	$ -	**$ 64,401**
Dunedin	Load Group 3	HWB/SDNLoad Group 3CAPACITY TOTAL	Total Capacity kVA	7,302,169	$ 0.1161	-$ 0.0322	$ 847,782	-$ 235,130	**$ 612,652**
Dunedin	Load Group 3	HWB/SDNLoad Group 3KVA KM	Total KVA-KM	40,568,928	$ 0.0011	$ -	$ 44,626	$ -	**$ 44,626**
Dunedin	Load Group 3	HWB/SDNLoad Group 3CPD TOTAL	Total CPD kW	1,921,075	$ 0.2550	$ 0.2795	$ 489,874	$ 536,940	**$ 1,026,815**
Dunedin	Load Group 3A	HWB/SDNLoad Group 3ATOTAL	Number	33,490	$ 1.7170	$ -	$ 57,502	$ -	**$ 57,502**
Dunedin	Load Group 3A	HWB/SDNLoad Group 3ACAPACITY TOTAL	Total Capacity kVA	10,160,521	$ 0.1045	-$ 0.0322	$ 1,061,774	-$ 327,169	**$ 734,606**
Dunedin	Load Group 3A	HWB/SDNLoad Group 3AKVA KM	Total KVA-KM	54,051,083	$ 0.0011	$ -	$ 59,456	$ -	**$ 59,456**
Dunedin	Load Group 3A	HWB/SDNLoad Group 3ACPD TOTAL	Total CPD kW	3,249,483	$ 0.2550	$ 0.2795	$ 828,618	$ 908,230	**$ 1,736,849**
Dunedin	Load Group 4	HWB/SDNLoad Group 4TOTAL	Number	27,214	$ 4.4835	$ -	$ 122,014	$ -	**$ 122,014**
Dunedin	Load Group 4	HWB/SDNLoad Group 4CAPACITY TOTAL	Total Capacity kVA	19,286,135	$ 0.0569	-$ 0.0070	$ 1,097,381	-$ 135,003	**$ 962,378**
Dunedin	Load Group 4	HWB/SDNLoad Group 4KVA KM	Total KVA-KM	108,058,993	$ 0.0011	$ -	$ 118,865	$ -	**$ 118,865**
Dunedin	Load Group 4	HWB/SDNLoad Group 4CPD TOTAL	Total CPD kW	5,465,103	$ 0.2186	$ 0.2795	$ 1,194,672	$ 1,527,496	**$ 2,722,168**
Dunedin	Load Group 5	HWB/SDNLoad Group 5TOTAL	Number	2,570	$ 4.4835	$ -	$ 11,523	$ -	**$ 11,523**
Dunedin	Load Group 5	HWB/SDNLoad Group 5CAPACITY TOTAL	Total Capacity kVA	7,963,405	$ 0.0382	-$ 0.0087	$ 304,202	-$ 69,282	**$ 234,920**
Dunedin	Load Group 5	HWB/SDNLoad Group 5KVA KM	Total KVA-KM	49,911,893	$ 0.0011	$ -	$ 54,903	$ -	**$ 54,903**
Dunedin	Load Group 5	HWB/SDNLoad Group 5CPD TOTAL	Total CPD kW	2,367,510	$ 0.1403	$ 0.2795	$ 332,162	$ 661,719	**$ 993,881**
Dunedin	Other Charges	HWB/SDNLoad Group OTHER TOTAL	Other Charge ($)	27,112	$ 1.0000	$ -	$ 27,112	$ -	**$ 27,112**
Dunedin	Transformer Charges	HWB/SDNLoad Group TRANS TOTAL	Other Charge ($)	465,400	$ 1.0000	$ -	$ 465,400	$ -	**$ 465,400**
Dunedin	Street Lighting	Street Lighting - SDN	Fixed	366	$ 407.2000	$ 69.6500	$ 149,035	$ 25,492	**$ 174,527**
Dunedin	Street Lighting	Street Lighting - HWB	Fixed	366	$ 800.3700	$ 53.8400	$ 292,935	$ 19,705	**$ 312,641**
Dunedin	Non-Standard	Generation	Fixed	1	$ 132,649	$ -	$ 132,649	$ -	**$ 132,649**
Variable charges - Dunedin		**Variable charges**							
Dunedin	Residential DN	Uncontrolled - Summer	kWh	17,797,759	$ 0.0954	$ 0.0046	$ 1,697,906	$ 81,870	**$ 1,779,776**
Dunedin	Residential DN	Uncontrolled - Winter	kWh	22,490,575	$ 0.1088	$ 0.0437	$ 2,446,975	$ 982,838	**$ 3,429,813**
Dunedin	Residential DN	All Inclusive - Summer Day	kWh	1,118,069	$ 0.0872	$ 0.0015	$ 97,496	$ 1,677	**$ 99,173**
Dunedin	Residential DN	All Inclusive - Winter Day	kWh	1,372,130	$ 0.0926	$ 0.0409	$ 127,059	$ 56,120	**$ 183,179**
Dunedin	Residential DN	All Inclusive - Night	kWh	1,357,352	$ 0.0065	$ -	$ 8,823	$ -	**$ 8,823**
Dunedin	Residential DN	All Inclusive - Summer	kWh	157,857,445	$ 0.0470	$ 0.0129	$ 7,419,300	$ 2,036,361	**$ 9,455,661**
Dunedin	Residential DN	All Inclusive - Winter	kWh	187,246,278	$ 0.0697	$ 0.0187	$ 13,051,066	$ 3,501,505	**$ 16,552,571**
Dunedin	Residential DN	Night Boost	kWh	1,506,107	$ 0.0244	$ 0.0066	$ 36,749	$ 9,940	**$ 46,689**
Dunedin	Residential DN	Night Only	kWh	2,694,200	$ 0.0065	$ -	$ 17,512	$ -	**$ 17,512**
Dunedin	Unmetered Supply DN	DUML Volumetric Price	kWh	3,842	$ 0.0218	$ 0.0059	$ 84	$ 23	**$ 106**
Dunedin	Residential DN	Controlled	kWh	1,394,265	$ 0.0300	$ 0.0080	$ 41,828	$ 11,154	**$ 52,982**
						Total Dunedin	$ 44,946,717	$ 11,676,129	**$ 56,622,845**

