



EDB Information Disclosure Requirements Information Templates

Schedules 1–10 excluding 5f–5h

Company Name

Alpine Energy Limited

Disclosure Date

Disclosure Year (year ended)

31 March 2024

Templates for Schedules 1–10 excluding 5f–5h
Prepared 16 February 2024

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Disclosure Template Instructions

This document forms Schedules 1–10 to the Electricity Distribution Information Disclosure (Targeted Review 2024)

Amendment Determination 2024 [2024] NZCC 2.

The Schedules take the form of templates for use by EDBs when making disclosures under clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012.

Company Name and Dates

To prepare the templates for disclosure, the supplier's company name should be entered in cell C8, the date of the last day of the current (disclosure) year should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.

The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

The cell C8 entry (company name) is used in the template title blocks.

Dates should be entered in day/month/year order (Example -"1 April 2023").

Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

Validation Settings on Data Entry Cells

To maintain a consistency of format and to help guard against errors in data entry, some data entry cells test keyboard entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names, to values between 0% and 100%, or either a numeric entry or the text entry "N/A". Where this occurs, a validation message will appear when data is being entered. These checks are applied to keyboard entries only and not, for example, to entries made using Excel's copy and paste facility.

Conditional Formatting Settings on Data Entry Cells

Schedule 2 cells G79 and I79:L79 will change colour if the total cashflows do not equal the corresponding values in table 2(ii).

Schedule 4 cells P99:P106 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

Schedule 9b columns AA to AE (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).

Schedule 9b cells in rows 10 to 60 of the column "Items at end of year (quantity)" will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

Schedule 9c cell G30 will change colour if G30 (overhead circuit length by terrain) does not equal G18 (overhead circuit length by operating voltage).

Inserting Additional Rows and Columns

The schedule 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e templates may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.

Additional rows in the schedule 5c, 6a, and 9e templates must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

The schedule 5d and 5e templates may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from rows 77 and 78 of the respective templates to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 69:77, copy, select Excel row 78, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 70:78, copy, select Excel row 79, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted between column L and Q, and between U and AF. If inserting additional columns, headings will need to be copied into the added columns. Additionally, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The column headings and formulas can be found in the equivalent cells of the existing columns.

Disclosures by Sub-Network

If the supplier has sub-networks, schedules 8, 9a, 9b, 9c, 9e, and 10 must be completed for the network and for each sub-network. A copy of the schedule worksheet(s) must be made for each sub-network and named accordingly.

Description of Calculation References

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template and not the schedule reference.

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the schedules in the following order:

1. Coversheet
2. Schedules 5a–5e
3. Schedules 6a–6b
4. Schedule 8
5. Schedule 3
6. Schedule 4
7. Schedule 2
8. Schedule 7
9. Schedules 9a–9e
10. Schedule 10

SCHEDULE 1: ANALYTICAL RATIOS

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with this ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of this determination.

This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

1(i): Expenditure metrics		Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)
7						
8						
9	Operational expenditure	34,061	897	196,095	6,941	47,716
10	Network	7,368	194	42,421	1,502	10,322
11	Non-network	26,692	703	153,674	5,439	37,393
12						
13	Expenditure on assets	32,707	861	188,301	6,665	45,819
14	Network	31,172	821	179,465	6,352	43,669
15	Non-network	1,535	40	8,836	313	2,150
16						
17	1(ii): Revenue metrics					
18						
19	Total consumer line charge revenue	73,653	1,940			
20	Standard consumer line charge revenue	88,986	1,784			
21	Non-standard consumer line charge revenue	24,880	442,528			
22						
23	1(iii): Service intensity measures					
24						
25	Demand density	35				Maximum coincident system demand per km of circuit length (for supply) (kW/km)
26	Volume density	204				Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
27	Connection point density	8				Average number of ICPs per km of circuit length (for supply) (ICPs/km)
28	Energy intensity	26,337				Total energy delivered to ICPs per average number of ICPs (kWh/ICP)
29						
30	1(iv): Composition of regulatory income					
31						
32						
33	Operational expenditure			30,395	46.22%	
34	Pass-through and recoverable costs excluding financial incentives and wash-ups			14,616	22.23%	
35	Total depreciation			11,923	18.13%	
36	Total revaluations			11,785	17.92%	
37	Regulatory tax allowance			1,937	2.94%	
38	Regulatory profit/(loss) including financial incentives and wash-ups			18,680	28.40%	
39	Total regulatory income			65,765		
40	1(v): Reliability					
41						
42	Interruption rate			32.98		Interruptions per 100 circuit km

Company Name
For Year Ended

Alpine Energy Limited
31 March 2024

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of this ID Determination or if they elect to. If an EDB makes this election, information supporting this calculation must be provided in 2(iii).

EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

2(i): Return on Investment		CY-2	CY-1	Current Year CY
		31 Mar 22	31 Mar 23	31 Mar 24
		%	%	%
7	ROI – comparable to a post tax WACC			
8				
9	Reflecting all revenue earned	8.82%	7.92%	5.96%
10	Excluding revenue earned from financial incentives	8.44%	7.83%	5.30%
11	Excluding revenue earned from financial incentives and wash-ups	8.48%	7.86%	5.33%
12				
13				
14	Mid-point estimate of post tax WACC	3.52%	4.88%	6.05%
15	25th percentile estimate	2.84%	4.20%	5.37%
16	75th percentile estimate	4.20%	5.56%	6.73%
17				
18				
19	ROI – comparable to a vanilla WACC			
20	Reflecting all revenue earned	9.12%	8.43%	6.66%
21	Excluding revenue earned from financial incentives	8.74%	8.34%	6.00%
22	Excluding revenue earned from financial incentives and wash-ups	8.78%	8.38%	6.03%
23				
24	WACC rate used to set regulatory price path	4.57%	4.57%	4.57%
25				
26	Mid-point estimate of vanilla WACC	3.82%	5.39%	6.75%
27	25th percentile estimate	3.14%	4.71%	6.07%
28	75th percentile estimate	4.50%	6.07%	7.43%
29				
30	2(ii): Information Supporting the ROI			
31				
32	Total opening RAB value	293,278		
33	plus Opening deferred tax	(19,141)		
34	Opening RIV		274,138	
35				
36	Line charge revenue		65,725	
37				
38	Expenses cash outflow	45,011		
39	add Assets commissioned	21,008		
40	less Asset disposals	328		
41	add Tax payments	495		
42	less Other regulated income	40		
43	Mid-year net cash outflows		66,146	
44				
45	Term credit spread differential allowance		–	
46				
47	Total closing RAB value	313,092		
48	less Adjustment resulting from asset allocation	(728)		
49	less Lost and found assets adjustment	–		
50	plus Closing deferred tax	(20,582)		
51	Closing RIV		293,238	
52				
53	ROI – comparable to a vanilla WACC			6.66%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			5.97%
57	Corporate tax rate (%)			28%
58				
59	ROI – comparable to a post tax WACC			5.96%
60				

