ANNUAL PRICE-SETTING COMPLIANCE STATEMENT

1 April 2022

Aurora ENERGY

Table of Contents

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.

3. Aurora Energy is subject to the Aurora Energy Limited Electricity Distribution Customised Price-Quality Path Determination 2021[1] (Determination).

4. Clause 11.1(a)(i) of the Determination requires Aurora Energy to provide to the Commission an annual price-setting compliance statement in respect of Price setting for the second CPP Assessment Period, before the start of the RY23 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.

1.2. DEFINITIONS

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

1.3. CONTENT OF STATEMENT

6. 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

7. This Statement was prepared and certified in accordance with clause 11.3 of the Determination on 30 March 2022. A copy of the Director's Certificate can be found in Appendix B.

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

2. Assessment of Forecast Revenue From Prices

2.1. Statement of Compliance with Price Path

8. Aurora Energy's RY23 prices comply with the price path in clause 8.4 of the Determination for RY23.

9. Clause 8.4(b) of the Determination requires that Aurora Energy's Forecast Revenue From Prices must not exceed, for each of the second to fifth CPP periods, the lesser of:

- the Forecast Allowable Revenue for the CPP Assessment Period; and
- the Forecast Revenue From Prices for the previous CPP Assessment Period x (1 + the Limit On Annual Percentage Increase In Forecast Revenue From Prices).

10. RY23 is the second CPP Assessment Period.

11. Compliance with the price path for RY23 is established in Table 1, below.

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

Assessment against the price path = Forecast Revenue From Prices$_{RY23}$ must not exceed the lesser of: the Forecast Allowable Revenue for the CPP Assessment Period; and the Forecast Revenue From Prices for the previous CPP Assessment Period x (1 + the Limit On Annual Percentage Increase In Forecast Revenue From Prices)	
Forecast Revenue From Prices $_{RY23}$	$121,783,973
Forecast Allowable Revenue $_{RY23}$	$139,031,832
Forecast Revenue From Prices$_{RY22}$ x (1 + the Limit On Annual Percentage Increase In Forecast Revenue From Prices)	$121,792,565
Complies because Forecast Revenue From Prices is less than $121,792,565	

12. 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;
- section 4 summarises the approach used in the calculation of Forecast Allowable Revenue; and
- section 5 summarises the approach used in the calculation of the Limit on Annual Percentage Increase in Forecast Revenue From Prices.

2.2. Revenue Deferred to Future Periods

13. Aurora Energy's Forecast Allowable Revenue for RY23 is greater than the Forecast Revenue From Prices for RY23. This means that there is surplus allowable revenue that cannot be recovered in RY23, and instead will be recovered from consumers in future regulatory periods, along with revenue deferred from RY22. 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 = $\text{Revenue deferred}_{RY22}$ + $\text{Forecast Allowable Revenue}_{RY23}$ – $\text{Forecast Revenue from Prices}_{RY23}$	
Calculation components	Amount
$\text{Revenue deferred}_{RY22}$	$10,772,760
$\text{Forecast Allowable Revenue}_{RY23}$	$139,031,832
$\text{Forecast Revenue From Prices}_{RY23}$	$121,783,973
Forecast revenue deferred to future periods	$28,020,619

3. Calculation of RY23 Forecast Revenue From Prices

14. Aurora Energy's Forecast Revenue From Prices is calculated by multiplying prices as at 1 April 2022 by forecast quantities for the year ending 31 March 2023, for each price category. The Determination requires that the forecasts are demonstrably reasonable.

15. 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 ending 31 March 2022, to derive forecast quantities for the year ended 31 March 2023.

Table 3: Summary of growth assumptions applied to forecast quantities for the year ending 31 March 2023

Growth assumptions used to forecast quantities for the year ended 31 March 2023	Dunedin	Central Otago & Wanaka	Queenstown	Te Anau
Fixed Prices (Residential)	0.69%	3.09%	2.03%	6.22%
Fixed Prices (General)	0.53%	3.94%	4.21%	0.09%
Capacity Prices	-0.27%	4.14%	3.60%	0.09%
Control Period Demand Prices	-5.05%	-1.47%	-6.11%	-14.12%
Distance Prices	-0.44%	4.82%	4.75%	NA
Equipment Prices	-0.17%	18.27%	7.21%	NA
Other Prices	0.00%	0.00%	0.00%	NA
Variable Prices	1.43%	3.94%	0.87%	2.36%

16. 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.

17. 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	$ 41,917,507	$ 22,991,081	$ 64,908,588
Central Otago and Wanaka	$ 26,392,634	$ 7,953,141	$ 34,345,775
Queenstown	$ 14,492,435	$ 7,913,379	$ 22,405,814
Te Anau	$ 123,796	$ -	$ 123,796
Total	**$ 82,926,372**	**$ 38,857,602**	**$ 121,783,973**

18. 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

19. 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*

20. Aurora Energy's Forecast Allowable Revenue for RY23 is $139,031,832. The calculation of Forecast Allowable Revenue is provided in Table 5, below.

Table 5: Calculation of Forecast Allowable Revenue

Forecast Allowable Revenue$_{RY23}$ = Forecast Net Allowable Revenue + Forecast Pass-through and Recoverable Costs + Opening Wash-up Account Balance	
Calculation components	**Amount**
Forecast Net Allowable Revenue	$99,660,000
Forecast Pass-through and Recoverable Costs	$40,658,429
Opening Wash-up Account Balance	-$1,286,597
Forecast Allowable Revenue $_{RY23}$	**$139,031,832**

21. The three components of Forecast Allowable Revenue for RY23 are described in more detail below.

4.1. Forecast Net Allowable Revenue

22. Forecast Net Allowable Revenue for RY23 is $99,660,000. Forecast Net Allowable Revenue is specified in Schedule 1.3 of the Determination.

