

31 AUGUST 2025

ANNUAL COMPLIANCE STATEMENT

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1. INTRODUCTION

1.1. CONTEXT

1. Aurora Energy is subject to price-quality 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. For this CPP Assessment Period ending 31 March 2025, Aurora Energy is subject to the *Aurora Energy Limited Electricity Distribution Customised Price-Quality Path Determination 2021* (**Determination**).
4. Clause 11.4 of the Determination requires Aurora Energy to provide to the Commission an annual compliance statement in respect of the Wash-up Amount calculation, quality standards, quality incentives and transactions, no later than 5 months after the end of each CPP Assessment Period. This annual compliance statement (**Statement**) has been prepared pursuant to that clause for the CPP Assessment Period ending 31 March 2025.

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 2012* (**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 in 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 11.5 of the Determination on 27 August 2025. A copy of the Director's Certificate can be found in Appendix B.

1.5. ASSURANCE REPORT

8. Audit NZ has prepared an assurance report that meets the requirements of schedule 8 of the Determination. A copy of that report can be found in Appendix C.

2. WASH-UP AMOUNT CALCULATION

2.1. STATEMENT OF COMPLIANCE

9. As demonstrated in section 2.2, Aurora Energy has complied with the requirements to calculate the Wash-up Amount in clause 8.6 of the Determination for the CPP Assessment Period ending 31 March 2025.

2.2. CALCULATION OF THE WASH-UP AMOUNT

10. Clause 8.6 of the Determination requires that Aurora Energy must calculate the Wash-up Amount for each CPP Assessment Period using the methodology specified in Schedule 1.5 of the Determination.

11. Table 1 demonstrates the calculation of the Wash-up Amount in accordance with the formula set out in Schedule 1.5 of the Determination. The three components of this calculation are described in more detail in sections 2.3 to 2.5 of this Statement.

Table 1: Wash-up amount calculation

Wash-up Amount for the 2025 CPP Assessment Period		
Term	Description	Value (\$000)
Actual Allowable Revenue (AAR)	Actual Net Allowable Revenue <i>plus</i> Actual Pass-through Costs and Recoverable Costs <i>plus</i> Revenue Wash-up Draw Down Amount.	\$185,498
Actual Revenue (AR)	Sum of Actual Revenue From Prices <i>plus</i> Other Regulated Income.	\$154,397
Revenue Foregone (RV)	Actual Net Allowable Revenue x (Revenue Reduction Percentage – 20%) when Revenue Reduction Percentage is greater than 20%, otherwise nil.	Nil
Wash-up Amount	$AAR - AR - RV$	\$31,101

2.3. CALCULATION OF ACTUAL ALLOWABLE REVENUE

12. Schedule 1.5 of the Determination defines Actual Allowable Revenue for the second to fifth CPP Assessment Periods, as—

Actual Net Allowable Revenue *plus* Actual Pass-through Costs and Recoverable Costs *plus* Revenue Wash-up Draw Down Amount

13. The calculation of the Actual Allowable Revenue for our fourth CPP Assessment Period is shown in Table 2.

Table 2: Actual Allowable Revenue for the 2025 CPP Assessment Period

Actual Allowable Revenue for the 2025 CPP Assessment Period		
Term	Description	Value (\$000)
Actual Net Allowable Revenue (ANAR)	The amount calculated in the manner specified in paragraph (3) of Schedule 1.5.	\$103,970
Actual Pass-through Costs	Sum of all Pass-through Costs that were incurred or approved by the Commission in the CPP Assessment Period.	\$2,660
Actual Recoverable Costs	Sum of all Recoverable Costs that were incurred or approved by the Commission in the CPP Assessment Period, excluding any Revenue Wash-up Draw Down Amount.	\$51,831
Revenue Wash-up Draw Down Amount	The Revenue Wash-up Draw Down Amount is the Opening Wash-up Account Balance specified in Schedule 1.6.	\$27,038
Total Actual Allowable Revenue (AAR)	Actual Net Allowable Revenue + Actual Pass-through Costs and Recoverable Costs + Revenue Wash-up Draw Down Amount	\$185,498

2.3.1. Actual Net Allowable Revenue

14. The Actual Net Allowable Revenue for the second to fifth CPP Assessment Periods means the amount calculated by—

Actual Net Allowable Revenue of the previous CPP Assessment Period x (1 + ΔCPI_t) x (1 - X)

where:

ΔCPI is the derived change in the CPI to be applied for the CPP Assessment Period, calculated in accordance with the following formula —

$$\Delta CPI = \frac{CPI_{Jun,t-1} + CPI_{Sep,t-1} + CPI_{Dec,t-1} + CPI_{Mar,t}}{CPI_{Jun,t-2} + CPI_{Sep,t-2} + CPI_{Dec,t-2} + CPI_{Mar,t-1}} - 1$$

where:

$CPI_{q,t-n}$ is the CPI for the quarter year ending q in the 12-month period n prior to year t;

t is the year in which the CPP Assessment Period ends; and

X is the annual rate of change, as specified in clause 8.2.

15. The calculation of Actual Net Allowable Revenue for our fourth CPP Assessment Period is shown in Table 3. The value of the Actual Net Allowable Revenue for the third CPP Assessment Period RY24, has been recalculated following Aurora Energy’s Capacity Event and WACC Reopeners. The amended

Wash-up Amount Calculation

value and its calculation can be found in Table 2 of Appendix E.5 of [Aurora Energy's Annual Price-Setting Compliance Statement 1 April 2025](#).

Table 3: Actual Net Allowable Revenue for the 2025 CPP Assessment Period

Actual Net Allowable Revenue for the 2025 CPP Assessment Period		
Term	Description	Value (\$000)
Actual Net Allowable Revenue of the previous CPP Assessment Period	Amount specified as Actual Net Allowable Revenue for the third CPP Assessment Period as recalculated following Aurora Energy's Capacity Event and WACC Reopeners.	\$106,716
ΔCPI_t	ΔCPI_t is the derived change in the CPI to be applied for the CPP Assessment Period	2.6%
X	X is the annual rate of change, as specified in clause 8.2	5.0%
Actual Net Allowable Revenue	Actual Net Allowable Revenue of the previous CPP Assessment Period $\times (1 + \Delta\text{CPI}_t) \times (1 - X)$	\$103,970

Actual Pass-through Costs and Recoverable Costs

16. Further information supporting Actual Pass-through Costs and Recoverable Costs is included in Appendix D.

2.3.2. Revenue Wash-up Draw Down Amount

17. The Revenue Wash-up Draw Down Amount is the Opening Wash-up Account Balance specified in Schedule 1.6.
18. The Opening Wash-up Account Balance for the fourth CPP Assessment Period, means the Closing Wash-up Account Balance of the previous (third) CPP Assessment Period.
19. The Closing Wash-up Account Balance of the previous (third) CPP Assessment Period is calculated as-

$$(\text{Wash-up Amount for the previous (second) CPP Assessment Period} - \text{Voluntary Undercharging Amount Foregone for the previous CPP Assessment Period}) \times (1 + 67^{\text{th}} \text{ Percentile Estimate of Post-tax WACC})^2$$

20. The Voluntary Undercharging Amount Foregone for each CPP Assessment Period is nil.
21. The Revenue Wash-up Draw Down Amount for RY25 (calculated by reference to the Wash-up Amount for RY23) has been recalculated following Aurora Energy's Capacity Event and WACC Reopeners. The amended value and its calculation can be found in Table 9 of Appendix E.4 of [Aurora Energy's Annual Price-Setting Compliance Statement 1 April 2025](#).

2.4. ACTUAL REVENUE

22. Clause 4.2 of the Determination defines Actual Revenue as the sum of Actual Revenue From Prices plus Other Regulated Income.

Table 4: Actual Revenue for the 2025 CPP Assessment Period

Actual Revenue for the 2025 CPP Assessment Period		
Term	Description	Value (\$000)
Actual Revenue from Prices	Actual prices for the CPP Assessment Period multiplied by actual quantities for the CPP Assessment Period.	\$154,951
Other Regulated Income	Other income associated with supply of Electricity Lines Services.	(\$554)
Total Actual Revenue (AR)	Sum of Actual Revenue From Prices plus Other Regulated Income	\$154,397

23. Further information supporting Actual Revenue From Prices is included in Appendix E.

2.5. REVENUE FOREGONE

24. Revenue Foregone means:

- Where the Revenue Reduction Percentage is greater than 20%, the ‘revenue foregone’ must be calculated in accordance with the formula:

$$\text{Actual Net Allowable Revenue} \times (\text{Revenue Reduction Percentage} - 20\%); \text{ and}$$

- Where the Revenue Reduction Percentage is not greater than 20%, the ‘revenue foregone’ is nil.

25. Aurora Energy’s Revenue Reduction Percentage for the CPP Assessment Period is 1.9%, as demonstrated in Table 5.

26. Aurora Energy’s Revenue Foregone for the CPP Assessment Period is nil.

Table 5: Revenue foregone for the 2025 CPP Assessment Period

Revenue Foregone for the 2025 CPP Assessment Period		
Term	Description	Value (\$000)
Actual Net Allowable Revenue (ANAR)	The amount calculated in the manner specified in paragraph (3) of Schedule 1.5.	\$103,970
Actual Revenue From Prices	Actual prices for the CPP Assessment Period multiplied by actual Quantities for the CPP Assessment Period	\$154,951
Forecast Revenue From Prices	Actual prices for the CPP Assessment Period multiplied by Forecast Quantities for the CPP Assessment Period	\$157,980
Revenue Reduction Percentage (RRP)	1 - (Actual Revenue From Prices / Forecast Revenue From Prices)	1.9%
Revenue Foregone (RV)	Actual Net Allowable Revenue x (RRP - 20%) when RRP is greater than 20%, otherwise nil	Nil

3. QUALITY STANDARDS

3.1. PLANNED INTERRUPTIONS QUALITY STANDARD

- 27. Clause 9.1 of the Determination requires that Aurora Energy must comply with the planned interruption’s reliability assessment cap specified in clause 9.2 of the Determination for the CPP Regulatory Period. Compliance with the quality standard will be assessed at the end of the CPP Regulatory Period.
- 28. For the purposes of this Statement, Table 6 and Table 7 demonstrate Aurora Energy’s Planned SAIDI Assessed Value and Planned SAIFI Assessed Value and the relevant limits.

Table 6: Planned interruptions quality standard compliance for the 2025 CPP Assessment Period - SAIDI

Planned interruptions quality standard for the 2025 CPP Assessment Period - SAIDI	
Sum of Planned SAIDI Assessed Values ≤ Planned Accumulated SAIDI Limit	
Planned Accumulated SAIDI Limit	979.80
Planned SAIDI Assessed Value for the first CPP Assessment Period	124.50
Planned SAIDI Assessed Value for the second CPP Assessment Period	110.34
Planned SAIDI Assessed Value for the third CPP Assessment Period	121.83
Planned SAIDI Assessed Value for the fourth CPP Assessment Period	90.08
Planned accumulated SAIDI	446.75

Table 7: Planned interruptions quality standard compliance for the 2025 CPP Assessment Period - SAIFI

Planned interruptions quality standard for the 2025 CPP Assessment Period - SAIFI	
Sum of Planned SAIFI Assessed Values ≤ Planned Accumulated SAIFI Limit	
Planned Accumulated SAIFI Limit	5.5385
Planned SAIFI Assessed Value for the first CPP Assessment Period	0.8271
Planned SAIFI Assessed Value for the second CPP Assessment Period	0.6022
Planned SAIFI Assessed Value for the third CPP Assessment Period	0.7561
Planned SAIFI Assessed Value for the fourth CPP Assessment Period	0.5528
Planned accumulated SAIFI	2.7382

- 29. Further information supporting Planned SAIDI and SAIFI Assessed Values is included in section 3.4.

3.2. UNPLANNED INTERRUPTIONS QUALITY STANDARD

- 30. Aurora Energy has complied with the unplanned interruptions quality standard specified in clause 9.3 of the Determination for the CPP Assessment Period ending 31 March 2025.
- 31. Clause 9.3 of the Determination requires that Aurora Energy must, in respect of each CPP Assessment Period, comply with the annual unplanned interruptions reliability assessment specified in clause 9.4, for that CPP Assessment Period.
- 32. Aurora Energy has complied with the unplanned interruption quality standard as demonstrated in Table 8 and Table 9.