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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sch ref

2(iii): Information Supporting the Monthly ROI

61									
62									
63		Opening RIV							N/A
64									
65									
66			Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows	
67		April							-
68		May							-
69		June							-
70		July							-
71		August							-
72		September							-
73		October							-
74		November							-
75		December							-
76		January							-
77		February							-
78		March							-
79		Total	-	-	-	-	-	-	-
80									
81		Tax payments							N/A
82									
83		Term credit spread differential allowance							N/A
84									
85		Closing RIV							N/A
86									
87									
88		Monthly ROI – comparable to a vanilla WACC							N/A
89									
90		Monthly ROI – comparable to a post tax WACC							N/A
91									

2(iv): Year-End ROI Rates for Comparison Purposes

92				
93				
94		Year-end ROI – comparable to a vanilla WACC		5.72%
95				
96		Year-end ROI – comparable to a post tax WACC		5.02%
97				
98		<i>* these year-end ROI values are comparable to the ROI reported in pre 2012 disclosures by EDBs and do not represent the Commission's current view on ROI.</i>		
99				

2(v): Financial Incentives and Wash-Ups

100				
101				
102		IRIS incentive adjustment	2,609	
103		Purchased assets – avoided transmission charge	-	
104		Energy efficiency and demand incentive allowance	-	
105		Quality incentive adjustment	(85)	
106		Other financial incentives	-	
107		Financial incentives		2,524
108				
109		Impact of financial incentives on ROI		0.66%
110				
111		Input methodology claw-back	-	
112		CPP application recoverable costs	-	
113		Catastrophic event allowance	-	
114		Capex wash-up adjustment	(138)	
115		Transmission asset wash-up adjustment	-	
116		2013–15 NPV wash-up allowance	-	
117		Reconsideration event allowance	-	
118		Other wash-ups	-	
119		Wash-up costs		(138)
120				
121		Impact of wash-up costs on ROI		-0.04%

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

	RAB 31 Mar 20 (\$000)	RAB 31 Mar 21 (\$000)	RAB 31 Mar 22 (\$000)	RAB 31 Mar 23 (\$000)	RAB 31 Mar 24 (\$000)
4(i): Regulatory Asset Base Value (Rolled Forward)					
Total opening RAB value	218,988	227,918	236,905	267,127	293,278
less Total depreciation	8,967	9,319	9,610	11,083	11,923
plus Total revaluations	5,549	3,466	16,319	17,777	11,785
plus Assets commissioned	11,929	14,839	18,554	19,465	21,008
less Asset disposals	4	-	54	7	328
plus Lost and found assets adjustment	424	-	-	-	-
plus Adjustment resulting from asset allocation	-	-	5,012	-	(728)
Total closing RAB value	227,918	236,905	267,127	293,278	313,092

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
4(ii): Unallocated Regulatory Asset Base				
Total opening RAB value		293,962		293,278
less Total depreciation		11,924		11,923
plus Total revaluations		11,813		11,785
plus Assets commissioned (other than below)	10,214		10,208	
Assets acquired from a regulated supplier	-		-	
Assets acquired from a related party	10,803		10,799	
Assets commissioned		21,017		21,008
less Asset disposals (other than below)	328		328	
Asset disposals to a regulated supplier	-		-	
Asset disposals to a related party	-		-	
Asset disposals		328		328
plus Lost and found assets adjustment		-		-
plus Adjustment resulting from asset allocation				(728)
Total closing RAB value		314,540		313,092

* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide electricity distribution services without any allowance being made for the allocation of costs to services provided by the supplier that are not electricity distribution services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

51

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

53

54

CPI_t 1,267

55

CPI_{t-4} 1,218

56

Revaluation rate (%) 4.02%

57

58

59

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)

60

Total opening RAB value 293,962 293,278

61

less Opening value of fully depreciated, disposed and lost assets 328 328

62

Total opening RAB value subject to revaluation 293,634 292,950

63

Total revaluations 11,813 11,785

64

65

4(iv): Roll Forward of Works Under Construction

66

67

	Unallocated works under construction		Allocated works under construction	
--	--------------------------------------	--	------------------------------------	--

68

Works under construction—preceding disclosure year 6,822 6,814

69

plus Capital expenditure 25,370 25,370

70

less Assets commissioned 21,017 21,008

71

plus Adjustment resulting from asset allocation - -

72

Works under construction - current disclosure year 11,175 11,177

73

74

Highest rate of capitalised finance applied -

75

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

76 **4(v): Regulatory Depreciation**

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
79 Depreciation - standard	10,527		10,526	
80 Depreciation - no standard life assets	1,397		1,397	
81 Depreciation - modified life assets	-		-	
82 Depreciation - alternative depreciation in accordance with CPP	-		-	
83 Total depreciation		11,924		11,923

85 **4(vi): Disclosure of Changes to Depreciation Profiles**

(\$000 unless otherwise specified)

Asset or assets with changes to depreciation*	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation
87 N/A				
88				
89				
90				
91				
92				
93				
94				

