COMMERCE COMMISSION NEW ZEALAND

EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10

Company Name	Alpine Energy Limited
Disclosure Date	31 October 2020
Disclosure Year (year ended)	31 March 2020

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 21 December 2017

pwc

Table of Contents

Disclosure Template Instructions

These templates have been prepared 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 2013").

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:P105 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 AG10 to AG60 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 templates for schedules 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e 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 schedules 5c, 6a, and 9e 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.
Schedules 5d and 5e 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 P and U. To avoid interfering with the title block entries, these should be inserted to the left of column S. If inserting additional columns, 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 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.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Electricity Distribution ID Determination 2012 (as issued on 21 December 2017). They provide a common reference between the rows in the determination and the template.

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

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination.

This information is part of audited disclosure information (as defined in section 1.4 of the 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)
Operational expenditure	26,410	638	152,662	4,937	36,546
Network	9,227	223	53,339	1,725	12,769
Non-network	17,182	415	99,323	3,212	23,777
Expenditure on assets	19,861	480	114,810	3,713	27,485
Network	18,592	449	107,470	3,476	25,728
Non-network	1,270	31	7,340	237	1,757

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
Total consumer line charge revenue	97,014	2,344
Standard consumer line charge revenue	119,769	2,176
Non-standard consumer line charge revenue	28,183	471,588

1(iii): Service intensity measures

Demand density	32	*Maximum coincident system demand per km of circuit length (for supply) (kW/km)*
Volume density	187	*Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)*
Connection point density	8	*Average number of ICPs per km of circuit length (for supply) (ICPs/km)*
Energy intensity	24,163	*Total energy delivered to ICPs per average number of ICPs (kWh/ICP)*

1(iv): Composition of regulatory income

	($000)	% of revenue
Operational expenditure	21,343	27.22%
Pass-through and recoverable costs excluding financial incentives and wash-ups	18,482	23.57%
Total depreciation	13,167	16.79%
Total revaluations	5,104	6.51%
Regulatory tax allowance	7,561	9.64%
Regulatory profit/(loss) including financial incentives and wash-ups	22,953	29.28%
Total regulatory income	78,402	

1(v): Reliability

Interruption rate	13.21	*Interruptions per 100 circuit km*

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the 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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref		CY-2 31 Mar 18 %	CY-1 31 Mar 19 %	Current Year CY 31 Mar 20 %
7	**2(i): Return on Investment**			
8				
9	**ROI – comparable to a post tax WACC**			
10	Reflecting all revenue earned	5.61%	7.85%	11.66%
11	Excluding revenue earned from financial incentives	5.64%	7.79%	11.54%
12	Excluding revenue earned from financial incentives and wash-ups	3.18%	5.31%	8.82%
13				
14	**Mid-point estimate of post tax WACC**	5.04%	4.75%	4.27%
15	25th percentile estimate	4.36%	4.07%	3.59%
16	75th percentile estimate	5.72%	5.43%	4.95%
17				
18				
19	**ROI – comparable to a vanilla WACC**			
20	Reflecting all revenue earned	6.20%	8.36%	12.08%
21	Excluding revenue earned from financial incentives	6.23%	8.30%	11.96%
22	Excluding revenue earned from financial incentives and wash-ups	3.77%	5.82%	9.25%
23				
24	**WACC rate used to set regulatory price path**	7.19%	7.19%	7.19%
25				
26	**Mid-point estimate of vanilla WACC**	5.60%	5.26%	4.69%
27	25th percentile estimate	4.92%	4.58%	4.01%
28	75th percentile estimate	6.29%	5.94%	5.37%
29				

				($000)
30	**2(ii): Information Supporting the ROI**			
31				
32		Total opening RAB value	201,495	
33	*plus*	Opening deferred tax	(8,472)	
34	**Opening RIV**			193,023
35				
36	**Line charge revenue**			78,402
37				
38		Expenses cash outflow	39,825	
39	*add*	Assets commissioned	11,810	
40	*less*	Asset disposals	65	
41	*add*	Tax payments	5,485	
42	*less*	Other regulated income	-	
43	**Mid-year net cash outflows**			57,054
44				
45	**Term credit spread differential allowance**			-
46				
47		Total closing RAB value	205,600	
48	*less*	Adjustment resulting from asset allocation	(0)	
49	*less*	Lost and found assets adjustment	424	
50	*plus*	Closing deferred tax	(10,548)	
51	**Closing RIV**			194,628
52				
53	**ROI – comparable to a vanilla WACC**			12.08%
54				
55		Leverage (%)		42%
56		Cost of debt assumption (%)		3.61%
57		Corporate tax rate (%)		28%
58				
59	**ROI – comparable to a post tax WACC**			11.66%
60				