Table 8: Unplanned interruptions quality standard compliance for the 2025 CPP Assessment Period - SAIDI

Unplanned interruptions quality standard for the 2025 CPP Assessment Period - SAIDI	
Sum of Unplanned SAIDI Assessed Values ≤ Unplanned SAIDI Limit	
Unplanned SAIDI Limit	124.94
Unplanned SAIDI Assessed Value	77.24
Compliance result	Compliant

Table 9: Unplanned interruptions quality standard compliance for the 2025 CPP Assessment Period - SAIFI

Unplanned interruptions quality standard for the 2025 CPP Assessment Period - SAIFI	
Sum of Unplanned SAIFI Assessed Values ≤ Unplanned SAIFI Limit	
Unplanned SAIFI limit	2.0710
Unplanned SAIFI assessed value	1.1552
Compliance result	Compliant

- 33. Further information supporting Unplanned SAIDI and SAIFI Assessed Values is included in section 3.5 and Appendix F.

3.3. EXTREME EVENT STANDARD

- 34. Aurora Energy has complied with the extreme event quality standard specified in clause 9.5 of the Determination for the CPP Assessment Period ending 31 March 2025.
- 35. Clause 9.5 of the Determination requires that Aurora Energy must, in respect of each CPP Assessment Period, comply with the extreme event standard specified in clause 9.6 for that CPP Assessment Period. Compliance is demonstrated in Table 10.

Table 10: Extreme Event quality standard compliance for the 2025 CPP Assessment Period - SAIDI

Extreme Event quality standard for the 2025 CPP Assessment Period – SAIDI	
Unplanned SAIDI value > 120 minutes, and customer interruption minutes > six million during any 24-hour period, excluding unplanned interruptions from major external factors	
Number of extreme events	Compliance result
0	Compliant

3.4. PLANNED SAIDI AND SAIFI ASSESSED VALUES

36. Table 11 and Table 12 demonstrate Aurora Energy’s planned SAIDI and SAIFI Assessed Values for the CPP Assessment Period.

Table 11: Planned SAIDI Assessed Value for the 2025 CPP Assessment Period

Planned SAIDI Assessed Value for the 2025 CPP Assessment Period		
Term	Description	Value
Class B non-notified interruptions		1.46
Class B Notified Interruptions falling outside the Notified Interruption Window		5.20
SAIDI _B	Sum of Class B non-notified interruptions	6.66
Class B Notified Interruptions falling inside the Notified Interruption Window		163.30
Class B Intended Interruptions Cancelled Without Notice		3.54
Class B Intended Interruptions Cancelled With Notice		0.00
SAIDI _N	Sum of Class B Notified Interruptions	166.83
Planned SAIDI Assessed Value	SAIDI _B + (SAIDI _N / 2)	90.08

Table 12: Planned SAIFI Assessed Value for the 2025 CPP Assessment Period

Planned SAIFI Assessed Value for the 2025 CPP Assessment Period		
Term	Description	Value
Planned SAIFI Assessed Value	Sum of SAIFI Values for Class B Interruptions commencing within the CPP Assessment Period	0.5528

3.5. MAJOR EVENTS

3.5.1. SAIDI and SAIFI boundary values

37. Aurora Energy’s SAIDI Unplanned Boundary Value and SAIFI Unplanned Boundary Value are set out in Table 13.

Table 13: SAIDI Unplanned Boundary Value and SAIFI Unplanned Boundary Value

Aurora Energy’s SAIDI Unplanned Boundary Value and SAIFI Unplanned Boundary Value	
Term	Value
SAIDI Unplanned Boundary Value	5.69
SAIFI Unplanned Boundary Value	0.0737

3.5.2. SAIDI Major Events

38. Aurora Energy experienced two SAIDI Major Events on its network during the CPP Assessment Period. Table 14, sets out the start and end dates and times of those Major Events and the SAIDI values attributed to each.

39. Further information about each SAIDI Major Event is included in Appendix F.

Table 14: Unplanned SAIDI major events during the 2025 CPP Assessment Period

Unplanned SAIDI Major Events during the 2025 CPP Assessment Period			
Start	End	Pre-normalised unplanned SAIDI value	Normalised SAIDI value
12/09/2024 05:30 AM	14/09/2024 04:30 AM	10.51	1.34
17/03/2025 10:30 PM	19/03/2025 09:30 PM	5.79	0.17

3.5.3. SAIFI Major Events

40. Aurora Energy experienced one SAIFI Major Event on its network during the CPP Assessment Period. Table 15, sets out the start and end dates and times of those Major Events and the SAIFI values attributed to those Major Events.

41. Further information about the SAIFI Major Event is included in Appendix F.

Table 15: Unplanned SAIFI major events during the 2025 CPP Assessment Period

Unplanned SAIFI Major Events during the 2025 CPP Assessment Period			
Start	End	Pre-normalised unplanned SAIFI value	Normalised SAIFI value
17/03/2025 10:30 PM	19/03/2025 09:30 PM	0.0973	0.0024

3.6. MEASURING PLANNED AND UNPLANNED INTERRUPTIONS

42. Information about policies, procedures and calculations for measuring planned and unplanned interruptions during the CPP Assessment Period is set out in Appendix G.

3.7. DETAILS OF INTERRUPTIONS

43. Details of each:

- Class B Interruption during the CPP Regulatory Period; and
- Class C Interruption during the CPP Assessment Period

can be found alongside this Annual Compliance Statement at <https://www.auroraenergy.co.nz/disclosures/>.

4. QUALITY INCENTIVE ADJUSTMENT

44. Table 16, demonstrates the calculation of Aurora Energy’s Quality Incentive Adjustment for the CPP Assessment Period in accordance with the Determination.

Table 16: Quality Incentive Adjustment calculation for the 2025 CPP Assessment Period

Quality Incentive Adjustment calculation for the 2025 CPP Assessment Period		
Term	Description	Value (\$)
SAIDI planned adjustment	$(SAIDI_{\text{planned, target}} - SAIDI_{\text{planned, assessed}}) \times 0.5 \times IR$	(127,905)
SAIDI unplanned adjustment	$(SAIDI_{\text{unplanned, target}} - SAIDI_{\text{unplanned, assessed}}) \times IR$	154,803
Total adjustment	SAIDI planned adjustment + SAIDI unplanned adjustment	26,898
Revenue at risk	$0.02 \times ANAR$	2,079,400
Total penalty/reward		26,898
67th Percentile Estimate of Post-tax WACC		4.23%
Quality Incentive Adjustment		29,222

45. Table 17, sets out the inputs to the Quality Incentive Adjustment calculation.

Table 17: Quality Incentive Adjustment inputs for the 2025 CPP Assessment Period

Quality Incentive Adjustment inputs for the 2025 CPP Assessment Period		
Term	Units	Value
Planned interruptions		
SAIDI Planned Interruption Cap	minutes	195.96
SAIDI Planned Interruption Collar	minutes	0.00
SAIDI Planned Interruption Target	minutes	72.16
Planned SAIDI Assessed Value	minutes	90.08
Incentive Rate	\$	14,279
Actual Net Allowable Revenue (ANAR)	\$	103,970,000

Quality Incentive Adjustment



Minimum of the Planned SAIDI Cap and assessed value	minutes	90.08
Planned SAIDI subject to incentive	minutes	(17.92)
Adjustment (IR x 0.5)	\$	7,140
SAIDI planned adjustment	\$	(127,905)
Unplanned interruptions		
SAIDI Unplanned Interruption Cap	minutes	124.94
SAIDI Unplanned Interruption Collar	minutes	0.00
SAIDI Unplanned Interruption Target	minutes	88.08
Unplanned SAIDI Assessed Value	minutes	77.24
Minimum of the Unplanned SAIDI Cap and assessed value	minutes	77.24
Unplanned SAIDI subject to incentive	minutes	10.84
Adjustment (IR)	\$	14,279
SAIDI unplanned adjustment	\$	154,803

5. MISCELLANEOUS STATEMENTS

5.1. AMALGAMATION, MERGER, MAJOR TRANSACTION, TRANSFER

46. Clause 11.5(c) of the Determination requires Aurora Energy to include in this Statement copies of notifications made in accordance with clause 10.1 of the Determination. Aurora Energy has not entered into an agreement for an Amalgamation, Merger, Major Transaction, or Transfer in the CPP Assessment Period ending 31 March 2025, so has not been required to notify the Commission.

5.2. RY23 NOTIFICATION OF TRANSFER

47. On 14 September 2022, Aurora Energy notified the Commission that Aurora Energy had entered into an agreement with an exempt electricity distribution business (EDB) that would result in a Transfer. A copy of the notification was included in Aurora Energy's RY23 Annual Compliance Statement at Appendix H.
48. At the time of preparing this Statement, Aurora Energy was liaising with the Commerce Commission and the exempt EDB in relation to the requirements of clause 10 of the Determination that relate to a Transfer.

Appendix A. COMPLIANCE MATRIX

This schedule demonstrates how this Statement complies with the Determination.

Determination Requirement	Determination Reference	Statement Reference
The annual compliance statement must:	Clause 11.5	
state whether Aurora has—	Clause 11.5(a)	
complied with the requirements to calculate the Wash-up Amount under clause 8.6 for the CPP Assessment Period; and	Clause 11.5(a)(i)	Section 2.1
complied with the quality standards in clause 9 for the CPP Assessment Period;	Clause 11.5(a)(ii)	Sections 3.1, 3.2, and 3.3
state the day on which the statement was prepared;	Clause 11.5(b)	Section 1.4
include copies of notifications made in accordance with clause 10.1;	Clause 11.5(c)	Section 5
include a certificate in the form set out in Schedule 7, signed by at least one Director of Aurora; and	Clause 11.5(d)	Appendix B
be accompanied by an assurance report meeting the requirements in Schedule 8, in respect of all information contained in the ‘annual compliance statement’; and	Clause 11.5(e)	Appendix C
include any information reasonably necessary to demonstrate whether Aurora has complied with clause 8.6, clause 9, clauses 10.1-10.14, and Schedule 4, including:	Clause 11.5(f)	
<u>Wash-up Amount calculation (clause 8.6)</u>		
details of the Wash-up Amount calculation as specified in clause 8.6, together with supporting information for all components of the calculation;	Clause 11.5(f)(i)	Section 2, Appendix D and Appendix E
<u>Compliance with quality standards (clause 9) and quality incentive adjustment (Schedule 4)</u>		

Determination Requirement	Determination Reference	Statement Reference
actions taken to mitigate any non-compliance with clause 9 and Schedules 3.1-3.2 and to prevent similar non-compliance in future CPP Assessment Periods;	Clause 11.5(f)(ii)	N/A
the Planned SAIDI Assessed Value and Planned SAIFI Assessed Value for the CPP Assessment Period, and any supporting calculations (including those in Schedule 3.1);	Clause 11.5(f)(iii)	Sections 3.1 and 3.4
for the annual unplanned interruptions reliability assessment specified in clause 9.4, the Unplanned SAIDI Assessed Value, Unplanned SAIFI Assessed Value, Unplanned SAIDI Limit, Unplanned SAIFI Limit, SAIDI Unplanned Boundary Value, and SAIFI Unplanned Boundary Value for the CPP Assessment Period, and any supporting calculations (including those in Schedule 3.2);	Clause 11.5(f)(iv)	Sections 3.2, 3.5 and Appendix F
for the Quality Incentive Adjustment, SAIDI Planned Interruption Cap, SAIDI Unplanned Interruption Cap, SAIDI Planned Interruption Collar, SAIDI Unplanned Interruption Collar, SAIDI Planned Interruption Target, SAIDI Unplanned Interruption Target and Incentive Rate for the CPP Assessment Period, and any supporting calculations (including those in Schedule 4);	Clause 11.5(f)(v)	Section 4
a description of the policies and procedures which Aurora has used for capturing data and recording Class B Interruptions and Class C Interruptions, and for calculating Planned SAIDI Assessed Values, Unplanned SAIDI Assessed Values, Planned SAIFI Assessed Values, and Unplanned SAIFI Assessed Values for the CPP Assessment Period; and	Clause 11.5(f)(vi)	Appendix G
information relating to each SAIDI Major Event within the assessment period, including:	Clause 11.5(f)(vii)	
the Cause of the SAIDI Major Event;	Clause 11.5(f)(vii)(A)	
the start date (dd/mm/yyyy) of the SAIDI Major Event;	Clause 11.5(f)(vii)(B)	Appendix F
the start time (hh:mm am/pm) of the SAIDI Major Event;	Clause 11.5(f)(vii)(C)	
the end date (dd/mm/yyyy) of the SAIDI Major Event;	Clause 11.5(f)(vii)(D)	
the end time (hh:mm am/pm) of the SAIDI Major Event;	Clause 11.5(f)(vii)(E)	