* include additional rows if needed

96 **4(vii): Disclosure by Asset Category**

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
99 Total opening RAB value	13,186	5,719	63,493	67,289	67,599	26,056	21,126	11,689	17,121	293,278
100 <i>less</i> Total depreciation	677	151	2,566	2,464	2,198	1,275	685	510	1,397	11,923
101 <i>plus</i> Total revaluations	530	230	2,553	2,702	2,715	1,048	848	470	689	11,785
102 <i>plus</i> Assets commissioned	17	2	5,709	9,287	1,703	996	2,086	-	1,208	21,008
103 <i>less</i> Asset disposals	-	-	20	133	112	8	54	-	1	328
104 <i>plus</i> Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
105 <i>plus</i> Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	(728)	(728)
106 <i>plus</i> Asset category transfers	-	-	(72)	-	17	(17)	72	-	-	(0)
107 Total closing RAB value	13,056	5,800	69,097	76,681	69,724	26,800	23,393	11,649	16,892	313,092
109 Asset Life										
110 Weighted average remaining asset life	30.7	36.7	33.3	36.2	39.5	26.1	33.5	33.2	21.7	(years)
111 Weighted average expected total asset life	51.0	45.0	43.8	53.2	55.8	45.0	40.5	42.1	24.6	(years)

Company Name **Alpine Energy Limited**
For Year Ended **31 March 2024**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

sch ref		(\$000)
7	3(i): Regulatory Profit	
8	Income	
9	Line charge revenue	65,725
10	plus Gains / (losses) on asset disposals	27
11	plus Other regulated income (other than gains / (losses) on asset disposals)	13
12		
13	Total regulatory income	65,765
14	Expenses	
15	less Operational expenditure	30,395
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	14,616
18		
19	Operating surplus / (deficit)	20,754
20		
21	less Total depreciation	11,923
22		
23	plus Total revaluations	11,785
24		
25	Regulatory profit / (loss) before tax	20,616
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	1,937
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	18,680
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	136
36	Commerce Act levies	135
37	Industry levies	170
38	CPP specified pass through costs	-
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	12,815
41	Transpower new investment contract charges	1,349
42	System operator services	12
43	Distributed generation allowance	-
44	Extended reserves allowance	-
45	Other recoverable costs excluding financial incentives and wash-ups	-
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	14,616
47		
48	3(iv): Merger and Acquisition Expenditure	
49		(\$000)
50	Merger and acquisition expenditure	-
51		
52	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>	
53	3(v): Other Disclosures	
54		(\$000)
55	Self-insurance allowance	-

Company Name **Alpine Energy Limited**For Year Ended **31 March 2024****SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE**

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		20,616
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	2	*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	84	*
12	Amortisation of initial differences in asset values	2,647	
13	Amortisation of revaluations	2,034	
14			4,767
15			
16	<i>less</i> Total revaluations	11,785	
17	Income included in regulatory profit / (loss) before tax but not taxable	4	*
18	Discretionary discounts and customer rebates	-	
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
20	Notional deductible interest	6,677	
21			18,466
22			
23	Regulatory taxable income		6,917
24			
25	<i>less</i> Utilised tax losses	-	
26	Regulatory net taxable income		6,917
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		1,937

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

		(\$000)	
34	5a(iii): Amortisation of Initial Difference in Asset Values		
35			
36	Opening unamortised initial differences in asset values	31,766	
37	<i>less</i> Amortisation of initial differences in asset values	2,647	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	-	
40	Closing unamortised initial differences in asset values		29,118
41			
42	Opening weighted average remaining useful life of relevant assets (years)		12
43			

Company Name **Alpine Energy Limited**For Year Ended **31 March 2024****SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE**

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

44	5a(iv): Amortisation of Revaluations			(\$000)
45				
46	Opening sum of RAB values without revaluations		237,626	
47				
48	Adjusted depreciation		9,889	
49	Total depreciation		11,923	
50	Amortisation of revaluations			2,034
51				
52	5a(v): Reconciliation of Tax Losses			(\$000)
53				
54	Opening tax losses		-	
55	plus Current period tax losses		-	
56	less Utilised tax losses		-	
57	Closing tax losses			-
58	5a(vi): Calculation of Deferred Tax Balance			(\$000)
59				
60	Opening deferred tax		(19,141)	
61				
62	plus Tax effect of adjusted depreciation		2,769	
63				
64	less Tax effect of tax depreciation		3,679	
65				
66	plus Tax effect of other temporary differences*		26	
67				
68	less Tax effect of amortisation of initial differences in asset values		741	
69				
70	plus Deferred tax balance relating to assets acquired in the disclosure year		-	
71				
72	less Deferred tax balance relating to assets disposed in the disclosure year		(184)	
73				
74	plus Deferred tax cost allocation adjustment		0	
75				
76	Closing deferred tax			(20,582)
77				
78	5a(vii): Disclosure of Temporary Differences			
79	<i>In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).</i>			
80				
81	5a(viii): Regulatory Tax Asset Base Roll-Forward			
82				(\$000)
83	Opening sum of regulatory tax asset values		139,390	
84	less Tax depreciation		13,141	
85	plus Regulatory tax asset value of assets commissioned		21,007	
86	less Regulatory tax asset value of asset disposals		(328)	
87	plus Lost and found assets adjustment		-	
88	plus Adjustment resulting from asset allocation		(728)	
89	plus Other adjustments to the RAB tax value		-	
90	Closing sum of regulatory tax asset values			146,856

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with clause 2.3.6 of this ID determination.
This information is part of audited disclosure information (as defined in clause 1.4 of this ID determination), and so is subject to the assurance report required by clause 2.8.

sch ref

	(\$000)	(\$000)
5b(i): Summary—Related Party Transactions		
Total regulatory income		–
Market value of asset disposals		–
Service interruptions and emergencies	2,307	
Vegetation management	594	
Routine and corrective maintenance and inspection	2,788	
Asset replacement and renewal (opex)	251	
Network opex		5,940
Business support	449	
System operations and network support - other	358	
Operational expenditure		6,747
Consumer connection	2,828	
System growth	204	
Asset replacement and renewal (capex)	9,543	
Asset relocations	41	
Quality of supply	–	
Legislative and regulatory	–	
Other reliability, safety and environment	1,149	
Expenditure on non-network assets		74
Expenditure on assets		13,839
Cost of financing		–
Value of capital contributions		–
Value of vested assets		–
Capital Expenditure		13,839
Total expenditure		20,586
Other related party transactions		157

