



Alpine Energy Limited Pricing Schedule effective 1 April 2022



Contents

- 1. Introduction 1
- 2. What are delivery charges? 1
- 3. What are unbundled lines charges? 1
- 4. What are the loss factors? 1
- 5. Do you have a question?..... 2
- 6. Complaint process..... 2
- Appendix A: Delivery charges..... 3
- Appendix B: Unbundled lines charges..... 7
- Appendix C: Loss factors effective 1 April 2022..... 9

1. Introduction

In this pricing schedule you will find Alpine Energy Limited's charges for the delivery of electricity distribution lines services effective 1 April 2022 and the charges for the previous year, effective 1 April 2021.

2. What are delivery charges?

The term 'delivery charge' describes the total price we charge to transport electricity from the national grid to consumers' homes and businesses.

Delivery prices include recovery of:

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

Our delivery charges are shown in Appendix A.

3. What are unbundled lines charges?

Unbundled lines charges show the component prices that make up the delivery charges. In Appendix B you will find the delivery 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 factor for each loss category code is included in Appendix C.

The loss percentage (loss ratio) reported under the information disclosure requirements (schedule 9(e)(ii)¹) for the year ended 31 March 2021 was 4.3%.

¹ https://www.alpineenergy.co.nz/_data/assets/pdf_file/0021/17715/Alpine-Energy-Limited-Information-Disclosure-Schedules.pdf

5. Do you have a question?

For more details on our pricing methodology please go to our *Pricing Methodology–for delivery prices effective 1 April 2022* (Pricing Methodology).

To get a copy of our Pricing Methodology you can:

- Go to our website at <https://www.alpineenergy.co.nz>
- Call us at 03 687 4300 and we can email or post you a copy
- Visit our offices at 24 Elginshire Street between 8:30am and 4:30pm

If you have any questions about our pricing, please call us on 03 687 4300 or email us at analyst@alpineenergy.co.nz.

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

If we can't resolve your complaint, you can contact Utilities Disputes Ltd, formerly known as the Electricity and Gas Complaints Commissioner, on <http://www.utilitiesdisputes.co.nz> or on 0800 22 33 40.

Appendix A: Delivery charges

Delivery charges effective 1 April 2022

Pricing schedule effective from 1 April 2022		Delivery charges				Number of consumers as at 31/03/2023
		FIXED per day	VARIABLE DAY per kWh	VARIABLE NIGHT per kWh	DEMAND per KW/day	
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:

Delivery 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. Charges are based on metering at the grid exit points supplying the network with a reduction for the declared network loss level to emulate usage metered on site. The additional distribution charge of \$0.0489/kWh for day and night usage in the LOWHCA, \$0.0432/kWh for day and night usage in the LOWLCA load groups, \$0.0484/kWh for day and night usage in the LOWUHCA, and \$0.0418/kWh for day and night usage in the LOWULCA load groups is charged based on usage advised by electricity retailers. The additional variable transmission charge of \$0.0245/kWh for day and night usage for sites in the LOWUHCA and LOWULCA load groups is a special charge for provision of electric water heating that cannot be controlled by us via a ripple relay and is charged based on usage advised by electricity retailers.

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.

All charges are GST exclusive. GST is payable in addition to the charges. Additional terms and conditions detailed in our "Use of System Agreement" and "Memorandum of Understanding" may also apply.

