# DEFAULT PRICE-QUALITY PATH

# ANNUAL COMPLIANCE STATEMENT

Assessment Period: 1 April 2024 – 31 March 2025

# CONTENTS

# 1. INTRODUCTION

Alpine Energy Limited (Alpine Energy) is subject to price-quality regulation under Part 4 of the Commerce Act 1986. The Commerce Commission has set a Default Price-Quality Path (DPP) that Alpine Energy is subject to for the five years, 1 April 2020 to 31 March 2025 (the DPP regulatory period).

This annual compliance statement is published per clause 11.4 of the Electricity Distribution Services Default Price-Quality Path Determination 2020 (the Determination). This statement applies to the fifth assessment period, commencing 1 April 2024 and ended 31 March 2025.

This statement confirms that Alpine Energy:

- complies with the requirement to calculate the wash-up amount for the assessment period (Section 3);
- complies with the quality standards for the assessment period (Section 4); and
- has not entered into any agreements with another EDB or Transpower for an amalgamation, merger, major transaction, or transfer in the assessment period.

In November 2023, Alpine Energy restated information disclosures for the years 2014 – 2022. This was as a result of identifying a historical error affecting previously disclosed information.[1] This annual compliance statement does not reflect any impact of the restatements on the elements of the price-quality path it affected.

**Note on treatment of payments made under Alpine Energy's enforceable undertakings**

Alpine Energy's enforceable undertakings to the Commerce Commission, dated 28 March 2025, required a number of payments to address the historic overcharge of consumers from 2015 to 2024. The intent of the undertakings was to return the overcharge to consumers without the need to reopen the existing price-quality paths. Alpine has agreed to these payments outside of the revenue cap and information disclosure mechanisms. There has been no impact of these payments on the 2025 Annual Compliance

[1] https://www.alpineenergy.co.nz/corporate/disclosures/price-quality-regulation

Statement/Information Disclosures as no payments were made within the regulatory year. In addition, credits to current consumers are excluded from both the Default Price-Quality Path (DPP) and Information Disclosures (ID) except if less than $16.9m is credited. Any such difference along with credits to former customers and any unspent amounts of the community fund will only impact the price path (DPP) and lines charge revenue (IDs) in future regulatory periods in line with the enforceable undertakings.

## 2. DATE PREPARED

This annual compliance statement was prepared on 28 August 2025. A copy is available at Alpine Energy's office at 24 Elginshire Street, Washdyke, Timaru. The annual compliance statement is published on Alpine Energy's website at www.alpineenergy.co.nz, and additional copies can be provided on request.

## 3. WASH-UP AMOUNT

As required by clause 8.6 of the Determination, Alpine Energy must calculate a wash-up amount for each assessment period using the methodology specified in Schedule 1.6 of the Determination. As demonstrated in Table 1 below, and consistent with clause 8.6 of the Determination, Alpine Energy has **complied** with the requirement to calculate the wash-up amount for the fifth assessment period.

| Wash-up amount | | |
|---|---|---|
| **Term** | **Description** | **Value ($000)** |
| **Actual allowable revenue (AAR)** | Actual net allowable revenue + actual pass-through costs and actual recoverable costs + revenue wash-up drawdown amount | 75,160 |
| **Actual revenue (AR)** | Actual revenue from prices + other regulated income | 65,157 |
| **Revenue foregone (RV)** | Actual net allowable revenue x (RRP – 20%) when RRP is greater than 20%, otherwise nil | - |
| **Wash-up amount** | AAR - AR - RV | **10,003** |

**Table 1: Wash-up amount calculation**

The main reasons for the wash-up of this assessment period are:

- The actual net allowable revenue ($51.8 million) exceeded the forecast net allowable revenue[2] ($46.1 million) by $5.7 million. This difference is driven by CPI remaining higher than forecast and used in the financial modelling for the current regulatory period.
- The revenue wash-up drawdown amount ($5.1 million) was less than the opening wash-up account balance ($13 million) by $7.9m. This is the result of our correction of an error in the wash-up calculation in our Annual Price-Setting Compliance Statement for the year ended 31 March 2025. The error related to an overstatement of the wash-up amount for the assessment period ended 31 March 2023 by adding on $7.3 million that should have been treated as revenue foregone.
- As forecast revenue from prices annual increase limit was 10%, it was $7.8 million lower than forecast allowable revenue.
- The actual revenue from prices ($65.2 million) was $4.3 million lower than the forecast revenue from prices ($69.5 million[3]). This is the result of price reduction to deliver a forecast revenue from prices of $4M less than our 1 April prices. This decision was made to recognise and mitigate the fact that our 1 April prices were set including the incorrect RAB resulting from the historic error.

The wash-up amount calculated for this assessment period will be used in the wash-up account balance for the second disclosure year of DPP4 period.

## 3.1 ACTUAL ALLOWABLE REVENUE

Actual allowable revenue includes actual pass-through and recoverable costs excluding any recoverable cost that is a revenue wash-up draw down amount.

Table 2 below shows the actual allowable revenue for the fifth assessment period is consistent with Schedule 1.6 of the Determination.

[2] The forecast net allowable revenue has been disclosed in the Annual Price-Setting Compliance Statement for the assessment period starting 1 April 2024 on Alpine Energy website.
[3] The forecast revenue from prices has been disclosed in the Annual Price-Setting Compliance Statement for the assessment period starting 1 April 2024 on Alpine Energy website.

| Actual allowable revenue | | |
|---|---|---|
| **Term** | **Description** | **Value ($000)** |
| **Actual net allowable revenue (ANAR)** | Amount calculated in accordance with Schedule 1.6 of the Determination | 51,833 |
| **Actual pass-through costs** | Sum of all pass-through costs that were incurred or approved by the Commission in the assessment period | 591 |
| **Actual recoverable costs** | Sum of all recoverable costs that were incurred or approved by the Commission in the assessment period | 17,651 |
| **Revenue wash-up drawn down amount** | The 'revenue wash-up draw down amount' is the 'opening wash-up account balance' calculated in accordance with Schedule 1.7 | 5,085 |
| **Total actual allowable revenue (AAR)** | Actual net allowable revenue + actual pass-through costs and actual recoverable costs | **75,160** |

**Table 2: Actual allowable revenue calculation**

Further information supporting actual pass-through costs and actual recoverable costs are included in Appendix A.

## 3.2 ACTUAL REVENUE

The Determination defines actual revenue as the sum of actual revenue from prices and other regulated income.

Table 3 below shows actual revenue for the assessment period consistent with clause 4.2 of the Determination.

| Actual revenue | | |
|---|---|---|
| **Term** | **Description** | **Value ($000)** |
| **Actual revenue from prices** | Actual prices between 1 April 2024 and 31 March 2025 multiplied by actual quantities for the assessment period | 65,148 |
| **Other regulated income** | Other income associated with supply of electricity distribution services | 9 |
| **Total actual revenue (AR)** | Sum of actual revenue from prices + other regulated income | **65,157** |

**Table 3: Actual revenue calculation**

Further information supporting actual revenue from prices is included in Appendix B.

## 3.3 REVENUE FOREGONE

Per clause 4.2 of the Determination, revenue foregone is the actual net allowable revenue multiplied by the revenue reduction percentage – 20%. Where the revenue reduction percentage is not greater than 20%, the revenue forgone is nil.

