



Alpine Energy Limited
Pricing Schedule
effective 1 April 2022



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#### 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)<sup>1</sup>) for the year ended 31 March 2021 was 4.3%.

<sup>&</sup>lt;sup>1</sup> 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 <u>analyst@alpineenergy.co.nz</u>.

## 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 <a href="http://www.utilitiesdisputes.co.nz">http://www.utilitiesdisputes.co.nz</a> or on 0800 22 33 40.

# Appendix A: Delivery charges

Delivery charges effective 1 April 2022

			Number of			
Pricing schedul	e effective from 1 April 2022	FIXED	VARIABLE DAY	VARIABLE NIGHT	DEMAND	consumers
		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:**

**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 LOWLCA load groups, \$0.0484/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 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

			Number of			
Pricing schedu	le effective from 1 April 2021	Fixed	<b>Variable day</b> per kWh	Variable night	Demand	consumers
		per day		per kWh	per KW/day	as at 31/03/2022
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 LOWLCA load groups, \$0.0519/kWh for day and night usage in the LOWULCA, 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 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			Distributi	on Charges		Pass-	through and	recoverable	costs	Transmission charges				Number of	
	1 April 2022	Fixed	Variable day	Variable night	<b>Demand</b> per	Fixed	Variable day	Variable night	<b>Demand</b> per	Fixed	Variable day	Variable night	<b>Demand</b> per	consumers as at	
		per day	per kWh	per kWh	KW/day	per day	per kWh	per kWh	KW/day	per day	per kWh	per kWh	KW/day	31/03/2023	
	Low User (controlled) high-cost	¢0.0004	¢0.0040	<b>#0.0457</b>	<b>#0.000</b>	<b>#0.0004</b>	¢0.0050	<b>#0.0040</b>	<b>#0.0000</b>	#A AAAA	<b>#0.0004</b>	¢0.0000	<b>#0.0000</b>	0.000	
LOWHCA	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	
1 0 14 11 6 4	Low User (controlled) low-cost	¢0.2024	¢0.0704	£0.0/04	¢0.0000	¢0.0004	¢0.005.4	¢0.0044	¢0,0000	¢0.0000	¢0.0004	¢0,0000	¢0.0000	44.004	
LOWLCA	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	
LOWILLICA	Low User (uncontrolled) high-	\$0.3021	\$0.0835	\$0.0652	\$0.0000	-\$0.0021	-\$0.0053	-\$0.0040	\$0.0000	\$0.0000	\$0.0476	\$0.0344	\$0.0000	12	
LOWUHCA	cost area	\$0.3021	\$0.0635	\$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-	\$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	
LOWULCA	cost area Single Phase (controlled) high-	\$0.3021	\$0.0769	\$0.0366	\$0.0000	-\$0.0021	-\$0.0032	-\$0.0040	\$0.0000	\$0.0000	\$0.0476	\$0.0344	\$0.0000	45	
015HCA	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	
UISHCA	Single Phase (controlled) low-	\$1.3027	\$0.0321	\$0.0137	\$0.0000	-\$0.0777	-\$0.0022	-\$0.0010	\$0.0000	\$0.0000	\$0.0231	\$0.0077	\$0.0000	3,000	
015LCA	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	
UISECA	Single Phase (uncontrolled)	\$1.4451	\$0.032 I	ψ0.0137	Ψ0.0000	-\$0.0777	-\$0.0022	-\$0.0010	\$0.0000	\$0.0000	ψ0.023 i	Ψ0.0077	ψ0.0000	11,107	
015UHCA	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	
OTOOTICA	Single Phase (uncontrolled)	ψ1.5700	ψ0.0321	ψ0.0107	ψ0.0000	ψ0.0704	Ψ0.0022	\$0.0010	ψ0.0000	\$0.0040	ψ0.0251	ψ0.0077	ψ0.0000	- 32	
015ULCA	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	
0.1002031	Three Phase (controlled) high-	\$1.1000	Ψ0.0021	ψο.σ.σ.	Ψ0.0000	Ψ0.07.00	Ψ0.0022	ψ0.0010	ψυ.υυυ	φο.σσ 17	Ψ0.0201	Ψ0.0077	ψο.σσσσ		
360HCA	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	
	Three Phase (controlled) low-		******	***************************************	40.000	40.00.10	******	***************************************	***************************************	40.000	*******	********	40.0000		
360LCA	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	
	Three Phase (uncontrolled)		•		·		•	·	·	·	·				
360UHCA	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	
	Three Phase (uncontrolled) low-														
360ULCA	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	
	Assessed demand high-cost														
ASSHCA	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	
	Assessed demand low-cost														