Determination Requirement	Determination Reference	Statement Reference
the SAIDI Value of the SAIDI Major Event before any replacements under paragraph (2) of Schedule 3.2 occurred;	Clause 11.5(f)(vii)(F)	
the replaced SAIDI Value of the SAIDI Major Event in accordance with paragraph (2) of Schedule 3.2;	Clause 11.5(f)(vii)(G)	
the location of the SAIDI Major Event;	Clause 11.5(f)(vii)(H)	
the Main Equipment involved in the SAIDI Major Event;	Clause 11.5(f)(vii)(I)	
how Aurora responded to the SAIDI Major Event;	Clause 11.5(f)(vii)(J)	
any mitigating factors that may have prevented or minimised the SAIDI Major Event; and	Clause 11.5(f)(vii)(K)	
a description of any steps Aurora proposes to take to mitigate the risk of future similar SAIDI Major Events; and	Clause 11.5(f)(vii)(L)	
information relating to each SAIFI Major Event within the assessment period, including:	Clause 11.5(f)(viii)	
the Cause of the SAIFI Major Event;	Clause 11.5(f)(viii)(A)	
the start date (dd/mm/yyyy) of the SAIFI Major Event;	Clause 11.5(f)(viii)(B)	
the start time (hh:mm am/pm) of the SAIFI Major Event;	Clause 11.5(f)(viii)(C)	
the end date (dd/mm/yyyy) of the SAIFI Major Event;	Clause 11.5(f)(viii)(D)	Appendix F
the end time (hh:mm am/pm) of the SAIFI Major Event;	Clause 11.5(f)(viii)(E)	
the SAIFI Value of the SAIFI Major Event before any replacements under paragraph (3) of Schedule 3.2 occurred;	Clause 11.5(f)(viii)(F)	
the replaced SAIFI Value of the SAIFI Major Event in accordance with paragraph (3) of Schedule 3.2;	Clause 11.5(f)(viii)(G)	

Determination Requirement	Determination Reference	Statement Reference
the location of the SAIFI Major Event;	Clause 11.5(f)(viii)(H)	
the Main Equipment involved in the SAIFI Major Event;	Clause 11.5(f)(viii)(I)	
how Aurora responded to the SAIFI Major Event;	Clause 11.5(f)(viii)(J)	
any mitigating factors that may have prevented or minimised the SAIFI Major Event;	Clause 11.5(f)(viii)(K)	
a description of any steps Aurora proposes to take to mitigate the risk of future similar SAIFI Major Events; and	Clause 11.5(f)(viii)(L)	
for each Class B Interruption during the CPP Regulatory Period:	Clause 11.5(f)(ix)	
the start date (dd/mm/yyyy) of the Class B Interruption;	Clause 11.5(f)(ix)(A)	
the start time (hh:mm am/pm) of the Class B interruption;	Clause 11.5(f)(ix)(B)	
the end date (dd/mm/yyyy) of the Class B Interruption;	Clause 11.5(f)(ix)(C)	Section 3.7
the end time (hh:mm am/pm) of the Class B interruption;	Clause 11.5(f)(ix)(D)	
SAIDI Value of the Class B Interruption; and	Clause 11.5(f)(ix)(E)	
SAIFI Value of the Class B Interruption;	Clause 11.5(f)(ix)(F)	
for each Class C Interruption during the CPP Assessment Period:	Clause 11.5(f)(x)	
the start date (dd/mm/yyyy) of the Class C Interruption;	Clause 11.5(f)(x)(A)	
the start time (hh:mm am/pm) of the Class C interruption;	Clause 11.5(f)(x)(B)	Section 3.7
the end date (dd/mm/yyyy) of the Class C Interruption;	Clause 11.5(f)(x)(C)	
the end time (hh:mm am/pm) of the Class C interruption;	Clause 11.5(f)(x)(D)	

Determination Requirement	Determination Reference	Statement Reference
SAIDI Value of the Class C Interruption;	Clause 11.5(f)(x)(E)	
SAIFI Value of the Class C Interruption; and	Clause 11.5(f)(x)(F)	
the Cause;	Clause 11.5(f)(x)(G)	
<u>Transactions</u>		
all information and calculations required to be made under clauses 10.2- 10.14, including:	Clause 11.5(f)(xi)	
all adjusted measures made in accordance with clauses 10.2-10.14;	Clause 11.5(f)(xi)(A)	
any supporting information and calculations used to determine the adjusted measures made in accordance with clauses 10.2-10.14;	Clause 11.5(f)(xi)(B)	
details of the Wash-up Amount calculation for the period for the CPP Assessment Period commencing 1 April and ending on the day where a Transfer, Major Transaction, Amalgamation, or Merger has occurred, and any supporting information for all components of the calculation;	Clause 11.5(f)(xi)(C)	
the sum of the SAIDI Values for Class B Interruptions for the period in a CPP Assessment Period commencing 1 April and ending on the day where a Transfer, Major Transaction, Amalgamation, or Merger has occurred, and any supporting calculations;	Clause 11.5(f)(xi)(D)	N/A
the sum of the SAIDI Values for Class C Interruptions for the period in a CPP Assessment Period commencing 1 April and ending on the day where a Transfer, Major Transaction, Amalgamation, or Merger has occurred, and any supporting calculations;	Clause 11.5(f)(xi)(E)	
the sum of the SAIFI Values for Class B Interruptions for the period in a CPP Assessment Period commencing 1 April and ending on the day where a Transfer, Major Transaction, Amalgamation, or Merger has occurred, and any supporting calculations; and	Clause 11.5(f)(xi)(F)	

Determination Requirement	Determination Reference	Statement Reference
the sum of the SAIFI Values for Class C Interruptions for the period in a CPP Assessment Period commencing 1 April and ending on the day where a Transfer, Major Transaction, Amalgamation, or Merger has occurred, and any supporting calculations.	Clause 11.5(f)(xi)(G)	

Appendix B. DIRECTOR'S CERTIFICATE

Clause 11.5(d)

We, Stephen Richard Thompson and Janice Evelyn Fredric, being directors of Aurora Energy Limited certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached annual 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.

A handwritten signature in black ink, appearing to read "Stephen Thompson".

Stephen Richard Thompson

A handwritten signature in black ink, appearing to read "J E Fredric".

Janice Evelyn Fredric

27 August 2025

Appendix C. ASSURANCE REPORT

AUDIT NEW ZEALAND
Mana Arotake Aotearoa

Independent Assurance Report

**To the directors of Aurora Energy Limited and to the Commerce Commission
on the Annual Compliance Statement
for the assessment period ended 31 March 2025
as required by the Aurora Energy Limited Electricity Distribution Customised
Price-Quality Path Determination 2021 [2021] NZCC3**

The Auditor-General is the auditor of Aurora Energy Limited (the company). The Auditor-General has appointed me, Chantelle Gernetzky, using the staff and resources of Audit New Zealand, to undertake a reasonable assurance engagement, on his behalf, on whether the Annual Compliance Statement on pages 4 to 21 and 26 to 47 for the assessment period ended on 31 March 2025 has been prepared, in all material respects, in compliance with the Aurora Energy Limited Electricity Distribution Customised Price-Quality Path Determination 2021 [2021] NZCC3 (the Determination).

Opinion

In our opinion, in all material respects:

- as far as appears from our examination, the information used in the preparation of the Annual Compliance Statement has been properly extracted from the company's accounting and other records, sourced from its financial and non-financial systems; and
- the company has complied with clauses 11.5 and 11.6 of the Determination in preparing the Annual Compliance Statement for the assessment period ended 31 March 2025.

Basis for opinion

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised), *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* ("ISAE (NZ) 3000 (Revised)"), and the Standard on Assurance Engagements (SAE) 3100 (Revised), *Compliance Engagements* ("SAE 3100 (Revised)"), issued by the New Zealand Auditing and Assurance Standards Board. We have obtained sufficient recorded evidence and explanations that we required to provide a basis for our opinion.

Directors' responsibilities

The directors of the company are responsible for:

- the preparation of the Annual Compliance Statement under clause 11.4 and in accordance with the requirements in clauses 11.5 and 11.6 of the Determination; and
- the identification of risks that may threaten compliance with the clauses identified above and controls which will mitigate those risks and monitor ongoing compliance.

Auditor's responsibilities

Our responsibilities, in terms of clause 11.5(e) and schedule 8(1)(b)(vi) and 8(1)(c) of the Determination, are to express an opinion on whether:

- as far as appears from our examination, the information used in the preparation of the Annual Compliance Statement has been properly extracted from the company's accounting and other records, sourced from its financial and non-financial systems; and
- the Annual Compliance Statement, for the assessment period ended 31 March 2025, has been prepared, in all material respects, in accordance with the requirements in clauses 11.5 and 11.6 of the Determination.

To meet these responsibilities, we planned and performed procedures in accordance with ISAE (NZ) 3000 (Revised) and SAE 3100 (Revised), to obtain reasonable assurance about whether the company has complied, in all material respects, with clauses 11.5 and 11.6 of the Determination.

In relation to the wash-up amount set out in clause 8.6 of the Determination, our procedures included recalculating the wash-up amount in accordance with schedule 1.5 of the Determination and assessing it against the amounts and disclosures contained on pages 4 to 7 of the Annual Compliance Statement.

In relation to the quality standards in clause 9 of the Determination, our procedures included examination, on a test basis, of evidence relevant to the values and disclosures contained on pages 8 to 12 of the Annual Compliance Statement.

In relation to the quality incentive adjustment set out in schedule 4 of the Determination, our procedures included recalculating the quality incentive adjustment in accordance with schedule 4 of the Determination and assessing it against the amounts and disclosures contained on pages 13 to 14 of the Annual Compliance Statement.

An assurance engagement to report on the company's compliance with the Determination involves performing procedures to obtain evidence about the compliance activity and controls implemented, to meet the requirements. The procedures selected depend on our judgement, including the identification and assessment of the risks of material non-compliance with the requirements.

Inherent limitations

Because of the inherent limitations of an assurance engagement, together with the internal control structure, it is possible that fraud, error or non-compliance with clauses 11.5 and 11.6 of the Determination may occur and not be detected. A reasonable assurance engagement throughout the assessment period does not provide assurance on whether compliance with clauses 11.5 and 11.6 of the Determination will continue in the future.

Restricted use

This report has been prepared for use by the directors of the company and the Commerce Commission in accordance with clause 11.5(e) of the Determination and is provided solely for the purpose of establishing whether the compliance requirements have been met.

We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the company and the Commerce Commission, or for any other purpose than that for which it was prepared.

Independence and quality control

We complied with the Auditor-General's independence and other ethical requirements, which incorporate the requirements of Professional and Ethical Standard 1, *International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand)* (PES 1), issued by the New Zealand Auditing and Assurance Standards Board. PES 1 is founded on the fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

We have also complied with the Auditor-General's quality management requirements, which incorporate the requirements of Professional and Ethical Standard 3, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements* (PES 3), issued by the New Zealand Auditing and Assurance Standards Board. PES 3 requires our firm to design, implement and operate a system of quality management including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

The Auditor-General and his employees, and Audit New Zealand and its employees, may deal with the company on normal terms within the ordinary course of trading activities of the company. Other than any dealings on normal terms within the ordinary course of trading activities of the company, this engagement, the assurance engagement on the Disclosure Information, the assurance engagement on the Annual Delivery Report, the assurance engagement on the operating leases information and the depreciation of existing assets information, and the annual audit of the company's financial statements and statement of service performance, we have no relationship with, or interests in, the company.

A handwritten signature in black ink, appearing to be "Chantelle Gernetzky".