Table 4 below shows that Alpine Energy's revenue foregone was not greater than 20% for the fifth assessment period and is nil.

| Revenue foregone | | |
|---|---|---|
| **Term** | **Description** | **Value ($000)** |
| **Actual net allowable revenue (ANAR)** | Actual net allowable revenue for the fifth assessment period | 51,833 |
| **Revenue reduction percentage (RRP)** | 1 – (actual revenue from prices/forecast revenue from prices) | 6% |
| **Revenue foregone (RV)** | Actual net allowable revenue x (RRP – 20%) when RRP is greater than 20%, otherwise nil | **Nil** |

**Table 4: Revenue foregone calculation**

# 4. QUALITY STANDARDS

Alpine Energy must comply with the quality standards specified in the Determination. This section of the Annual Compliance Statement demonstrates Alpine Energy's compliance with the quality standards.

## 4.1 STATEMENT OF COMPLIANCE WITH PLANNED INTERRUPTIONS QUALITY STANDARDS

Planned interruptions consist of all Class B interruptions on the Alpine Energy network measured as System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI).

Clause 9.2 of the Determination specifies that to comply with the planned interruptions reliability assessment cap, the sum of planned SAIDI and SAIFI values for all five assessment periods of the DPP regulatory period (i.e., the five years 1 April 2020 to 31 March 2025) must not exceed the planned accumulated SAIDI and SAIFI limits as specified in Schedule 3.1 of the Determination.

Table 5 and Table 6 below show the planned accumulated SAIDI and SAIFI limits for Alpine Energy for the DPP regulatory period and the planned SAIDI and SAIFI assessed values for the fifth assessment period and shows that Alpine Energy has **complied** with planned interruption quality standards.

| Planned interruptions quality standard - SAIDI | |
|---|---|
| **Planned accumulated SAIDI limit for the regulatory period** | 824.87 |
| **Planned SAIDI assessed value for the fifth assessment period** | 102.79 |
| **Planned accumulated SAIDI at the end of the fifth assessment period** | 443.70 |
| **Planned accumulated average SAIDI limit at the end of the fifth assessment period** | 824.87 |
| **Compliance result** | **Compliant** |

**Table 5: Planned SAIDI for the assessment period**

| Planned interruptions quality standard - SAIFI | |
|---|---|
| **Planned accumulated SAIFI limit for the regulatory period** | 3.4930 |
| **Planned SAIFI assessed value for the fifth assessment period** | 0.4488 |
| **Planned accumulated SAIFI at the end of the fifth assessment period** | 1.6794 |
| **Planned accumulated average SAIFI limit at the end of the fifth assessment period** | 3.4930 |
| **Compliance result** | **Compliant** |

**Table 6: Planned SAIFI for the assessment period**

Further information supporting planned SAIDI assessed values are included in Section 4.1.1.

### 4.1.1 Planned SAIDI assessed values

Alpine Energy has calculated the SAIDI assessed value in accordance with subclause 2 of Schedule 3.1.

Table 7 below shows the calculation of Alpine Energy's planned SAIDI assessed values for the assessment period.

| Planned SAIDI assessed value | | |
|---|---|---|
| **Term** | **Description** | **Value** |
| **Class B non-notified interruptions** | Class B interruptions excluding the Class B notified interruptions | 67.45 |
| **Class B notified interruptions falling outside window** | Class B notified interruptions occurred partially or wholly outside of their specified notified interruption window or alternate day | 2.82 |
| **$SAIDI_B$** | Sum of Class B non-notified interruptions | 70.27 |
| **Class B notified interruptions falling inside window** | The SAIDI values of any Class B notified interruptions where the SAIDI value is the greater of that calculated based on:<br>(i) the duration of minutes accumulated for each ICP that the Class B notified interruption occurred for; and<br>(ii) the period of the notified interruption window minus two hours | 63.37 |
| **Class B intended interruptions cancelled without notice** | The 'intended SAIDI values' of any intended interruption cancelled without notice is the greater of that calculated based on:<br>(i) the duration of minutes accumulated for each ICP that the intended interruption occurred for, which will be nil; and<br>(ii) the period of the notified interruption window minus two hours | 1.66 |
| **Class B intended interruptions cancelled with notice** | The 'intended SAIDI values' of any intended interruption cancelled with notice, where the 'intended SAIDI value' for each of those intended interruptions cancelled with notice is nil. | - |
| **$SAIDI_N$** | Sum of Class B notified interruptions | 65.03 |
| **Planned SAIDI assessed value** | $SAIDI_B + (SAIDI_N / 2)$ | **102.79** |

**Table 7: Planned SAIDI assessed value calculation**

## 4.2 STATEMENT OF COMPLIANCE WITH UNPLANNED INTERRUPTIONS QUALITY STANDARDS

Clause 9.8 of the Determination specifies that to comply with the annual unplanned interruptions reliability assessment, Alpine Energy's unplanned SAIDI and SAIFI assessed values must not exceed the SAIDI and SAIFI annual limits.

The unplanned SAIDI assessment value and the unplanned SAIFI assessment value are specified in Schedule 3.2 of the Determination.

Unplanned SAIDI is calculated by listing all unplanned Class C interruptions on the Alpine Energy network for the assessment period. Unplanned SAIDI is normalised for major event days (MEDs). A MED occurs when the daily SAIDI value for unplanned interruptions exceeds Alpine Energy's SAIDI boundary value of 9.17 SAIDI minutes, specified in Schedule 3.2 of the Determination.

Table 8 below shows that Alpine Energy has **complied** with the unplanned interruptions quality standard as Alpine Energy's unplanned SAIDI assessed value is less than its unplanned SAIDI limit for the assessment period.

| **Unplanned interruptions quality standard - SAIDI** | | |
|---|---|---|
| **Unplanned SAIDI limit** | Schedule 3.2 of the Determination | 124.71 |
| **Unplanned SAIDI assessed value** | Sum of the SAIDI values for Class C interruptions commencing within the assessment period, where the SAIDI value for each 30-minute period that starts on the hour or half past the hour within a SAIDI major event that exceeds 1/48th of the SAIDI unplanned boundary value for that assessment period is replaced with 1/48th of the SAIDI unplanned boundary value for that assessment period | 97.50 |
| **Compliance result** | | **Compliant** |

**Table 8: Unplanned SAIDI for the assessment period**

Unplanned SAIFI is calculated by summing all unplanned Class C interruptions on the Alpine Energy network for the assessment period. Unplanned SAIFI is normalised for major event days (MEDs). A MED occurs when the daily SAIFI value for unplanned interruptions exceeds Alpine Energy's SAIFI boundary value of 0.0671 SAIFI interruptions, specified in Schedule 3.2 of the Determination.

Table 9 below shows that Alpine Energy has **complied** with the unplanned interruptions quality standard as Alpine Energy's unplanned SAIFI assessed value is less than its unplanned SAIFI limit for the assessment period.

| Unplanned interruptions quality standard - SAIFI | | |
|---|---|---|
| **Unplanned SAIFI limit** | Schedule 3.2 of the Determination | 1.1970 |
| **Unplanned SAIFI assessed value** | Sum of the SAIFI values for Class C interruptions commencing within the assessment period, where the SAIFI value for each 30-minute period that starts on the hour or half past the hour within a SAIFI major event that exceeds 1/48th of the SAIFI unplanned boundary value for that assessment period is replaced with 1/48th of the SAIFI unplanned boundary value for that assessment period. | 0.9393 |
| **Compliance result** | | **Compliant** |

**Table 9: Unplanned SAIFI for the assessment period**

Information about policies, procedures and calculations for measuring planned and unplanned interruptions during the assessment period is included in Appendix C.

