



Alpine Energy Limited Pricing Schedule effective 1 April 2023



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1. Introduction

In this pricing schedule you will find Alpine Energy Limited's lines charges for electricity distribution services effective 1 April 2023 and the charges for the previous year, effective 1 April 2022 for comparison.

2. What are lines charges?

The term 'lines charges' (also referred to as delivery charges) describes the total price we charge to transport electricity to consumers' homes and businesses.

Lines charges include:

- Our distribution charges
- Pass-through and recoverable cost charges, including Transpower's transmission charges
- Any wash-up balances from previous years

Our lines charges are shown in Appendix A.

3. What are unbundled lines charges?

Unbundled lines charges show the component prices that make up the total lines charges. In Appendix B you will find the lines charges broken into:

- Distribution charges– Alpine Energy's charges to provide electricity distribution services
- Recovery of pass-through and recoverable costs (excluding transmission charges) which include costs such as rates and regulator levies that are passed through to us
- Transpower's transmission charges

4. What are the loss factors?

Losses represent the percentage of electricity entering the network that is lost during the delivery to installation control points (ICPs). The quantity of electricity metered at ICPs is net of losses.

Our loss factors are presented as a ratio of electricity entering our distribution network, to electricity delivered to IPCs, and are categorised by network segment (known as loss category codes).

Loss factors for each loss category code are included in Appendix C.

The total average loss percentage reported for the year ended 31 March 2022 was 3.6%.¹

¹ Schedule 9e(ii) - [Alpine Energy Limited, Information Disclosure Schedules 1-10, August 2022](#)

5. Want more information?

Our Pricing Methodology provides more detail on our approach to setting our lines charges including:

- how we set standard and non-standard process and distributed generation pricing
- how we calculate and allocate costs across different consumer groups
- how we assess impact to consumers from price changes
- our alignment with the Electricity Authority's pricing principles
- our plans to evolve our pricing as consumer preferences and technology change how our network is used.

Our Pricing Methodology is available on our website www.alpineenergy.co.nz or contact us.

For any further questions about our pricing please contact us:

- email us at mailbox@alpineenergy.co.nz with the subject line "Pricing"
- Call us on 03 687 4300
- Visit us at 24 Elginshire Street, Washdyke, between 8.30am and 4.30pm

6. Complaint process

If you have a complaint about our service, please contact us on 03 687 4300. We will respond to your complaint by:

- Confirming with you that you are making a formal complaint rather than wanting to talk through an issue with us
- Acknowledging the complaint within 2 working days
- Answering your complaint within 20 working days

We are a member of the Utilities Disputes complaints scheme. If you have raised a complaint that we have not managed to resolve, you can contact Utilities Disputes. This is a free and independent service. Phone 0800 22 33 40, or visit www.udl.co.nz