Delivery charges effective 1 April 2021

Pricing schedule effective from 1 April 2021		Delivery charges				Number of consumers as at 31/03/2022
		Fixed per day	Variable day per kWh	Variable night per kWh	Demand per KW/day	
LOWHCA	Low User (controlled) high-cost area	\$0.1500	\$0.1051	\$0.0750	\$0.0000	2,135
LOWLCA	Low User (controlled) low-cost area	\$0.1500	\$0.0994	\$0.0693	\$0.0000	10,752
LOWUHCA	Low User (uncontrolled) high-cost area	\$0.1500	\$0.1288	\$0.0987	\$0.0000	19
LOWULCA	Low User (uncontrolled) low-cost area	\$0.1500	\$0.1224	\$0.0923	\$0.0000	41
015HCA	Single Phase (controlled) high-cost area	\$1.4438	\$0.0527	\$0.0226	\$0.0000	5,770
015LCA	Single Phase (controlled) low-cost area	\$1.3026	\$0.0527	\$0.0226	\$0.0000	11,340
015UHCA	Single Phase (uncontrolled) high-cost area	\$2.0281	\$0.0527	\$0.0226	\$0.0000	36
015ULCA	Single Phase (uncontrolled) low-cost area	\$1.8689	\$0.0527	\$0.0226	\$0.0000	40
360HCA	Three Phase (controlled) high-cost area	\$6.1302	\$0.0527	\$0.0226	\$0.0000	510
360LCA	Three Phase (controlled) low-cost area	\$4.4243	\$0.0527	\$0.0226	\$0.0000	725
360UHCA	Three Phase (uncontrolled) high-cost area	\$6.5964	\$0.0527	\$0.0226	\$0.0000	14
360ULCA	Three Phase (uncontrolled) low-cost area	\$5.0109	\$0.0527	\$0.0226	\$0.0000	14
ASSHCA	Assessed demand high-cost area	\$2.0014	\$0.0527	\$0.0226	\$0.1360	1,266
ASSLCA	Assessed demand low-cost area	\$1.3659	\$0.0527	\$0.0226	\$0.0894	411
TOU400HCA	Time-of-Use metering at 400 V high-cost area	\$1.4062	\$0.0174	\$0.0075	\$0.4140	37
TOU400LCA	Time-of-Use metering at 400 V low-cost area	\$1.1086	\$0.0186	\$0.0080	\$0.2838	102
TOU11HCA	Time-of-Use metering at 11 kV high-cost area	\$1.1604	\$0.0297	\$0.0127	\$0.2337	6
TOU11LCA	Time-of-Use metering at 11 kV low-cost area	\$1.1235	\$0.0243	\$0.0104	\$0.3651	4

NOTES:

Delivery 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. Charges are based on metering at the grid exit points supplying the network with a reduction for the declared network loss level to emulate usage metered on site. The additional distribution charge of \$0.0525/kWh for day and night usage in the LOWHCA, \$0.0467/kWh for day and night usage in the LOWLCA load groups, \$0.0519/kWh for day and night usage in the LOWUHCA, and \$0.0455/kWh for day and night usage in the LOWULCA load groups is charged based on usage advised by electricity retailers. The additional variable transmission charge of \$0.0242/kWh for day and night usage for sites in the LOWUHCA and LOWULCA load groups is a special charge for provision of electric water heating that cannot be controlled by us via a ripple relay and is charged based on usage advised by electricity retailers.

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.

All charges are GST exclusive. GST is payable in addition to the charges. Additional terms and conditions detailed in our "Use of System Agreement" and "Memorandum of Understanding" may also apply.

Appendix B: Unbundled lines charges

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
TOU400HC A	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
TOU400LC A	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