D.2. CENTRAL OTAGO AND WANAKA

Table 11, below, provides:

- forecast quantities, as at 31 March 2022;
- distribution and pass-through prices, as at 1 April 2021; and
- forecast distribution and pass-through revenues as at 31 March 2022

for the Central Otago and Wanaka pricing area.

Table 11: Price-quantity calculations for the period ending 31 March 2022 - Central Otago and Wanaka

Area	Load Group	Description	Charge Type	Forecast Quantities for the year ending 31 March 2022	Distribution Price	Pass-through and Recoverable Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2022
Fixed charges - Clyde/Cromwell		**Fixed charges**							
Clyde/Cromwell	Residential 15	CYD/CMLResidential 15TOTAL	Number	6,452,386	$ 0.1500	$ -	$ 967,858	$ -	**$ 967,858**
Clyde/Cromwell	Residential 8	CYD/CMLResidential 8TOTAL	Number	32,615	$ 0.0410	$ -	$ 1,337	$ -	**$ 1,337**
Clyde/Cromwell	L0	CYD/CMLLoad Group 0TOTAL	Number	39,702	$ 0.6750	-$ 0.0850	$ 26,799	-$ 3,375	**$ 23,424**
Clyde/Cromwell	L0A	CYD/CMLLoad Group 0ATOTAL	Number	133,604	$ 1.2872	-$ 0.1738	$ 171,975	-$ 23,220	**$ 148,755**
Clyde/Cromwell	Load Group 1A	CYD/CMLLoad Group 1ATOTAL	Number	118,215	$ 0.0475	$ -	$ 5,615	$ -	**$ 5,615**
Clyde/Cromwell	Load Group 1A	CYD/CMLLoad Group 1ACAPACITY TOTAL	Total Capacity kVA	954,115	$ 0.0872	-$ 0.0143	$ 83,199	-$ 13,644	**$ 69,555**
Clyde/Cromwell	Load Group 1A	CYD/CMLLoad Group 1ACPD TOTAL	Total CPD kW	122,678	$ 0.6007	$ 0.2734	$ 73,693	$ 33,540	**$ 107,233**
Clyde/Cromwell	Load Group 1	CYD/CMLLoad Group 1TOTAL	Number	661,302	$ 0.0475	$ -	$ 31,412	$ -	**$ 31,412**
Clyde/Cromwell	Load Group 1	CYD/CMLLoad Group 1CAPACITY TOTAL	Total Capacity kVA	10,004,801	$ 0.0669	-$ 0.0210	$ 669,321	-$ 210,101	**$ 459,220**
Clyde/Cromwell	Load Group 1	CYD/CMLLoad Group 1CPD TOTAL	Total CPD kW	1,486,138	$ 0.6006	$ 0.2734	$ 892,574	$ 406,310	**$ 1,298,885**
Clyde/Cromwell	Load Group 2	CYD/CMLLoad Group 2TOTAL	Number	730,107	$ 0.0990	$ -	$ 72,281	$ -	**$ 72,281**
Clyde/Cromwell	Load Group 2	CYD/CMLLoad Group 2CAPACITY TOTAL	Total Capacity kVA	37,496,313	$ 0.0857	-$ 0.0195	$ 3,213,434	-$ 731,178	**$ 2,482,256**
Clyde/Cromwell	Load Group 2	CYD/CMLLoad Group 2CPD TOTAL	Total CPD kW	4,262,528	$ 0.5237	$ 0.2013	$ 2,232,286	$ 858,047	**$ 3,090,333**
Clyde/Cromwell	Load Group 3	CYD/CMLLoad Group 3TOTAL	Number	33,021	$ 1.8995	$ -	$ 62,723	$ -	**$ 62,723**
Clyde/Cromwell	Load Group 3	CYD/CMLLoad Group 3CAPACITY TOTAL	Total Capacity kVA	6,165,227	$ 0.0866	-$ 0.0250	$ 533,909	-$ 154,131	**$ 379,778**
Clyde/Cromwell	Load Group 3	CYD/CMLLoad Group 3KVA KM	Total KVA-KM	194,664,200	$ 0.0013	$ -	$ 253,063	$ -	**$ 253,063**
Clyde/Cromwell	Load Group 3	CYD/CMLLoad Group 3CPD TOTAL	Total CPD kW	998,037	$ 0.5560	$ 0.1732	$ 554,909	$ 172,860	**$ 727,769**
Clyde/Cromwell	Load Group 3A	CYD/CMLLoad Group 3ATOTAL	Number	19,397	$ 1.8995	$ -	$ 36,845	$ -	**$ 36,845**
Clyde/Cromwell	Load Group 3A	CYD/CMLLoad Group 3ACAPACITY TOTAL	Total Capacity kVA	5,818,814	$ 0.0862	-$ 0.0250	$ 501,582	-$ 145,470	**$ 356,111**