Appendix A: Lines charges

| PRICING SCHEDULE EFFECTIVE FROM 1 APRIL 2023 | | LINES CHARGES | | | | NUMBER OF CONSUMERS as at 31/03/2024 |
|--|--|------------------|-------------------------|---------------------------|----------------------|--|
| | | FIXED per day | VARIABLE DAY per kWh | VARIABLE NIGHT per kWh | DEMAND per kW/day | |
| LOWHCA | Low User (controlled) high-cost area | \$0.4500 | \$0.1041 | \$0.0993 | \$0.0000 | 2,365 |
| LOWLCA | Low User (controlled) low-cost area | \$0.4500 | \$0.0960 | \$0.0912 | \$0.0000 | 11,184 |
| LOWUHCA | Low User (uncontrolled) high-cost area | \$0.4500 | \$0.1034 | \$0.0986 | \$0.0000 | 15 |
| LOWULCA | Low User (uncontrolled) low-cost area | \$0.4500 | \$0.0938 | \$0.0890 | \$0.0000 | 43 |
| 015HCA | Single Phase (controlled) high-cost area | \$2.7937 | \$0.0088 | \$0.0040 | \$0.0000 | 5,818 |
| 015LCA | Single Phase (controlled) low-cost area | \$2.5944 | \$0.0088 | \$0.0040 | \$0.0000 | 11,167 |
| 015UHCA | Single Phase (uncontrolled) high-cost area | \$2.7763 | \$0.0088 | \$0.0040 | \$0.0000 | 39 |
| 015ULCA | Single Phase (uncontrolled) low-cost area | \$2.5392 | \$0.0088 | \$0.0040 | \$0.0000 | 37 |
| 360HCA | Three Phase (controlled) high-cost area | \$9.3167 | \$0.0088 | \$0.0040 | \$0.0000 | 540 |
| 360LCA | Three Phase (controlled) low-cost area | \$8.0402 | \$0.0088 | \$0.0040 | \$0.0000 | 756 |
| 360UHCA | Three Phase (uncontrolled) high-cost area | \$10.2945 | \$0.0088 | \$0.0040 | \$0.0000 | 14 |
| 360ULCA | Three Phase (uncontrolled) low-cost area | \$7.7527 | \$0.0088 | \$0.0040 | \$0.0000 | 15 |
| ASSHCA | Assessed demand high-cost area | \$9.8142 | \$0.0088 | \$0.0040 | \$0.2057 | 1,314 |
| ASSLCA | Assessed demand low-cost area | \$7.0426 | \$0.0088 | \$0.0040 | \$0.1625 | 409 |
| TOU400HCA | Time-of-Use metering at 400 V high-cost area | \$6.9953 | \$0.0075 | \$0.0033 | \$0.5179 | 36 |
| TOU400LCA | Time-of-Use metering at 400 V low-cost area | \$6.3468 | \$0.0095 | \$0.0040 | \$0.4645 | 99 |
| TOU11HCA | Time-of-Use metering at 11 kV high-cost area | \$7.3245 | \$0.0098 | \$0.0042 | \$0.4872 | 4 |
| TOU11LCA | Time-of-Use metering at 11 kV low-cost area | \$6.3776 | \$0.0096 | \$0.0041 | \$0.5620 | 4 |

NOTES:

Lines charges include distribution and transmission charges and exclude metering charges.

Fixed charges accrue daily at the rate of 1/366th of the annual amount for 2023/24. The fixed transmission charge for sites in the 015UHCA, 015ULCA, 360UHCA and 360ULCA load groups is a special charge for the provision of electric water heating that cannot be controlled by Alpine Energy via a ripple relay.

Variable charges are made up of day unit charges which are levied in respect of all units used between 7am and 11pm and night unit charges which are levied in respect of the period 11pm to 7am.

Demand charges only apply to sites with a demand (kW) charge. The demand level at these sites is assessed and set by us and is available on request. The charge accrues daily at the rate of 1/366th of the annual amount for 2023/24.

All charges are GST exclusive. GST is payable in addition to the charges.