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

2(iii): Information Supporting the Monthly ROI

63	**Opening RIV**	N/A

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**	-	-	-	-	-	-

81	**Tax payments**	N/A
83	**Term credit spread differential allowance**	N/A
85	**Closing RIV**	N/A
88	**Monthly ROI – comparable to a vanilla WACC**	N/A
90	**Monthly ROI – comparable to a post tax WACC**	N/A

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

94	**Year-end ROI – comparable to a vanilla WACC**	7.89%
96	**Year-end ROI – comparable to a post tax WACC**	7.47%

** 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.*

2(v): Financial Incentives and Wash-Ups

102	Net recoverable costs allowed under incremental rolling incentive scheme	-	
103	Purchased assets – avoided transmission charge	-	
104	Energy efficiency and demand incentive allowance		
105	Quality incentive adjustment	312	
106	Other financial incentives	-	
107	**Financial incentives**		312
109	**Impact of financial incentives on ROI**		0.12%
111	Input methodology claw-back	3,050	
112	CPP application recoverable costs	-	
113	Catastrophic event allowance	-	
114	Capex wash-up adjustment	626	
115	Transmission asset wash-up adjustment	-	
116	2013–15 NPV wash-up allowance	3,263	
117	Reconsideration event allowance	-	
118	Other wash-ups	-	
119	**Wash-up costs**		6,939
121	**Impact of wash-up costs on ROI**		2.71%

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref				
7	**3(i): Regulatory Profit**			**($000)**
8		**Income**		
9		Line charge revenue		78,402
10	*plus*	Gains / (losses) on asset disposals		–
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)		–
12				
13		**Total regulatory income**		78,402
14		**Expenses**		
15	*less*	Operational expenditure		21,343
16				
17	*less*	Pass-through and recoverable costs excluding financial incentives and wash-ups		18,482
18				
19		**Operating surplus / (deficit)**		38,577
20				
21	*less*	Total depreciation		13,167
22				
23	*plus*	Total revaluations		5,104
24				
25		**Regulatory profit / (loss) before tax**		30,514
26				
27	*less*	Term credit spread differential allowance		–
28				
29	*less*	Regulatory tax allowance		7,561
30				
31		**Regulatory profit/(loss) including financial incentives and wash-ups**		22,953
32				
33	**3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups**		**($000)**	
34		**Pass through costs**		
35		Rates	109	
36		Commerce Act levies	88	
37		Industry levies	160	
38		CPP specified pass through costs	–	
39		**Recoverable costs excluding financial incentives and wash-ups**		
40		Electricity lines service charge payable to Transpower	15,577	
41		Transpower new investment contract charges	2,538	
42		System operator services	10	
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**		18,482
47				

Company Name	**Alpine Energy Limited**
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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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

3(iii): Incremental Rolling Incentive Scheme

($000)

		CY-1 31 Mar 19	CY 31 Mar 20
51	Allowed controllable opex	N/A	N/A
52	Actual controllable opex	N/A	N/A
53			
54	Incremental change in year		N/A
55			

			Previous years' incremental change	Previous years' incremental change adjusted for inflation
56				
57	CY-5	31 Mar 15	N/A	N/A
58	CY-4	31 Mar 16	N/A	N/A
59	CY-3	31 Mar 17	N/A	N/A
60	CY-2	31 Mar 18	N/A	N/A
61	CY-1	31 Mar 19	N/A	N/A
62	**Net incremental rolling incentive scheme**			-
63				
64	**Net recoverable costs allowed under incremental rolling incentive scheme**			-

3(iv): Merger and Acquisition Expenditure

		($000)
66	Merger and acquisition expenditure	N/A
67		
68	*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)*	