5b(iii): Total Opex and Capex Related Party Transactions

Name of related party	Nature of opex or capex service provided	Total value of transactions (\$000)
AEL Field Services - Capex	Consumer connection	2,828
AEL Field Services - Capex	Asset replacement and renewal (capex)	9,543
AEL Field Services - Capex	System growth	204
AEL Field Services - Capex	Asset relocations	41
AEL Field Services - Capex	Other reliability, safety and environment	1,149
AEL Field Services - Capex	Expenditure on non-network assets	74
AEL Field Services - Opex	Service interruptions and emergencies	2,307
AEL Field Services - Opex	Vegetation management	594
AEL Field Services - Opex	Routine and corrective maintenance and inspection	2,788
AEL Field Services - Opex	Asset replacement and renewal (opex)	251
AEL Field Services - Opex	Business support	41
AEL Field Services - Opex	System operations and network support - other	358
AEL Directors	Business support	408
Total value of related party transactions		20,586

* include additional rows if needed

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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5c(i): Qualifying Debt (may be Commission only)

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Debt issue cost readjustment
N/A			-	-	-	-	-	-
N/A			-	-	-	-	-	-
N/A			-	-	-	-	-	-
N/A			-	-	-	-	-	-
N/A			-	-	-	-	-	-
* include additional rows if needed						-	-	-

5c(ii): Attribution of Term Credit Spread Differential

Gross term credit spread differential		-
Total book value of interest bearing debt	-	
Leverage	42%	
Average opening and closing RAB values	-	
Attribution Rate (%)		-
Term credit spread differential allowance		-

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	8	9	Value allocated (\$000s)					
			Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)	
10								
11				2,302				
12			-	-	-	-	-	-
13				2,302				
14								
15				807				
16			-	-	-	-	-	-
17				807				
18								
19				3,145				
20			-	-	-	-	-	-
21				3,145				
22								
23				321				
24			-	-	-	-	-	-
25				321				
30								
31				9,540				
32			-	-	-	-	-	-
33				9,540				
34								
35				417				
36			-	13,863	704	14,567	-	-
37				14,279				
38								
39				16,532				
40			-	13,863	704	14,567	-	-
41				30,395				
42								

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

43 **5d(ii): Other Cost Allocations**

	(\$000)
44 Pass through and recoverable costs	
45 Pass through costs	
46 Directly attributable	440
47 Not directly attributable	-
48 Total attributable to regulated service	440
49 Recoverable costs	
50 Directly attributable	14,176
51 Not directly attributable	-
52 Total attributable to regulated service	14,176

54 **5d(iii): Changes in Cost Allocations* †**

		(\$000)	
		CY-1	Current Year (CY)
56 Change in cost allocation 1			
57 Cost category	N/A	-	-
58 Original allocator or line items	N/A	-	-
59 New allocator or line items	N/A	-	-
60			
61 Rationale for change	N/A		

		(\$000)	
		CY-1	Current Year (CY)
65 Change in cost allocation 2			
66 Cost category		-	-
67 Original allocator or line items		-	-
68 New allocator or line items		-	-
69			
70 Rationale for change			

		(\$000)	
		CY-1	Current Year (CY)
74 Change in cost allocation 3			
75 Cost category		-	-
76 Original allocator or line items		-	-
77 New allocator or line items		-	-
78			
79 Rationale for change			

* a change in cost allocation must be completed for each cost allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.

† include additional rows if needed

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

5e(i): Regulated Service Asset Values

		Value allocated (\$000s)
Electricity distribution services		
Subtransmission lines		
Directly attributable		13,056
Not directly attributable		-
Total attributable to regulated service		13,056
Subtransmission cables		
Directly attributable		5,800
Not directly attributable		-
Total attributable to regulated service		5,800
Zone substations		
Directly attributable		69,097
Not directly attributable		-
Total attributable to regulated service		69,097
Distribution and LV lines		
Directly attributable		76,681
Not directly attributable		-
Total attributable to regulated service		76,681
Distribution and LV cables		
Directly attributable		69,724
Not directly attributable		-
Total attributable to regulated service		69,724
Distribution substations and transformers		
Directly attributable		26,800
Not directly attributable		-
Total attributable to regulated service		26,800
Distribution switchgear		
Directly attributable		23,393
Not directly attributable		-
Total attributable to regulated service		23,393
Other network assets		
Directly attributable		11,649
Not directly attributable		-
Total attributable to regulated service		11,649
Non-network assets		
Directly attributable		1,486
Not directly attributable		15,406
Total attributable to regulated service		16,892
Regulated service asset value directly attributable		297,686
Regulated service asset value not directly attributable		15,406
Total closing RAB value		313,092

5e(ii): Changes in Asset Allocations* †

		(\$000)	
		CY-1	Current Year (CY)
Change in asset value allocation 1			
Asset category	N/A - no changes to asset allocations in the current year		
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			
Change in asset value allocation 2			
Asset category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			
Change in asset value allocation 3			
Asset category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			

* a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.
† include additional rows if needed