Lines charges effective 1 April 2022

| Pricing schedule effective from 1 April 2022 | | LINES CHARGES | | | | Number of consumers |
|--|--|---------------|--------------|----------------|------------|---------------------|
| | | FIXED | VARIABLE DAY | VARIABLE NIGHT | DEMAND | |
| | | per day | per kWh | per kWh | per kW/day | as at 31/03/2023 |
| LOWHCA | Low User (controlled) high-cost area | \$0.3000 | \$0.1018 | \$0.0716 | \$0.0000 | 2,228 |
| LOWLCA | Low User (controlled) low-cost area | \$0.3000 | \$0.0962 | \$0.0659 | \$0.0000 | 11,001 |
| LOWUHCA | Low User (uncontrolled) high-cost area | \$0.3000 | \$0.1258 | \$0.0956 | \$0.0000 | 13 |
| LOWULCA | Low User (uncontrolled) low-cost area | \$0.3000 | \$0.1193 | \$0.0891 | \$0.0000 | 45 |
| 015HCA | Single Phase (controlled) high-cost area | \$1.5050 | \$0.0529 | \$0.0227 | \$0.0000 | 5,800 |
| 015LCA | Single Phase (controlled) low-cost area | \$1.3654 | \$0.0529 | \$0.0227 | \$0.0000 | 11,189 |
| 015UHCA | Single Phase (uncontrolled) high-cost area | \$2.0972 | \$0.0529 | \$0.0227 | \$0.0000 | 32 |
| 015ULCA | Single Phase (uncontrolled) low-cost area | \$1.9367 | \$0.0529 | \$0.0227 | \$0.0000 | 36 |
| 360HCA | Three Phase (controlled) high-cost area | \$6.1807 | \$0.0529 | \$0.0227 | \$0.0000 | 525 |
| 360LCA | Three Phase (controlled) low-cost area | \$4.4840 | \$0.0529 | \$0.0227 | \$0.0000 | 743 |
| 360UHCA | Three Phase (uncontrolled) high-cost area | \$6.6626 | \$0.0529 | \$0.0227 | \$0.0000 | 14 |
| 360ULCA | Three Phase (uncontrolled) low-cost area | \$5.0756 | \$0.0529 | \$0.0227 | \$0.0000 | 13 |
| ASSHCA | Assessed demand high-cost area | \$2.0611 | \$0.0529 | \$0.0227 | \$0.1488 | 1,252 |
| ASSLCA | Assessed demand low-cost area | \$1.4259 | \$0.0529 | \$0.0227 | \$0.0967 | 403 |
| TOU400HCA | Time-of-Use metering at 400 V high-cost area | \$1.4657 | \$0.0165 | \$0.0071 | \$0.4178 | 35 |
| TOU400LCA | Time-of-Use metering at 400 V low-cost area | \$1.1694 | \$0.0230 | \$0.0099 | \$0.2732 | 95 |
| TOU11HCA | Time-of-Use metering at 11 kV high-cost area | \$1.2215 | \$0.0287 | \$0.0123 | \$0.2431 | 6 |
| TOU11LCA | Time-of-Use metering at 11 kV low-cost area | \$1.1845 | \$0.0228 | \$0.0098 | \$0.3850 | 4 |

NOTES:

Lines charges include distribution and transmission charges and excludes metering charges.

Fixed charges accrue daily at the rate of 1/365th of the annual amount. The fixed transmission charge for sites in the 015UHCA, 015ULCA, 360UHCA and 360ULCA load groups is a special charge for the provision of electric water heating that cannot be controlled by Alpine Energy via a ripple relay.

Variable charges are made up of day unit charges which are levied in respect of all units used between 7am and 11pm and night unit charges which are levied in respect of the period 11pm to 7am.

Demand charges only apply to sites with a demand (kW) charge. The demand level at these sites is assessed and set by us and is available on request. The charge accrues daily at the rate of 1/365th of the annual amount for 2022/2023.

All charges are GST exclusive. GST is payable in addition to the charges.