## 4.3 MAJOR EVENTS

Table 10 below shows that Alpine Energy had one unplanned SAIDI major events during the assessment period.

| Unplanned SAIDI major events | | | | | |
|---|---|---|---|---|---|
| Start time | End time | Location(s) | Equipment involved | Pre-normalised unplanned SAIDI | Normalised unplanned SAIDI |
| 19/02/2025 0:00 | 20/02/2025 11:30 | Various (See Appendix D) | Distribution cables (excluding LV) | 9.71 | 1.03 |

**Table 10: Unplanned SAIDI major events for the assessment period**

Table 11 below shows that Alpine Energy had two unplanned SAIFI major events during the assessment period.

| Unplanned SAIFI major events | | | | | |
|---|---|---|---|---|---|
| Start time | End time | Location(s) | Equipment involved | Pre-normalised unplanned SAIFI | Normalised unplanned SAIFI |
| 15/06/2024 20:30 | 17/06/2024 14:00 | Various (See Appendix D) | Distribution lines (excluding LV) | 0.0816 | 0.0089 |
| 18/02/2025 23:30 | 20/02/2025 11:30 | Various (See Appendix D) | Distribution cables (excluding LV) | 0.0863 | 0.0081 |

**Table 11: Unplanned SAIFI major events for the assessment period**

Further information about major events is included in Appendix D.

## 4.4 STATEMENT OF COMPLIANCE WITH EXTREME EVENT STANDARD

Clause 9.10 of the Determination specifies that, to comply with the extreme event standards, Alpine Energy must not have an extreme event[4] in the assessment period. The calculation of the unplanned interruptions excludes any unplanned interruption that is the result of major external factors[5]. The extreme event standard limit is specified in paragraphs (1)(a) and (b) in Schedule 3.3 of the Determination.

Table 12 below shows that Alpine Energy has **complied** with the extreme event standard for the assessment period.

| Extreme event standard | |
|---|---|
| **Number of extreme events** | Nil |
| **Compliance result** | **Compliant** |

**Table 12: Extreme event standard for the assessment period**

[4] An extreme event occurs wherein 24 hours of an interruption starting the aggregate SAIDI value exceeds 120 minutes, or the total duration of customer interruption minutes resulting from all unplanned interruptions exceeds a total of six million customer interruption minutes.

[5] Major external factors include natural disaster, third-party interference, a fire that does not originate on Alpine Energy's network, or wildlife.

## 4.5 QUALITY INCENTIVE ADJUSTMENT

The quality incentive adjustment is intended to provide an incentive for Alpine Energy to maintain or improve its quality of supply over the DPP regulatory period.

The method to calculate the quality incentive adjustment is specified in Schedule 4 of the Determination.

Table 13 below shows Alpine Energy's quality incentive adjustment for the assessment period is a penalty of $252,717.

| Quality Incentive Adjustment | | |
|---|---|---|
| **Term** | **Description** | **Value ($000)** |
| **SAIDI planned adjustment** | $(SAIDI_{planned, target} - SAIDI_{planned, assessed}) \times 0.5 \times IR$ | (188) |
| **SAIDI unplanned adjustment** | $(SAIDI_{unplanned, target} - SAIDI_{unplanned, assessed}) \times IR$ | (44) |
| **Total adjustment** | SAIDI planned adjustment + SAIDI unplanned adjustment | **(232)** |
| **Revenue at risk** | 0.02* ANAR | 1,037 |
| **Total penalty/reward** | | (232) |
| **67th percentile estimate of post-tax WACC** | | 4.23% |
| **Quality incentive adjustment** | | **(253)** |

**Table 13: Quality incentive adjustment calculation**

The quality incentive rate will be returned to customers as a reduction in recoverable cost applied to prices two years after this assessment period, i.e., prices effective 1 April 2026.

Table 14 below shows the inputs used to calculate Alpine Energy's quality incentive adjustment for the assessment period.

| Quality Incentive Adjustment Inputs | | | | | |
|---|---|---|---|---|---|
| **Raw Inputs** | | | | | |
| **Term** | **Units** | **Value** | **Term** | **Units** | **Value** |
| **SAIDI planned interruption cap** | minutes | 164.97 | **SAIDI unplanned interruption cap** | minutes | 124.71 |
| **SAIDI planned interruption collar** | minutes | - | **SAIDI unplanned interruption collar** | minutes | - |
| **SAIDI planned interruption target** | minutes | 54.99 | **SAIDI unplanned interruption target** | minutes | 91.88 |
| **Planned SAIDI assessed value** | minutes | 102.79 | **Unplanned SAIDI assessed value** | minutes | 97.50 |
| **Incentive rate** | | 7,879 | | | |
| **Actual net allowable revenue (ANAR)** | $000 | 51,833 | | | |
| | | | | | **Output Calculations** |
| **SAIDI planned interruption target** | minutes | 54.99 | **SAIDI unplanned interruption target** | minutes | 91.88 |
| **Minimum of the planned SAIDI cap and assessed value** | minutes | 102.79 | **Minimum of the unplanned SAIDI cap and assessed value** | minutes | 97.50 |
| **Planned SAIDI subject to incentive** | minutes | (48) | **Unplanned SAIDI subject to incentive** | minutes | (6) |
| **Adjustment (IR x 0.5)** | $ | 3,940 | **Adjustment (IR)** | $ | 7,879 |
| **SAIDI planned adjustment** | $000 | (188) | **SAIDI unplanned adjustment** | $000 | (44) |

**Table 14: Quality incentive adjustment calculation**

# 5. TRANSACTIONS

Alpine Energy has not entered into any agreements with another EDB or Transpower for an amalgamation, merger, major transaction, or transfer in the assessment period.

Alpine Energy has however amalgamated with its subsidiary field services provider, NETcon, in the assessment period. The key driver for the amalgamation was to secure the capability to deliver the increase in our network programme and benefit from the commercial efficiencies it will deliver.

# 6. DIRECTOR'S CERTIFICATION

A Director’s certificate in the form set out in Schedule 7 of the Determination is included in Appendix E.

# 7. ASSURANCE REPORT

An assurance report meeting the requirements of Schedule 8 of the Determination is included in Appendix F.