4.2. Forecast Pass-Through and Recoverable Costs

23. Aurora Energy's Forecast Pass-through and Recoverable Costs for RY23 are $40,658,429. 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 2023

Forecast Pass-through and Recoverable Costs	CPP Assessment Period ending 31 March 2023
Forecast Pass-through costs	
Local Authority rates	$1,135,098
Commerce Act levies	$284,443
Electricity Authority levies	$283,856
Utilities Disputes levies	$73,181
Forecast Recoverable costs	
Opex Incentive Amount	$13,000,602
Capex Incentive Amount	-$1,492,946
Transpower connection and interconnection costs - Dunedin	$13,111,751
Transpower connection and interconnection costs – Central Otago	$3,584,466
Transpower connection and interconnection costs - Queenstown	$5,964,087
Transpower new investment contract - Dunedin	$45,279
Transpower new investment contract – Central Otago	$475,203
System Operator services	$0
Avoided Transmission Costs	$0
Distributed Generation Allowance	$4,954,600
Claw-back	$0
Standard application fee for a CPP proposal	$0
Commerce Commission assessment fee for a CPP proposal	$0
Verifier fee under a CPP proposal	$0
Auditor's fee associated with a CPP proposal	$0
Engineer's fee associated with a CPP proposal	$0
Catastrophic Event Allowance	$0
Extended Reserve Allowance	$0
Quality Incentive Adjustment	-$11,764
Capex Wash-up Adjustment	-$784,973
Transmission asset wash-up adjustment	$0
2013-15 NPV wash-up allowance	$0

Forecast Pass-through and Recoverable Costs	CPP Assessment Period ending 31 March 2023
Reconsideration event allowance	$0
Engineer's fee associated with a proposal of quality standard variation	$0
Urgent Project Allowance	$0
Fire and Emergency Management New Zealand (FENZ) levies	$35,546
Innovation Project Allowance	$0
Forecast Pass-through and Recoverable Costs	**$40,658,429**

24. 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.

25. 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 RY23 levies have been estimated based on the current levies plus an anticipated uplift for the Commerce Commission's Input Methodologies Review.
Electricity Authority levies	The RY23 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 RY23 as over RY22; – 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.

Recoverable Cost components	Forecasting methodology
Transpower connection and interconnection costs—Dunedin	As notified by Transpower.
Transpower connection and interconnection costs—Central Otago	
Transpower connection and interconnection costs—Queenstown	
Transpower new investment contract—Dunedin	
Transpower new investment—Central Otago	
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	The full amount of the standard application fee for a CPP proposal was included in RY22.
Commerce Commission assessment fee for a CPP proposal	The forecast amount of the Commerce Commission's assessment fee for a CPP proposal was included in RY22.
Verifier fee under a CPP proposal	The full amount of the verifier fee under a CPP proposal was included in RY22.
Auditor's fee associated with a CPP proposal	The full amount of the auditor's fee associated with a CPP proposal was included in RY22.
Engineer's fee associated with a CPP proposal	Forecast to be zero as Aurora Energy does not expect to incur any engineer's fees associated with a CPP proposal.
Catastrophic Event Allowance	Forecast to be zero as Aurora Energy does not expect to have a Catastrophic Event during the disclosure year.
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.

Recoverable Cost components	Forecasting methodology
Quality Incentive Adjustment	Disclosed in Aurora Energy's RY21 Annual Compliance Statement
Capex Wash-up Adjustment	Calculated in accordance with clause 3.1.3(8) of the IMs.
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's fee associated with a proposal of quality standard variation	Forecast to be zero as Aurora Energy does not intend to apply for a quality standard variation during the disclosure year.
Urgent Project Allowance	Forecast as zero as there is no provision for this allowance in the Determination.
Fire and Emergency Management New Zealand (FENZ) levies	The RY23 levies have been estimated based on escalating the previous year's levies by the annual increase in CPI.
Innovation Project Allowance	Forecast as zero as there is no provision for this allowance in the Determination.

26. 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

27. The Opening Wash-up Account Balance for RY23 is -$1,286,597

28. Schedule 1.6 of the Determination specifies the Opening Wash-up Account Balance as being the Closing Wash-up Account Balance of the previous CPP Assessment Period.

29. The Closing Wash-up Account Balance is calculated in accordance with the following formula:

(Wash-up Amount for the previous CPP Assessment Period – Voluntary Undercharging Amount Foregone for the previous CPP Assessment Period) x (1 + 67th Percentile Estimate of Post-Tax WACC)^{2}

30. The calculation of the Closing Wash-up Account Balance is provided in Table 9, below.

Table 9: Calculation of Closing Wash-up Account Balance

Closing Wash-up Account Balance$_{RY22}$ = Wash-up Amount for the previous CPP Assessment Period$_{RY21}$ – Voluntary Undercharging Amount Foregone for the previous CPP Assessment Period) x (1 + 67th Percentile Estimate of Post-Tax WACC)^2	
Calculation components	
Wash-up Amount$_{RY21}$	-$1,184,287
Voluntary Undercharging Amount Foregone	$Nil
67th Percentile Estimate of Post-tax WACC	4.23%
Closing Wash-up Account Balance$_{RY21}$	**-$1,286,597**

31. The three components of the Closing Wash-up Account Balance are described in more detail below.

4.3.1. Wash-up Amount

32. The Wash-up Amount is the Wash-up Amount for the RY21 assessment period, as specified in Schedule 1.6 of the Determination.

4.3.2. Voluntary Undercharging Amount Foregone

33. The Voluntary Undercharging Amount Foregone is specified in Schedule 1.6 of the Determination as being "Nil".

4.3.3. 67th Percentile Estimate of Post-tax WACC

34. The 67th Percentile Estimate of Post-tax WACC that applies for Aurora Energy for each CPP Assessment Period is 4.23%, as specified in clause 8.3 of the Determination.

5. Limit On Annual Percentage Increase in Forecast Revenue From Prices

35. Aurora Energy is required, pursuant to clause 8.4 of the Determination, to adjust its Forecast Revenue From Prices for the previous CPP Assessment Period, being RY22, in accordance with the following formula:

> *Forecast Revenue From Prices for the previous CPP Assessment Period x (1 + the Limit on Annual Percentage Increase in Forecast Revenue From Prices)*

36. That calculation is demonstrated in Table 10, below.

Table 10: Limit on Annual Percentage Increase in Forecast Revenue From Prices

Forecast Revenue From Prices$_{RY22}$ x (1 + Limit On Annual Percentage Increase in Forecast Revenue From Prices)	
Forecast Revenue From Prices$_{RY22}$	$107,111,798
Limit on Annual Percentage Increase in Forecast Revenue From Prices	13.71%
Forecast Revenue From Prices$_{RY22}$ x (1 + Limit On Annual Percentage Increase in Forecast Revenue From Prices)	**$ 121,792,565**

5.1. RY22 Forecast Revenue From Prices

Aurora Energy's RY22 Forecast Revenue From Prices is $107,111,798. This was disclosed in Aurora Energy's Price-Setting Compliance Statement for the period 1 April 2021 to 31 March 2022, a copy of which can be found at www.auroraenergy.co.nz/disclosures/pricing/pricing-methodologies/.