Clyde/Cromwell	Load Group 3A	CYD/CMLLoad Group 3AKVA KM	Total KVA-KM	176,050,048	$ 0.0013	$ -	$ 228,865	$ -	**$ 228,865**
Clyde/Cromwell	Load Group 3A	CYD/CMLLoad Group 3ACPD TOTAL	Total CPD kW	853,304	$ 0.5560	$ 0.1732	$ 474,437	$ 147,792	**$ 622,229**
Clyde/Cromwell	Load Group 4	CYD/CMLLoad Group 4TOTAL	Number	14,443	$ 4.9848	$ -	$ 71,995	$ -	**$ 71,995**
Clyde/Cromwell	Load Group 4	CYD/CMLLoad Group 4CAPACITY TOTAL	Total Capacity kVA	9,998,166	$ 0.0927	-$ 0.0246	$ 926,830	-$ 245,955	**$ 680,875**
Clyde/Cromwell	Load Group 4	CYD/CMLLoad Group 4KVA KM	Total KVA-KM	374,251,117	$ 0.0013	$ -	$ 486,526	$ -	**$ 486,526**
Clyde/Cromwell	Load Group 4	CYD/CMLLoad Group 4CPD TOTAL	Total CPD kW	1,459,655	$ 0.4962	$ 0.1732	$ 724,281	$ 252,812	**$ 977,093**
Clyde/Cromwell	Load Group 5	CYD/CMLLoad Group 5TOTAL	Number	379	$ 4.9848	$ -	$ 1,889	$ -	**$ 1,889**
Clyde/Cromwell	Load Group 5	CYD/CMLLoad Group 5CAPACITY TOTAL	Total Capacity kVA	951,696	$ 0.0620	-$ 0.0257	$ 59,005	-$ 24,459	**$ 34,547**
Clyde/Cromwell	Load Group 5	CYD/CMLLoad Group 5KVA KM	Total KVA-KM	63,284,078	$ 0.0013	$ -	$ 82,269	$ -	**$ 82,269**
Clyde/Cromwell	Load Group 5	CYD/CMLLoad Group 5CPD TOTAL	Total CPD kW	40,321	$ 0.4962	$ 0.1732	$ 20,007	$ 6,984	**$ 26,991**
Clyde/Cromwell	Other Charges	CYD/CMLLoad Group OTHER TOTAL	Other Charge ($)	- 8,766	$ 1.0000	$ -	-$ 8,766	$ -	**-$ 8,766**
Clyde/Cromwell	Transformer Charges	CYD/CMLLoad Group TRANS TOTAL	Other Charge ($)	204,382	$ 1.0000	$ -	$ 204,382	$ -	**$ 204,382**
Clyde/Cromwell	Non-Standard	Generation	Number	1	$ 440,383	$ -	$ 440,383	$ -	**$ 440,383**
Clyde/Cromwell	Non-Standard	Generation	Number	1	$ 27,997	$ -	$ 27,997	$ -	**$ 27,997**
Variable charges - Clyde/Cromwell		**Variable Charges**							
Clyde/Cromwell	Residential CYD/CML	Uncontrolled - Summer	kWh	42,623,086	$ 0.1297	-$ 0.0069	$ 5,528,214	-$ 294,099	**$ 5,234,115**
Clyde/Cromwell	Residential CYD/CML	Uncontrolled - Winter	kWh	52,572,723	$ 0.1793	-$ 0.0046	$ 9,426,289	-$ 241,835	**$ 9,184,455**
Clyde/Cromwell	Residential CYD/CML	Night Boost (13hr)	kWh	714,805	$ 0.0770	-$ 0.0027	$ 55,040	-$ 1,930	**$ 53,110**
Clyde/Cromwell	Residential CYD/CML	Night Boost (11hr)	kWh	2,060,051	$ 0.0630	-$ 0.0022	$ 129,783	-$ 4,532	**$ 125,251**
Clyde/Cromwell	Residential CYD/CML	Controlled (16hr)	kWh	26,303,648	$ 0.0685	-$ 0.0021	$ 1,801,800	-$ 55,238	**$ 1,746,562**
Clyde/Cromwell	Residential CYD/CML	Night Only	kWh	1,377,220	$ 0.0539	$ -	$ 74,232	$ -	**$ 74,232**
Clyde/Cromwell	Residential CYD/CML	Controlled (20hr)	kWh	193,166	$ 0.0946	-$ 0.0033	$ 18,274	-$ 637	**$ 17,636**
Clyde/Cromwell	Street Lighting kWh CYD/CM	Street Lighting - Volumetric Price	kWh	1,277,394	$ 0.0514	$ 0.0010	$ 65,658	$ 1,277	**$ 66,935**
Clyde/Cromwell	Street Lighting Lamps CYD/C	Street Lighting - Daily Fixed Price	#lamps	1,648,992	$ 0.0376	$ -	$ 62,002	$ -	**$ 62,002**
					Total Central Otago & Wanaka		$ 31,286,209	-$ 270,181	**$ 31,016,029**