# APPENDIX A – PASS-THROUGH AND RECOVERABLE COSTS

## Pass-through costs

Table 15 below shows the actual pass-through cost for the fifth assessment period.

| Actual pass-through costs | |
|---|---|
| **Actual pass-through costs** | **Actual ($000)** |
| **Rates on system fixed assets** | 161 |
| **Commerce Act levies** | 204 |
| **Electricity Authority levies** | 203 |
| **Utilities Disputes levies** | 23 |
| **Total actual pass-through cost** | **591** |

**Table 15: Pass-through costs for the assessment period**

## Recoverable costs

Table 16 below shows the actual recoverable costs for the fifth assessment period.

| Actual recoverable costs | |
|---|---|
| **Actual recoverable costs** | **Actual ($000)** |
| **IRIS incentive adjustment** | 3,403 |
| **Transmission charges** | 13,138 |
| **New investment contract charges** | 1,244 |
| **Avoided transmission costs** | - |
| **System operator services charges** | - |
| **Distributed generation allowance** | - |
| **Catastrophic event allowance** | - |
| **Extended reserve allowance** | - |
| **Quality incentive adjustment** | (71) |
| **Capex wash-up** | (142) |
| **Transmission asset wash-up adjustment** | - |
| **Reconsideration event allowance** | - |
| **Quality standard variation engineers' fee** | - |
| **Revenue wash-up draw down amount** | - |
| **Fire and Emergency NZ levies** | 79 |
| **Innovation project allowance** | - |
| **Urgent project allowance** | - |
| **Total actual recoverable costs** | **17,651** |

**Table 16: Recoverable costs for the assessment period**

# APPENDIX B – PRICES AND QUANTITIES

Table 17 shows the actual prices and quantities for actual revenue from prices for the fifth assessment period.

| Actual revenue from prices | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Price Category** | **Unit** | **Unit Price 1 April** | **Actual Quantities (1 April – 31 May)** | **Unit Price 1 June** | **Actual Quantities (1 June – 31 March)** | **Total Actual Quantity** | **Actual Revenue ($000)** |
| **LOWHCA Fixed** | $/day | 0.6000 | 2,289 | 0.6000 | 2,292 | 2,292 | 502 |
| **LOWLCA Fixed** | $/day | 0.6000 | 10,849 | 0.6000 | 10,814 | 10,820 | 2,369 |
| **LOWUHCA Fixed** | $/day | 0.6000 | 18 | 0.6000 | 27 | 25 | 6 |
| **LOWULCA Fixed** | $/day | 0.6000 | 43 | 0.6000 | 64 | 61 | 13 |
| **015HCA Fixed** | $/day | 2.9301 | 5,914 | 2.6694 | 5,933 | 5,922 | 5,871 |
| **015LCA Fixed** | $/day | 2.6954 | 11,519 | 2.4686 | 11,548 | 11,530 | 10,559 |
| **015UHCA Fixed** | $/day | 2.9966 | 38 | 2.7359 | 43 | 42 | 43 |
| **015ULCA Fixed** | $/day | 2.7619 | 38 | 2.5353 | 53 | 50 | 47 |
| **360HCA Fixed** | $/day | 10.1398 | 532 | 9.2695 | 529 | 529 | 1,819 |
| **360LCA Fixed** | $/day | 9.1464 | 743 | 8.3896 | 741 | 740 | 2,304 |
| **360UHCA Fixed** | $/day | 10.3455 | 14 | 9.4752 | 13 | 13 | 47 |
| **360ULCA Fixed** | $/day | 9.3521 | 15 | 8.5953 | 16 | 16 | 51 |
| **ASSHCA Fixed** | $/day | 6.5052 | 1,314 | 5.6876 | 1,309 | 1,306 | 2,785 |
| **ASSLCA Fixed** | $/day | 6.0127 | 415 | 5.3017 | 413 | 413 | 819 |
| **TOU400HCA Fixed** | $/day | 6.4137 | 36 | 5.8404 | 37 | 37 | 81 |
| **TOU400LCA Fixed** | $/day | 6.0684 | 98 | 5.5699 | 98 | 98 | 203 |
| **TOU11HCA Fixed** | $/day | 6.1587 | 5 | 5.6141 | 5 | 5 | 10 |
| **TOU11LCA Fixed** | $/day | 5.8307 | 5 | 5.3571 | 5 | 5 | 10 |
| **LOWHCA Variable Day** | $/kWh | 0.1113 | 1,678,682 | 0.1004 | 8,374,808 | 10,053,489 | 1,028 |
| **LOWLCA Variable Day** | $/kWh | 0.1015 | 7,506,342 | 0.0915 | 35,225,708 | 42,732,050 | 3,985 |
| **LOWUHCA Variable Day** | $/kWh | 0.1137 | 14,985 | 0.1028 | 94,274 | 109,258 | 11 |
| **LOWULCA Variable Day** | $/kWh | 0.1039 | 35,767 | 0.0939 | 232,144 | 267,911 | 26 |

| Price Category | Unit | Unit Price 1 April | Actual Quantities (1 April – 31 May) | Unit Price 1 June | Actual Quantities (1 June – 31 March) | Total Actual Quantity | Actual Revenue ($000) |
|---|---|---|---|---|---|---|---|
| **015HCA Variable Day** | $/kWh | 0.0167 | 7,110,300 | 0.0164 | 34,933,625 | 42,043,925 | 692 |
| **015LCA Variable Day** | $/kWh | 0.0167 | 12,815,887 | 0.0164 | 58,880,005 | 71,695,893 | 1,179 |
| **015UHCA Variable Day** | $/kWh | 0.0167 | 69,882 | 0.0164 | 365,391 | 435,273 | 7 |
| **015ULCA Variable Day** | $/kWh | 0.0167 | 38,925 | 0.0164 | 256,140 | 295,065 | 5 |
| **360HCA Variable Day** | $/kWh | 0.0167 | 1,155,754 | 0.0164 | 6,533,957 | 7,689,711 | 126 |
| **360LCA Variable Day** | $/kWh | 0.0167 | 2,558,880 | 0.0164 | 12,560,448 | 15,119,328 | 249 |
| **360UHCA Variable Day** | $/kWh | 0.0167 | 39,490 | 0.0164 | 282,566 | 322,057 | 5 |
| **360ULCA Variable Day** | $/kWh | 0.0167 | 58,511 | 0.0164 | 257,659 | 316,169 | 5 |
| **ASSHCA Variable Day** | $/kWh | 0.0167 | 10,710,454 | 0.0164 | 73,942,259 | 84,652,712 | 1,393 |
| **ASSLCA Variable Day** | $/kWh | 0.0167 | 5,146,798 | 0.0164 | 24,734,084 | 29,880,882 | 492 |
| **TOU400HCA Variable Day** | $/kWh | 0.0093 | 2,872,816 | 0.0089 | 13,598,152 | 16,470,968 | 148 |
| **TOU400LCA Variable Day** | $/kWh | 0.0093 | 12,133,824 | 0.0089 | 58,030,245 | 70,164,069 | 629 |
| **TOU11HCA Variable Day** | $/kWh | 0.0092 | 6,516,188 | 0.0087 | 31,187,626 | 37,703,814 | 331 |
| **TOU11LCA Variable Day** | $/kWh | 0.0092 | 1,811,014 | 0.0087 | 6,561,655 | 8,372,669 | 74 |
| **LOWHCA Variable Night** | $/kWh | 0.0991 | 719,435 | 0.0882 | 3,589,203 | 4,308,638 | 388 |
| **LOWLCA Variable Night** | $/kWh | 0.0893 | 3,217,004 | 0.0793 | 15,096,732 | 18,313,736 | 1,485 |
| **LOWUHCA Variable Night** | $/kWh | 0.1015 | 6,422 | 0.0906 | 40,403 | 46,825 | 4 |
| **LOWULCA Variable Night** | $/kWh | 0.0917 | 15,329 | 0.0817 | 99,490 | 114,819 | 10 |
| **015HCA Variable Night** | $/kWh | 0.0045 | 3,047,271 | 0.0042 | 14,971,555 | 18,018,826 | 77 |
| **015LCA Variable Night** | $/kWh | 0.0045 | 5,492,522 | 0.0042 | 25,234,288 | 30,726,810 | 131 |
| **015UHCA Variable Night** | $/kWh | 0.0045 | 29,949 | 0.0042 | 156,595 | 186,544 | 1 |
| **015ULCA Variable Night** | $/kWh | 0.0045 | 16,682 | 0.0042 | 109,774 | 126,456 | 1 |
| **360HCA Variable Night** | $/kWh | 0.0045 | 495,322 | 0.0042 | 2,800,267 | 3,295,589 | 14 |
| **360LCA Variable Night** | $/kWh | 0.0045 | 1,096,662 | 0.0042 | 5,383,050 | 6,479,712 | 28 |
| **360UHCA Variable Night** | $/kWh | 0.0045 | 16,924 | 0.0042 | 121,100 | 138,024 | 1 |
| **360ULCA Variable Night** | $/kWh | 0.0045 | 25,076 | 0.0042 | 110,426 | 135,502 | 1 |
| **ASSHCA Variable Night** | $/kWh | 0.0045 | 4,590,196 | 0.0042 | 31,689,540 | 36,279,736 | 154 |
| **ASSLCA Variable Night** | $/kWh | 0.0045 | 2,205,771 | 0.0042 | 10,600,321 | 12,806,093 | 54 |