5.2. Limit On Annual Percentage Increase In Forecast Revenue From Prices

37. Aurora Energy's Limit on Annual Percentage Increase in Forecast Revenue From Prices for RY23 is 13.71%, as determined in accordance with Schedule 1.9 of the Determination.

38. Aurora Energy's Limit on Annual Percentage Increase in Forecast Revenue From Prices for RY23 is the Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices specified in the Determination.

39. Aurora Energy must then adjust the Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices if:

- there is any difference between the CPI Change and the Initial Forecast CPI percentage for RY23; or

- the Revised Forecast Transmission Charges for RY23 are greater than the higher of:
  - the Initial Forecast Transmission Charges for RY23; and
  - the Revised Forecast Transmission Charges for RY22.

40. If Aurora Energy is required to adjust the Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices for RY23, then the Limit on Annual Percentage Increase in Forecast Revenue From Prices for RY23 will be determined by adjusting the Provisional Limit on Annual Percentage Increase In Forecast Revenue From Prices in accordance with the Determination.

5.2.1. Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices

41. Aurora Energy's Provisional Limit On Annual Percentage Increase In Forecast Revenue From Prices for RY23 is 10.00%, as specified in Schedule 1.7 of the Determination.

5.2.2. Assessment of ability to adjust Provisional Limit on Annual Percentage Increase In Forecast Revenue From Prices

42. Aurora Energy must adjust the Provisional Limit on Annual Percentage Increase In Forecast Revenue From Prices for RY23 because:

- the CPI Change differs from the Initial Forecast CPI Percentage, as shown in Table 11, below; and
- the Revised Forecast Transmission Charges exceeds the Initial Forecast Transmission Charges and Revised Forecast Transmission Charges for RY22, as shown in Table 13 and Table 14, below.

CPI Change

Table 11: Difference in CPI

Difference in CPI = CPI Change$_{RY22}$ – Initial Forecast CPI Percentage	
CPI Change	4.6%
Initial Forecast CPI Percentage$_{RY23}$	1.2%
CPI Change - Initial Forecast CPI Percentage	**3.4%**

43. The CPI Change is defined in the Determination as the average, expressed as a percentage, of the March, June, September and December quarterly values for RY23 for the forecast of the percentage change in headline CPI in the Monetary Policy Statement issued by the Reserve Bank of New Zealand in November 2021. The calculation of the CPI change is shown in Table 12.

Table 12: CPI Change

Average of quarterly values for the forecast of the percentage change in headline CPI	
March 2022	5.7%
June 2022	5.2%
September 2022	4.0%
December 2022	3.3%
CPI Change	**4.6%**

44. The Initial Forecast CPI Percentage for RY23 is 1.2%, as specified in Schedule 1.8 of the Determination.

Revised Forecast Transmission Charges

Table 13: Assessment of Revised Forecast Transmission Charges

Assessment of Revised Forecast Transmission Changes	
Revised Forecast Transmission Charges$_{RY23}$	$23,180,786
Initial Forecast Transmission Charges$_{RY23}$	$22,853,000
Revised Forecast Transmission Charges$_{RY22}$	$22,271,145
Revised Forecast Transmission Charges are greater than the higher of the Initial Forecast Transmission Charges$_{RY23}$ and Revised Forecast Transmission Charges$_{RY22}$	

Table 14: Positive difference in Forecast Transmission Charges

Positive difference in Forecast Transmission Charges = (Revised Forecast Transmission Charges$_{RY23}$ - Higher of Initial Forecast Transmission Charges$_{RY23}$ and Revised Forecast Transmission Charges$_{RY22}$) / Forecast Revenue From Prices$_{RY22}$ x 100	
Revised Forecast Transmission Charges$_{RY23}$	$23,180,786
Higher of Initial Forecast Transmission Charges$_{RY23}$ and Revised Forecast Transmission Charges$_{RY22}$	$22,853,000
Positive difference in Forecast Transmission Charges	**$327,786**
Forecast Revenue From Prices$_{RY22}$	$107,111,798
Positive difference expressed as a percentage of the Forecast Revenue From Prices	**0.31%**

45. The Revised Forecast Transmission charges for RY22 and RY23 are advised by Transpower each year to Aurora Energy for the purpose of Aurora Energy setting its prices.

46. The Initial Forecast Transmission Charges for RY23 is $22,853,000, as specified in Schedule 1.8 of the Determination.

5.2.3. Adjustment of the Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices

47. Aurora Energy is required to adjust the Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices in accordance with the Determination.

48. The adjustment for RY23 is:

- any difference between the CPI Change and the Initial Forecast CPI Percentage for RY23; plus
- any positive difference in Forecast Transmission Charges, expressed as a percentage of the Forecast Revenue From Prices for the preceding CPP Assessment Period, where that difference is determined as:
  - the Revised Forecast Transmission Charges for the CPP Assessment Period; minus
  - the greater of:
    - the Initial Forecast Transmission Charges for that CPP Assessment Period; and
    - the Revised Forecast Transmission Charges for the preceding CPP Assessment Period.

49. The adjustment is shown in Table 15, below.

Table 15: Adjustment of Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices

Adjustment of the Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices	
Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices	10.00%
Difference between CPI Change and the Initial Forecast CPI Percentage for RY23	3.40%
Positive difference in Forecast Transmission Charges	0.31%
Adjusted Provisional Limit on Annual Percentage Increase in Forecast Revenue From Prices	**13.71%**

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 Energy 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 Energy;	Clause 11.3(b)(i)	Appendix B
Aurora Energy'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, Appendix C and Appendix D
Aurora Energy's calculation of its forecast allowable revenue together with supporting information for all components of the calculation;	Clause 11.3(b)(iii)	Sections 4
if Aurora Energy has not complied with the price path, the reasons for the non-compliance; and	Clause 11.3(b)(iv)	Not applicable
if Aurora Energy 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

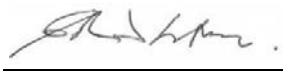
Appendix B. DIRECTORS' CERTIFICATE

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 March 2022

Appendix C. Quantity Forecasting

C.1. Forecast Quantities for the year ending 31 March 2023

Calculating Forecast Revenue From Prices for the year ending 31 March 2023 requires Aurora Energy to prepare a forecast of quantities for RY23. 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 RY22 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; 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 16, below, sets out the assumptions that have been applied for each price category.