3(v): Other Disclosures

		($000)
71	Self-insurance allowance	N/A

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)

		for year ended	RAB 31 Mar 16 ($000)	RAB 31 Mar 17 ($000)	RAB 31 Mar 18 ($000)	RAB 31 Mar 19 ($000)	RAB 31 Mar 20 ($000)
10		**Total opening RAB value**	166,321	166,972	178,990	199,621	201,495
12	*less*	**Total depreciation**	9,916	10,242	12,244	12,793	13,167
14	*plus*	**Total revaluations**	963	3,611	1,969	2,962	5,104
16	*plus*	**Assets commissioned**	11,857	18,955	30,906	17,962	11,810
18	*less*	**Asset disposals**	87	306	-	-	65
20	*plus*	**Lost and found assets adjustment**	(2,166)	-	-	-	424
22	*plus*	**Adjustment resulting from asset allocation**	-	-	-	(6,257)	(0)
24		**Total closing RAB value**	166,972	178,990	199,621	201,495	205,600

4(ii): Unallocated Regulatory Asset Base

			Unallocated RAB * ($000)	Unallocated RAB * ($000)	RAB ($000)	RAB ($000)
29		**Total opening RAB value**		207,751		201,495
31	*less*	**Total depreciation**		13,450		13,167
33	*plus*	**Total revaluations**		5,263		5,104
35	*plus*	Assets commissioned (other than below)	4,654		4,534	
36		Assets acquired from a regulated supplier	-		-	
37		Assets acquired from a related party	7,276		7,276	
38		**Assets commissioned**		11,930		11,810
40	*less*	Asset disposals (other than below)	65		65	
41		Asset disposals to a regulated supplier	NA		NA	
42		Asset disposals to a related party	NA		NA	
43		**Asset disposals**		65		65
45	*plus*	**Lost and found assets adjustment**		424		424
47	*plus*	**Adjustment resulting from asset allocation**				(0)
49		**Total closing RAB value**		211,852		205,600

** 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.*

Company Name	**Alpine Energy Limited**
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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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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

54	CPI_4	1,052
55	CPI_4^{-4}	1,026
56	Revaluation rate (%)	2.53%

		Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
60	Total opening RAB value	207,751		201,495	
61	*less* Opening value of fully depreciated, disposed and lost assets	65		65	
62					
63	Total opening RAB value subject to revaluation	207,685		201,429	
64	**Total revaluations**		5,263		5,104

4(iv): Roll Forward of Works Under Construction

		Unallocated works under construction		Allocated works under construction	
68	**Works under construction—preceding disclosure year**		796		796
69	*plus* Capital expenditure	13,234		13,234	
70	*less* Assets commissioned	11,930		11,810	
71	*plus* Adjustment resulting from asset allocation			-	
72	**Works under construction - current disclosure year**		2,100		2,220
73					
74	Highest rate of capitalised finance applied				-

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

4(v): Regulatory Depreciation

		Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
	Depreciation - standard	10,531		10,531	
	Depreciation - no standard life assets	2,919		2,636	
	Depreciation - modified life assets	–		–	
	Depreciation - alternative depreciation in accordance with CPP	–		–	
	Total depreciation		13,450		13,167

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
None	Not Applicable	Not Applicable	Not Applicable	Not Applicable

** include additional rows if needed*

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	
	Total opening RAB value	13,476	4,653	50,407	35,288	48,371	16,945	12,166	6,791	13,398	201,495	
less	Total depreciation	554	74	2,881	3,017	1,781	1,651	327	247	2,636	13,167	
plus	Total revaluations	341	75	1,250	894	1,226	499	308	172	338	5,104	
plus	Assets commissioned	396	–	–	4,926	1,359	1,371	1,791	926	1,041	11,810	
less	Asset disposals	–	–	–	–	–	–	–	–	65	65	
plus	Lost and found assets adjustment	–		239	59		–	125	–		424	
plus	Adjustment resulting from asset allocation	–	–	–	–	–	–	–	–	–	–	
plus	Asset category transfers	(243)	–	1,122	(1,036)	139	–	52	–	(34)	0	
	Total closing RAB value	13,416	4,655	50,138	37,115	49,313	17,165	14,115	7,643	12,040	205,600	
	Asset Life											
	Weighted average remaining asset life	35.4	39.8	34.6	32.3	39.3	27.3	34.8	26.8	26.8		(years)
	Weighted average expected total asset life	51.0	45.0	43.1	53.3	55.4	45.0	41.6	35.8	28.9		(years)