| Price Category | Unit | Unit Price 1 April | Actual Quantities (1 April – 31 May) | Unit Price 1 June | Actual Quantities (1 June – 31 March) | Total Actual Quantity | Actual Revenue ($000) |
|---|---|---|---|---|---|---|---|
| **TOU400HCA Variable Night** | $/kWh | 0.0016 | 1,231,206 | 0.0012 | 5,827,783 | 7,058,990 | 9 |
| **TOU400LCA Variable Night** | $/kWh | 0.0016 | 5,200,213 | 0.0012 | 24,870,108 | 30,070,321 | 38 |
| **TOU11HCA Variable Night** | $/kWh | 0.0015 | 2,792,653 | 0.0010 | 13,366,130 | 16,158,783 | 18 |
| **TOU11LCA Variable Night** | $/kWh | 0.0015 | 776,147 | 0.0010 | 2,812,140 | 3,588,287 | 4 |
| **ASSHCA Demand** | $/kWday | 0.2195 | 114,930 | 0.2073 | 114,930 | 114,896 | 8,782 |
| **ASSLCA Demand** | $/kWday | 0.1946 | 39,236 | 0.1840 | 39,297 | 39,259 | 2,664 |
| **TOU400HCA Demand** | $/kWday | 0.5529 | 7,525 | 0.5125 | 8,022 | 7,933 | 1,504 |
| **TOU400LCA Demand** | $/kWday | 0.4983 | 22,308 | 0.4623 | 22,515 | 22,460 | 3,842 |
| **TOU11HCA Demand** | $/kWday | 0.5203 | 11,214 | 0.4784 | 11,186 | 11,180 | 1,983 |
| **TOU11LCA Demand** | $/kWday | 0.4640 | 4,106 | 0.4285 | 4,100 | 4,098 | 650 |
| **Direct Billed Customer 1** | $/day | 926.03 | 61 | 926.03 | 304 | 365 | 302 |
| **Direct Billed Customer 2** | $/day | 11,156.16 | 61 | 11,156.16 | 304 | 365 | 4,072 |
| **Direct Billed Customer 3** | $/day | 438.36 | 61 | 438.36 | 304 | 365 | 160 |
| **Direct Billed Customer 4** | $/day | 1,841.10 | 61 | 1,841.10 | 304 | 365 | 672 |
| **Direct Billed Customer 5** | $/day | 367.12 | 61 | 367.12 | 304 | 365 | 134 |
| **Direct Billed Customer 6** | $/day | 128.77 | 61 | 128.77 | 304 | 365 | 47 |
| **Total actual revenue from prices** | | | | | | | **$65,148** |

**Table 17: Actual revenue from prices for the assessment period**

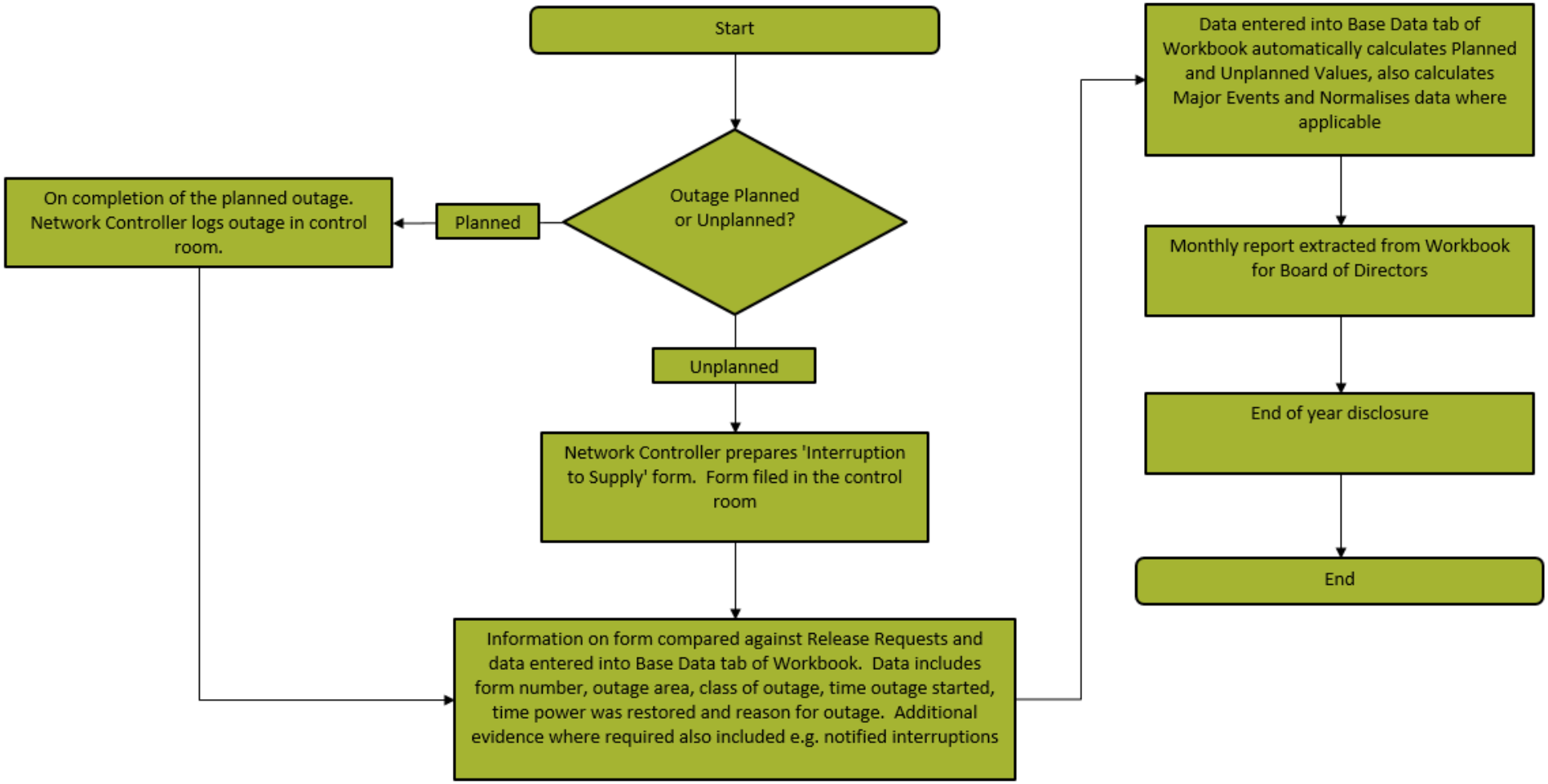
Table 18 below shows the forecast revenue from prices for the fifth assessment period.