Unbundled lines charges effective 1 April 2021

Unbundled lines charges effective from 1 April 2021		Distribution Charges				Pass-through and recoverable costs				Transmission charges				Number of consumers as at 31/03/2022
		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	\$0.1538	\$0.0918	\$0.0725	\$0.0000	-\$0.0038	-\$0.0097	-\$0.0073	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0000	2,135
LOWLCA	Low User (controlled) low-cost area	\$0.1538	\$0.0863	\$0.0669	\$0.0000	-\$0.0038	-\$0.0098	-\$0.0074	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0000	10,752
LOWUHCA	Low User (uncontrolled) high-cost area	\$0.1538	\$0.0914	\$0.0720	\$0.0000	-\$0.0038	-\$0.0098	-\$0.0073	\$0.0000	\$0.0000	\$0.0472	\$0.0341	\$0.0000	19
LOWULCA	Low User (uncontrolled) low-cost area	\$0.1538	\$0.0848	\$0.0654	\$0.0000	-\$0.0038	-\$0.0096	-\$0.0072	\$0.0000	\$0.0000	\$0.0472	\$0.0341	\$0.0000	41
015HCA	Single Phase (controlled) high-cost area	\$1.5827	\$0.0339	\$0.0145	\$0.0000	-\$0.1389	-\$0.0042	-\$0.0018	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0000	5,770
015LCA	Single Phase (controlled) low-cost area	\$1.4451	\$0.0339	\$0.0145	\$0.0000	-\$0.1425	-\$0.0042	-\$0.0018	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0000	11,340
015UHCA	Single Phase (uncontrolled) high-cost area	\$1.5708	\$0.0339	\$0.0145	\$0.0000	-\$0.1402	-\$0.0042	-\$0.0018	\$0.0000	\$0.5975	\$0.0230	\$0.0099	\$0.0000	36
015ULCA	Single Phase (uncontrolled) low-cost area	\$1.4083	\$0.0339	\$0.0145	\$0.0000	-\$0.1368	-\$0.0042	-\$0.0018	\$0.0000	\$0.5975	\$0.0230	\$0.0099	\$0.0000	40
360HCA	Three Phase (controlled) high-cost area	\$6.2447	\$0.0339	\$0.0145	\$0.0000	-\$0.1145	-\$0.0042	-\$0.0018	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0000	510
360LCA	Three Phase (controlled) low-cost area	\$4.5596	\$0.0339	\$0.0145	\$0.0000	-\$0.1354	-\$0.0042	-\$0.0018	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0000	725
360UHCA	Three Phase (uncontrolled) high-cost area	\$6.1325	\$0.0339	\$0.0145	\$0.0000	-\$0.1336	-\$0.0042	-\$0.0018	\$0.0000	\$0.5975	\$0.0230	\$0.0099	\$0.0000	14
360ULCA	Three Phase (uncontrolled) low-cost area	\$4.5435	\$0.0339	\$0.0145	\$0.0000	-\$0.1301	-\$0.0042	-\$0.0018	\$0.0000	\$0.5975	\$0.0230	\$0.0099	\$0.0000	14
ASSHCA	Assessed demand high-cost area	\$2.1368	\$0.0339	\$0.0145	\$0.1089	-\$0.1354	-\$0.0042	-\$0.0018	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0272	1,266
ASSLCA	Assessed demand low-cost area	\$1.5020	\$0.0339	\$0.0145	\$0.0560	-\$0.1361	-\$0.0042	-\$0.0018	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0335	411
TOU400HCA	Time-of-Use metering at 400 V high-cost area	\$1.5412	\$0.0114	\$0.0049	\$0.2791	-\$0.1350	-\$0.0001	-\$0.0000	\$0.0000	\$0.0000	\$0.0062	\$0.0026	\$0.1349	37
TOU400LCA	Time-of-Use metering at 400 V low-cost area	\$1.2464	\$0.0141	\$0.0060	\$0.2008	-\$0.1378	-\$0.0001	-\$0.0000	\$0.0000	\$0.0000	\$0.0046	\$0.0020	\$0.0830	102
TOU11HCA	Time-of-Use metering at 11 kV high-cost area	\$1.2989	\$0.0195	\$0.0084	\$0.1493	-\$0.1385	-\$0.0000	-\$0.0000	\$0.0000	\$0.0000	\$0.0102	\$0.0044	\$0.0845	6
TOU11LCA	Time-of-Use metering at 11 kV low-cost area	\$1.2620	\$0.0137	\$0.0059	\$0.2024	-\$0.1385	-\$0.0000	-\$0.0000	\$0.0000	\$0.0000	\$0.0106	\$0.0046	\$0.1628	4

Appendix C: Loss factors effective 1 April 2022

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