	area														
ASSLCA		\$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	Time-of-Use metering at 400 V														
Α	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	Time-of-Use metering at 400 V														
Α	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	
	Time-of-Use metering at 11 kV	44.0055	<b>***</b>	40.005	<b>***</b> *********************************	40.07-	40.005	40.005	40.0055	40.005	40.0455	40.001	<b>.</b>	_	
TOU11HCA	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	
	Time-of-Use metering at 11 kV	44.0465	40.046	40.005	<b>***</b>	40.07-	40.005	40.005	40.0055	40.005	40.0455	<b>***</b>	40.47.	_	
TOU11LCA	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			Distributi	on Charges		Pass-through and recoverable costs				Transmission charges				Number of
Officiality	April 2021	Fixed	Variable	Variable	Demand	Fixed	Variable	Variable	Demand	Fixed	Variable	Variable	Demand	consumers
	April 2021		day	night	per		day	night	per		day	night	per	as at
		per day	per kWh	per kWh	KW/day	per day	per kWh	per kWh	KW/day	per day	per kWh	per kWh	KW/day	31/03/2022
	Low User (controlled) high-cost	40.4500	40.0040	40.0705	40.000	40.000	<b>**</b> • • • • • • • • • • • • • • • • • •	40.0070	40.000	40.000	40.000	40.000	40.000	0.40=
LOWHCA	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
1014164	Low User (controlled) low-cost	¢0.4520	¢0.0072	¢0.0770	¢0.0000	¢0.0020	¢0,0000	¢0.0074	¢0.0000	¢0.0000	¢0.0000	¢0.0000	¢0.0000	40.750
LOWLCA	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
1004/11164	Low User (uncontrolled) high-	¢0.4520	¢0.004.4	¢0.0700	¢0.0000	¢0.0000	¢0,0000	¢0.0072	¢0,0000	¢0.0000	¢0.0470	¢0.00.44	¢0.0000	40
LOWUHCA	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
1014/11/04	Low User (uncontrolled) low-	¢0.4530	¢0.0040	¢0.07.54	¢0,0000	¢0.0020	¢0.0007	¢0.0070	¢0,0000	¢0,0000	¢0.0470	¢0.00.44	¢0,0000	44
LOWULCA	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
OAFUCA	Single Phase (controlled) high-	¢4 F007	¢0.0220	¢0.01.45	¢0,0000	¢0.1000	¢0.0040	¢0.0010	¢0,0000	¢0,0000	¢0,0000	¢0,0000	¢0,0000	F 770
015HCA	cost area Single Phase (controlled) low-	\$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	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
UISLCA	Single Phase (uncontrolled)	\$1.4431	\$0.0337	\$0.0143	\$0.0000	-\$0.1425	-\$0.0042	-\$0.0010	\$0.0000	\$0.0000	\$0.0230	\$0.0099	\$0.0000	11,340
015UHCA	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
UISUNCA	Single Phase (uncontrolled)	\$1.5700	\$0.0337	\$0.0143	\$0.0000	-\$0.1402	-\$0.0042	-\$0.0010	\$0.0000	\$0.3773	\$0.0230	\$0.0077	\$0.0000	30
015ULCA	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
UISULCA	Three Phase (controlled) high-	\$1.4005	ψ0.0337	\$0.0143	\$0.0000	-ψ0.1300	-\$0.0042	-\$0.0010	ψ0.0000	\$0.5775	\$0.0230	\$0.0077	Ψ0.0000	40
360HCA	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
JOUITEA	Three Phase (controlled) low-	Ψ0.2447	ψ0.0337	Ψ0.01-3	Ψ0.0000	-ψ0.11-13	-ψ0.0042	-ψ0.0010	ψ0.0000	ψ0.0000	Ψ0.0230	Ψ0.0077	Ψ0.0000	310
360LCA	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
OOOLCA	Three Phase (uncontrolled)	ψ4.5576	ψ0.0007	\$0.0140	Ψ0.0000	ψ0.1334	Ψ0.00∓2	\$0.0010	ψ0.0000	ψ0.0000	Ψ0.0230	ψ0.0077	ψ0.0000	723
360UHCA	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
	Three Phase (uncontrolled) low-	<b>\$511525</b>	ψ0.0007	ψοιο : ιο	φοισσσ	φοιισσο	Ψ0.00.2	ψο.σσ.σ	φοισσο	ψσισττο	Ψ0.0200	ψοισσ <i>ττ</i>	ψοισσσ	
360ULCA	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
	Assessed demand high-cost			***	***************************************	, , , , , ,					***************************************			
ASSHCA	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
	Assessed demand low-cost				·									
	area													
ASSLCA		\$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
TOU400HC	Time-of-Use metering at 400 V													
Α	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
TOU400LC	Time-of-Use metering at 400 V													
Α	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
	Time-of-Use metering at 11 kV													
TOU11HCA	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
	Time-of-Use metering at 11 kV													
TOU11LCA	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