Chantelle Gernetzky
Audit New Zealand
On behalf of the Auditor-General
Christchurch, New Zealand
27 August 2025

Appendix D. ACTUAL PASS-THROUGH AND RECOVERABLE COSTS AND PASS-THROUGH BALANCE

PASS-THROUGH COSTS

Table 18: Actual and forecast pass-through costs for the 2025 CPP Assessment Period

Actual and forecast Pass-through Costs for the 2025 CPP Assessment Period				
Actual Pass-through Costs	Actual (\$000)	Forecast (\$000)	Forecast variance (\$000)	Explanation for variances
Local Authority rates	\$1,699	\$1,641	\$58	Actual rates slightly higher than forecast
Commerce Act levies	\$493	\$450	\$43	Increase in levies
Electricity Authority levies	\$400	\$295	\$105	Increase in registry rate
Utilities Disputes levies	\$68	\$67	\$1	In line with forecast.
Total actual pass-through costs	\$2,660	\$2,454	\$206	

RECOVERABLE COSTS

Table 19: Actual and forecast recoverable costs for the 2025 CPP Assessment Period

Actual and forecast recoverable costs for the 2025 CPP Assessment Period				
Actual recoverable costs	Actual (\$000)	Forecast (\$000)	Forecast variance (\$000)	Explanation for variances
Opex Incentive Amount	\$28,435	\$28,435	\$0	In line with forecast
Capex Incentive Amount	(\$1,581)	(\$1,581)	\$0	In line with forecast
Transpower - Connection Charge	\$5,382	\$5,382	\$0	In line with forecast
Transpower - Benefits Based Charge	\$2,714	\$2,714	\$0	In line with forecast
Transpower - Residual Charge	\$17,311	\$17,311	\$0	In line with forecast
Transpower - Transitional Cap Adjustment	\$17	\$17	\$0	In line with forecast
Transpower - New Investment Charge	\$775	\$775	\$0	In line with forecast
System Operator services	\$0	\$0	-	-
Avoided Transmission Costs	\$0	\$0	-	-
Distributed Generation Allowance	\$0	\$0	-	-
Claw-back	\$0	\$0	-	-
Standard application fee for a CPP proposal	\$0	\$0	-	-
Commerce Commission assessment fee for a CPP proposal / determining a CPP	\$163	\$0	\$163	Item emerged post-forecast
Verifier fee under a CPP proposal	\$0	\$0	-	-
Auditor's fee associated with a CPP proposal	\$0	\$0	-	-
Engineer's fee associated with a CPP proposal	\$0	\$0	-	-
Catastrophic Event Allowance	\$0	\$0	-	-

Extended Reserve Allowance	\$0	\$0	-	
Quality Incentive Adjustment	(\$582)	(\$582)	\$0	In line with forecast
Capex Wash-up Adjustment	(\$831)	(\$831)	\$0	In line with forecast
Transmission asset wash-up adjustment	\$0	\$0	-	-
2013-15 NPV wash-up allowance	\$0	\$0	-	-
Reconsideration event allowance	\$0	\$0	-	-
Engineer's fee associated with a proposal of quality standard variation	\$0	\$0	-	-
Urgent Project Allowance	\$0	\$0	-	-
Fire and Emergency Management New Zealand (FENZ) levies	\$30	\$49	(\$19)	Decrease in contract works
Innovation Project Allowance	\$0	\$0	-	-
Total actual recoverable costs	\$51,831	\$51,687	\$144	

Appendix E. ACTUAL REVENUE FROM PRICES

49. Aurora Energy's Forecast Revenue From Prices for the fourth CPP Assessment Period disclosed in Aurora Energy's Price-Setting Compliance Statement for the period 1 April 2024 to 31 March 2025 was \$157,979,637.
50. Table 20, shows the actual Prices and Quantities for Actual Revenue From Prices for the 2025 CPP Assessment Period and includes \$26,100 of revenue from wash-up billing of prior period Quantities. Those prior period Quantities were invoiced at the price applicable at the time of consumption.

Table 20: Composition of Actual Revenue from Prices for the 2025 CPP Assessment Period

Load Group	Charge Type	Charge Applied	Actual Quantities as at 31 March 2025	Distribution Price	Pass-through and Recoverable Price	Distribution Actual Revenue	Pass-through and Recoverable Actual Revenue	Total Actual Revenue for the year ending 31 March 2025
Fixed charges - Dunedin								
Residential 15	Number	Daily	18,118,332	\$ -	\$ 0.6000	\$ -	\$ 10,870,999	\$ 10,870,999
Residential 8	Number	Daily	200,900	\$ -	\$ 0.1640	\$ -	\$ 32,931	\$ 32,931
Unmetered Supply	Number	Daily	1,460	\$ 0.0858	\$ -	\$ 125	\$ -	\$ 125
L0	Number	Daily	38,067	\$ 0.5709	\$ 0.3087	\$ 21,736	\$ 11,751	\$ 33,486
L0A	Number	Daily	60,967	\$ 1.0636	\$ 0.5746	\$ 64,844	\$ 35,030	\$ 99,874
Load Group 1A	Number	Daily	139,216	\$ 0.0647	\$ -	\$ 9,017	\$ -	\$ 9,017
Load Group 1A	Total Capacity kVA	Daily	1,113,512	\$ 0.0503	\$ 0.0407	\$ 56,019	\$ 45,315	\$ 101,333
Load Group 1A	Total CPD kW	Daily	146,753	\$ 0.5846	\$ 0.0669	\$ 85,795	\$ 9,816	\$ 95,611
Load Group 1	Number	Daily	1,010,317	\$ 0.0647	\$ -	\$ 65,435	\$ -	\$ 65,435
Load Group 1	Total Capacity kVA	Daily	15,154,410	\$ 0.0301	\$ 0.0435	\$ 455,962	\$ 659,320	\$ 1,115,282
Load Group 1	Total CPD kW	Daily	2,379,266	\$ 0.6393	\$ 0.0717	\$ 1,521,078	\$ 170,590	\$ 1,691,668
Load Group 2	Number	Daily	1,160,526	\$ 0.1276	\$ -	\$ 148,197	\$ -	\$ 148,197
Load Group 2	Total Capacity kVA	Daily	59,628,283	\$ 0.0372	\$ 0.0583	\$ 2,218,107	\$ 3,476,317	\$ 5,694,424
Load Group 2	Total CPD kW	Daily	8,778,707	\$ 0.6610	\$ 0.0675	\$ 5,802,728	\$ 592,558	\$ 6,395,286
Load Group 3	Number	Daily	41,763	\$ 1.7786	\$ -	\$ 74,283	\$ -	\$ 74,283
Load Group 3	Total Capacity kVA	Daily	8,146,242	\$ 0.0748	\$ 0.1116	\$ 609,338	\$ 909,121	\$ 1,518,458
Load Group 3	Total KVA-KM	Daily	45,017,531	\$ 0.0016	\$ -	\$ 72,028	\$ -	\$ 72,028
Load Group 3	Total CPD kW	Daily	2,037,090	\$ 0.5307	\$ 0.0568	\$ 1,081,083	\$ 115,706	\$ 1,196,790
Load Group 3A	Number	Daily	35,342	\$ 1.7786	\$ -	\$ 62,862	\$ -	\$ 62,862
Load Group 3A	Total Capacity kVA	Daily	10,674,962	\$ 0.0337	\$ 0.1183	\$ 359,748	\$ 1,262,846	\$ 1,622,594
Load Group 3A	Total KVA-KM	Daily	58,476,814	\$ 0.0016	\$ -	\$ 93,563	\$ -	\$ 93,563
Load Group 3A	Total CPD kW	Daily	3,225,298	\$ 0.5438	\$ 0.0658	\$ 1,753,917	\$ 212,225	\$ 1,966,141
Load Group 4	Number	Daily	28,841	\$ 4.8934	\$ -	\$ 141,133	\$ -	\$ 141,133
Load Group 4	Total Capacity kVA	Daily	20,666,240	\$ 0.0062	\$ 0.1263	\$ 128,131	\$ 2,610,145	\$ 2,738,276
Load Group 4	Total KVA-KM	Daily	111,390,370	\$ 0.0015	\$ -	\$ 167,085	\$ -	\$ 167,085
Load Group 4	Total CPD kW	Daily	5,559,587	\$ 0.4513	\$ 0.0577	\$ 2,509,041	\$ 320,789	\$ 2,829,830
Load Group 5	Number	Daily	1,886	\$ 4.8934	\$ -	\$ 9,229	\$ -	\$ 9,229
Load Group 5	Total Capacity kVA	Daily	5,971,600	\$ 0.0062	\$ 0.1348	\$ 37,024	\$ 804,972	\$ 841,996
Load Group 5	Total KVA-KM	Daily	44,834,810	\$ 0.0015	\$ -	\$ 67,252	\$ -	\$ 67,252
Load Group 5	Total CPD kW	Daily	2,055,639	\$ 0.2991	\$ 0.0543	\$ 614,842	\$ 111,621	\$ 726,463
Other Charges	Other Charge (\$)	Annual	23,447	\$ 1.0000	\$ -	\$ 23,447	\$ -	\$ 23,447
Transformer Charges	Other Charge (\$)	Annual	466,194	\$ 1.0000	\$ -	\$ 466,194	\$ -	\$ 466,194
Street Lighting	Fixed	Daily	365	\$ 334.7809	\$ 190.5572	\$ 122,195	\$ 69,554	\$ 191,749
Street Lighting	Fixed	Daily	365	\$ 47.7696	\$ 37.4320	\$ 17,436	\$ 13,662	\$ 31,098
Street Lighting	Fixed	Daily	365	\$ 712.1255	\$ 264.0032	\$ 259,927	\$ 96,360	\$ 356,287
Street Lighting	Fixed	Daily	365	\$ 39.7948	\$ 14.7530	\$ 14,523	\$ 5,384	\$ 19,907
Non-Standard	Fixed	Annual	1	\$ 156.625	\$ -	\$ 156,625	\$ -	\$ 156,625
Variable charges - Dunedin								
Residential DN	kWh	Volume	33,298,914	\$ 0.1138	\$ 0.0148	\$ 3,789,418	\$ 492,823	\$ 4,282,241
Residential DN	kWh	Volume	11,912,629	\$ 0.1300	\$ 0.0148	\$ 1,548,642	\$ 176,306	\$ 1,724,948
Residential DN	kWh	Volume	13,169,660	\$ 0.1000	\$ 0.0148	\$ 1,316,966	\$ 194,910	\$ 1,511,876
Residential DN	kWh	Volume	167,393,138	\$ 0.0730	\$ 0.0148	\$ 12,219,697	\$ 2,477,421	\$ 14,697,118
Residential DN	kWh	Volume	90,159,808	\$ 0.0871	\$ 0.0148	\$ 7,852,919	\$ 1,334,368	\$ 9,187,288
Residential DN	kWh	Volume	80,135,180	\$ 0.0571	\$ 0.0148	\$ 4,575,719	\$ 1,186,000	\$ 5,761,719
Residential DN	kWh	Volume	2,254,732	\$ 0.0075	\$ 0.0148	\$ 16,914	\$ 33,363	\$ 50,277
Unmetered Supply DN	kWh	Volume	3,962	\$ 0.0307	\$ 0.0148	\$ 122	\$ 59	\$ 180
Residential DN	kWh	Volume	5,001,343	\$ 0.0340	\$ 0.0148	\$ 170,042	\$ 74,024	\$ 244,067
Total Dunedin						\$ 50,780,388	\$ 28,406,286	\$ 79,186,674