D.3. QUEENSTOWN

Table 12, below, provides:

- forecast quantities, as at 31 March 2022;
- distribution and pass-through prices, as at 1 April 2021; and
- forecast distribution and pass-through revenues, as at 31 March 2022

for the Queenstown pricing area.

Table 12: Price-quantity calculations for the period ending 31 March 2022 - Queenstown

Area	Load Group	Description	Charge Type	Forecast Quantities for the year ending 31 March 2022	Distribution Price	Pass-through and Recoverable Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2022
Fixed charges - Frankton		**Fixed charges**							
Frankton	Residential 15	FKNResidential 15TOTAL	Number	3,542,615	$ 0.1500	$ -	$ 531,392	$ -	**$ 531,392**
Frankton	Residential 8	FKNResidential 8TOTAL	Number	38,214	$ 0.0410	$ -	$ 1,567	$ -	**$ 1,567**
Frankton	Load Group 0	FKNLoad Group 0TOTAL	Number	33,511	$ 0.4441	$ 0.2010	$ 14,882	$ 6,736	**$ 21,618**
Frankton	Load Group 0A	FKNLoad Group 0ATOTAL	Number	65,163	$ 0.8045	$ 0.4776	$ 52,424	$ 31,122	**$ 83,545**
Frankton	Load Group 1A	FKNLoad Group 1ATOTAL	Number	61,436	$ 0.0419	$ -	$ 2,574	$ -	**$ 2,574**
Frankton	Load Group 1A	FKNLoad Group 1ACAPACITY TOTAL	Total Capacity kVA	498,691	$ 0.0556	-$ 0.0131	$ 27,727	-$ 6,533	**$ 21,194**
Frankton	Load Group 1A	FKNLoad Group 1ACPD TOTAL	Total CPD kW	66,646	$ 0.2630	$ 0.2468	$ 17,528	$ 16,448	**$ 33,976**
Frankton	Load Group 1	FKNLoad Group 1TOTAL	Number	321,803	$ 0.0419	$ -	$ 13,484	$ -	**$ 13,484**
Frankton	Load Group 1	FKNLoad Group 1CAPACITY TOTAL	Total Capacity kVA	4,898,999	$ 0.0520	-$ 0.0131	$ 254,748	-$ 64,177	**$ 190,571**
Frankton	Load Group 1	FKNLoad Group 1CPD TOTAL	Total CPD kW	1,045,264	$ 0.2630	$ 0.2468	$ 274,904	$ 257,971	**$ 532,876**
Frankton	Load Group 2	FKNLoad Group 2TOTAL	Number	564,294	$ 0.0654	$ -	$ 36,905	$ -	**$ 36,905**
Frankton	Load Group 2	FKNLoad Group 2CAPACITY TOTAL	Total Capacity kVA	26,123,095	$ 0.0627	-$ 0.0141	$ 1,637,918	-$ 368,336	**$ 1,269,582**
Frankton	Load Group 2	FKNLoad Group 2CPD TOTAL	Total CPD kW	4,383,799	$ 0.3128	$ 0.2686	$ 1,371,252	$ 1,177,488	**$ 2,548,741**
Frankton	Load Group 3	FKNLoad Group 3TOTAL	Number	9,218	$ 1.5170	$ -	$ 13,984	$ -	**$ 13,984**
Frankton	Load Group 3	FKNLoad Group 3CAPACITY TOTAL	Total Capacity kVA	1,740,427	$ 0.1478	-$ 0.0133	$ 257,235	-$ 23,148	**$ 234,087**
Frankton	Load Group 3	FKNLoad Group 3KVA KM	Total KVA-KM	25,437,503	$ 0.0011	$ -	$ 27,981	$ -	**$ 27,981**
Frankton	Load Group 3	FKNLoad Group 3CPD TOTAL	Total CPD kW	427,542	$ 0.2012	$ 0.1691	$ 86,021	$ 72,297	**$ 158,319**
Frankton	Load Group 3A	FKNLoad Group 3ATOTAL	Number	10,731	$ 1.5170	$ -	$ 16,279	$ -	**$ 16,279**