Appendix B: Unbundled lines charges

Unbundled lines charges effective 1 April 2023

| Unbundled lines charges effective from 1 April 2023 | | Distribution Charges | | | | Pass-through and recoverable costs | | | | Transmission charges | | | | Number of consumers as at 31/03/2024 |
|--|--|----------------------|----------------------------|------------------------------|-------------------------|------------------------------------|----------------------------|------------------------------|-------------------------|----------------------|----------------------------|------------------------------|-------------------------|---|
| | | Fixed per day | Variable day per kWh | Variable night per kWh | Demand per kW/day | Fixed per day | Variable day per kWh | Variable night per kWh | Demand per kW/day | Fixed per day | Variable day per kWh | Variable night per kWh | Demand per kW/day | |
| LOWHCA | Low User (controlled) high-cost area | \$0.4408 | \$0.0527 | \$0.0517 | \$0.0000 | \$0.0092 | \$0.0260 | \$0.0222 | \$0.0000 | \$0.0000 | \$0.0254 | \$0.0254 | \$0.0000 | 2,365 |
| LOWLCA | Low User (controlled) low-cost area | \$0.4408 | \$0.0468 | \$0.0458 | \$0.0000 | \$0.0092 | \$0.0260 | \$0.0222 | \$0.0000 | \$0.0000 | \$0.0232 | \$0.0232 | \$0.0000 | 11,184 |
| LOWUHCA | Low User (uncontrolled) high-cost area | \$0.4408 | \$0.0522 | \$0.0512 | \$0.0000 | \$0.0092 | \$0.0260 | \$0.0222 | \$0.0000 | \$0.0000 | \$0.0252 | \$0.0252 | \$0.0000 | 15 |
| LOWULCA | Low User (uncontrolled) low-cost area | \$0.4408 | \$0.0452 | \$0.0442 | \$0.0000 | \$0.0092 | \$0.0260 | \$0.0222 | \$0.0000 | \$0.0000 | \$0.0226 | \$0.0226 | \$0.0000 | 43 |
| 015HCA | Single Phase (controlled) high-cost area | \$1.6856 | \$0.0021 | \$0.0011 | \$0.0000 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$0.6234 | \$0.0000 | \$0.0000 | \$0.0000 | 5,818 |
| 015LCA | Single Phase (controlled) low-cost area | \$1.5401 | \$0.0021 | \$0.0011 | \$0.0000 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$0.5696 | \$0.0000 | \$0.0000 | \$0.0000 | 11,167 |
| 015UHCA | Single Phase (uncontrolled) high-cost area | \$1.6729 | \$0.0021 | \$0.0011 | \$0.0000 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$0.6187 | \$0.0000 | \$0.0000 | \$0.0000 | 39 |
| 015ULCA | Single Phase (uncontrolled) low-cost area | \$1.4998 | \$0.0021 | \$0.0011 | \$0.0000 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$0.5547 | \$0.0000 | \$0.0000 | \$0.0000 | 37 |
| 360HCA | Three Phase (controlled) high-cost area | \$6.9020 | \$0.0021 | \$0.0011 | \$0.0000 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$1.9300 | \$0.0000 | \$0.0000 | \$0.0000 | 540 |
| 360LCA | Three Phase (controlled) low-cost area | \$5.6877 | \$0.0021 | \$0.0011 | \$0.0000 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$1.8678 | \$0.0000 | \$0.0000 | \$0.0000 | 756 |
| 360UHCA | Three Phase (uncontrolled) high-cost area | \$7.2977 | \$0.0021 | \$0.0011 | \$0.0000 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$2.5121 | \$0.0000 | \$0.0000 | \$0.0000 | 14 |
| 360ULCA | Three Phase (uncontrolled) low-cost area | \$5.4068 | \$0.0021 | \$0.0011 | \$0.0000 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$1.8612 | \$0.0000 | \$0.0000 | \$0.0000 | 15 |
| ASSHCA | Assessed demand high-cost area | \$5.0371 | \$0.0021 | \$0.0011 | \$0.1791 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$4.2924 | \$0.0000 | \$0.0000 | \$0.0266 | 1,314 |
| ASSLCA | Assessed demand low-cost area | \$3.5407 | \$0.0021 | \$0.0011 | \$0.1281 | \$0.4847 | \$0.0067 | \$0.0029 | \$0.0000 | \$3.0172 | \$0.0000 | \$0.0000 | \$0.0344 | 409 |
| TOU400HCA | Time-of-Use metering at 400 V high-cost area | \$3.4146 | \$0.0074 | \$0.0032 | \$0.3917 | \$0.4847 | \$0.0001 | \$0.0001 | \$0.0000 | \$3.0960 | \$0.0000 | \$0.0000 | \$0.1262 | 36 |
| TOU400LCA | Time-of-Use metering at 400 V low-cost area | \$2.9828 | \$0.0094 | \$0.0040 | \$0.3782 | \$0.4847 | \$0.0001 | \$0.0000 | \$0.0000 | \$2.8793 | \$0.0000 | \$0.0000 | \$0.0863 | 99 |
| TOU11HCA | Time-of-Use metering at 11 kV high-cost area | \$3.1082 | \$0.0098 | \$0.0042 | \$0.4038 | \$0.4847 | \$0.0000 | \$0.0000 | \$0.0000 | \$3.7316 | \$0.0000 | \$0.0000 | \$0.0834 | 4 |
| TOU11LCA | Time-of-Use metering at 11 kV low-cost area | \$2.6268 | \$0.0096 | \$0.0041 | \$0.3876 | \$0.4847 | \$0.0000 | \$0.0000 | \$0.0000 | \$3.2661 | \$0.0000 | \$0.0000 | \$0.1744 | 4 |