Load Group	Charge Type	Charge Applied	Actual Quantities as at 31 March 2025	Distribution Price	Pass-through and Recoverable Price	Distribution Actual Revenue	Pass-through and Recoverable Actual Revenue	Total Actual Revenue for the year ending 31 March 2025
Fixed charges - Clyde/Cromwell								
Residential 15	Number	Daily	6,878,368	\$ -	\$ 0.6000	\$ -	\$ 4,127,021	\$ 4,127,021
Residential 8	Number	Daily	36,841	\$ -	\$ 0.1640	\$ -	\$ 6,039	\$ 6,039
L0	Number	Daily	39,956	\$ 0.6132	\$ 1.0603	\$ 24,499	\$ 42,366	\$ 66,866
LOA	Number	Daily	117,475	\$ 1.0493	\$ 2.1678	\$ 123,271	\$ 254,654	\$ 377,925
Load Group 1A	Number	Daily	123,067	\$ 0.0528	\$ -	\$ 6,501	\$ -	\$ 6,501
Load Group 1A	Total Capacity kVA	Daily	984,683	\$ 0.0571	\$ 0.0229	\$ 56,218	\$ 22,557	\$ 78,775
Load Group 1A	Total CPD kW	Daily	118,006	\$ 0.7533	\$ 0.0196	\$ 88,889	\$ 2,318	\$ 91,207
Load Group 1	Number	Daily	657,350	\$ 0.0528	\$ -	\$ 34,722	\$ -	\$ 34,722
Load Group 1	Total Capacity kVA	Daily	9,859,800	\$ 0.0429	\$ 0.0025	\$ 422,972	\$ 24,654	\$ 447,626
Load Group 1	Total CPD kW	Daily	1,474,885	\$ 0.8231	\$ 0.0011	\$ 1,213,989	\$ 1,625	\$ 1,215,614
Load Group 2	Number	Daily	824,881	\$ 0.1068	\$ -	\$ 88,048	\$ -	\$ 88,048
Load Group 2	Total Capacity kVA	Daily	41,448,673	\$ 0.0586	\$ 0.0563	\$ 2,428,886	\$ 2,333,605	\$ 4,762,491
Load Group 2	Total CPD kW	Daily	4,675,688	\$ 0.5576	\$ 0.0832	\$ 2,607,129	\$ 389,035	\$ 2,996,164
Load Group 3	Number	Daily	35,232	\$ 1.6429	\$ -	\$ 57,883	\$ -	\$ 57,883
Load Group 3	Total Capacity kVA	Daily	6,658,367	\$ 0.0454	\$ 0.0874	\$ 302,290	\$ 573,013	\$ 875,303
Load Group 3	Total KVA-KM	Daily	210,186,627	\$ 0.0011	\$ -	\$ 231,205	\$ -	\$ 231,205
Load Group 3	Total CPD kW	Daily	788,712	\$ 0.7984	\$ 0.1404	\$ 629,708	\$ 109,293	\$ 739,000
Load Group 3A	Number	Daily	23,870	\$ 1.6429	\$ -	\$ 39,216	\$ -	\$ 39,216
Load Group 3A	Total Capacity kVA	Daily	6,921,263	\$ 0.0091	\$ 0.0465	\$ 62,983	\$ 325,546	\$ 388,530
Load Group 3A	Total KVA-KM	Daily	209,514,300	\$ 0.0011	\$ -	\$ 230,466	\$ -	\$ 230,466
Load Group 3A	Total CPD kW	Daily	1,088,809	\$ 0.9878	\$ 0.0375	\$ 1,075,525	\$ 40,858	\$ 1,116,383
Load Group 4	Number	Daily	16,025	\$ 4.4175	\$ -	\$ 70,789	\$ -	\$ 70,789
Load Group 4	Total Capacity kVA	Daily	12,217,750	\$ 0.0738	\$ 0.0917	\$ 901,670	\$ 1,120,368	\$ 2,022,038
Load Group 4	Total KVA-KM	Daily	459,111,383	\$ 0.0010	\$ -	\$ 459,111	\$ -	\$ 459,111
Load Group 4	Total CPD kW	Daily	2,425,978	\$ 0.6357	\$ 0.0857	\$ 1,542,195	\$ 207,906	\$ 1,750,101
Load Group 5	Number	Daily	467	\$ 4.4175	\$ -	\$ 2,061	\$ -	\$ 2,061
Load Group 5	Total Capacity kVA	Daily	1,143,682	\$ 0.0403	\$ 0.0611	\$ 46,090	\$ 74,956	\$ 121,046
Load Group 5	Total KVA-KM	Daily	71,144,436	\$ 0.0011	\$ -	\$ 78,259	\$ -	\$ 78,259
Load Group 5	Total CPD kW	Daily	91,762	\$ 0.7233	\$ 0.1877	\$ 66,371	\$ 21,099	\$ 87,470
Other Charges	Other Charge (\$)	Annual	8,724	\$ 1.0000	\$ -	\$ 8,724	\$ -	\$ 8,724
Transformer Charges	Other Charge (\$)	Annual	227,366	\$ 1.0000	\$ -	\$ 227,366	\$ -	\$ 227,366
Non-Standard	Number	Annual	1	\$ 523,599	\$ -	\$ 523,599	\$ -	\$ 523,599
Non-Standard	Number	Annual	1	\$ 32,989	\$ -	\$ 32,989	\$ -	\$ 32,989
Variable charges - Clyde/Cromwell								
Residential CYD/CML	kWh	Volume	59,827,850	\$ 0.1615	\$ 0.0313	\$ 9,662,198	\$ 1,872,612	\$ 11,534,810
Residential CYD/CML	kWh	Volume	23,546,964	\$ 0.1872	\$ 0.0313	\$ 4,407,996	\$ 737,016	\$ 5,145,012
Residential CYD/CML	kWh	Volume	24,336,973	\$ 0.1372	\$ 0.0313	\$ 3,339,037	\$ 761,744	\$ 4,100,780
Residential CYD/CML	kWh	Volume	27,528,537	\$ 0.0571	\$ 0.0313	\$ 1,571,885	\$ 861,641	\$ 2,433,526
Residential CYD/CML	kWh	Volume	491,118	\$ 0.0449	\$ 0.0313	\$ 22,052	\$ 15,372	\$ 37,423
Street Lighting kWh CYD/CML	kWh	Volume	944,580	\$ 0.0412	\$ 0.0408	\$ 38,917	\$ 38,539	\$ 77,456
Street Lighting Lamps CYD/CML	#amps	Daily	1,763,860	\$ 0.0302	\$ -	\$ 53,269	\$ -	\$ 53,269
Total Clyde/Cromwell						\$ 32,761,530	\$ 13,963,834	\$ 46,725,364

Load Group	Charge Type	Charge Applied	Actual Quantities as at 31 March 2025	Distribution Price	Pass-through and Recoverable Price	Distribution Actual Revenue	Pass-through and Recoverable Actual Revenue	Total Actual Revenue for the year ending 31 March 2025
Fixed charges - Queenstown								
Residential 15	Number	Daily	3,679,889	\$ -	\$ 0.6000	\$ -	\$ 2,207,933	\$ 2,207,933
Residential 8	Number	Daily	40,225	\$ -	\$ 0.1640	\$ -	\$ 6,594	\$ 6,594
Load Group 0	Number	Daily	34,155	\$ 0.4526	\$ 0.7983	\$ 15,459	\$ 27,269	\$ 42,727
Load Group 0A	Number	Daily	62,005	\$ 0.7358	\$ 0.8414	\$ 45,627	\$ 52,166	\$ 97,793
Load Group 1A	Number	Daily	63,081	\$ 0.0522	\$ -	\$ 3,297	\$ -	\$ 3,297
Load Group 1A	Total Capacity kVA	Daily	504,648	\$ 0.0396	\$ 0.0435	\$ 19,980	\$ 21,954	\$ 41,934
Load Group 1A	Total CPD kW	Daily	59,662	\$ 0.4041	\$ 0.0736	\$ 24,111	\$ 4,390	\$ 28,501
Load Group 1	Number	Daily	258,131	\$ 0.0522	\$ -	\$ 13,497	\$ -	\$ 13,497
Load Group 1	Total Capacity kVA	Daily	4,619,730	\$ 0.0210	\$ 0.0673	\$ 97,043	\$ 310,902	\$ 407,945
Load Group 1	Total CPD kW	Daily	949,076	\$ 0.4274	\$ 0.0947	\$ 405,637	\$ 89,879	\$ 495,516
Load Group 2	Number	Daily	651,816	\$ 0.0792	\$ -	\$ 51,716	\$ -	\$ 51,716
Load Group 2	Total Capacity kVA	Daily	29,452,985	\$ 0.0383	\$ 0.0643	\$ 1,128,062	\$ 1,893,768	\$ 3,021,830
Load Group 2	Total CPD kW	Daily	4,648,938	\$ 0.4630	\$ 0.0892	\$ 2,152,455	\$ 414,686	\$ 2,567,140
Load Group 3	Number	Daily	11,989	\$ 1.4325	\$ -	\$ 17,175	\$ -	\$ 17,175
Load Group 3	Total Capacity kVA	Daily	2,234,652	\$ 0.1524	\$ 0.1069	\$ 340,561	\$ 238,885	\$ 579,446
Load Group 3	Total KVA-KM	Daily	29,194,470	\$ 0.0009	\$ -	\$ 26,275	\$ -	\$ 26,275
Load Group 3	Total CPD kW	Daily	544,013	\$ 0.4904	\$ 0.0004	\$ 266,784	\$ 218	\$ 267,002
Load Group 3A	Number	Daily	11,174	\$ 1.4325	\$ -	\$ 16,008	\$ -	\$ 16,008
Load Group 3A	Total Capacity kVA	Daily	3,229,744	\$ 0.1393	\$ 0.1034	\$ 449,904	\$ 333,955	\$ 783,859
Load Group 3A	Total KVA-KM	Daily	48,349,274	\$ 0.0009	\$ -	\$ 43,514	\$ -	\$ 43,514
Load Group 3A	Total CPD kW	Daily	730,940	\$ 0.5045	\$ 0.0010	\$ 368,759	\$ 731	\$ 369,490
Load Group 4	Number	Daily	9,148	\$ 4.0127	\$ -	\$ 36,708	\$ -	\$ 36,708
Load Group 4	Total Capacity kVA	Daily	6,672,750	\$ 0.0354	\$ 0.1265	\$ 236,215	\$ 844,103	\$ 1,080,318
Load Group 4	Total KVA-KM	Daily	76,120,901	\$ 0.0009	\$ -	\$ 68,509	\$ -	\$ 68,509
Load Group 4	Total CPD kW	Daily	1,772,398	\$ 0.2928	\$ 0.0882	\$ 518,958	\$ 156,325	\$ 675,284
Load Group 5	Number	Daily	-	\$ -	\$ -	\$ -	\$ -	\$ -
Load Group 5	Total Capacity kVA	Daily	-	\$ -	\$ -	\$ -	\$ -	\$ -
Load Group 5	Total KVA-KM	Daily	-	\$ -	\$ -	\$ -	\$ -	\$ -
Load Group 5	Total CPD kW	Daily	-	\$ -	\$ -	\$ -	\$ -	\$ -
Other Charges	Other Charge (\$)	Annual	1,512	\$ 1.0000	\$ -	\$ 1,512	\$ -	\$ 1,512
Transformer Charges	Other Charge (\$)	Annual	149,100	\$ 1.0000	\$ -	\$ 149,100	\$ -	\$ 149,100
Non-Standard	Number	Annual	1	\$ 32,635	\$ -	\$ 32,635	\$ -	\$ 32,635
Non-Standard	Number	Annual	1	\$ 100,139	\$ 292,096	\$ 100,139	\$ 292,096	\$ 392,235
Variable charges - Queenstown								
Residential FKN	kWh	Volume	49,607,008	\$ 0.1003	\$ 0.0283	\$ 4,975,584	\$ 1,403,880	\$ 6,379,464
Residential FKN	kWh	Volume	13,794,485	\$ 0.1210	\$ 0.0283	\$ 1,669,132	\$ 390,384	\$ 2,059,517
Residential FKN	kWh	Volume	14,785,110	\$ 0.0810	\$ 0.0283	\$ 1,197,594	\$ 418,418	\$ 1,616,012
Residential FKN	kWh	Volume	21,929,064	\$ 0.0266	\$ 0.0283	\$ 583,307	\$ 620,595	\$ 1,203,901
Residential FKN	kWh	Volume	512,301	\$ 0.0163	\$ 0.0283	\$ 8,350	\$ 14,498	\$ 22,849
Street Lighting kWh FKN	kWh	Volume	723,881	\$ 0.0124	\$ 0.0568	\$ 8,976	\$ 41,116	\$ 50,093
Street Lighting Lamps FKN	#amps	Daily	1,270,300	\$ 0.0351	\$ -	\$ 44,588	\$ -	\$ 44,588