| Forecast revenue from prices ($ 000) | |
|---|---|
| **Total forecast revenue from prices** | **$69,463** |

**Table 18: Forecast revenue from prices for the assessment period**

The total forecast revenue from prices and total forecast allowable revenue were initially reported as $69.463 million and $77.306 million respectively in our Annual Price-Setting Compliance Statement for the year ended 31 March 2025. However, a wash-up calculation error was identified and the total forecast allowable revenue was corrected to $69.395 million. This resulted in a variance of $68,000 between corrected total forecast revenue from prices and forecast allowable revenue. Actual revenue from prices for the year ended 31 March 2025 amounted to $65.148 million is significantly lower than the forecast revenue from prices due to the price adjustment in June 2024..

# APPENDIX C – POLICIES AND PROCEDURES FOR MEASURING PLANNED AND UNPLANNED INTERRUPTIONS



# APPENDIX D – SAIDI AND SAIFI MAJOR EVENTS

Table 19 to Table 23 below show the normalisation of the SAIDI and SAIFI major events during the assessment period. The approach to normalise unplanned SAIDI major events is specified in Schedule 3.2 of the Determination.

| Normalisation of unplanned SAIDI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIDI Major Event 1 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIDI (half-hour) | Sum SAIDI (previous 24-hour) | Max SAIDI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIDI Unplanned Assessed Value | Zone Substation | Feeder |
| 19/02/2025 0:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 0:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 1:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 1:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 2:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 2:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 3:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 3:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 4:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 4:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 5:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 5:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 6:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 6:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 7:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 7:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 8:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 8:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 9:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 9:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 10:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 10:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 11:00 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |

| Normalisation of unplanned SAIDI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIDI Major Event 1 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIDI (half-hour) | Sum SAIDI (previous 24-hour) | Max SAIDI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIDI Unplanned Assessed Value | Zone Substation | Feeder |
| 19/02/2025 11:30 | 0.00 | 0.00 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 12:00 | 5.15 | 5.16 | 9.71 | 9.17 | 0.19 | 0.19 | Geraldine | Geraldine Township |
| 19/02/2025 12:30 | 0.00 | 5.16 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 13:00 | 0.00 | 5.16 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 13:30 | 0.00 | 5.16 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 14:00 | 0.00 | 5.16 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 14:30 | 0.00 | 5.16 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 15:00 | 0.00 | 5.16 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 15:30 | 0.00 | 5.15 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 16:00 | 0.00 | 5.15 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 16:30 | 0.00 | 5.15 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 17:00 | 0.00 | 5.15 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 17:30 | 0.00 | 5.15 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 18:00 | 0.00 | 5.15 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 18:30 | 0.05 | 5.21 | 9.71 | 9.17 | 0.19 | 0.05 | Pareora | Holme Station |
| 19/02/2025 19:00 | 0.24 | 5.44 | 9.71 | 9.17 | 0.19 | 0.19 | Bells Pond | Waikakahi |
| 19/02/2025 19:30 | 0.00 | 5.44 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 20:00 | 1.64 | 7.09 | 9.71 | 9.17 | 0.19 | 0.19 | Albury | Cave |
| 19/02/2025 20:30 | 0.02 | 7.11 | 9.71 | 9.17 | 0.19 | 0.02 | Pareora | St Andrews |
| 19/02/2025 21:00 | 0.00 | 7.11 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 21:30 | 0.00 | 7.11 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 22:00 | 0.00 | 7.11 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 22:30 | 0.00 | 7.11 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 19/02/2025 23:00 | 0.94 | 8.05 | 9.71 | 9.17 | 0.19 | 0.19 | Studholme | Waihaorunga |
| 19/02/2025 23:30 | 1.66 | 9.71 | 9.71 | 9.17 | 0.19 | 0.19 | Studholme | Waihaorunga |
| 20/02/2025 0:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 0:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 1:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |

| Normalisation of unplanned SAIDI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIDI Major Event 1 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIDI (half-hour) | Sum SAIDI (previous 24-hour) | Max SAIDI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIDI Unplanned Assessed Value | Zone Substation | Feeder |
| 20/02/2025 1:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 2:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 2:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 3:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 3:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 4:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 4:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 5:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 5:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 6:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 6:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 7:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 7:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 8:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 8:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 9:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | Pleasant Point | Totara Valley |
| 20/02/2025 9:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 10:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 10:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| 20/02/2025 11:00 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | Albury | Cave |
| 20/02/2025 11:30 | 0.00 | 9.71 | 9.71 | 9.17 | 0.19 | 0.00 | | |
| **TOTAL** | **9.71** | | | | | **1.03** | | |

| | |
|---|---|
| **Cause** | Major fault<br>Defective equipment; Cable fault; Distribution cables (excluding LV)<br>This was found to be a cable fault that occurred at the RMU G240 cable termination in Talbot St Geraldine causing an outage of the Geraldine township feeder.<br><br>Additional faults<br>Lightning; Lightning; Distribution lines (excluding LV)<br>This was the result of a lightning storm that travelled though the network and caused multiple smaller faults, the majority of which were in the southern part of the network. |
| **How Alpine Energy responded** | Major fault<br>Faults staff were dispatched to the site. As the cause of the outage was not immediately evident, the faultsperson, under direction from the control room, began sectionalising the feeder and test livening segments. Through this process, the fault was identified. Once located, the faulty cable and an associated transformer were isolated, allowing power to be restored to the majority of ICPs. Access was then issued to disconnect the cable from the transformer and complete full restoration via an alternate supply.<br><br>Additional faults<br>Faults staff attended each affected site. Most issues were caused by blown transformer fuses, which were replaced upon discovery. Due to safety concerns from the ongoing severe weather, staff were stood down just after 10 p.m., and restoration efforts resumed the following morning. |
| **Any mitigating factors that could have prevented the event** | No mitigating factors were identified. |
| **Steps to mitigate risk of future similar events** | Although not a direct response to these specific incidents, Alpine Energy is continuing to expand the deployment of field equipment capable of communicating with our SCADA system. Over time, this will support our control room operators in identifying fault locations more efficiently, reducing the time required for initial fault finding and restoration. |