Unbundled lines charges effective 1 April 2022

| Unbundled lines charges effective from 1 April 2022 | | Distribution Charges | | | | Pass-through and recoverable costs | | | | Transmission charges | | | | Number of consumers as at 31/03/2023 |
|--|--|----------------------|----------------------------|------------------------------|-------------------------|------------------------------------|----------------------------|------------------------------|-------------------------|----------------------|----------------------------|------------------------------|-------------------------|---|
| | | Fixed per day | Variable day per kWh | Variable night per kWh | Demand per kW/day | Fixed per day | Variable day per kWh | Variable night per kWh | Demand per kW/day | Fixed per day | Variable day per kWh | Variable night per kWh | Demand per kW/day | |
| LOWHCA | Low User (controlled) high-cost area | \$0.3021 | \$0.0840 | \$0.0657 | \$0.0000 | -\$0.0021 | -\$0.0053 | -\$0.0040 | \$0.0000 | \$0.0000 | \$0.0231 | \$0.0099 | \$0.0000 | 2,228 |
| LOWLCA | Low User (controlled) low-cost area | \$0.3021 | \$0.0784 | \$0.0601 | \$0.0000 | -\$0.0021 | -\$0.0054 | -\$0.0041 | \$0.0000 | \$0.0000 | \$0.0231 | \$0.0099 | \$0.0000 | 11,001 |
| LOWUHCA | Low User (uncontrolled) high-cost area | \$0.3021 | \$0.0835 | \$0.0652 | \$0.0000 | -\$0.0021 | -\$0.0053 | -\$0.0040 | \$0.0000 | \$0.0000 | \$0.0476 | \$0.0344 | \$0.0000 | 13 |
| LOWULCA | Low User (uncontrolled) low-cost area | \$0.3021 | \$0.0769 | \$0.0586 | \$0.0000 | -\$0.0021 | -\$0.0052 | -\$0.0040 | \$0.0000 | \$0.0000 | \$0.0476 | \$0.0344 | \$0.0000 | 45 |
| 015HCA | Single Phase (controlled) high-cost area | \$1.5827 | \$0.0321 | \$0.0137 | \$0.0000 | -\$0.0777 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.0000 | \$0.0231 | \$0.0099 | \$0.0000 | 5,800 |
| 015LCA | Single Phase (controlled) low-cost area | \$1.4451 | \$0.0321 | \$0.0137 | \$0.0000 | -\$0.0797 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.0000 | \$0.0231 | \$0.0099 | \$0.0000 | 11,189 |
| 015UHCA | Single Phase (uncontrolled) high-cost area | \$1.5708 | \$0.0321 | \$0.0137 | \$0.0000 | -\$0.0784 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.6048 | \$0.0231 | \$0.0099 | \$0.0000 | 32 |
| 015ULCA | Single Phase (uncontrolled) low-cost area | \$1.4083 | \$0.0321 | \$0.0137 | \$0.0000 | -\$0.0765 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.6049 | \$0.0231 | \$0.0099 | \$0.0000 | 36 |
| 360HCA | Three Phase (controlled) high-cost area | \$6.2447 | \$0.0321 | \$0.0137 | \$0.0000 | -\$0.0640 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.0000 | \$0.0231 | \$0.0099 | \$0.0000 | 525 |