Table 16: Growth assumptions by price category

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

C.2. Forecast quantities for the year ending 31 March 2022

Calculating Forecast Revenue From Prices for the year ending 31 March 2023 requires Aurora Energy to prepare a forecast of quantities for RY23 by escalating the forecast quantities for RY22.

To forecast the quantities for RY22, capacity and demand quantities are calculated by using actual quantities for the period from 1 April 2021 to 31 October 2021, and forecasting to the year-end using a year on year growth trend.

Appendix D. Prices and Forecast Quantities for Prices Effective 1 April 2022

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

D.1. Dunedin

Table 17, below, provides:

- forecast quantities, for the year ending 31 March 2023;
- distribution and pass-through prices, as at 1 April 2022; and
- forecast distribution and pass-through revenues, for the year ending 31 March 2023

for the Dunedin pricing area.

Table 17: Price-quantity calculations for the year ending 31 March 2023 - Dunedin

Load Group	Charge Type	Forecast Quantities for the year ending 31 March 2023	Distribution Price	Pass-through and Recoverable Price	Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2023
Residential 15	Number	17,954,208	$ 0.3000	$ -	$ 0.3000	$ 5,386,262	$ -	$ 5,386,262
Residential 8	Number	197,840	$ 0.0820	$ -	$ 0.0820	$ 16,223	$ -	$ 16,223
Unmetered Supply	Number	739	$ 0.0569	$ -	$ 0.0569	$ 42	$ -	$ 42
L0	Number	38,131	$ 0.4634	$ 0.1437	$ 0.6071	$ 17,670	$ 5,479	$ 23,149
L0A	Number	63,309	$ 0.9621	$ 0.3873	$ 1.3494	$ 60,910	$ 24,520	$ 85,429
Load Group 1A	Number	150,868	$ 0.0429	$ -	$ 0.0429	$ 6,472	$ -	$ 6,472
Load Group 1A	Total Capacity kVA	1,195,440	$ 0.0334	$ 0.0247	$ 0.0581	$ 39,928	$ 29,527	$ 69,455
Load Group 1A	Total CPD kW	132,552	$ 0.5288	$ 0.2072	$ 0.7360	$ 70,093	$ 27,465	$ 97,558
Load Group 1	Number	1,055,343	$ 0.0429	$ -	$ 0.0429	$ 45,274	$ -	$ 45,274
Load Group 1	Total Capacity kVA	15,672,277	$ 0.0200	$ 0.0348	$ 0.0548	$ 313,446	$ 545,395	$ 858,841
Load Group 1	Total CPD kW	2,285,885	$ 0.5782	$ 0.2221	$ 0.8003	$ 1,321,699	$ 507,695	$ 1,829,394
Load Group 2	Number	1,153,386	$ 0.0846	$ -	$ 0.0846	$ 97,576	$ -	$ 97,576
Load Group 2	Total Capacity kVA	58,354,024	$ 0.0256	$ 0.0308	$ 0.0564	$ 1,493,863	$ 1,797,304	$ 3,291,167
Load Group 2	Total CPD kW	7,997,393	$ 0.5979	$ 0.2092	$ 0.8071	$ 4,781,641	$ 1,673,055	$ 6,454,696
Load Group 3	Number	38,108	$ 1.6088	$ -	$ 1.6088	$ 61,308	$ -	$ 61,308
Load Group 3	Total Capacity kVA	7,401,734	$ 0.0496	$ 0.0464	$ 0.0960	$ 367,126	$ 343,440	$ 710,566
Load Group 3	Total KVA-KM	41,319,135	$ 0.0011	$ -	$ 0.0011	$ 45,451	$ -	$ 45,451
Load Group 3	Total CPD kW	1,815,735	$ 0.4800	$ 0.1760	$ 0.6560	$ 871,553	$ 319,569	$ 1,191,122
Load Group 3A	Number	33,508	$ 1.6088	$ -	$ 1.6088	$ 53,908	$ -	$ 53,908
Load Group 3A	Total Capacity kVA	10,146,120	$ 0.0224	$ 0.0654	$ 0.0878	$ 227,273	$ 663,556	$ 890,829
Load Group 3A	Total KVA-KM	54,571,846	$ 0.0011	$ -	$ 0.0011	$ 60,029	$ -	$ 60,029
Load Group 3A	Total CPD kW	3,028,869	$ 0.4918	$ 0.2038	$ 0.6956	$ 1,489,598	$ 617,284	$ 2,106,881
Load Group 4	Number	27,495	$ 4.4262	$ -	$ 4.4262	$ 121,698	$ -	$ 121,698
Load Group 4	Total Capacity kVA	19,415,636	$ 0.0041	$ 0.0513	$ 0.0554	$ 79,604	$ 996,022	$ 1,075,626
Load Group 4	Total KVA-KM	108,708,538	$ 0.0011	$ -	$ 0.0011	$ 119,579	$ -	$ 119,579
Load Group 4	Total CPD kW	5,180,333	$ 0.4082	$ 0.1789	$ 0.5871	$ 2,114,612	$ 926,762	$ 3,041,374
Load Group 5	Number	2,214	$ 4.4262	$ -	$ 4.4262	$ 9,800	$ -	$ 9,800
Load Group 5	Total Capacity kVA	6,881,261	$ 0.0041	$ 0.0550	$ 0.0591	$ 28,213	$ 378,469	$ 406,683
Load Group 5	Total KVA-KM	47,732,726	$ 0.0011	$ -	$ 0.0011	$ 52,506	$ -	$ 52,506
Load Group 5	Total CPD kW	2,087,886	$ 0.2705	$ 0.1684	$ 0.4389	$ 564,773	$ 351,600	$ 916,373
Other Charges	Other Charge ($)	24,322	$ 1.0000	$ -	$ 1.0000	$ 24,322	$ -	$ 24,322
Transformer Charges	Other Charge ($)	468,156	$ 1.0000	$ -	$ 1.0000	$ 468,156	$ -	$ 468,156
Street Lighting	Fixed	365	$ 346.03	$ 167.8230	$ 513.85	$ 126,299	$ 61,255	$ 187,555
Street Lighting	Fixed	365	$ 680.13	$ 129.7285	$ 809.86	$ 248,247	$ 47,351	$ 295,598
Non-Standard	Fixed	1	$ 139,193	$ -	$ 139,193	$ 139,193	$ -	$ 139,193
Residential DN	kWh	18,892,986	$ 0.0779	$ 0.0091	$ 0.0870	$ 1,471,764	$ 171,926	$ 1,643,690
Residential DN	kWh	24,199,508	$ 0.0889	$ 0.0868	$ 0.1757	$ 2,151,336	$ 2,100,517	$ 4,251,854
Residential DN	kWh	1,199,856	$ 0.0712	$ 0.0030	$ 0.0742	$ 85,430	$ 3,600	$ 89,029
Residential DN	kWh	1,707,460	$ 0.0756	$ 0.0812	$ 0.1568	$ 129,084	$ 138,646	$ 267,730
Residential DN	kWh	1,695,991	$ 0.0053	$ -	$ 0.0053	$ 8,989	$ -	$ 8,989
Residential DN	kWh	158,851,390	$ 0.0384	$ 0.0256	$ 0.0640	$ 6,099,893	$ 4,066,596	$ 10,166,489
Residential DN	kWh	192,578,462	$ 0.0569	$ 0.0371	$ 0.0940	$ 10,957,714	$ 7,144,661	$ 18,102,375
Residential DN	kWh	1,475,794	$ 0.0199	$ 0.0131	$ 0.0330	$ 29,368	$ 19,333	$ 48,701
Residential DN	kWh	2,502,128	$ 0.0053	$ -	$ 0.0053	$ 13,261	$ -	$ 13,261
Unmetered Supply DN	kWh	3,902	$ 0.0203	$ 0.0117	$ 0.0320	$ 79	$ 46	$ 125
Residential DN	kWh	1,887,329	$ 0.0245	$ 0.0159	$ 0.0404	$ 46,240	$ 30,009	$ 76,248
					Total Dunedin	$ 41,917,507	$ 22,991,081	$ 64,908,588