Frankton	Load Group 3A	FKNLoad Group 3ACAPACITY TOTAL	Total Capacity kVA	3,173,326	$ 0.1351	-$ 0.0133	$ 428,716	-$ 42,205	**$ 386,511**
Frankton	Load Group 3A	FKNLoad Group 3AKVA KM	Total KVA-KM	49,862,981	$ 0.0011	$ -	$ 54,849	$ -	**$ 54,849**
Frankton	Load Group 3A	FKNLoad Group 3ACPD TOTAL	Total CPD kW	768,517	$ 0.2012	$ 0.1691	$ 154,626	$ 129,956	**$ 284,582**
Frankton	Load Group 4	FKNLoad Group 4TOTAL	Number	7,361	$ 3.9873	$ -	$ 29,351	$ -	**$ 29,351**
Frankton	Load Group 4	FKNLoad Group 4CAPACITY TOTAL	Total Capacity kVA	5,640,532	$ 0.0734	-$ 0.0003	$ 414,015	-$ 1,692	**$ 412,323**
Frankton	Load Group 4	FKNLoad Group 4KVA KM	Total KVA-KM	65,510,133	$ 0.0011	$ -	$ 72,061	$ -	**$ 72,061**
Frankton	Load Group 4	FKNLoad Group 4CPD TOTAL	Total CPD kW	1,727,022	$ 0.2320	$ 0.1691	$ 400,669	$ 292,039	**$ 692,709**
Frankton	Load Group 5	FKNLoad Group 5TOTAL	Number	-	$ 3.9873	$ -	$ -	$ -	**$ -**
Frankton	Load Group 5	FKNLoad Group 5CAPACITY TOTAL	Total Capacity kVA	-	$ 0.0175	-$ 0.0013	$ -	$ -	**$ -**
Frankton	Load Group 5	FKNLoad Group 5KVA KM	Total KVA-KM	-	$ 0.0011	$ -	$ -	$ -	**$ -**
Frankton	Load Group 5	FKNLoad Group 5CPD TOTAL	Total CPD kW	-	$ 0.1594	$ 0.1691	$ -	$ -	**$ -**
Frankton	Other Charges	FKNLoad Group OTHER TOTAL	Other Charge ($)	- 1,512	$ 1.0000	$ -	-$ 1,512	$ -	**-$ 1,512**
Frankton	Transformer Charges	FKNLoad Group TRANS TOTAL	Other Charge ($)	139,985	$ 1.0000	$ -	$ 139,985	$ -	**$ 139,985**
Frankton	Non-Standard	Generation	Number	1	$ 27,452	$ -	$ 27,452	$ -	**$ 27,452**
Frankton	Non-Standard	Non-Standard	Number	1	$ 89,651	$ 115,532	$ 89,651	$ 115,532	**$ 205,183**
Variable charges - Frankton		**Variable Charges**							
Frankton	Residential FKN	Uncontrolled - Summer	kWh	25,670,149	$ 0.0880	$ 0.0034	$ 2,258,973	$ 87,279	**$ 2,346,252**
Frankton	Residential FKN	Uncontrolled - Winter	kWh	38,623,192	$ 0.1071	$ 0.0364	$ 4,136,544	$ 1,405,884	**$ 5,542,428**
Frankton	Residential FKN	Night Boost (13hr)	kWh	1,745,424	$ 0.0331	$ 0.0075	$ 57,774	$ 13,091	**$ 70,864**
Frankton	Residential FKN	Night Boost (11hr)	kWh	1,185,268	$ 0.0202	$ 0.0047	$ 23,942	$ 5,571	**$ 29,513**
Frankton	Residential FKN	Controlled (16hr)	kWh	19,322,616	$ 0.0225	$ 0.0052	$ 434,759	$ 100,478	**$ 535,236**
Frankton	Residential FKN	Night Only	kWh	802,339	$ 0.0144	$ -	$ 11,554	$ -	**$ 11,554**
Frankton	Residential FKN	Controlled (20hr)	kWh	245,797	$ 0.0507	$ 0.0115	$ 12,462	$ 2,827	**$ 15,289**
Frankton	Street Lighting kWh FKN	Street Lighting - Volumetric Price	kWh	948,761	$ 0.0139	$ 0.0033	$ 13,188	$ 3,131	**$ 16,319**
Frankton	Street Lighting Lamps FKN	Street Lighting - Daily Fixed Price	#lamps	1,035,495	$ 0.0394	$ -	$ 40,799	$ -	**$ 40,799**