Company Name	**Alpine Energy Limited**
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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 the ID determination), and so is subject to the assurance report required by section

sch ref					
7	**5a(i): Regulatory Tax Allowance**				($000)
8		**Regulatory profit / (loss) before tax**			30,514
9					
10	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	–	*	
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	197	*	
12		Amortisation of initial differences in asset values	2,756		
13		Amortisation of revaluations	1,516		
14					4,469
15					
16	*less*	Total revaluations	5,104		
17		Income included in regulatory profit / (loss) before tax but not taxable	–	*	
18		Discretionary discounts and customer rebates	–		
19		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	–	*	
20		Notional deductible interest	2,875		
21					7,980
22					
23		**Regulatory taxable income**			27,004
24					
25	*less*	Utilised tax losses	–		
26		Regulatory net taxable income			27,004
27					
28		Corporate tax rate (%)	28%		
29		**Regulatory tax allowance**			7,561
30					
31	* Workings to be provided in Schedule 14				
32	**5a(ii): Disclosure of Permanent Differences**				
33		In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).			
34	**5a(iii): Amortisation of Initial Difference in Asset Values**				($000)
35					
36		Opening unamortised initial differences in asset values	41,343		
37	*less*	Amortisation of initial differences in asset values	2,756		
38	*plus*	Adjustment for unamortised initial differences in assets acquired	–		
39	*less*	Adjustment for unamortised initial differences in assets disposed	–		
40		Closing unamortised initial differences in asset values			38,586
41					
42		Opening weighted average remaining useful life of relevant assets (years)			15
43					

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section

sch ref				
44	**5a(iv): Amortisation of Revaluations**			($000)
45				
46		Opening sum of RAB values without revaluations	169,358	
47				
48		Adjusted depreciation	11,651	
49		Total depreciation	13,167	
50		Amortisation of revaluations		1,516
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**	(8,472)	
61				
62	*plus*	Tax effect of adjusted depreciation	3,262	
63				
64	*less*	Tax effect of tax depreciation	4,630	
65				
66	*plus*	Tax effect of other temporary differences*	63	
67				
68	*less*	Tax effect of amortisation of initial differences in asset values	772	
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		
73				
74	*plus*	Deferred tax cost allocation adjustment	0	
75				
76		**Closing deferred tax**		(10,548)
77				
78	**5a(vii): Disclosure of Temporary Differences**			
	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			
79	*differences).*			
80				
81	**5a(viii): Regulatory Tax Asset Base Roll-Forward**			
82				($000)
83		**Opening sum of regulatory tax asset values**	119,862	
84	*less*	Tax depreciation	16,535	
85	*plus*	Regulatory tax asset value of assets commissioned	12,013	
86	*less*	Regulatory tax asset value of asset disposals	–	
87	*plus*	Lost and found assets adjustment	–	
88	*plus*	Adjustment resulting from asset allocation	–	
89	*plus*	Other adjustments to the RAB tax value	–	
90		**Closing sum of regulatory tax asset values**		115,340

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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

sch ref

5b(i): Summary—Related Party Transactions

		($000)	($000)
8	**Total regulatory income**		
10	**Market value of asset disposals**		
12	Service interruptions and emergencies	2,415	
13	Vegetation management	820	
14	Routine and corrective maintenance and inspection	2,680	
15	Asset replacement and renewal (opex)	295	
16	**Network opex**		6,210
17	Business support	–	
18	System operations and network support	135	
19	**Operational expenditure**		6,345
20	Consumer connection	2,940	
21	System growth	277	
22	Asset replacement and renewal (capex)	6,778	
23	Asset relocations	238	
24	Quality of supply	–	
25	Legislative and regulatory	–	
26	Other reliability, safety and environment	328	
27	**Expenditure on non-network assets**		–
28	**Expenditure on assets**		10,561
29	Cost of financing		
30	Value of capital contributions		
31	Value of vested assets		
32	**Capital Expenditure**		10,561
33	**Total expenditure**		16,906
35	**Other related party transactions**		70

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

37	Name of related party	Nature of opex or capex service provided	Total value of transactions ($000)
38	Netcon - Capex	Consumer connection	2,940
39	Netcon - Capex	Asset replacement and renewal (capex)	6,778
40	Netcon - Capex	System growth	277
41	Netcon - Capex	Asset relocations	238
42	Netcon - Capex	Quality of supply	–
43	Netcon - Capex	Legislative and regulatory	–
44	Netcon - Capex	Other reliability, safety and environment	328
45	Netcon - Opex	Expenditure on non-network assets	–
46	Netcon - Opex	Service interruptions and emergencies	2,415
47	Netcon - Opex	Vegetation management	820
48	Netcon - Opex	Routine and corrective maintenance and inspection	2,680
49	Netcon - Opex	Asset replacement and renewal (opex)	295
50	Netcon - Opex	System operations and network support	135
51			
52			
53	**Total value of related party transactions**		16,906