| 360LCA | Three Phase (controlled) low-cost area | \$4.5596 | \$0.0321 | \$0.0137 | \$0.0000 | -\$0.0757 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.0000 | \$0.0231 | \$0.0099 | \$0.0000 | 743 |
| 360UHCA | Three Phase (uncontrolled) high-cost area | \$6.1325 | \$0.0321 | \$0.0137 | \$0.0000 | -\$0.0747 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.6048 | \$0.0231 | \$0.0099 | \$0.0000 | 14 |
| 360ULCA | Three Phase (uncontrolled) low-cost area | \$4.5435 | \$0.0321 | \$0.0137 | \$0.0000 | -\$0.0727 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.6049 | \$0.0231 | \$0.0099 | \$0.0000 | 13 |
| ASSHCA | Assessed demand high-cost area | \$2.1368 | \$0.0321 | \$0.0137 | \$0.1222 | -\$0.0757 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.0000 | \$0.0231 | \$0.0099 | \$0.0266 | 1,252 |
| ASSLCA | Assessed demand low-cost area | \$1.5020 | \$0.0321 | \$0.0137 | \$0.0623 | -\$0.0761 | -\$0.0022 | -\$0.0010 | \$0.0000 | \$0.0000 | \$0.0231 | \$0.0099 | \$0.0344 | 403 |
| TOU400HCA | Time-of-Use metering at 400 V high-cost area | \$1.5412 | \$0.0105 | \$0.0045 | \$0.2916 | -\$0.0755 | -\$0.0001 | -\$0.0000 | \$0.0000 | \$0.0000 | \$0.0061 | \$0.0026 | \$0.1262 | 35 |
| TOU400LCA | Time-of-Use metering at 400 V low-cost area | \$1.2464 | \$0.0183 | \$0.0078 | \$0.1869 | -\$0.0770 | -\$0.0000 | -\$0.0000 | \$0.0000 | \$0.0000 | \$0.0048 | \$0.0021 | \$0.0863 | 95 |
| TOU11HCA | Time-of-Use metering at 11 kV high-cost area | \$1.2989 | \$0.0186 | \$0.0080 | \$0.1596 | -\$0.0774 | -\$0.0000 | -\$0.0000 | \$0.0000 | \$0.0000 | \$0.0102 | \$0.0044 | \$0.0834 | 6 |
| TOU11LCA | Time-of-Use metering at 11 kV low-cost area | \$1.2620 | \$0.0119 | \$0.0051 | \$0.2107 | -\$0.0774 | -\$0.0000 | -\$0.0000 | \$0.0000 | \$0.0000 | \$0.0109 | \$0.0047 | \$0.1744 | 4 |

Appendix C: Loss factors effective 1 April 2023

| Loss category code | Description | Loss factor effective 1 April 2022 |
|--------------------|--|------------------------------------|
| ALV | Total Alpine network general (non-SS) load at 0.4 kV customer service lines segment | 1.049 |
| A11 | Total Alpine network general (non-SS) load at 11 kV HV network segment | 1.019 |
| A33 | Total Alpine network general (non-SS) load at 33 kV HV network segment | 1.020 |
| AOP | Opuha site specific generator injecting at sub transmission segment | 0.969 |
| A11SS1 | Fonterra Studholme site specific load supplied via 11 kV HV network segment (W297) | 1.004 |
| A11SS2 | Fonterra Studholme site specific load supplied via 11 kV HV network segment (W367) | 1.012 |
| AMP1 | Mountain Power embedded network site specific load at 11 kV HV network segment (MP1) | 1.005 |
| AMP4 | Mountain Power embedded network site specific load at 11 kV HV network segment (MP4) | 1.010 |