Load Group	Charge Type	Charge Applied	Actual Quantities as at 31 March 2025	Distribution Price	Pass-through and Recoverable Price	Distribution Actual Revenue	Pass-through and Recoverable Actual Revenue	Total Actual Revenue for the year ending 31 March 2025
Fixed charges - Queenstown Sub								
Residential 15	Number	Daily	490,085	\$ -	\$ 0.6000	\$ -	\$ 294,051	\$ 294,051
Residential 8	Number	Daily	731	\$ -	\$ 0.1640	\$ -	\$ 120	\$ 120
Load Group 0	Number	Daily	4,859	\$ 0.4526	\$ 0.7983	\$ 2,199	\$ 3,879	\$ 6,079
Load Group 0A	Number	Daily	5,848	\$ 0.7358	\$ 0.8414	\$ 4,303	\$ 4,920	\$ 9,223
Load Group 1A	Number	Daily	6,644	\$ 0.0522	\$ -	\$ 347	\$ -	\$ 347
Load Group 1A	Total Capacity kVA	Daily	53,152	\$ 0.0396	\$ 0.0435	\$ 2,104	\$ 2,312	\$ 4,417
Load Group 1A	Total CPD kW	Daily	5,555	\$ 0.4041	\$ 0.0736	\$ 2,245	\$ 409	\$ 2,653
Load Group 1	Number	Daily	74,742	\$ 0.0522	\$ -	\$ 3,907	\$ -	\$ 3,907
Load Group 1	Total Capacity kVA	Daily	1,121,130	\$ 0.0210	\$ 0.0673	\$ 23,551	\$ 75,451	\$ 99,001
Load Group 1	Total CPD kW	Daily	226,940	\$ 0.4274	\$ 0.0947	\$ 96,994	\$ 21,492	\$ 118,486
Load Group 2	Number	Daily	82,908	\$ 0.0713	\$ -	\$ 5,913	\$ -	\$ 5,913
Load Group 2	Total Capacity kVA	Daily	3,962,603	\$ 0.0345	\$ 0.0579	\$ 136,708	\$ 229,436	\$ 366,144
Load Group 2	Total CPD kW	Daily	642,789	\$ 0.4167	\$ 0.0802	\$ 267,850	\$ 51,552	\$ 319,402
Load Group 3	Number	Daily	3,388	\$ 1.1818	\$ -	\$ 4,004	\$ -	\$ 4,004
Load Group 3	Total Capacity kVA	Daily	660,584	\$ 0.1257	\$ 0.0882	\$ 83,036	\$ 58,264	\$ 141,299
Load Group 3	Total KVA-KM	Daily	2,362,938	\$ 0.0007	\$ -	\$ 1,654	\$ -	\$ 1,654
Load Group 3	Total CPD kW	Daily	231,959	\$ 0.4046	\$ 0.0003	\$ 93,851	\$ 70	\$ 93,920
Load Group 3A	Number	Daily	2,920	\$ 1.1818	\$ -	\$ 3,451	\$ -	\$ 3,451
Load Group 3A	Total Capacity kVA	Daily	931,480	\$ 0.1149	\$ 0.0853	\$ 107,027	\$ 79,455	\$ 186,482
Load Group 3A	Total KVA-KM	Daily	3,612,099	\$ 0.0007	\$ -	\$ 2,528	\$ -	\$ 2,528
Load Group 3A	Total CPD kW	Daily	239,582	\$ 0.4162	\$ 0.0008	\$ 99,714	\$ 192	\$ 99,906
Load Group 4	Number	Daily	3,627	\$ 3.1098	\$ -	\$ 11,279	\$ -	\$ 11,279
Load Group 4	Total Capacity kVA	Daily	2,087,250	\$ 0.0274	\$ 0.0980	\$ 57,191	\$ 204,551	\$ 261,741
Load Group 4	Total KVA-KM	Daily	3,968,976	\$ 0.0007	\$ -	\$ 2,778	\$ -	\$ 2,778
Load Group 4	Total CPD kW	Daily	940,892	\$ 0.2269	\$ 0.0684	\$ 213,488	\$ 64,357	\$ 277,845
Load Group 5	Number	Daily	365	\$ 3.1098	\$ -	\$ 1,135	\$ -	\$ 1,135
Load Group 5	Total Capacity kVA	Daily	1,007,500	\$ 0.0100	\$ 0.0321	\$ 10,075	\$ 32,341	\$ 42,416
Load Group 5	Total KVA-KM	Daily	1,209,000	\$ 0.0014	\$ -	\$ 1,693	\$ -	\$ 1,693
Load Group 5	Total CPD kW	Daily	191,732	\$ 0.1585	\$ 0.0977	\$ 30,389	\$ 18,732	\$ 49,122
Other Charges	Other Charge (\$)	Annual	-	\$ -	\$ -	\$ -	\$ -	\$ -
Transformer Charges	Other Charge (\$)	Annual	71,572	\$ 1.0000	\$ -	\$ 71,572	\$ -	\$ 71,572
Non-Standard	Number	Annual	1	\$ 128,799	\$ 147,174	\$ 128,799	\$ 147,174	\$ 275,973
Variable charges - Queenstown Sub								
Residential FKN Sub	kWh	Volume	5,845,473	\$ 0.1003	\$ 0.0283	\$ 586,300	\$ 165,428	\$ 751,728
Residential FKN Sub	kWh	Volume	1,562,392	\$ 0.1210	\$ 0.0283	\$ 189,050	\$ 44,215	\$ 233,265
Residential FKN Sub	kWh	Volume	1,651,158	\$ 0.0810	\$ 0.0283	\$ 133,744	\$ 46,728	\$ 180,472
Residential FKN Sub	kWh	Volume	3,390,384	\$ 0.0266	\$ 0.0283	\$ 90,182	\$ 95,948	\$ 186,131
Residential FKN Sub	kWh	Volume	93,212	\$ 0.0163	\$ 0.0283	\$ 1,519	\$ 2,638	\$ 4,157
Total Queenstown						\$ 17,584,728	\$ 11,428,459	\$ 29,013,187
Total Network				Total Network		\$ 101,126,646	\$ 53,798,579	\$ 154,925,225
				Prior Year Wash-ups		\$ 20,930	\$ 5,170	\$ 26,100
Total Revenue				Total Revenue		\$ 101,147,575	\$ 53,803,749	\$ 154,951,324

Appendix F. MAJOR EVENTS

Details of the two SAIDI Major Events and one SAIFI Major Event that Aurora Energy experienced on its network during the CPP Assessment Period are set out in the following tables, together with details of the normalisation of the SAIDI and SAIFI values associated with the Major Events.

12 SEPTEMBER 2024 SAIDI MAJOR EVENT

Table 21: Details of 12 September 2024 SAIDI Major Event

Details of 12 September 2024 SAIDI Major Event	
Cause	Outage events 1, 3 to 10, and 12: Defective equipment. Outage event 2: Vegetation. Outage event: Third-party interference.
Start date	12 September 2024
Start time	5:30 am
End date	14 September 2024
End time	4:30 am
Raw SAIDI Value	10.51 SAIDI minutes
Replaced SAIDI Value	1.34 SAIDI minutes
Location of the Major Event	Outage events 1 to 3: Alexandra, Central Otago Outage event 4: Cromwell, Central Otago Outage event 5 and 8: Clyde-Earnsclough, Central Otago Outage event 6: Queenstown Outage event 7 and 11: Frankton, Queenstown Outage events 9 and 10: Lindis Crossing, Central Otago Outage event 12: Wanaka, Central Otago
Main Equipment involved in the Major Event	Outage event 1: Subtransmission Lines Outage events 2 to 10, and 12: Distribution Lines (Excluding LV) Outage event 11: Distribution Cables (Excluding LV)
How Aurora Energy responded to the Major Event	A major snowstorm in Central Otago caused multiple faults to occur simultaneously. An internal 'Network Escalation Event' was declared, and field crews from Dunedin were dispatched to assist in the network repairs and service restorations. <ul style="list-style-type: none"> – Outage events 1, 3 to 10: The added weight from snow collecting on the conductors caused multiple conductor joints and connections (predominantly full-tension sleeves) to fail. – Outage 2: a branch was blown into the conductor. The feeder was patrolled, the damaged equipment was identified, and repairs were performed, restoring service.

- Outage event 11: the feeder was patrolled, and it was determined that a broken insulator had caused the trip. The type of damage likely suggests an external force was applied to the insulator (e.g., weather conditions pushed a foreign object into the line). The insulator was replaced, and the service was restored.
- Outage event 12: the feeder was patrolled, and it was determined that a damaged voltage regulator had caused the trip. The regulator was bypassed for removal, and services were restored.

Any mitigating factors that may have prevented or minimised the Major Event	We do not believe that there were any factors, other than those discussed below, that may have prevented or minimised the Major Event.
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Description of any steps Aurora Energy proposes to take to mitigate the risk of future similar Major Events	<p>The following steps were taken to mitigate the risk of a similar event occurring in the future:</p> <ul style="list-style-type: none"> – We will continue to review our fault response and resource management so that unplanned outage events impact customers for no longer than reasonably necessary. – Since 2023, an ongoing thermal inspection has been implemented to identify high-resistance joints and connections continuously. These are being replaced accordingly before they fail. – Inspectors are fully trained with high-quality thermal cameras, with supporting documentation, to identify the different joint and connection types and perform high-quality thermal inspections. – Through ongoing inspections, we have enhanced data collection and refined our process for identifying various joint and connection types across our network.
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17 MARCH 2025 SAIDI AND SAIFI MAJOR EVENT

Table 22: Details of 17 March 2025 SAIDI and SAIFI Major Event

Details of 17 March 2025 SAIDI and SAIFI Major Event	
Cause	Outage events 1 and 2: Unknown
Start date	17 March 2025
Start time	10:30 pm
End date	19 March 2025
End time	9:30 pm
Raw SAIDI Value	5.79 SAIDI minutes
Replace SAIDI Value	0.17 SAIDI minutes
Raw SAIFI Value	0.0973 SAIFI Interruptions
Replace SAIFI Value	0.0024 SAIFI Interruptions
Location of the Major Event	Outage event 1: Cromwell, Central Otago Outage event 2: Cardrona, Central Otago
Main Equipment involved in the Major Event	Outage event 1: Subtransmission Lines Outage event 2: Distribution Lines (Excluding LV)
How Aurora Energy responded to the Major Event	<p>The main contributors to this major event were an outage on the—</p> <ul style="list-style-type: none"> – Outage event 1: 66 kV line, which impacted consumers connected to the Cromwell GXP – Outage event 2: 11kV feeder, which affected consumers connected to the feeder. <p>In both events, a field response patrolled the affected feeders to determine the cause of the trip. No cause was found, and once it was determined to be safe, all associated feeders were restored to service.</p>
Any mitigating factors that may have prevented or minimised the Major Event	<p>Outage event 1: at the time the fault occurred, maintenance was being undertaken on one of the Upper Clutha subtransmission lines. Accordingly, supply was on the second Upper Clutha line only, temporarily placing the supply to the substations on N security rather than the usual N-2 security.</p> <p>Outage event 2: we do not believe that there were any factors, other than those discussed below, that may have prevented or minimised the Major Event.</p>
Description of any steps Aurora Energy proposes to take to mitigate the risk of future similar Major Events	<p>We continuously review our outage response, aiming to improve response times so that unplanned outage events impact customers for as little time as reasonably necessary. While there is insufficient evidence that these outages were caused by wildlife, given the area, it cannot be dismissed as a plausible cause. We are reviewing the effectiveness of possum guards and have purchased a camera to monitor assets near areas of high wildlife activity.</p>

NORMALISATION OF RY25 MAJOR EVENTS

Table 23: Normalisation of RY25 SAIDI and SAIFI Major Events

Normalisation of RY25 SAIDI Major Events							Normalisation of RY25 SAIFI Major Events				
Aurora Energy's SAIDI Unplanned Boundary Events							5.69	Aurora Energy's SAIFI Unplanned Boundary Events			0.0737
1/48 th of the SAIDI Unplanned Boundary Value	12 September 2024			17 March 2025			1/48 th of the SAIFI Unplanned Boundary Value	17 March 2025			
	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour		Half hour commencing	Raw SAIFI Value for half-hour	Normalised SAIFI Value for half-hour	
0.1185	12/09/2024 5:30	0.0000	0.0000	17/03/2025 22:30	0.0000	0.0000	0.0015	17/03/2025 22:30	0.0000	0.0000	
0.1185	12/09/2024 6:00	0.0000	0.0000	17/03/2025 23:00	0.0000	0.0000	0.0015	17/03/2025 23:00	0.0000	0.0000	
0.1185	12/09/2024 6:30	0.0000	0.0000	17/03/2025 23:30	0.0000	0.0000	0.0015	17/03/2025 23:30	0.0000	0.0000	
0.1185	12/09/2024 7:00	0.0000	0.0000	18/03/2025 0:00	0.0000	0.0000	0.0015	18/03/2025 0:00	0.0000	0.0000	
0.1185	12/09/2024 7:30	0.0000	0.0000	18/03/2025 0:30	0.0000	0.0000	0.0015	18/03/2025 0:30	0.0000	0.0000	
0.1185	12/09/2024 8:00	0.0000	0.0000	18/03/2025 1:00	0.0000	0.0000	0.0015	18/03/2025 1:00	0.0000	0.0000	
0.1185	12/09/2024 8:30	0.0000	0.0000	18/03/2025 1:30	0.0000	0.0000	0.0015	18/03/2025 1:30	0.0000	0.0000	
0.1185	12/09/2024 9:00	0.0000	0.0000	18/03/2025 2:00	0.0000	0.0000	0.0015	18/03/2025 2:00	0.0000	0.0000	
0.1185	12/09/2024 9:30	0.0000	0.0000	18/03/2025 2:30	0.0000	0.0000	0.0015	18/03/2025 2:30	0.0000	0.0000	
0.1185	12/09/2024 10:00	0.0000	0.0000	18/03/2025 3:00	0.0000	0.0000	0.0015	18/03/2025 3:00	0.0000	0.0000	
0.1185	12/09/2024 10:30	0.0000	0.0000	18/03/2025 3:30	0.0000	0.0000	0.0015	18/03/2025 3:30	0.0000	0.0000	
0.1185	12/09/2024 11:00	0.0000	0.0000	18/03/2025 4:00	0.0000	0.0000	0.0015	18/03/2025 4:00	0.0000	0.0000	
0.1185	12/09/2024 11:30	0.0000	0.0000	18/03/2025 4:30	0.0000	0.0000	0.0015	18/03/2025 4:30	0.0000	0.0000	
0.1185	12/09/2024 12:00	0.0000	0.0000	18/03/2025 5:00	0.0000	0.0000	0.0015	18/03/2025 5:00	0.0000	0.0000	
0.1185	12/09/2024 12:30	0.0000	0.0000	18/03/2025 5:30	0.0000	0.0000	0.0015	18/03/2025 5:30	0.0000	0.0000	