54 ** include additional rows if needed*

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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
None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
* 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		–

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

5d(i): Operating Cost Allocations

		Value allocated ($000s)			
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase ($000s)
Service interruptions and emergencies					
Directly attributable		2,562			
Not directly attributable	–	–	–	–	Not Applicable
Total attributable to regulated service		2,562			
Vegetation management					
Directly attributable		1,036			
Not directly attributable	–	–	–	–	Not Applicable
Total attributable to regulated service		1,036			
Routine and corrective maintenance and inspection					
Directly attributable		3,426			
Not directly attributable	–	–	–	–	Not Applicable
Total attributable to regulated service		3,426			
Asset replacement and renewal					
Directly attributable		432			
Not directly attributable	–	–	–	–	Not Applicable
Total attributable to regulated service		432			
System operations and network support					
Directly attributable		8,118			
Not directly attributable	–	–	–	–	Not Applicable
Total attributable to regulated service		8,118			
Business support					
Directly attributable		–			
Not directly attributable	–	5,768	322	6,090	Not Applicable
Total attributable to regulated service		5,768			
Operating costs directly attributable		15,575			
Operating costs not directly attributable	–	5,768	322	6,090	–
Operational expenditure		21,343			

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

5d(ii): Other Cost Allocations

	($000)
Pass through and recoverable costs	
Pass through costs	
Directly attributable	357
Not directly attributable	–
Total attributable to regulated service	357
Recoverable costs	
Directly attributable	18,125
Not directly attributable	–
Total attributable to regulated service	18,125

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

Change in cost allocation 1

			($000) CY-1	($000) Current Year (CY)
Cost category	Business Support	Original allocation	6,717	5,373
Original allocator or line items	Revenue	New allocation	7,211	5,768
New allocator or line items	Employee Time	Difference	(494)	(395)

Rationale for change: Costs are allocated based of time spent on regulated activities. In 2019, business support costs were allocated based on revenue. All other non-regulated expenditure has been excluded from the regulated expenditure at the point of allocating costs.

Change in cost allocation 2

			($000) CY-1	($000) Current Year (CY)
Cost category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–

Rationale for change:

Change in cost allocation 3

			($000) CY-1	($000) Current Year (CY)
Cost category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–

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

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the 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	13,416
Not directly attributable	-
Total attributable to regulated service	13,416
Subtransmission cables	
Directly attributable	4,655
Not directly attributable	-
Total attributable to regulated service	4,655
Zone substations	
Directly attributable	50,138
Not directly attributable	-
Total attributable to regulated service	50,138
Distribution and LV lines	
Directly attributable	37,115
Not directly attributable	-
Total attributable to regulated service	37,115
Distribution and LV cables	
Directly attributable	49,313
Not directly attributable	-
Total attributable to regulated service	49,313
Distribution substations and transformers	
Directly attributable	17,165
Not directly attributable	-
Total attributable to regulated service	17,165
Distribution switchgear	
Directly attributable	14,115
Not directly attributable	-
Total attributable to regulated service	14,115
Other network assets	
Directly attributable	7,643
Not directly attributable	-
Total attributable to regulated service	7,643
Non-network assets	
Directly attributable	6,589
Not directly attributable	5,452
Total attributable to regulated service	12,041
Regulated service asset value directly attributable	200,148
Regulated service asset value not directly attributable	5,452
Total closing RAB value	205,600

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

Change in asset value allocation 1

			($000) CY-1	Current Year (CY)
Asset category	NA	Original allocation	-	-
Original allocator or line items	NA	New allocation	-	-
New allocator or line items	NA	Difference	-	-

Rationale for change: Not rerquired

Change in asset value allocation 2

			($000) CY-1	Current Year (CY)
Asset category	NA	Original allocation	-	-
Original allocator or line items	NA	New allocation	-	-
New allocator or line items	NA	Difference	-	-

Rationale for change: Not required

Change in asset value allocation 3

			($000) CY-1	Current Year (CY)
Asset category	NA	Original allocation	-	-
Original allocator or line items	NA	New allocation	-	-
New allocator or line items	NA	Difference	-	-