Area	Load Group	Description	Charge Type	Forecast Quantities for the year ending 31 March 2022	Distribution Price	Pass-through and Recoverable Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2022
Fixed charges - Frankton Sub		**Fixed charges**							
Frankton Sub	Residential 15	FKN SUBResidential 15TOTAL	Number	489,744	$ 0.1500	$ -	$ 73,462	$ -	**$ 73,462**
Frankton Sub	Residential 8	FKN SUBResidential 8TOTAL	Number	748	$ 0.0410	$ -	$ 31	$ -	**$ 31**
Frankton Sub	Load Group 0	FKN SUBLoad Group 0TOTAL	Number	5,318	$ 0.4441	$ 0.2010	$ 2,362	$ 1,069	**$ 3,431**
Frankton Sub	Load Group 0A	FKN SUBLoad Group 0ATOTAL	Number	4,955	$ 0.8045	$ 0.4776	$ 3,986	$ 2,367	**$ 6,353**
Frankton Sub	Load Group 1A	FKN SUBLoad Group 1ATOTAL	Number	5,212	$ 0.0419	$ -	$ 218	$ -	**$ 218**
Frankton Sub	Load Group 1A	FKN SUBLoad Group 1ACAPACITY TOTAL	Total Capacity kVA	42,333	$ 0.0556	-$ 0.0131	$ 2,354	-$ 555	**$ 1,799**
Frankton Sub	Load Group 1A	FKN SUBLoad Group 1ACPD TOTAL	Total CPD kW	6,267	$ 0.2630	$ 0.2468	$ 1,648	$ 1,547	**$ 3,195**
Frankton Sub	Load Group 1	FKN SUBLoad Group 1TOTAL	Number	80,055	$ 0.0419	$ -	$ 3,354	$ -	**$ 3,354**
Frankton Sub	Load Group 1	FKN SUBLoad Group 1CAPACITY TOTAL	Total Capacity kVA	1,219,230	$ 0.0521	-$ 0.0131	$ 63,522	-$ 15,972	**$ 47,550**
Frankton Sub	Load Group 1	FKN SUBLoad Group 1CPD TOTAL	Total CPD kW	274,732	$ 0.2630	$ 0.2468	$ 72,255	$ 67,804	**$ 140,058**
Frankton Sub	Load Group 2	FKN SUBLoad Group 2TOTAL	Number	77,107	$ 0.0596	$ -	$ 4,596	$ -	**$ 4,596**
Frankton Sub	Load Group 2	FKN SUBLoad Group 2CAPACITY TOTAL	Total Capacity kVA	3,764,552	$ 0.0572	-$ 0.0141	$ 215,332	-$ 53,080	**$ 162,252**
Frankton Sub	Load Group 2	FKN SUBLoad Group 2CPD TOTAL	Total CPD kW	656,945	$ 0.2851	$ 0.2686	$ 187,295	$ 176,455	**$ 363,750**
Frankton Sub	Load Group 3	FKN SUBLoad Group 3TOTAL	Number	3,042	$ 1.2383	$ -	$ 3,767	$ -	**$ 3,767**
Frankton Sub	Load Group 3	FKN SUBLoad Group 3CAPACITY TOTAL	Total Capacity kVA	588,088	$ 0.1207	-$ 0.0133	$ 70,982	-$ 7,822	**$ 63,161**
Frankton Sub	Load Group 3	FKN SUBLoad Group 3KVA KM	Total KVA-KM	1,498,492	$ 0.0011	$ -	$ 1,648	$ -	**$ 1,648**
Frankton Sub	Load Group 3	FKN SUBLoad Group 3CPD TOTAL	Total CPD kW	192,334	$ 0.1643	$ 0.1691	$ 31,600	$ 32,524	**$ 64,124**
Frankton Sub	Load Group 3A	FKN SUBLoad Group 3ATOTAL	Number	3,207	$ 1.2383	$ -	$ 3,971	$ -	**$ 3,971**
Frankton Sub	Load Group 3A	FKN SUBLoad Group 3ACAPACITY TOTAL	Total Capacity kVA	1,019,198	$ 0.1104	-$ 0.0133	$ 112,519	-$ 13,555	**$ 98,964**