Normalisation of RY25 SAIDI Major Events							Normalisation of RY25 SAIFI Major Events					
Aurora Energy's SAIDI Unplanned Boundary Events							5.69	Aurora Energy's SAIFI Unplanned Boundary Events				0.0737
1/48 th of the SAIDI Unplanned Boundary Value	12 September 2024			17 March 2025			1/48 th of the SAIFI Unplanned Boundary Value	17 March 2025				
	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour		Half hour commencing	Raw SAIFI Value for half-hour	Normalised SAIFI Value for half-hour		
0.1185	12/09/2024 13:00	0.0000	0.0000	18/03/2025 6:00	0.0000	0.0000	0.0015	18/03/2025 6:00	0.0000	0.0000		
0.1185	12/09/2024 13:30	0.0000	0.0000	18/03/2025 6:30	0.0000	0.0000	0.0015	18/03/2025 6:30	0.0000	0.0000		
0.1185	12/09/2024 14:00	0.0000	0.0000	18/03/2025 7:00	0.0000	0.0000	0.0015	18/03/2025 7:00	0.0000	0.0000		
0.1185	12/09/2024 14:30	0.0000	0.0000	18/03/2025 7:30	0.0000	0.0000	0.0015	18/03/2025 7:30	0.0000	0.0000		
0.1185	12/09/2024 15:00	0.0000	0.0000	18/03/2025 8:00	0.0000	0.0000	0.0015	18/03/2025 8:00	0.0000	0.0000		
0.1185	12/09/2024 15:30	0.0000	0.0000	18/03/2025 8:30	0.0042	0.0042	0.0015	18/03/2025 8:30	0.0000	0.0000		
0.1185	12/09/2024 16:00	0.0000	0.0000	18/03/2025 9:00	0.0000	0.0000	0.0015	18/03/2025 9:00	0.0000	0.0000		
0.1185	12/09/2024 16:30	0.0000	0.0000	18/03/2025 9:30	0.0000	0.0000	0.0015	18/03/2025 9:30	0.0000	0.0000		
0.1185	12/09/2024 17:00	0.0000	0.0000	18/03/2025 10:00	0.0000	0.0000	0.0015	18/03/2025 10:00	0.0000	0.0000		
0.1185	12/09/2024 17:30	0.0000	0.0000	18/03/2025 10:30	0.0000	0.0000	0.0015	18/03/2025 10:30	0.0000	0.0000		
0.1185	12/09/2024 18:00	0.0000	0.0000	18/03/2025 11:00	0.0000	0.0000	0.0015	18/03/2025 11:00	0.0000	0.0000		
0.1185	12/09/2024 18:30	0.0000	0.0000	18/03/2025 11:30	0.0000	0.0000	0.0015	18/03/2025 11:30	0.0000	0.0000		
0.1185	12/09/2024 19:00	0.0000	0.0000	18/03/2025 12:00	0.0000	0.0000	0.0015	18/03/2025 12:00	0.0000	0.0000		
0.1185	12/09/2024 19:30	0.0000	0.0000	18/03/2025 12:30	0.0000	0.0000	0.0015	18/03/2025 12:30	0.0000	0.0000		
0.1185	12/09/2024 20:00	0.0000	0.0000	18/03/2025 13:00	0.0000	0.0000	0.0015	18/03/2025 13:00	0.0000	0.0000		
0.1185	12/09/2024 20:30	0.0000	0.0000	18/03/2025 13:30	0.0000	0.0000	0.0015	18/03/2025 13:30	0.0000	0.0000		
0.1185	12/09/2024 21:00	0.0000	0.0000	18/03/2025 14:00	0.0000	0.0000	0.0015	18/03/2025 14:00	0.0000	0.0000		
	12/09/2024 21:30	0.0000	0.0000	18/03/2025 14:30	0.0000	0.0000	0.0015	18/03/2025 14:30	0.0000	0.0000		

Normalisation of RY25 SAIDI Major Events							Normalisation of RY25 SAIFI Major Events					
Aurora Energy's SAIDI Unplanned Boundary Events							5.69	Aurora Energy's SAIFI Unplanned Boundary Events				0.0737
1/48 th of the SAIDI Unplanned Boundary Value	12 September 2024			17 March 2025			1/48 th of the SAIFI Unplanned Boundary Value	17 March 2025				
	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour		Half hour commencing	Raw SAIFI Value for half-hour	Normalised SAIFI Value for half-hour		
0.1185	12/09/2024 22:00	0.0000	0.0000	18/03/2025 15:00	0.0000	0.0000	0.0015	18/03/2025 15:00	0.0000	0.0000		
0.1185	12/09/2024 22:30	0.0000	0.0000	18/03/2025 15:30	0.0000	0.0000	0.0015	18/03/2025 15:30	0.0000	0.0000		
0.1185	12/09/2024 23:00	0.0000	0.0000	18/03/2025 16:00	0.0000	0.0000	0.0015	18/03/2025 16:00	0.0000	0.0000		
0.1185	12/09/2024 23:30	0.0000	0.0000	18/03/2025 16:30	0.0000	0.0000	0.0015	18/03/2025 16:30	0.0000	0.0000		
0.1185	13/09/2024 0:00	0.0000	0.0000	18/03/2025 17:00	0.0000	0.0000	0.0015	18/03/2025 17:00	0.0000	0.0000		
0.1185	13/09/2024 0:30	0.0000	0.0000	18/03/2025 17:30	0.0000	0.0000	0.0015	18/03/2025 17:30	0.0000	0.0000		
0.1185	13/09/2024 1:00	0.0000	0.0000	18/03/2025 18:00	0.0000	0.0000	0.0015	18/03/2025 18:00	0.0000	0.0000		
0.1185	13/09/2024 1:30	0.1405	0.1185	18/03/2025 18:30	0.0000	0.0000	0.0015	18/03/2025 18:30	0.0000	0.0000		
0.1185	13/09/2024 2:00	0.0000	0.0000	18/03/2025 19:00	0.0000	0.0000	0.0015	18/03/2025 19:00	0.0000	0.0000		
0.1185	13/09/2024 2:30	0.0000	0.0000	18/03/2025 19:30	0.0000	0.0000	0.0015	18/03/2025 19:30	0.0000	0.0000		
0.1185	13/09/2024 3:00	0.0000	0.0000	18/03/2025 20:00	0.0000	0.0000	0.0015	18/03/2025 20:00	0.0000	0.0000		
0.1185	13/09/2024 3:30	0.0000	0.0000	18/03/2025 20:30	0.0000	0.0000	0.0015	18/03/2025 20:30	0.0000	0.0000		
0.1185	13/09/2024 4:00	0.0000	0.0000	18/03/2025 21:00	0.0000	0.0000	0.0015	18/03/2025 21:00	0.0000	0.0000		
0.1185	13/09/2024 4:30	0.0159	0.0159	18/03/2025 21:30	0.0000	0.0000	0.0015	18/03/2025 21:30	0.0000	0.0000		
0.1185	13/09/2024 5:00	6.4439	0.1185	18/03/2025 22:00	5.7393	0.1185	0.0015	18/03/2025 22:00	0.0964	0.0015		
0.1185	13/09/2024 5:30	0.9802	0.1185	18/03/2025 22:30	0.0000	0.0000	0.0015	18/03/2025 22:30	0.0000	0.0000		
0.1185	13/09/2024 6:00	0.6253	0.1185	18/03/2025 23:00	0.0000	0.0000	0.0015	18/03/2025 23:00	0.0000	0.0000		
0.1185	13/09/2024 6:30	0.0000	0.0000	18/03/2025 23:30	0.0000	0.0000	0.0015	18/03/2025 23:30	0.0000	0.0000		

Normalisation of RY25 SAIDI Major Events							Normalisation of RY25 SAIFI Major Events					
Aurora Energy's SAIDI Unplanned Boundary Events							5.69	Aurora Energy's SAIFI Unplanned Boundary Events				0.0737
1/48 th of the SAIDI Unplanned Boundary Value	12 September 2024			17 March 2025			1/48 th of the SAIFI Unplanned Boundary Value	17 March 2025				
	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour		Half hour commencing	Raw SAIFI Value for half-hour	Normalised SAIFI Value for half-hour		
0.1185	13/09/2024 7:00	0.0665	0.0665	19/03/2025 0:00	0.0000	0.0000	0.0015	19/03/2025 0:00	0.0000	0.0000		
0.1185	13/09/2024 7:30	0.0340	0.0340	19/03/2025 0:30	0.0468	0.0468	0.0015	19/03/2025 0:30	0.0009	0.0009		
0.1185	13/09/2024 8:00	0.6074	0.1185	19/03/2025 1:00	0.0000	0.0000	0.0015	19/03/2025 1:00	0.0000	0.0000		
0.1185	13/09/2024 8:30	0.0000	0.0000	19/03/2025 1:30	0.0000	0.0000	0.0015	19/03/2025 1:30	0.0000	0.0000		
0.1185	13/09/2024 9:00	0.0000	0.0000	19/03/2025 2:00	0.0000	0.0000	0.0015	19/03/2025 2:00	0.0000	0.0000		
0.1185	13/09/2024 9:30	0.0000	0.0000	19/03/2025 2:30	0.0000	0.0000	0.0015	19/03/2025 2:30	0.0000	0.0000		
0.1185	13/09/2024 10:00	0.3438	0.1185	19/03/2025 3:00	0.0000	0.0000	0.0015	19/03/2025 3:00	0.0000	0.0000		
0.1185	13/09/2024 10:30	0.0000	0.0000	19/03/2025 3:30	0.0000	0.0000	0.0015	19/03/2025 3:30	0.0000	0.0000		
0.1185	13/09/2024 11:00	0.0000	0.0000	19/03/2025 4:00	0.0000	0.0000	0.0015	19/03/2025 4:00	0.0000	0.0000		
0.1185	13/09/2024 11:30	0.0039	0.0039	19/03/2025 4:30	0.0000	0.0000	0.0015	19/03/2025 4:30	0.0000	0.0000		
0.1185	13/09/2024 12:00	0.1762	0.1185	19/03/2025 5:00	0.0000	0.0000	0.0015	19/03/2025 5:00	0.0000	0.0000		
0.1185	13/09/2024 12:30	0.2757	0.1185	19/03/2025 5:30	0.0000	0.0000	0.0015	19/03/2025 5:30	0.0000	0.0000		
0.1185	13/09/2024 13:00	0.6024	0.1185	19/03/2025 6:00	0.0000	0.0000	0.0015	19/03/2025 6:00	0.0000	0.0000		
0.1185	13/09/2024 13:30	0.0000	0.0000	19/03/2025 6:30	0.0000	0.0000	0.0015	19/03/2025 6:30	0.0000	0.0000		
0.1185	13/09/2024 14:00	0.0000	0.0000	19/03/2025 7:00	0.0000	0.0000	0.0015	19/03/2025 7:00	0.0000	0.0000		
0.1185	13/09/2024 14:30	0.0000	0.0000	19/03/2025 7:30	0.0000	0.0000	0.0015	19/03/2025 7:30	0.0000	0.0000		
0.1185	13/09/2024 15:00	0.0000	0.0000	19/03/2025 8:00	0.0000	0.0000	0.0015	19/03/2025 8:00	0.0000	0.0000		
0.1185	13/09/2024 15:30	0.0000	0.0000	19/03/2025 8:30	0.0000	0.0000	0.0015	19/03/2025 8:30	0.0000	0.0000		

Normalisation of RY25 SAIDI Major Events							Normalisation of RY25 SAIFI Major Events					
Aurora Energy's SAIDI Unplanned Boundary Events							5.69	Aurora Energy's SAIFI Unplanned Boundary Events				0.0737
1/48 th of the SAIDI Unplanned Boundary Value	12 September 2024			17 March 2025			1/48 th of the SAIFI Unplanned Boundary Value	17 March 2025				
	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour		Half hour commencing	Raw SAIFI Value for half-hour	Normalised SAIFI Value for half-hour		
0.1185	13/09/2024 16:00	0.1539	0.1185	19/03/2025 9:00	0.0000	0.0000	0.0015	19/03/2025 9:00	0.0000	0.0000		
0.1185	13/09/2024 16:30	0.0039	0.0039	19/03/2025 9:30	0.0000	0.0000	0.0015	19/03/2025 9:30	0.0000	0.0000		
0.1185	13/09/2024 17:00	0.0218	0.0218	19/03/2025 10:00	0.0000	0.0000	0.0015	19/03/2025 10:00	0.0000	0.0000		
0.1185	13/09/2024 17:30	0.0000	0.0000	19/03/2025 10:30	0.0000	0.0000	0.0015	19/03/2025 10:30	0.0000	0.0000		
0.1185	13/09/2024 18:00	0.0000	0.0000	19/03/2025 11:00	0.0000	0.0000	0.0015	19/03/2025 11:00	0.0000	0.0000		
0.1185	13/09/2024 18:30	0.0000	0.0000	19/03/2025 11:30	0.0000	0.0000	0.0015	19/03/2025 11:30	0.0000	0.0000		
0.1185	13/09/2024 19:00	0.0000	0.0000	19/03/2025 12:00	0.0000	0.0000	0.0015	19/03/2025 12:00	0.0000	0.0000		
0.1185	13/09/2024 19:30	0.0000	0.0000	19/03/2025 12:30	0.0000	0.0000	0.0015	19/03/2025 12:30	0.0000	0.0000		
0.1185	13/09/2024 20:00	0.0011	0.0011	19/03/2025 13:00	0.0000	0.0000	0.0015	19/03/2025 13:00	0.0000	0.0000		
0.1185	13/09/2024 20:30	0.0089	0.0089	19/03/2025 13:30	0.0000	0.0000	0.0015	19/03/2025 13:30	0.0000	0.0000		
0.1185	13/09/2024 21:00	0.0011	0.0011	19/03/2025 14:00	0.0000	0.0000	0.0015	19/03/2025 14:00	0.0000	0.0000		
0.1185	13/09/2024 21:30	0.0000	0.0000	19/03/2025 14:30	0.0000	0.0000	0.0015	19/03/2025 14:30	0.0000	0.0000		
0.1185	13/09/2024 22:00	0.0000	0.0000	19/03/2025 15:00	0.0000	0.0000	0.0015	19/03/2025 15:00	0.0000	0.0000		
0.1185	13/09/2024 22:30	0.0000	0.0000	19/03/2025 15:30	0.0000	0.0000	0.0015	19/03/2025 15:30	0.0000	0.0000		
0.1185	13/09/2024 23:00	0.0000	0.0000	19/03/2025 16:00	0.0000	0.0000	0.0015	19/03/2025 16:00	0.0000	0.0000		
0.1185	13/09/2024 23:30	0.0000	0.0000	19/03/2025 16:30	0.0000	0.0000	0.0015	19/03/2025 16:30	0.0000	0.0000		
0.1185	14/09/2024 0:00	0.0000	0.0000	19/03/2025 17:00	0.0000	0.0000	0.0015	19/03/2025 17:00	0.0000	0.0000		
0.1185	14/09/2024 0:30	0.0000	0.0000	19/03/2025 17:30	0.0000	0.0000	0.0015	19/03/2025 17:30	0.0000	0.0000		