Rationale for change: Not required

** 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

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

6a(i): Expenditure on Assets

			($000)	($000)
8		Consumer connection		4,626
9		System growth		343
10		Asset replacement and renewal		8,817
11		Asset relocations		256
12		Reliability, safety and environment:		
13		Quality of supply	–	
14		Legislative and regulatory	–	
15		Other reliability, safety and environment	984	
16		**Total reliability, safety and environment**		984
17		**Expenditure on network assets**		15,025
18		Expenditure on non-network assets		1,026
19				
20		**Expenditure on assets**		16,051
21	*plus*	Cost of financing		–
22	*less*	Value of capital contributions		2,817
23	*plus*	Value of vested assets		–
24				
25		**Capital expenditure**		13,234

6a(ii): Subcomponents of Expenditure on Assets (where known)

		($000)
27	Energy efficiency and demand side management, reduction of energy losses	–
28	Overhead to underground conversion	245
29	Research and development	–

6a(iii): Consumer Connection

	*Consumer types defined by EDB**	($000)	($000)
32	Commercial	2,165	
33	HV alterations	558	
34	Irrigation	331	
	LV alterations	21	
35	Residential	510	
36	Subdivision	1,042	
37	** include additional rows if needed*		
38	**Consumer connection expenditure**		4,626
39			
40	*less* Capital contributions funding consumer connection expenditure	2,640	
41	**Consumer connection less capital contributions**		1,985

6a(iv): System Growth and Asset Replacement and Renewal

		System Growth ($000)	Asset Replacement and Renewal ($000)
45	Subtransmission	–	651
46	Zone substations	124	1,264
47	Distribution and LV lines	31	4,539
48	Distribution and LV cables	161	304
49	Distribution substations and transformers	–	1,021
50	Distribution switchgear	27	318
51	Other network assets	–	720
52	**System growth and asset replacement and renewal expenditure**	343	8,817
53	*less* Capital contributions funding system growth and asset replacement and renewal	–	140
54	**System growth and asset replacement and renewal less capital contributions**	343	8,676
55			

6a(v): Asset Relocations

	*Project or programme**	($000)	($000)
58	Forth Street 11 kV OHUG	21	
59	Orton Rangi Mouth Rd AStay relocation	4	
60	Replace Douglas St transformer	29	
61	TIM Dawson Street OHUG	128	
62	U/G cables to remove O/H	73	
63	** include additional rows if needed*		
64	All other projects or programmes - asset relocations	0	
65	**Asset relocations expenditure**		256
66	*less* Capital contributions funding asset relocations	4	
67	**Asset relocations less capital contributions**		252

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

6a(vi): Quality of Supply

sch ref		($000)	($000)
	*Project or programme**		
		-	
		-	
		-	
		-	
		-	
	* *include additional rows if needed*		
	All other projects programmes - quality of supply	-	
	Quality of supply expenditure		-
less	Capital contributions funding quality of supply	-	
	Quality of supply less capital contributions		-

6a(vii): Legislative and Regulatory

		($000)	($000)
	*Project or programme**		
		-	
		-	
		-	
		-	
		-	
	* *include additional rows if needed*		
	All other projects or programmes - legislative and regulatory	-	
	Legislative and regulatory expenditure		-
less	Capital contributions funding legislative and regulatory	-	
	Legislative and regulatory less capital contributions		-

6a(viii): Other Reliability, Safety and Environment

		($000)	($000)
	*Project or programme**		
	Reclosers	173	
	Automation	271	
	Abloy Locks	66	
	Communications	474	
	* *include additional rows if needed*		
	All other projects or programmes - other reliability, safety and environment	-	
	Other reliability, safety and environment expenditure		984
less	Capital contributions funding other reliability, safety and environment	33	
	Other reliability, safety and environment less capital contributions		951

6a(ix): Non-Network Assets

Routine expenditure

		($000)	($000)
	*Project or programme**		
	Plant and Equipment	28	
	Software and IT	678	
	System Operations & Network Support	55	
	Land and Building	157	
	Vehicles	107	
	* *include additional rows if needed*		
	All other projects or programmes - routine expenditure	-	
	Routine expenditure		1,025

Atypical expenditure

		($000)	($000)
	*Project or programme**		
	Painting	1	
		-	
		-	
		-	
		-	
	* *include additional rows if needed*		
	All other projects or programmes - atypical expenditure	-	
	Atypical expenditure		1
	Expenditure on non-network assets		1,026