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

	(\$000)	(\$000)
6a(i): Expenditure on Assets		
Consumer connection		5,225
System growth		2,137
Asset replacement and renewal		18,444
Asset relocations		330
Reliability, safety and environment:		
Quality of supply	–	
Legislative and regulatory	–	
Other reliability, safety and environment	1,681	
Total reliability, safety and environment		1,681
Expenditure on network assets		27,817
Expenditure on non-network assets		1,370
Expenditure on assets		29,187
plus Cost of financing		–
less Value of capital contributions		3,816
plus Value of vested assets		–
Capital expenditure		25,370
6a(ii): Subcomponents of Expenditure on Assets (where known)		(\$000)
Energy efficiency and demand side management, reduction of energy losses		–
Overhead to underground conversion		43
Research and development		–
6a(iii): Consumer Connection		
<i>Consumer types defined by EDB*</i>	(\$000)	(\$000)
Commercial	2,541	
HV alterations	164	
Irrigation	390	
LV alterations	20	
Residential	1,083	
Subdivision	1,027	
<i>* include additional rows if needed</i>		
Consumer connection expenditure		5,225
less Capital contributions funding consumer connection expenditure	3,318	
Consumer connection less capital contributions		1,907
6a(iv): System Growth and Asset Replacement and Renewal		
	System Growth	Asset Replacement and Renewal
	(\$000)	(\$000)
Subtransmission	5	15
Zone substations	1,645	3,555
Distribution and LV lines	149	8,983
Distribution and LV cables	111	1,873
Distribution substations and transformers	19	2,882
Distribution switchgear	81	1,075
Other network assets	127	61
System growth and asset replacement and renewal expenditure	2,137	18,444
less Capital contributions funding system growth and asset replacement and renewal	–	499
System growth and asset replacement and renewal less capital contributions	2,137	17,945
6a(v): Asset Relocations		
<i>Project or programme*</i>	(\$000)	(\$000)
HV alterations B1508 CoolPak	238	
FY25 Pages Rd to Centennial Park Stage 2	92	
OH to UG Unk Pole 675 Makikihi Beach Rd	0	
	–	
	–	
<i>* include additional rows if needed</i>		
All other projects or programmes - asset relocations	–	
Asset relocations expenditure		330
less Capital contributions funding asset relocations	–	
Asset relocations less capital contributions		330

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

69				
70	6a(vi): Quality of Supply			
71	Project or programme*	(\$000)	(\$000)	
72	N/A	-		
73		-		
74		-		
75		-		
76		-		
77	* include additional rows if needed			
78	All other projects programmes - quality of supply	-		
79	Quality of supply expenditure			-
80	less Capital contributions funding quality of supply	-		
81	Quality of supply less capital contributions			-
82	6a(vii): Legislative and Regulatory			
83	Project or programme*	(\$000)	(\$000)	
84	N/A	-		
85		-		
86		-		
87		-		
88		-		
89	* include additional rows if needed			
90	All other projects or programmes - legislative and regulatory	-		
91	Legislative and regulatory expenditure			-
92	less Capital contributions funding legislative and regulatory	-		
93	Legislative and regulatory less capital contributions			-
94	6a(viii): Other Reliability, Safety and Environment			
95	Project or programme*	(\$000)	(\$000)	
96	Communication	4		
97	Safety	159		
98	Reliability	1,518		
99				
100				
101	* include additional rows if needed			
102	All other projects or programmes - other reliability, safety and environment	-		
103	Other reliability, safety and environment expenditure			1,681
104	less Capital contributions funding other reliability, safety and environment	-		
105	Other reliability, safety and environment less capital contributions			1,681
106				
107	6a(ix): Non-Network Assets			
108	Routine expenditure			
109	Project or programme*	(\$000)	(\$000)	
110	Plant & Equipment	(75)		
111	Land & Building	170		
112	Non-Network Safety	86		
113	Computer & Software	1,145		
114				
115	* include additional rows if needed			
116	All other projects or programmes - routine expenditure	-		
117	Routine expenditure			1,326
118	Atypical expenditure			
119	Project or programme*	(\$000)	(\$000)	
120	Remote Weather Monitoring System	44		
121				
122				
123				
124				
125	* include additional rows if needed			
126	All other projects or programmes - atypical expenditure	-		
127	Atypical expenditure			44
128				
129	Expenditure on non-network assets			1,370

Company Name

Alpine Energy Limited

For Year Ended

31 March 2024

SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of operational expenditure incurred in the disclosure year.

EDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.

This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

	(\$000)	(\$000)
7 6b(i): Operational Expenditure <i>Required for DY2024 and DY2025 only</i>		
8 Service interruptions and emergencies	2,302	
9 Vegetation management	807	
10 Routine and corrective maintenance and inspection	3,145	
11 Asset replacement and renewal	321	
12 Network opex		6,575
14 System operations and network support	9,540	
15 Business support	14,279	
16 Non-network opex		23,819
17		
18 Operational expenditure		30,395
40 6b(ii): Subcomponents of Operational Expenditure (where known)		
41 Energy efficiency and demand side management, reduction of energy losses		–
42 Direct billing*		–
43 Research and development		–
44 Insurance		417
45 * Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name

Alpine Energy Limited

For Year Ended

31 March 2024

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

EDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes).

This information is part of the audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

7 (i): Revenue		Target (\$000) ¹	Actual (\$000)	% variance
7				
8	Line charge revenue	63,149	65,725	4%
7 (ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
9				
10	Consumer connection	5,500	5,225	(5%)
11	System growth	4,555	2,137	(53%)
12	Asset replacement and renewal	17,282	18,444	7%
13	Asset relocations	400	330	(17%)
14	Reliability, safety and environment:			
15	Quality of supply	150	–	(100%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	1,635	1,681	3%
18	Total reliability, safety and environment	1,785	1,681	(6%)
19	Expenditure on network assets	29,522	27,817	(6%)
20	Expenditure on non-network assets	4,776	1,370	(71%)
21	Expenditure on assets	34,298	29,187	(15%)
7 (iii): Operational Expenditure				
22				
23	Service interruptions and emergencies	2,100	2,302	10%
24	Vegetation management	1,050	807	(23%)
25	Routine and corrective maintenance and inspection	3,400	3,145	(7%)
26	Asset replacement and renewal	342	321	(6%)
27	Network opex	6,892	6,575	(5%)
29	System operations and network support	9,691	9,540	(2%)
30	Business support	10,969	14,279	30%
31	Non-network opex	20,660	23,819	15%
32	Operational expenditure	27,552	30,395	10%
7 (iv): Subcomponents of Expenditure on Assets (where known)				
33				
34	Energy efficiency and demand side management, reduction of energy losses	–	–	–
35	Overhead to underground conversion	250	43	(83%)
36	Research and development	–	–	–
37				
7 (v): Subcomponents of Operational Expenditure (where known)				
38				
39	Energy efficiency and demand side management, reduction of energy losses	–	–	–
40	Direct billing	–	–	–
41	Research and development	–	–	–
42	Insurance	346	417	20%
43				