D.2. CENTRAL OTAGO AND WANAKA

Table 18, below, provides:

- forecast quantities, for the year ending 31 March 2023;
- distribution and pass-through prices, as at 1 April 2022; and
- forecast distribution and pass-through revenues for the year ending 31 March 2023

for the Central Otago and Wanaka pricing area.

Table 18: Price-quantity calculations for the year ending 31 March 2023 - Central Otago and Wanaka

Load Group	Charge Type	Forecast Quantities for the year ending 31 March 2023	Distribution Price	Pass-through and Recoverable Price	Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2023
Residential 15	Number	6,637,995	$ 0.3000	$ -	$ 0.3000	$ 1,991,399	$ -	**$ 1,991,399**
Residential 8	Number	31,104	$ 0.0820	$ -	$ 0.0820	$ 2,551	$ -	**$ 2,551**
L0	Number	40,622	$ 0.5564	$ 0.9948	$ 1.5512	$ 22,602	$ 40,411	**$ 63,013**
L0A	Number	147,153	$ 1.0610	$ 2.0340	$ 3.0950	$ 156,129	$ 299,309	**$ 455,439**
Load Group 1A	Number	122,724	$ 0.0392	$ -	$ 0.0392	$ 4,811	$ -	**$ 4,811**
Load Group 1A	Total Capacity kVA	991,566	$ 0.0423	$ 0.0058	$ 0.0481	$ 41,943	$ 5,751	**$ 47,694**
Load Group 1A	Total CPD kW	111,566	$ 0.6222	$ 0.0367	$ 0.6589	$ 69,416	$ 4,094	**$ 73,511**
Load Group 1	Number	671,832	$ 0.0392	$ -	$ 0.0392	$ 26,336	$ -	**$ 26,336**
Load Group 1	Total Capacity kVA	10,178,546	$ 0.0318	$ 0.0007	$ 0.0325	$ 323,678	$ 7,125	**$ 330,803**
Load Group 1	Total CPD kW	1,369,152	$ 0.6799	$ 0.0020	$ 0.6819	$ 930,886	$ 2,738	**$ 933,625**
Load Group 2	Number	769,826	$ 0.0792	$ -	$ 0.0792	$ 60,970	$ -	**$ 60,970**
Load Group 2	Total Capacity kVA	39,318,164	$ 0.0532	$ 0.0185	$ 0.0717	$ 2,091,726	$ 727,386	**$ 2,819,112**
Load Group 2	Total CPD kW	4,044,607	$ 0.5638	$ 0.1562	$ 0.7200	$ 2,280,349	$ 631,768	**$ 2,912,117**
Load Group 3	Number	34,182	$ 1.6612	$ -	$ 1.6612	$ 56,783	$ -	**$ 56,783**
Load Group 3	Total Capacity kVA	6,374,680	$ 0.0336	$ 0.0397	$ 0.0733	$ 214,189	$ 253,075	**$ 467,264**
Load Group 3	Total KVA-KM	198,371,296	$ 0.0011	$ -	$ 0.0011	$ 218,208	$ -	**$ 218,208**
Load Group 3	Total CPD kW	836,110	$ 0.8073	$ 0.2634	$ 1.0707	$ 674,992	$ 220,231	**$ 895,223**
Load Group 3A	Number	20,500	$ 1.6612	$ -	$ 1.6612	$ 34,055	$ -	**$ 34,055**
Load Group 3A	Total Capacity kVA	6,100,462	$ 0.0067	$ 0.0114	$ 0.0181	$ 40,873	$ 69,545	**$ 110,418**
Load Group 3A	Total KVA-KM	187,224,294	$ 0.0011	$ -	$ 0.0011	$ 205,947	$ -	**$ 205,947**
Load Group 3A	Total CPD kW	857,549	$ 0.9988	$ 0.0703	$ 1.0691	$ 856,520	$ 60,286	**$ 916,806**
Load Group 4	Number	14,711	$ 4.4666	$ -	$ 4.4666	$ 65,708	$ -	**$ 65,708**
Load Group 4	Total Capacity kVA	10,701,301	$ 0.0547	$ 0.0269	$ 0.0816	$ 585,361	$ 287,865	**$ 873,226**
Load Group 4	Total KVA-KM	399,633,769	$ 0.0011	$ -	$ 0.0011	$ 439,597	$ -	**$ 439,597**
Load Group 4	Total CPD kW	1,558,498	$ 0.6427	$ 0.1608	$ 0.8035	$ 1,001,647	$ 250,606	**$ 1,252,253**
Load Group 5	Number	381	$ 4.4666	$ -	$ 4.4666	$ 1,702	$ -	**$ 1,702**
Load Group 5	Total Capacity kVA	955,491	$ 0.0366	$ 0.0151	$ 0.0517	$ 34,971	$ 14,428	**$ 49,399**
Load Group 5	Total KVA-KM	63,378,725	$ 0.0011	$ -	$ 0.0011	$ 69,717	$ -	**$ 69,717**
Load Group 5	Total CPD kW	35,624	$ 0.7313	$ 0.3522	$ 1.0835	$ 26,052	$ 12,547	**$ 38,599**
Other Charges	Other Charge ($)	- 8,816	$ 1.0000	$ -	$ 1.0000	-$ 8,816	$ -	**-$ 8,816**
Transformer Charges	Other Charge ($)	203,073	$ 1.0000	$ -	$ 1.0000	$ 203,073	$ -	**$ 203,073**
Non-Standard	Fixed	1	$ 462,171	$ -	$ 462,171	$ 462,171	$ -	**$ 462,171**
Non-Standard	Fixed	1	$ 29,317	$ -	$ 29,317	$ 29,317	$ -	**$ 29,317**
Residential CYD/CML	kWh	43,490,233	$ 0.0980	$ 0.0568	$ 0.1548	$ 4,262,043	$ 2,470,245	**$ 6,732,288**
Residential CYD/CML	kWh	53,732,073	$ 0.1357	$ 0.0344	$ 0.1701	$ 7,291,442	$ 1,848,383	**$ 9,139,826**
Residential CYD/CML	kWh	672,804	$ 0.0582	$ 0.0316	$ 0.0898	$ 39,157	$ 21,261	**$ 60,418**
Residential CYD/CML	kWh	1,867,158	$ 0.0476	$ 0.0258	$ 0.0734	$ 88,877	$ 48,173	**$ 137,049**
Residential CYD/CML	kWh	25,762,892	$ 0.0518	$ 0.0246	$ 0.0764	$ 1,334,518	$ 633,767	**$ 1,968,285**
Residential CYD/CML	kWh	1,430,570	$ 0.0407	$ -	$ 0.0407	$ 58,224	$ -	**$ 58,224**
Residential CYD/CML	kWh	211,434	$ 0.0715	$ 0.0386	$ 0.1101	$ 15,118	$ 8,161	**$ 23,279**
Street Lighting kWh CYD/CML	kWh	939,556	$ 0.0417	$ 0.0383	$ 0.0800	$ 39,179	$ 35,985	**$ 75,164**
Street Lighting Lamps CYD/CM	#lamps	1,613,523	$ 0.0305	$ -	$ 0.0305	$ 49,212	$ -	**$ 49,212**
					Total Central Otago & Wanaka	$ 26,392,634	$ 7,953,141	**$ 34,345,775**