Frankton Sub	Load Group 3A	FKN SUBLoad Group 3AKVA KM	Total KVA-KM	3,846,563	$ 0.0011	$ -	$ 4,231	$ -	**$ 4,231**
Frankton Sub	Load Group 3A	FKN SUBLoad Group 3ACPD TOTAL	Total CPD kW	268,315	$ 0.1643	$ 0.1691	$ 44,084	$ 45,372	**$ 89,456**
Frankton Sub	Load Group 4	FKN SUBLoad Group 4TOTAL	Number	3,036	$ 3.0552	$ -	$ 9,276	$ -	**$ 9,276**
Frankton Sub	Load Group 4	FKN SUBLoad Group 4CAPACITY TOTAL	Total Capacity kVA	1,802,577	$ 0.0564	-$ 0.0003	$ 101,665	-$ 541	**$ 101,125**
Frankton Sub	Load Group 4	FKN SUBLoad Group 4KVA KM	Total KVA-KM	3,766,735	$ 0.0011	$ -	$ 4,143	$ -	**$ 4,143**
Frankton Sub	Load Group 4	FKN SUBLoad Group 4CPD TOTAL	Total CPD kW	649,003	$ 0.1781	$ 0.1691	$ 115,587	$ 109,746	**$ 225,334**
Frankton Sub	Load Group 5	FKN SUBLoad Group 5TOTAL	Number	86	$ 3.0552	$ -	$ 263	$ -	**$ 263**
Frankton Sub	Load Group 5	FKN SUBLoad Group 5CAPACITY TOTAL	Total Capacity kVA	215,148	$ 0.0118	-$ 0.0013	$ 2,539	-$ 280	**$ 2,259**
Frankton Sub	Load Group 5	FKN SUBLoad Group 5KVA KM	Total KVA-KM	263,169	$ 0.0011	$ -	$ 289	$ -	**$ 289**
Frankton Sub	Load Group 5	FKN SUBLoad Group 5CPD TOTAL	Total CPD kW	53,543	$ 0.1224	$ 0.1691	$ 6,554	$ 9,054	**$ 15,608**
Frankton Sub	Other Charges	FKN SUBLoad Group OTHER TOTAL	Other Charge ($)	-	$ 1.0000	$ -	$ -	$ -	**$ -**
Frankton Sub	Transformer Charges	FKN SUBLoad Group TRANS TOTAL	Other Charge ($)	77,093	$ 1.0000	$ -	$ 77,093	$ -	**$ 77,093**
Frankton Sub	Non-Standard	Non-Standard	Number	1	$ 76,702.1200	$ 54,541.8500	$ 76,702	$ 54,542	**$ 131,244**
Variable charges - Frankton Sub		**Variable Charges**							
Frankton Sub	Residential FKN Sub	Uncontrolled - Summer	kWh	2,716,517	$ 0.0880	$ 0.0034	$ 239,053	$ 9,236	**$ 248,290**
Frankton Sub	Residential FKN Sub	Uncontrolled - Winter	kWh	4,436,327	$ 0.1071	$ 0.0364	$ 475,131	$ 161,482	**$ 636,613**
Frankton Sub	Residential FKN Sub	Night Boost (13hr)	kWh	776,286	$ 0.0331	$ 0.0075	$ 25,695	$ 5,822	**$ 31,517**
Frankton Sub	Residential FKN Sub	Night Boost (11hr)	kWh	148,892	$ 0.0202	$ 0.0047	$ 3,008	$ 700	**$ 3,707**
Frankton Sub	Residential FKN Sub	Controlled (16hr)	kWh	2,418,119	$ 0.0225	$ 0.0052	$ 54,408	$ 12,574	**$ 66,982**
Frankton Sub	Residential FKN Sub	Night Only	kWh	111,323	$ 0.0144	$ -	$ 1,603	$ -	**$ 1,603**
Frankton Sub	Residential FKN Sub	Controlled (20hr)	kWh	68,537	$ 0.0507	$ 0.0115	$ 3,475	$ 788	**$ 4,263**
						Total Queenstown	$ 15,538,365	$ 3,811,037	**$ 19,349,402**