1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination

2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the ED8 in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs. ED8s should feel free to adjust the page break of this schedule to assist with readability if needed.

sch ref

8(i): Billed Quantities by Price Component

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Price component

Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)

Consumer group name or price category code		Standardised connection types	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	Billed quantities by price component <i>Not Required after DY2024</i>							
						Distribution Fixed	Distribution Variable Day	Distribution Variable Night	Distribution Demand	Transmission Fixed	Transmission Variable Day	Transmission Variable Night	Transmission Demand
						Number of ICP's	MWh	MWh	MW	Number of ICP's	MWh	MWh	MW
LOWHCA	Low Charge	Standard		2,292	14,856	2,292	10,399	4,457	—	2,289	10,399	4,457	—
LOWLCA	Low Charge	Standard		10,899	64,747	10,899	45,323	19,424	—	10,967	45,323	19,424	—
LOWUHCA	Low Uncontrolled	Standard		38	367	38	147	50	—	37	147	50	—
LOWULCA	Low Uncontrolled	Standard		44	338	44	227	371	—	44	227	371	—
O15HCA	O15	Standard		5,898	59,619	5,898	41,733	17,886	—	5,855	41,733	17,886	—
O15LCA	O15	Standard		11,461	101,293	11,461	70,905	30,388	—	11,332	70,905	30,388	—
O15UHCA	O15 Uncontrolled	Standard		37	589	37	413	177	—	37	413	177	—
O15ULCA	O15 Uncontrolled	Standard		35	243	35	240	103	—	36	240	103	—
360HCA	360	Standard		533	12,400	533	8,703	3,729	—	533	8,703	3,729	—
360LCA	360	Standard		745	22,767	745	15,937	6,820	—	745	15,937	6,820	—
360UHCA	360 Uncontrolled	Standard		14	547	14	383	164	—	14	383	164	—
360ULCA	360 Uncontrolled	Standard		15	447	15	313	134	—	15	313	134	—
ASSHCA	Assessed	Standard		1,321	158,127	1,321	110,710	47,447	115	1,315	110,710	47,447	115
ASSLCA	Assessed	Standard		416	42,127	416	29,489	12,638	40	413	29,489	12,638	40
TOU400HCA	TOU 400V	Standard		36	25,933	36	18,160	7,773	7	36	18,160	7,773	7
TOU400LCA	TOU 400V	Standard		98	101,484	98	69,849	31,636	22	99	69,849	31,636	22
TOU11HCA	TOU 11kV	Standard		5	58,570	5	42,335	16,255	11	5	42,335	16,255	11
TOU11LCA	TOU 11kV	Standard		5	14,518	5	10,128	4,390	4	5	10,128	4,390	4
Individual Direct Billed	IND	Non-standard		12	213,438	12	—	—	—	12	—	—	—
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>						33,871	475,349	203,581	199	33,751	475,349	203,581	199
Standard consumer totals						12	—	—	—	12	—	—	—
Non-standard consumer totals						33,883	475,349	203,581	199	33,763	475,349	203,581	199
Total for all consumers													

Add extra columns for additional billed quantities by price components as necessary

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs. EDBs should feel free to adjust the page break of this schedule to assist with readability if needed.

8(ii): Line Charge Revenues (\$000) by Price Component

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Consumer group name or price category code	Standardised connection types	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year
LOWNCA	Low Charge	Standard	\$1,879
LOWLCA	Low Charge	Standard	\$7,865
LOWUNCA	Low Uncontrolled	Standard	\$23
LOWULCA	Low Uncontrolled	Standard	\$38
O15HCA	O15	Standard	\$6,430
O15LCA	O15	Standard	\$11,581
O15UNCA	O15 Uncontrolled	Standard	\$42
O15ULCA	O15 Uncontrolled	Standard	\$37
160HCA	160	Standard	\$1,907
160LCA	160	Standard	\$2,362
160UNCA	160 Uncontrolled	Standard	\$57
160ULCA	160 Uncontrolled	Standard	\$46
AssHCA	Assessed	Standard	\$14,397
AssLCA	Assessed	Standard	\$3,726
YOU400HCA	YOU 400v	Standard	\$1,612
YOU400LCA	YOU 400v	Standard	\$4,957
YOU110HCA	YOU 110v	Standard	\$2,630
YOU110LCA	YOU 110v	Standard	\$876
Individual Direct Billed	IND	Non-standard	\$5,310
Standard consumer totals			\$60,415
Non-standard consumer totals			\$5,310
Total for all consumers			\$65,725

Total distribution line charge revenue	Total transmission line charge revenue
\$1,500	\$721
6,374	1,491
18	5
31	8
5,085	1,345
9,150	2,382
36	8
30	8
1,529	378
1,850	513
44	13
30	10
11,227	3,169
2,774	952
1,239	373
4,123	834
2,258	373
638	238
3,237	2,073
\$47,944	\$12,471
\$3,237	\$2,073
\$51,181	\$14,544