D.3. QUEENSTOWN

Table 19, below, provides:

- forecast quantities, for the year ending 31 March 2023;
- distribution and pass-through prices, as at 1 April 2022; and
- forecast distribution and pass-through revenues, for the year ending 31 March 2023

for the Queenstown pricing area.

Table 19: Price-quantity calculations for the year ending 31 March 2023 - Queenstown

Load Group	Charge Type	Forecast Quantities for the year ending 31 March 2023	Distribution Price	Pass-through and Recoverable Price	Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2023
Residential 15	Number	3,599,734	$ 0.3000	$ -	$ 0.3000	$ 1,079,920	$ -	**$ 1,079,920**
Residential 8	Number	40,770	$ 0.0820	$ -	$ 0.0820	$ 3,343	$ -	**$ 3,343**
Load Group 0	Number	35,743	$ 0.4122	$ 0.4738	$ 0.8860	$ 14,733	$ 16,935	**$ 31,668**
Load Group 0A	Number	76,905	$ 0.7467	$ 1.1259	$ 1.8726	$ 57,425	$ 86,587	**$ 144,012**
Load Group 1A	Number	61,125	$ 0.0389	$ -	$ 0.0389	$ 2,378	$ -	**$ 2,378**
Load Group 1A	Total Capacity kVA	496,523	$ 0.0295	$ 0.0139	$ 0.0434	$ 14,647	$ 6,902	**$ 21,549**
Load Group 1A	Total CPD kW	56,978	$ 0.4101	$ 0.1970	$ 0.6071	$ 23,367	$ 11,225	**$ 34,591**
Load Group 1	Number	314,622	$ 0.0389	$ -	$ 0.0389	$ 12,239	$ -	**$ 12,239**
Load Group 1	Total Capacity kVA	4,791,575	$ 0.0156	$ 0.0271	$ 0.0427	$ 74,749	$ 129,852	**$ 204,600**
Load Group 1	Total CPD kW	833,123	$ 0.4337	$ 0.2535	$ 0.6872	$ 361,325	$ 211,197	**$ 572,522**
Load Group 2	Number	597,650	$ 0.0589	$ -	$ 0.0589	$ 35,202	$ -	**$ 35,202**
Load Group 2	Total Capacity kVA	27,232,645	$ 0.0297	$ 0.0204	$ 0.0501	$ 808,810	$ 555,546	**$ 1,364,356**
Load Group 2	Total CPD kW	3,881,763	$ 0.4699	$ 0.2356	$ 0.7055	$ 1,824,040	$ 914,543	**$ 2,738,584**
Load Group 3	Number	10,111	$ 1.4537	$ -	$ 1.4537	$ 14,698	$ -	**$ 14,698**
Load Group 3	Total Capacity kVA	1,906,311	$ 0.1134	$ 0.0499	$ 0.1633	$ 216,176	$ 95,125	**$ 311,301**
Load Group 3	Total KVA-KM	29,192,873	$ 0.0011	$ -	$ 0.0011	$ 32,112	$ -	**$ 32,112**
Load Group 3	Total CPD kW	422,239	$ 0.4977	$ 0.0010	$ 0.4987	$ 210,148	$ 422	**$ 210,571**
Load Group 3A	Number	10,799	$ 1.4537	$ -	$ 1.4537	$ 15,699	$ -	**$ 15,699**
Load Group 3A	Total Capacity kVA	3,142,416	$ 0.1036	$ 0.0411	$ 0.1447	$ 325,554	$ 129,153	**$ 454,708**
Load Group 3A	Total KVA-KM	48,599,753	$ 0.0011	$ -	$ 0.0011	$ 53,460	$ -	**$ 53,460**
Load Group 3A	Total CPD kW	651,051	$ 0.5120	$ 0.0022	$ 0.5142	$ 333,338	$ 1,432	**$ 334,770**
Load Group 4	Number	7,743	$ 4.0721	$ -	$ 4.0721	$ 31,530	$ -	**$ 31,530**
Load Group 4	Total Capacity kVA	5,779,767	$ 0.0278	$ 0.0467	$ 0.0745	$ 160,678	$ 269,915	**$ 430,593**
Load Group 4	Total KVA-KM	67,604,750	$ 0.0011	$ -	$ 0.0011	$ 74,365	$ -	**$ 74,365**
Load Group 4	Total CPD kW	1,401,626	$ 0.2971	$ 0.2189	$ 0.5160	$ 416,423	$ 306,816	**$ 723,239**
Load Group 5	Number	-	$ 4.0721	$ -	$ 4.0721	$ -	$ -	**$ -**
Load Group 5	Total Capacity kVA	-	$ 0.0095	$ 0.0055	$ 0.0150	$ -	$ -	**$ -**
Load Group 5	Total KVA-KM	-	$ 0.0014	$ -	$ 0.0014	$ -	$ -	**$ -**
Load Group 5	Total CPD kW	-	$ 0.2075	$ 0.2613	$ 0.4688	$ -	$ -	**$ -**
Other Charges	Other Charge ($)	- 1,512	$ 1.0000	$ -	$ 1.0000	-$ 1,512	$ -	**-$ 1,512**
Transformer Charges	Other Charge ($)	137,576	$ 1.0000	$ -	$ 1.0000	$ 137,576	$ -	**$ 137,576**
Non-Standard	Fixed	1	$ 28,807	$ -	$ 28,807	$ 28,807	$ -	**$ 28,807**
Non-Standard	Number	1	$ 92,171	$ 114,142	$ 206,313	$ 92,171	$ 114,142	**$ 206,313**
Residential FKN	kWh	27,186,928	$ 0.0742	$ 0.0080	$ 0.0822	$ 2,017,270	$ 217,495	**$ 2,234,765**
Residential FKN	kWh	39,125,489	$ 0.0894	$ 0.0859	$ 0.1753	$ 3,497,819	$ 3,360,880	**$ 6,858,698**
Residential FKN	kWh	1,562,836	$ 0.0279	$ 0.0177	$ 0.0456	$ 43,603	$ 27,662	**$ 71,265**
Residential FKN	kWh	968,855	$ 0.0170	$ 0.0111	$ 0.0281	$ 16,471	$ 10,754	**$ 27,225**
Residential FKN	kWh	18,473,166	$ 0.0190	$ 0.0123	$ 0.0313	$ 350,990	$ 227,220	**$ 578,210**
Residential FKN	kWh	881,391	$ 0.0121	$ -	$ 0.0121	$ 10,665	$ -	**$ 10,665**
Residential FKN	kWh	251,105	$ 0.0428	$ 0.0271	$ 0.0699	$ 10,747	$ 6,805	**$ 17,552**
Street Lighting kWh FKN	kWh	812,355	$ 0.0126	$ 0.0431	$ 0.0557	$ 10,236	$ 35,013	**$ 45,248**
Street Lighting Lamps FKN	#lamps	1,075,553	$ 0.0357	$ -	$ 0.0357	$ 38,397	$ -	**$ 38,397**