D.4. TE ANAU

Table 13, below, provides:

- forecast quantities, as at 31 March 2022;
- distribution and pass-through prices, as at 1 April 2021; and
- forecast distribution and pass-through revenues, as at 31 March 2022

for the Te Anau price area (Heritage Estate embedded subdivision).

Table 13: Price-quantity calculations for the period ending 31 March 2022 - Te Anau (Heritage Estate)

Area	Load Group	Description	Charge Type	Forecast Quantities for the year ending 31 March 2022	Distribution Price	Pass-through and Recoverable Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2022
Fixed charges - Te Anau		**Fixed charges**							
Heritage	Residential 15	HERITAGEResidential 15TOTAL	Number	49,549	$ 0.1500	$ -	$ 7,432	$ -	**$ 7,432**
Heritage	Residential 8	HERITAGEResidential 8TOTAL	Number	1,034	$ 0.0410	$ -	$ 42	$ -	**$ 42**
Heritage	Load Group 0	HERITAGELoad Group 0TOTAL	Number	-	$ 0.6339	$ -	$ -	$ -	**$ -**
Heritage	Load Group 0A	HERITAGELoad Group 0ATOTAL	Number	1,621	$ 1.3092	$ -	$ 2,122	$ -	**$ 2,122**
Heritage	Load Group 1A	HERITAGELoad Group 1ATOTAL	Number	389	$ 0.0317	$ -	$ 12	$ -	**$ 12**
Heritage	Load Group 1A	HERITAGELoad Group 1ACAPACITY TOTAL	Total Capacity kVA	3,152	$ 0.0741	$ -	$ 234	$ -	**$ 234**
Heritage	Load Group 1A	HERITAGELoad Group 1ACPD TOTAL	Total CPD kW	359	$ 0.6947	$ -	$ 249	$ -	**$ 249**
Heritage	Load Group 1	HERITAGELoad Group 1TOTAL	Number	-	$ 0.0317	$ -	$ -	$ -	**$ -**
Heritage	Load Group 1	HERITAGELoad Group 1CAPACITY TOTAL	Total Capacity kVA	-	$ 0.0712	$ -	$ -	$ -	**$ -**
Heritage	Load Group 1	HERITAGELoad Group 1CPD TOTAL	Total CPD kW	-	$ 0.6947	$ -	$ -	$ -	**$ -**
Heritage	Load Group 2	HERITAGELoad Group 2TOTAL	Number	1,014	$ 0.0668	$ -	$ 68	$ -	**$ 68**
Heritage	Load Group 2	HERITAGELoad Group 2CAPACITY TOTAL	Total Capacity kVA	32,647	$ 0.0622	$ -	$ 2,031	$ -	**$ 2,031**
Heritage	Load Group 2	HERITAGELoad Group 2CPD TOTAL	Total CPD kW	2,407	$ 0.6713	$ -	$ 1,616	$ -	**$ 1,616**
Variable charges - Te Anau		**Variable Charges**							
Heritage	Residential Heritage	Uncontrolled - Summer	kWh	365,843	$ 0.1115	$ -	$ 40,791	$ -	**$ 40,791**
Heritage	Residential Heritage	Uncontrolled - Winter	kWh	345,922	$ 0.1676	$ -	$ 57,977	$ -	**$ 57,977**
Heritage	Residential Heritage	Night Boost	kWh	1,678	$ 0.0461	$ -	$ 77	$ -	**$ 77**
Heritage	Residential Heritage	Controlled	kWh	143,977	$ 0.0521	$ -	$ 7,501	$ -	**$ 7,501**
Heritage	Residential Heritage	Night Only	kWh	12,721	$ 0.0307	$ -	$ 391	$ -	**$ 391**
Heritage	Street Lighting kWh	Street Lighting - Volumetric Price	kWh	24,819	$ 0.0720	$ -	$ 1,787	$ -	**$ 1,787**
Heritage	Street Lighting Lamps	Street Lighting - Daily Fixed Price	#lamps	31,613	$ 0.0377	$ -	$ 1,192	$ -	**$ 1,192**
						Total Te Anau	$ 123,522	$ -	**$ 123,522**

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