Line charge revenues (\$000) by price component *Not Required after D12/04*

Price component	Distribution fixed	Distribution variable day	Distribution variable night	Distribution demand	Transmission Fixed	Transmission Variable day	Transmission Variable night	Transmission demand
Rate (eg, \$ per day, \$ per kWh, etc.)	\$/annum	\$/MWh	\$/MWh	\$(MWh*annum)	\$/annum	\$/MWh	\$/MWh	\$(MWh*annum)
\$377	\$739	\$390	-	-	-	\$259	\$114	-
\$1,803	\$2,992	\$1,979	-	-	-	\$1,036	\$455	-
\$3	\$30	\$5	-	-	-	\$4	\$2	-
\$7	\$35	\$8	-	-	-	\$5	\$2	-
\$4,649	\$300	\$126	-	-	\$1,336	\$7	\$1	-
\$8,410	\$525	\$215	-	-	\$2,367	\$13	\$2	-
\$29	\$3	\$1	-	-	\$8	\$0	\$0	-
\$27	\$2	\$1	-	-	\$8	\$0	\$0	-
\$1,438	\$64	\$26	-	-	\$376	\$2	\$0	-
\$1,683	\$118	\$48	-	-	\$509	\$3	\$0	-
\$40	\$3	\$1	-	-	\$13	\$0	\$0	-
\$32	\$2	\$1	-	-	\$10	\$0	\$0	-
\$2,641	\$879	\$348	\$7,358	\$2,053	\$20	\$3	\$1,093	-
\$608	\$249	\$94	\$1,823	\$456	\$5	\$1	\$489	-
\$51	\$133	\$26	\$1,030	\$41	-	-	\$33	-
\$128	\$680	\$130	\$3,185	\$106	\$1	\$0	\$727	-
\$9	\$410	\$80	\$1,759	\$9	-	-	\$861	-
\$6	\$96	\$18	\$918	\$5	-	-	\$231	-
\$3,237	-	-	-	\$2,073	-	-	-	-
\$21,942	\$7,230	\$3,099	\$15,674	\$7,298	\$1,355	\$581	\$3,238	-
\$3,237	-	-	-	\$2,073	-	-	-	-
\$25,179	\$7,230	\$3,099	\$15,674	\$9,371	\$1,355	\$581	\$3,238	-

Add extra columns for additional line charge revenues by price component as necessary

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

Check

Company Name	Alpine Energy Limited
For Year Ended	31 March 2024
Network / Sub-network Name	Alpine Energy Limited

SCHEDULE 9a: ASSET REGISTER

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

9a: Asset Register

	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	25,430	25,634	204	3
9	All	Overhead Line	Wood poles	No.	19,074	18,719	(355)	3
10	All	Overhead Line	Other pole types	No.	229	271	42	3
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	248	249	1	3
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	32	33	1	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	25	24	(1)	3
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	N/A
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	2	2	-	4
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	6	6	-	4
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	117	113	(4)	3
28	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	7	7	-	4
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	25	26	1	4
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	165	170	5	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	8	8	-	4
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	27	31	4	3
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,888	2,891	3	3
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
36	HV	Distribution Line	SWER conductor	km	7	7	-	4
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	327	341	14	2
38	HV	Distribution Cable	Distribution UG PILC	km	135	136	1	4
39	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	70	61	(9)	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	4	4	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	7,085	6,959	(126)	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	56	72	16	4
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	482	489	7	4
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	5,036	5,060	24	4
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	1,119	1,140	21	4
47	HV	Distribution Transformer	Voltage regulators	No.	68	69	1	4
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	N/A
49	LV	LV Line	LV OH Conductor	km	350	345	(5)	3
50	LV	LV Cable	LV UG Cable	km	374	380	6	3
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-	-	-	N/A
52	LV	Connections	OH/UG consumer service connections	No.	34,346	38,828	4,482	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	449	455	6	3
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	359	514	155	3
55	All	Capacitor Banks	Capacitors including controls	No.	10	11	1	4
56	All	Load Control	Centralised plant	Lot	6	7	1	4
57	All	Load Control	Relays	No.	-	-	-	N/A
58	All	Civils	Cable Tunnels	km	-	-	-	N/A

Company Name

Alpine Energy Limited

For Year Ended

31 March 2024

Network / Sub-network Name

Alpine Energy Limited

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

9

9c: Overhead Lines and Underground Cables

10

11

Circuit length by operating voltage (at year end)

12

> 66kV

13

50kV & 66kV

14

33kV

15

SWER (all SWER voltages)

16

22kV (other than SWER)

17

6.6kV to 11kV (inclusive—other than SWER)

18

Low voltage (< 1kV)

19

Total circuit length (for supply)

20

21

Dedicated street lighting circuit length (km)

22

Circuit in sensitive areas (conservation areas, iwi territory etc) (km)

23

24

Overhead circuit length by terrain (at year end)

25

Urban

26

Rural

27

Remote only

28

Rugged only

29

Remote and rugged

30

Unallocated overhead lines

31

Total overhead length

32

33

34

Length of circuit within 10km of coastline or geothermal areas (where known)

35

36

37

Overhead circuit requiring vegetation management

Overhead (km)	Underground (km)	Total circuit length (km)
1	–	1
–	–	–
250	34	284
–	7	7
145	17	162
2,743	458	3,201
347	377	724
3,486	893	4,379

Overhead (km)	Underground (km)	Total circuit length (km)
1	–	1
–	–	–
250	34	284
–	7	7
145	17	162
2,743	458	3,201
347	377	724
3,486	893	4,379

		–
		36

(% of total

Circuit length (km) overhead length)

Circuit length (km)	(% of total overhead length)
300	9%
3,091	89%
–	–
95	3%
–	–
–	–
3,486	100%

(% of total circuit

Circuit length (km) length)

1,779	41%
-------	-----

(% of total

Circuit length (km) overhead length)

717	21%
-----	-----

Not required after DY2025

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.

sch ref

	Location *	Average number or ICPs in disclosure year	Line charge revenue (\$000)
8			
9	N/A	-	-
10	N/A	-	-
11	N/A	-	-
12	N/A	-	-
13	N/A	-	-
14	N/A	-	-
15	N/A	-	-
16	N/A	-	-
17	N/A	-	-
18	N/A	-	-
19	N/A	-	-
20	N/A	-	-
21	N/A	-	-
22	N/A	-	-
23	N/A	-	-
24	N/A	-	-
25	N/A	-	-

* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB's network or in another embedded network

Company Name **Alpine Energy Limited**

For Year Ended **31 March 2024**

Network / Sub-network Name **Alpine Energy Limited**

SCHEDULE 9e: REPORT ON NETWORK DEMAND

This schedule requires a summary of the key measures of network utilisation for the disclosure year (number of new connections including distributed generation, peak demand and electricity volumes conveyed).

sch ref

9e(i): Consumer Connections and Decommissionings

Number of ICPS connected during year by consumer type

Consumer types defined by EDB*	Number of connections (ICPs)
Low Charge	-
Low Uncontrolled	1
015	392
015 Uncontrolled	-
360	10
360 Uncontrolled	-
Assessed	22
TOU 400V	-
TOU 11kV	2
IND	-
* include additional rows if needed	
Connections total	427