Load Group	Charge Type	Forecast Quantities for the year ending 31 March 2023	Distribution Price	Pass-through and Recoverable Price	Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2023
Residential 15	Number	506,822	$ 0.3000	$ -	$ 0.3000	$ 152,047	$ -	**$ 152,047**
Residential 8	Number	747	$ 0.0820	$ -	$ 0.0820	$ 61	$ -	**$ 61**
Load Group 0	Number	5,601	$ 0.4122	$ 0.4738	$ 0.8860	$ 2,309	$ 2,654	**$ 4,962**
Load Group 0A	Number	3,252	$ 0.7467	$ 1.1259	$ 1.8726	$ 2,428	$ 3,661	**$ 6,090**
Load Group 1A	Number	6,418	$ 0.0389	$ -	$ 0.0389	$ 250	$ -	**$ 250**
Load Group 1A	Total Capacity kVA	52,135	$ 0.0295	$ 0.0139	$ 0.0434	$ 1,538	$ 725	**$ 2,263**
Load Group 1A	Total CPD kW	6,802	$ 0.4101	$ 0.1970	$ 0.6071	$ 2,790	$ 1,340	**$ 4,129**
Load Group 1	Number	77,774	$ 0.0389	$ -	$ 0.0389	$ 3,025	$ -	**$ 3,025**
Load Group 1	Total Capacity kVA	1,184,555	$ 0.0156	$ 0.0271	$ 0.0427	$ 18,479	$ 32,101	**$ 50,580**
Load Group 1	Total CPD kW	221,933	$ 0.4337	$ 0.2535	$ 0.6872	$ 96,252	$ 56,260	**$ 152,512**
Load Group 2	Number	79,492	$ 0.0530	$ -	$ 0.0530	$ 4,213	$ -	**$ 4,213**
Load Group 2	Total Capacity kVA	3,783,410	$ 0.0267	$ 0.0204	$ 0.0471	$ 101,017	$ 77,182	**$ 178,199**
Load Group 2	Total CPD kW	550,572	$ 0.4229	$ 0.2356	$ 0.6585	$ 232,837	$ 129,715	**$ 362,552**
Load Group 3	Number	3,200	$ 1.1993	$ -	$ 1.1993	$ 3,838	$ -	**$ 3,838**
Load Group 3	Total Capacity kVA	622,232	$ 0.0936	$ 0.0499	$ 0.1435	$ 58,241	$ 31,049	**$ 89,290**
Load Group 3	Total KVA-KM	2,163,884	$ 0.0011	$ -	$ 0.0011	$ 2,380	$ -	**$ 2,380**
Load Group 3	Total CPD kW	185,444	$ 0.4106	$ 0.0010	$ 0.4116	$ 76,143	$ 185	**$ 76,329**
Load Group 3A	Number	3,219	$ 1.1993	$ -	$ 1.1993	$ 3,861	$ -	**$ 3,861**
Load Group 3A	Total Capacity kVA	1,017,288	$ 0.0855	$ 0.0411	$ 0.1266	$ 86,978	$ 41,811	**$ 128,789**
Load Group 3A	Total KVA-KM	3,806,984	$ 0.0012	$ -	$ 0.0012	$ 4,568	$ -	**$ 4,568**
Load Group 3A	Total CPD kW	229,826	$ 0.4224	$ 0.0032	$ 0.4256	$ 97,079	$ 735	**$ 97,814**
Load Group 4	Number	3,433	$ 3.1559	$ -	$ 3.1559	$ 10,834	$ -	**$ 10,834**
Load Group 4	Total Capacity kVA	1,990,615	$ 0.0215	$ 0.0467	$ 0.0682	$ 42,798	$ 92,962	**$ 135,760**
Load Group 4	Total KVA-KM	4,001,775	$ 0.0009	$ -	$ 0.0009	$ 3,602	$ -	**$ 3,602**
Load Group 4	Total CPD kW	698,951	$ 0.2303	$ 0.2189	$ 0.4492	$ 160,968	$ 153,000	**$ 313,969**
Load Group 5	Number	365	$ 3.1559	$ -	$ 3.1559	$ 1,152	$ -	**$ 1,152**
Load Group 5	Total Capacity kVA	912,500	$ 0.0074	$ 0.0055	$ 0.0129	$ 6,753	$ 5,019	**$ 11,771**
Load Group 5	Total KVA-KM	1,095,000	$ 0.0011	$ -	$ 0.0011	$ 1,205	$ -	**$ 1,205**
Load Group 5	Total CPD kW	193,450	$ 0.1608	$ 0.2613	$ 0.4221	$ 31,107	$ 50,548	**$ 81,655**
Other Charges	Other Charge ($)	-	$ 1.0000	$ -	$ 1.0000	$ -	$ -	**$ -**
Transformer Charges	Other Charge ($)	78,977	$ 1.0000	$ -	$ 1.0000	$ 78,977	$ -	**$ 78,977**
Non-Standard	Number	1	$ 78,859	$ 53,886	$ 132,744	$ 78,859	$ 53,886	**$ 132,744**
Residential FKN Sub	kWh	2,877,133	$ 0.0742	$ 0.0080	$ 0.0822	$ 213,483	$ 23,017	**$ 236,500**
Residential FKN Sub	kWh	4,401,607	$ 0.0894	$ 0.0859	$ 0.1753	$ 393,504	$ 378,098	**$ 771,602**
Residential FKN Sub	kWh	564,124	$ 0.0279	$ 0.0177	$ 0.0456	$ 15,739	$ 9,985	**$ 25,724**
Residential FKN Sub	kWh	197,315	$ 0.0170	$ 0.0111	$ 0.0281	$ 3,354	$ 2,190	**$ 5,545**
Residential FKN Sub	kWh	2,428,131	$ 0.0190	$ 0.0123	$ 0.0313	$ 46,134	$ 29,866	**$ 76,001**
Residential FKN Sub	kWh	102,501	$ 0.0121	$ -	$ 0.0121	$ 1,240	$ -	**$ 1,240**
Residential FKN Sub	kWh	65,270	$ 0.0428	$ 0.0271	$ 0.0699	$ 2,794	$ 1,769	**$ 4,562**
					Total Queenstown	$ 14,492,435	$ 7,913,379	**$ 22,405,814**