**Table 19: Normalisation of unplanned SAIDI major events and additional required information for the assessment period**

| Normalisation of unplanned SAIFI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIFI Major Event 1 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIFI (half-hour) | Sum SAIFI (previous 24-hour) | Max SAIFI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIFI Unplanned Assessed Value | Zone Substation | Feeder |
| 15/06/2024 20:30 | 0.0000 | 0.0000 | 0.0769 | 0.0671 | 0.0014 | 0.0000 | | |
| 15/06/2024 21:00 | 0.0000 | 0.0000 | 0.0769 | 0.0671 | 0.0014 | 0.0000 | | |
| 15/06/2024 21:30 | 0.0000 | 0.0000 | 0.0769 | 0.0671 | 0.0014 | 0.0000 | | |
| 15/06/2024 22:00 | 0.0000 | 0.0000 | 0.0797 | 0.0671 | 0.0014 | 0.0000 | | |
| 15/06/2024 22:30 | 0.0000 | 0.0000 | 0.0797 | 0.0671 | 0.0014 | 0.0000 | | |
| 15/06/2024 23:00 | 0.0000 | 0.0000 | 0.0802 | 0.0671 | 0.0014 | 0.0000 | | |
| 15/06/2024 23:30 | 0.0000 | 0.0000 | 0.0802 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 0:00 | 0.0000 | 0.0000 | 0.0802 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 0:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 1:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 1:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 2:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 2:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 3:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 3:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 4:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 4:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 5:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 5:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 6:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 6:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 7:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 7:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 8:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 8:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 9:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |

| Normalisation of unplanned SAIFI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIFI Major Event 1 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIFI (half-hour) | Sum SAIFI (previous 24-hour) | Max SAIFI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIFI Unplanned Assessed Value | Zone Substation | Feeder |
| 16/06/2024 9:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 10:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 10:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 11:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 11:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 12:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 12:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 13:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 13:30 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 14:00 | 0.0000 | 0.0000 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 14:30 | 0.0387 | 0.0387 | 0.0816 | 0.0671 | 0.0014 | 0.0014 | Pleasant Point | Waitawa |
| 16/06/2024 15:00 | 0.0000 | 0.0387 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 15:30 | 0.0000 | 0.0387 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 16:00 | 0.0000 | 0.0387 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 16:30 | 0.0000 | 0.0387 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 17:00 | 0.0059 | 0.0446 | 0.0816 | 0.0671 | 0.0014 | 0.0014 | Pleasant Point | Pleasant Point Township |
| 16/06/2024 17:30 | 0.0000 | 0.0446 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 18:00 | 0.0000 | 0.0446 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 18:30 | 0.0000 | 0.0446 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 19:00 | 0.0000 | 0.0446 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 19:30 | 0.0100 | 0.0545 | 0.0816 | 0.0671 | 0.0014 | 0.0014 | Pleasant Point | Pleasant Point Township |
| 16/06/2024 20:00 | 0.0223 | 0.0769 | 0.0816 | 0.0671 | 0.0014 | 0.0014 | Pleasant Point | Sutherland |
| 16/06/2024 20:30 | 0.0000 | 0.0769 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 21:00 | 0.0000 | 0.0769 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 21:30 | 0.0028 | 0.0797 | 0.0816 | 0.0671 | 0.0014 | 0.0014 | Pleasant Point | Totara Valley |

| Normalisation of unplanned SAIFI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIFI Major Event 1 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIFI (half-hour) | Sum SAIFI (previous 24-hour) | Max SAIFI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIFI Unplanned Assessed Value | Zone Substation | Feeder |
| 16/06/2024 22:00 | 0.0000 | 0.0797 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 22:30 | 0.0006 | 0.0802 | 0.0816 | 0.0671 | 0.0014 | 0.0006 | Pleasant Point | Waitawa |
| 16/06/2024 23:00 | 0.0000 | 0.0802 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 16/06/2024 23:30 | 0.0000 | 0.0802 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 0:00 | 0.0013 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0013 | Albury | Cave |
| 17/06/2024 0:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 1:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 1:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 2:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 2:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 3:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 3:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 4:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 4:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 5:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 5:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 6:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 6:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 7:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 7:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 8:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 8:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 9:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 9:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 10:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 10:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |

| Normalisation of unplanned SAIFI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIFI Major Event 1 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIFI (half-hour) | Sum SAIFI (previous 24-hour) | Max SAIFI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIFI Unplanned Assessed Value | Zone Substation | Feeder |
| 17/06/2024 11:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 11:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 12:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 12:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 13:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 13:30 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| 17/06/2024 14:00 | 0.0000 | 0.0816 | 0.0816 | 0.0671 | 0.0014 | 0.0000 | | |
| **TOTAL** | **0.0816** | | | | | **0.0089** | | |

| | |
|---|---|
| **Cause** | Third party interference; Vehicle; Distribution lines (excluding LV)<br>This fault was caused by a motor vehicle accident that struck a pole carrying both an 11kV feeder and the 33kV supply to the Pleasant Point Zone Substation, which is supplied at N security. The incident resulted in a total outage at the substation, initially to ensure safety at the accident site and subsequently to allow for necessary repairs. |
| **How Alpine Energy responded** | Faults staff were dispatched to the site and, under the direction of the control room, began by isolating the affected lines to ensure safety for emergency services and those involved in the accident. Once the area was made safe, restoration efforts commenced using alternate feeds from Timaru and Albury. Customers who could not be supplied via these alternate paths remained without power until repairs were completed and the 33kV supply to Pleasant Point was restored. |
| **Any mitigating factors that could have prevented the event** | No mitigating factors were identified. |
| **Steps to mitigate risk of future similar events** | The only potential mitigation would be to upgrade the Pleasant Point Zone Substation to N-1 security. However, Alpine Energy has no current plans to implement this upgrade. |

**Table 22: Normalisation of unplanned SAIFI major events and additional required information for the assessment period**

| Normalisation of unplanned SAIFI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIFI Major Event 2 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIFI (half-hour) | Sum SAIFI (previous 24-hour) | Max SAIFI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIFI Unplanned Assessed Value | Zone Substation | Feeder |
| 18/02/2025 23:30 | 0.0000 | 0.0002 | 0.0725 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 0:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 0:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 1:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 1:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 2:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 2:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 3:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 3:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 4:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 4:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 5:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 5:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 6:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 6:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 7:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 7:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 8:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 8:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 9:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 9:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 10:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 10:30 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 11:00 | 0.0000 | 0.0002 | 0.0857 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 11:30 | 0.0000 | 0.0002 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 12:00 | 0.0450 | 0.0452 | 0.0863 | 0.0671 | 0.0014 | 0.0014 | Geraldine | Geraldine Township |
| 19/02/2025 12:30 | 0.0000 | 0.0452 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |

| Normalisation of unplanned SAIFI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIFI Major Event 2 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIFI (half-hour) | Sum SAIFI (previous 24-hour) | Max SAIFI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIFI Unplanned Assessed Value | Zone Substation | Feeder |
| 19/02/2025 13:00 | 0.0000 | 0.0452 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 13:30 | 0.0000 | 0.0452 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 14:00 | 0.0000 | 0.0452 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 14:30 | 0.0000 | 0.0452 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 15:00 | 0.0000 | 0.0452 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 15:30 | 0.0000 | 0.0450 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 16:00 | 0.0000 | 0.0450 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 16:30 | 0.0000 | 0.0450 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 17:00 | 0.0000 | 0.0450 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 17:30 | 0.0000 | 0.0450 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 18:00 | 0.0000 | 0.0450 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 18:30 | 0.0005 | 0.0455 | 0.0863 | 0.0671 | 0.0014 | 0.0005 | Pareora | Holme Station |
| 19/02/2025 19:00 | 0.0015 | 0.0470 | 0.0863 | 0.0671 | 0.0014 | 0.0014 | Bells Pond | Waikakahi |
| 19/02/2025 19:30 | 0.0000 | 0.0470 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 20:00 | 0.0019 | 0.0488 | 0.0863 | 0.0671 | 0.0014 | 0.0014 | Albury | Cave |
| 19/02/2025 20:30 | 0.0000 | 0.0489 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | Pareora | St Andrews |
| 19/02/2025 21:00 | 0.0000 | 0.0489 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 21:30 | 0.0000 | 0.0489 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 22:00 | 0.0000 | 0.0489 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 22:30 | 0.0000 | 0.0489 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 19/02/2025 23:00 | 0.0236 | 0.0725 | 0.0863 | 0.0671 | 0.0014 | 0.0014 | Studholme | Waihaorunga |
| 19/02/2025 23:30 | 0.0132 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0014 | Studholme | Waihaorunga |
| 20/02/2025 0:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 0:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 1:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 1:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 2:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 2:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |

| Normalisation of unplanned SAIFI Major Events | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SAIFI Major Event 2 | | | | | | | | |
| Data and time (half-hour commencing) | Sum SAIFI (half-hour) | Sum SAIFI (previous 24-hour) | Max SAIFI (rolling 24-hour) | Boundary value | 1/48th Boundary Value | SAIFI Unplanned Assessed Value | Zone Substation | Feeder |
| 20/02/2025 3:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 3:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 4:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 4:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 5:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 5:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 6:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 6:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 7:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 7:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 8:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 8:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 9:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | Pleasant Point | Totara Valley |
| 20/02/2025 9:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 10:00 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 10:30 | 0.0000 | 0.0857 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| 20/02/2025 11:00 | 0.0006 | 0.0863 | 0.0863 | 0.0671 | 0.0014 | 0.0006 | Albury | Cave |
| 20/02/2025 11:30 | 0.0000 | 0.0863 | 0.0863 | 0.0671 | 0.0014 | 0.0000 | | |
| **TOTAL** | **0.0863** | | | | | **0.0081** | | |

| | |
|---|---|
| **Cause** | Major fault<br>Defective equipment; Cable fault; Distribution cables (excluding LV)<br>This was found to be a cable fault that occurred at the RMU G240 cable termination in Talbot St Geraldine causing an outage of the Geraldine township feeder.<br><br>Additional faults<br>Lightning; Lightning; Distribution lines (excluding LV)<br>This was the result of a lightning storm that travelled though the network and caused multiple smaller faults, the majority of which were in the southern part of the network. |
| **How Alpine Energy responded** | Major fault<br>Faults staff were dispatched to the site. As the cause of the outage was not immediately evident, the faultsperson, under direction from the control room, began sectionalising the feeder and test livening segments. Through this process, the fault was identified. Once located, the faulty cable and an associated transformer were isolated, allowing power to be restored to the majority of ICPs. Access was then issued to disconnect the cable from the transformer and complete full restoration via an alternate supply.<br><br>Additional faults<br>Faults staff attended each affected site. Most issues were caused by blown transformer fuses, which were replaced upon discovery. Due to safety concerns from the ongoing severe weather, staff were stood down just after 10 p.m., and restoration efforts resumed the following morning. |
| **Any mitigating factors that could have prevented the event** | No mitigating factors were identified. |
| **Steps to mitigate risk of future similar events** | Although not a direct response to these specific incidents, Alpine Energy is continuing to expand the deployment of field equipment capable of communicating with our SCADA system. Over time, this will support our control room operators in identifying fault locations more efficiently, reducing the time required for initial fault finding and restoration. |

**Table 23: Normalisation of unplanned SAIFI major events and additional required information for the assessment period**

# APPENDIX E – DIRECTORS' CERTIFICATE

**Schedule 7: Form of director's certificate for annual compliance statement**

Clause 11.5 (d)

We, Tony King and Albert Brantley, being directors of Alpine Energy Limited certify that, having made all reasonable enquiry, to the best of my/our knowledge and belief, the attached annual compliance statement of Alpine Energy Limited, and related information, prepared for the purposes of the Electricity Distribution Services Default Price-Quality Path Determination 2020 has been prepared in accordance with all the relevant requirements.

Tony King

Director

28 August 2025

Albert Brantley

Director

28 August 2025

Note: Section 103(2) of the Commerce Act 1986 provides that no person shall attempt to deceive or knowingly mislead the Commission in relation to any matter before it. It is an offence to contravene section 103(2) and any person who does so is liable on summary conviction to a fine not exceeding $100,000 in the case of an individual or $300,000 in the case of a body corporate.

# Independent Assurance Report

To the Directors of Alpine Energy Limited and to the Commerce Commission on the Annual Compliance Statement for the assessment period ended 31 March 2025 as required by the Electricity Distribution Services Default Price-Quality Path Determination 2020 (consolidated 20 May 2020)

The Auditor-General is the auditor of Alpine Energy Limited (the Company). The Auditor-General has appointed me, Elizabeth Adriana (Adri) Smit, using the staff and resources of PricewaterhouseCoopers, to undertake a reasonable assurance engagement, on his behalf, on whether the Annual Compliance Statement on pages 4 to 34 for the assessment period ended 31 March 2025 has been prepared, in all material respects, in compliance with the Electricity Distribution Services Default Price-Quality Path Determination 2020 (consolidated 20 May 2020) (the Determination).

**Opinion**

In our opinion, in all material respects:

- as far as appears from an 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
- identification of risks that may threaten compliance with the clauses identified above and controls which will mitigate those risks and monitoring 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 recalculation of the wash-up amount in accordance with schedule 1.6 of the Determination and assessing it against the amounts and disclosures contained on pages 4 to 7 and 16 to 21 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 13 and 22 to 34 of the Annual Compliance Statement.

In relation to the quality incentive adjustment set out in Schedule 4 of the Determination, our procedures included recalculation of the quality incentive adjustment in accordance with Schedule 4 of the Determination and assessing it against the amounts and disclosures contained on pages 14 to 15 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**

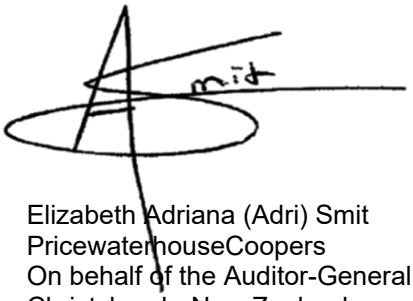
This report has been prepared for use by the Directors of the Company and the Commerce Commission in accordance with clause 11.5 (e) of the Determination and is provided solely for the purpose of establishing whether the compliance requirements have been met. We disclaim any assumption of responsibility 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 PricewaterhouseCoopers and its partners and 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 Information Disclosures, other regulatory requirements of the Commerce Act 1986, and the annual audit of the Company's financial statements and performance information, we have no relationship with, or interests in, the Company.



Elizabeth Adriana (Adri) Smit
PricewaterhouseCoopers
On behalf of the Auditor-General
Christchurch, New Zealand
29 August 2025