Number of ICPS decommissioned during year by consumer type

Consumer types defined by EDB*	Number of decommissionings
Low Charge	8
Low Uncontrolled	-
015	66
015 Uncontrolled	-
360	7
360 Uncontrolled	-
Assessed	6
TOU 400V	1
TOU 11kV	-
IND	-
* include additional rows if needed	
Decommissionings total	88

Distributed generation

Number of connections made in year	144	connections
Capacity of distributed generation installed in year	0.93	MVA

9e(ii): System Demand

	Demand at time of maximum coincident demand (MW)	
Maximum coincident system demand		
GXP demand	148	
plus Distributed generation output at HV and above	7	
Maximum coincident system demand	155	
less Net transfers to (from) other EDBs at HV and above	-	
Demand on system for supply to consumers' connection points	155	
Electricity volumes carried		
Energy (GWh)		
Electricity supplied from GXPs	910	
less Electricity exports to GXPs	12	
plus Electricity supplied from distributed generation	24	
less Net electricity supplied to (from) other EDBs	-	
Electricity entering system for supply to consumers' connection points	922	
less Total energy delivered to ICPS	892	
Electricity losses (loss ratio)	30	3.2%
Load factor	0.68	

9e(iii): Transformer Capacity

	(MVA)
Distribution transformer capacity (EDB owned)	637
Distribution transformer capacity (Non-EDB owned)	16
Total distribution transformer capacity	653
(MVA)	
Zone substation transformer capacity (EDB owned)	382
Zone substation transformer capacity (Non-EDB owned)	-
Total zone substation transformer capacity	382

Company Name **Alpine Energy Limited**For Year Ended **31 March 2024**Network / Sub-network Name **Alpine Energy Limited****SCHEDULE 10: REPORT ON NETWORK RELIABILITY**

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

10(i): Interruptions**Interruptions by class**

	Number of interruptions
Class A (planned interruptions by Transpower)	43
Class B (planned interruptions on the network)	824
Class C (unplanned interruptions on the network)	562
Class D (unplanned interruptions by Transpower)	11
Class E (unplanned interruptions of EDB owned generation)	–
Class F (unplanned interruptions of generation owned by others)	–
Class G (unplanned interruptions caused by another disclosing entity)	–
Class H (planned interruptions caused by another disclosing entity)	–
Class I (interruptions caused by parties not included above)	4
Total	1,444

Interruption restoration

	≤3Hrs	>3hrs
Class C interruptions restored within	337	225

SAIFI and SAIDI by class

	SAIFI	SAIDI
Class A (planned interruptions by Transpower)	0.1440	50.75
Class B (planned interruptions on the network)	0.4057	144.79
Class C (unplanned interruptions on the network)	1.0469	215.57
Class D (unplanned interruptions by Transpower)	0.0335	4.49
Class E (unplanned interruptions of EDB owned generation)	–	–
Class F (unplanned interruptions of generation owned by others)	–	–
Class G (unplanned interruptions caused by another disclosing entity)	–	–
Class H (planned interruptions caused by another disclosing entity)	–	–
Class I (interruptions caused by parties not included above)	0.0064	0.02
Total	1.6364	415.62

Normalised SAIFI and SAIDI

	Normalised SAIFI	Normalised SAIDI
Classes B & C (interruptions on the network)	1.4546	287.81

Not required after DY2024

Transitional SAIFI and SAIDI (previous method)

	SAIFI	SAIDI
Class B (planned interruptions on the network)	N/A	N/A
Class C (unplanned interruptions on the network)	N/A	N/A

Where EDBs do not currently record their SAIFI and SAIDI values using the 'multi-count' approach, they shall continue to record their SAIFI and SAIDI values on the same basis that they employed as at 31 March 2023 as 'Transitional SAIFI' and 'Transitional SAIDI' values, in addition to their SAIFI and SAIDI values (Classes B & C) using the 'multi-count approach'. This is a transitional reporting requirement that shall be in place for the 2024, 2025, and 2026 disclosure years.

Company Name **Alpine Energy Limited**For Year Ended **31 March 2024**Network / Sub-network Name **Alpine Energy Limited****SCHEDULE 10: REPORT ON NETWORK RELIABILITY**

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

10(ii): Class C Interruptions and Duration by Cause**Cause**

Lightning
Vegetation
Adverse weather
Adverse environment
Third party interference
Wildlife
Human error
Defective equipment
Cause unknown

SAIFI	SAIDI
0.0392	7.72
0.1069	9.27
0.1863	94.78
0.0032	1.39
0.1415	18.96
0.0945	8.36
0.0012	0.03
0.2365	42.69
0.2375	32.37

Not required after DY2024

Breakdown of third party interference

Dig-in
Overhead contact
Vandalism
Vehicle damage
Other

SAIFI	SAIDI
0.0201	1.35
0.0129	1.54
–	–
0.0809	11.77
0.0276	4.30

10(iii): Class B Interruptions and Duration by Main Equipment Involved**Main equipment involved**

Subtransmission lines
Subtransmission cables
Subtransmission other
Distribution lines (excluding LV)
Distribution cables (excluding LV)
Distribution other (excluding LV)

SAIFI	SAIDI
–	–
–	–
0.0000	0.01
0.2788	95.76
0.1268	49.01
–	–

10(iv): Class C Interruptions and Duration by Main Equipment Involved**Main equipment involved**

Subtransmission lines
Subtransmission cables
Subtransmission other
Distribution lines (excluding LV)
Distribution cables (excluding LV)
Distribution other (excluding LV)

SAIFI	SAIDI
0.0039	0.29
–	–
0.0378	7.26
0.8765	174.77
0.0707	3.47
0.0580	29.79

10(v): Fault Rate**Main equipment involved**

Subtransmission lines
Subtransmission cables
Subtransmission other
Distribution lines (excluding LV)
Distribution cables (excluding LV)
Distribution other (excluding LV)

Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
2	33	6.06
6		
1,115	2,898	38.47
305	477	63.94
10		
1,442		

Total