D.4. TE ANAU

Table 20, below, provides:

- forecast quantities, for the year ending 31 March 2023;
- distribution and pass-through prices, as at 1 April 2022; and
- forecast distribution and pass-through revenues, for the year ending 31 March 2023

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

Table 20: Price-quantity calculations for the year ending 31 March 2023 - Te Anau (Heritage Estate)

Load Group	Charge Type	Forecast Quantities for the year ending 31 March 2023	Distribution Price	Pass-through and Recoverable Price	Price	Distribution Forecast Revenue	Pass-through and Recoverable Forecast Revenue	Total Forecast Revenue for the year ending 31 March 2023
Residential 15	Number	50,249	$ 0.3000	$ -	$ 0.3000	$ 15,075	$ -	**$ 15,075**
Residential 8	Number	1,166	$ 0.0820	$ -	$ 0.0820	$ 96	$ -	**$ 96**
Load Group 0	Number	-	$ 1.3747	$ -	$ 1.3747	$ -	$ -	**$ -**
Load Group 0A	Number	1,074	$ 1.3747	$ -	$ 1.3747	$ 1,476	$ -	**$ 1,476**
Load Group 1A	Number	389	$ 0.0333	$ -	$ 0.0333	$ 13	$ -	**$ 13**
Load Group 1A	Total Capacity kVA	2,931	$ 0.0778	$ -	$ 0.0778	$ 228	$ -	**$ 228**
Load Group 1A	Total CPD kW	314	$ 0.7294	$ -	$ 0.7294	$ 229	$ -	**$ 229**
Load Group 1	Number	-	$ 0.0333	$ -	$ 0.0333	$ -	$ -	**$ -**
Load Group 1	Total Capacity kVA	-	$ 0.0778	$ -	$ 0.0778	$ -	$ -	**$ -**
Load Group 1	Total CPD kW	-	$ 0.7294	$ -	$ 0.7294	$ -	$ -	**$ -**
Load Group 2	Number	1,226	$ 0.0701	$ -	$ 0.0701	$ 86	$ -	**$ 86**
Load Group 2	Total Capacity kVA	35,311	$ 0.0653	$ -	$ 0.0653	$ 2,306	$ -	**$ 2,306**
Load Group 2	Total CPD kW	2,734	$ 0.7049	$ -	$ 0.7049	$ 1,927	$ -	**$ 1,927**
Residential Heritage	kWh	343,397	$ 0.1084	$ -	$ 0.1084	$ 37,224	$ -	**$ 37,224**
Residential Heritage	kWh	328,631	$ 0.1673	$ -	$ 0.1673	$ 54,980	$ -	**$ 54,980**
Residential Heritage	kWh	1,678	$ 0.0397	$ -	$ 0.0397	$ 67	$ -	**$ 67**
Residential Heritage	kWh	145,098	$ 0.0460	$ -	$ 0.0460	$ 6,675	$ -	**$ 6,675**
Residential Heritage	kWh	12,192	$ 0.0236	$ -	$ 0.0236	$ 288	$ -	**$ 288**
Street Lighting kWh	kWh	24,819	$ 0.0756	$ -	$ 0.0756	$ 1,876	$ -	**$ 1,876**
Street Lighting Lamps	#lamps	31,594	$ 0.0396	$ -	$ 0.0396	$ 1,251	$ -	**$ 1,251**
					Total Te Anau	$ 123,796	$ -	**$ 123,796**

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