Normalisation of RY25 SAIDI Major Events							Normalisation of RY25 SAIFI Major Events					
Aurora Energy's SAIDI Unplanned Boundary Events							5.69	Aurora Energy's SAIFI Unplanned Boundary Events				0.0737
1/48 th of the SAIDI Unplanned Boundary Value	12 September 2024			17 March 2025			1/48 th of the SAIFI Unplanned Boundary Value	17 March 2025				
	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour	Half hour commencing	Raw SAIDI Value for half-hour	Normalised SAIDI Value for half-hour		Half hour commencing	Raw SAIFI Value for half-hour	Normalised SAIFI Value for half-hour		
0.1185	14/09/2024 1:00	0.0000	0.0000	19/03/2025 18:00	0.0000	0.0000	0.0015	19/03/2025 18:00	0.0000	0.0000		
0.1185	14/09/2024 1:30	0.0000	0.0000	19/03/2025 18:30	0.0000	0.0000	0.0015	19/03/2025 18:30	0.0000	0.0000		
0.1185	14/09/2024 2:00	0.0000	0.0000	19/03/2025 19:00	0.0000	0.0000	0.0015	19/03/2025 19:00	0.0000	0.0000		
0.1185	14/09/2024 2:30	0.0000	0.0000	19/03/2025 19:30	0.0000	0.0000	0.0015	19/03/2025 19:30	0.0000	0.0000		
0.1185	14/09/2024 3:00	0.0000	0.0000	19/03/2025 20:00	0.0000	0.0000	0.0015	19/03/2025 20:00	0.0000	0.0000		
0.1185	14/09/2024 3:30	0.0000	0.0000	19/03/2025 20:30	0.0000	0.0000	0.0015	19/03/2025 20:30	0.0000	0.0000		
0.1185	14/09/2024 4:00	0.0000	0.0000	19/03/2025 21:00	0.0000	0.0000	0.0015	19/03/2025 21:00	0.0000	0.0000		
0.1185	14/09/2024 4:30	0.0000	0.0000	19/03/2025 21:30	0.0000	0.0000	0.0015	19/03/2025 21:30	0.0000	0.0000		

Appendix G. POLICIES AND PROCEDURES FOR CAPTURING AND RECORDING INTERRUPTIONS AND CALCULATING SAIDI/SAIFI

CAPTURING AND RECORDING INTERRUPTIONS

Records for all Interruptions (planned and unplanned) on the Aurora Energy network are maintained in Aurora Energy's outage management system (OMS) and in databases. The relevant procedure for recording Interruption information is set out in document AE-0004-G08 Outage Reporting and Outage Database Manual.

Aurora Energy's outage management system (OMS), GE PowerOn Advantage, connects the network asset and customer models to accurately understand customer impact of outage events.

An OMS incident is generated within the OMS as soon as an Interruption occurs, and an OMS fault report completed by the Network Operations Centre. All details on the OMS fault reports are checked by the Network Operations Team Lead or Network Access Team Lead before being completed and then recorded in the electronic database.

The Network Operations Team is responsible for ensuring that all data related to an interruption is entered into the electronic database. The electronic database holds all the data attributes for each Interruption required to calculate SAIDI Assessed Values and SAIFI Assessed Values.

Monitoring the quality of Interruption information entered into the database is the responsibility of the Network Operations Team Lead and the Network Access Team Lead. Quality assurance checks are performed daily, weekly, fortnightly and at month-end. Identifying and resolving problems with quality of data is performed weekly and again at month end.

The database is used to collect data on Interruptions where equipment is removed from service. It therefore includes all Planned and Unplanned Interruptions, as well as those involving all HV fuses and where LV fuses supply multiple ICPs. Momentary interruptions due to circuit reclosers at zone substations less than one minute are also included.

SUCCESSIVE INTERRUPTIONS

We record and report on successive Interruptions, for the purposes of both SAIDI and SAIFI, if restoration of supply occurred for longer than one minute.

We recognise any stage of an outage event that interrupts consumers for a second time, or interrupts 'new' consumers as a result of fault finding, as an additional interruption, strictly in line with the definition of Interruption in the Determination.

REVIEW OF INTERRUPTIONS

Each month, all Interruptions are reviewed by the Regulatory team, together with the Network Operations Team, for consistency of coding.

A monthly summary of reliability performance is discussed at a monthly governance group meeting and is then reported to the Directors of Aurora Energy.

At the end of March each year, further analysis is carried out prior to the production of the reports for publication of the Statement and for information disclosure. These reports are scrutinised by the Network Operations Team and the Regulatory team for consistency of coding and to ensure that only those interruptions that are consistent with the definition of “Interruption” are included in the Class B or C Interruptions.

CALCULATING SAIDI AND SAIFI

Meeting the definition of “Interruption”

Interruptions that meet the definition of an “Interruption” in the Determination are the only interruptions that contribute to Aurora Energy’s SAIDI Assessed Value and SAIFI Assessed Value.

The following interruptions are therefore excluded from the calculations:

- interruptions where no consumers were affected;
- interruptions that occur on Aurora Energy’s low voltage network;
- interruptions that last for less than a period of 1 minute;
- interruptions that relate to extended reserves;
- interruptions that are a result of an automatic under voltage, under frequency, or rolling outage scheme or similar arrangement required as part of the system operator services or other instruction from an authorised regulator;
- interruptions that are a result of a breach of the contract under which the electricity is conveyed;
- interruptions that are as a result of a request from the consumer and only that consumer is affected by the interruption;
- interruptions that are as a result of a request by the consumer’s retailer; or
- interruptions that are for the purpose of isolating an unsafe installation.

Meeting the definition of “Class B Interruption”

A “Class B Interruption” is defined in the Determination as meaning “*planned interruptions by Aurora*”.

We interpret this as meaning Planned Interruptions that are initiated by Aurora Energy. Planned interruptions that are initiated by Transpower or an external third party are excluded.

Meeting the definition of “Class C interruption”

A “Class C Interruption” is defined in the Determination as meaning “unplanned interruptions originating within the system fixed assets of Aurora”. “System fixed assets” is defined in the Determination as meaning “all fixed assets owned, provided, maintained, or operated by Aurora that are used or intended to be used for the supply of electricity lines services.”

We interpret this as meaning Unplanned Interruptions that originate within our network. Unplanned Interruptions that originate on assets that are external to our network, but that interrupt the supply of electricity on our network, are excluded.

Customer Interruption Minutes

The Customer Interruption Minutes value is used to calculate SAIDI. The value is calculated by applying the following formula:

$$\text{Interruption duration} \times \text{number of active ICPs affected by the interruption} = \text{Customer Interruption Minutes}$$

The interruption duration is the length of time between the Interruption start time and the Interruption restoration time, expressed in minutes.

Total number of consumers on the network

Consumer numbers are derived from the geographic information system (GIS) for that segment of the circuit affected by the planned or unplanned interruption. Each month the ICPs in the GIS are reconciled with the active ICPs in the network connection database used for line charge billing to retailers. The network connection database is updated daily from the national registry and a full reconciliation with the national registry is carried out at the end of each month.

The consumer number used to calculate the SAIDI Assessed Value and the SAIFI Assessed Value is the average of the start period (April) consumer number billed to retailers and the end period (March) consumer number billed to retailers.

Raw SAIDI value

The raw SAIDI value for an Interruption is calculated by applying the following formula:

$$\frac{\text{Customer Interruption Minutes}}{\text{Total number of consumers on the network}} = \text{Raw SAIDI value}$$

Raw SAIFI value

The raw SAIFI value for an Interruption is calculated by applying the following formula:

$$\frac{\text{Number of customers affected}}{\text{Total number of consumers on the network}} = \text{Raw SAIFI value}$$

Planned SAIDI Assessed Value

The Planned SAIDI Assessed Value is calculated in accordance with paragraph (2) of Schedule 3.1 of the Determination.

If a planned interruption meets the definition of:

- a “Class B Notified Interruption”; or
- an “Intended Interruption”

in the Determination, the SAIDI_N value and SAIDI_B value are calculated for that Interruption. The SAIDI_B value, if any, is then attributed to that Interruption and half of the SAIDI_N value, if any, resulting in one SAIDI value for the Interruption.

If a Planned Interruption does not meet either of the above definitions, the SAIDI_B value (being the raw SAIDI value) is attributed to that Interruption.

The SAIDI Values calculated for every Class B Planned Interruption commencing within the CPP Assessment Period are then summed to determine the Planned SAIDI Assessed Value.

Planned SAIFI Assessed Value

The Planned SAIFI Assessed Value is calculated in accordance with paragraph (3) of Schedule 3.1 of the Determination.

The raw SAIFI Values for every Class B Planned Interruption commencing within the CPP Assessment Period are then summed to determine the Planned SAIFI Assessed Value.

Unplanned SAIDI Assessed Value

The Unplanned SAIDI Assessed Value is calculated in accordance with paragraph (2) of Schedule 3.2 of the Determination.

The following steps are followed to calculate the Unplanned SAIDI Assessed Value:

- **Step 1 – allocating SAIDI to a 30 minute period:** The raw SAIDI Value for an Interruption is allocated to the relevant 30 minute period that starts either on the hour or half past the hour. Aurora Energy does this by allocating the raw SAIDI Value for an Interruption to the 30 minute period that correlates to the Interruption start time.
For example, if the Interruption start time is 11:34 on 20 June 2023, the 30 minute period to which the raw SAIDI Value for that Interruption is allocated would be the 11:30 period on 20 June 2023. The duration of the Interruption has no bearing on the 30 minute period to which the raw SAIDI Values are allocated.
- **Step 2 – identifying a Major Event:** Major Events are identified where, in any 24-hour period, the SAIDI Value exceeds the SAIDI Unplanned Boundary Value. The 24-hour periods are rolled

half-hourly. Consistent with the Commission's commentary in its Reasons Paper on the Electricity Distribution Services Default Price-Quality Path Determination 2020¹, a Major Event can last longer than 24 hours as long as the Major Event criteria is met.

- **Step 3 – replacement of SAIDI:** If a SAIDI Major Event is identified, the SAIDI Value for each 30 minute period within the SAIDI Major Event that exceeds 1/48th of Aurora Energy's SAIDI Unplanned Boundary Value² is replaced with 1/48th of Aurora Energy's SAIDI Unplanned Boundary Value. This new value becomes the normalised SAIDI Value for that 30 minute period.
- **Step 4 – sum of normalised SAIDI:** The Unplanned SAIDI Assessed Value is then calculated by summing the normalised SAIDI Values for every 30 minute period within the CPP Assessment Period.

Unplanned SAIFI Assessed Value

The Unplanned SAIFI Assessed Value is calculated in accordance with paragraph (3) of Schedule 3.2 of the Determination, and the same steps as set out for calculating Unplanned SAIDI Assessed Value above are followed, with the exception being the application of Aurora Energy's SAIFI Unplanned Boundary Value, which is specified in Schedule 3.2 of the Determination as being 0.0737.

¹ Default price-quality paths for electricity distribution businesses from 1 April 2020 – Final decision, Reasons Paper, 27 November 2019, paragraphs K69 to K74.

² Aurora Energy's SAIDI Unplanned Boundary is specified in Schedule 3.2 of the Determination as being 5.69.

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