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref		($000)	($000)
7	**6b(i): Operational Expenditure**		
8	Service interruptions and emergencies	2,562	
9	Vegetation management	1,036	
10	Routine and corrective maintenance and inspection	3,426	
11	Asset replacement and renewal	432	
12	**Network opex**		7,457
13	System operations and network support	8,118	
14	Business support	5,768	
15	**Non-network opex**		13,886
16			
17	**Operational expenditure**		21,343
18	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
19	Energy efficiency and demand side management, reduction of energy losses		–
20	Direct billing*		–
21	Research and development		3
22	Insurance		259
23	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 the 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

		Target ($000) [1]	Actual ($000)	% variance
7	**7(i): Revenue**			
8	Line charge revenue	83,056	78,402	(6%)
9	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
10	Consumer connection	2,000	4,626	131%
11	System growth	1,072	343	(68%)
12	Asset replacement and renewal	8,045	8,817	10%
13	Asset relocations	350	256	(27%)
14	Reliability, safety and environment:			
15	Quality of supply	626	–	(100%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	765	984	29%
18	**Total reliability, safety and environment**	1,391	984	(29%)
19	**Expenditure on network assets**	12,858	15,025	17%
20	Expenditure on non-network assets	2,842	1,026	(64%)
21	Expenditure on assets	15,700	16,051	2%
22	**7(iii): Operational Expenditure**			
23	Service interruptions and emergencies	1,750	2,562	46%
24	Vegetation management	800	1,036	30%
25	Routine and corrective maintenance and inspection	2,700	3,426	27%
26	Asset replacement and renewal	700	432	(38%)
27	**Network opex**	5,950	7,457	25%
28	System operations and network support	4,629	8,118	75%
29	Business support	9,183	5,768	(37%)
30	**Non-network opex**	13,812	13,886	1%
31	**Operational expenditure**	19,762	21,343	8%
32	**7(iv): Subcomponents of Expenditure on Assets (where known)**			
33	Energy efficiency and demand side management, reduction of energy losses	–	–	–
34	Overhead to underground conversion	–	245	–
35	Research and development	–	–	–
36				
37	**7(v): Subcomponents of Operational Expenditure (where known)**			
38	Energy efficiency and demand side management, reduction of energy losses	–	–	–
39	Direct billing	–	–	–
40	Research and development	–	3	–
41	Insurance	249	259	4%
42				

43 *1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination*

44 *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)*

Company Name	Alpine Energy Limited
For Year Ended	31 March 2020
Network / Sub-Network Name	Not Applicable

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.

sch ref

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)
LOWHCA	Low Charge	Standard	1,897	11,536
LOWLCA	Low Charge	Standard	10,220	58,733
LOWUHCA	Low Uncontrolled	Standard	17	96
LOWULCA	Low Uncontrolled	Standard	38	213
015HCA	015	Standard	6,003	55,800
015LCA	015	Standard	12,050	102,116
015UHCA	015 Uncontrolled	Standard	35	332
015ULCA	015 Uncontrolled	Standard	41	359
36HCA	36S	Standard	523	12,056
36LCA	36S	Standard	740	22,411
36UHCA	36S Uncontrolled	Standard	14	641
36ULCA	36S Uncontrolled	Standard	16	320
ASSHCA	Assessed	Standard	1,295	138,125
ASSLCA	Assessed	Standard	199	37,788
TOUR0DHCA	TOU 400V	Standard	38	24,150
TOUR0DLCA	TOU 400V	Standard	102	101,425
TOUE1HCA	TOU 11kV	Standard	6	26,654
TOUE1LCA	TOU 11kV	Standard	4	14,290
Individual Direct Billed	IND	Non-standard	12	200,794

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	33,434	607,364
Non-standard consumer totals	12	200,794
Total for all consumers	33,446	808,158

Billed quantities by price component

Price component	Distribution Fixed	Distribution Variable Day	Distribution Variable Night	Distribution Demand	Transmission Fixed	Transmission Variable Day	Transmission Variable Night	Transmission Demand	*Add extra columns for additional billed quantities by price component as necessary*
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	Number of ICP's	MWH	MWH	MW	Number of ICP's	MWH	MWH	MW	
	1,897	8,076	3,461	-	-	8,076	3,461	-	
	10,220	41,113	17,620	-	-	41,113	17,620	-	
	17	67	29	-	-	67	29	-	
	38	149	64	-	-	149	64	-	
	6,003	39,060	16,740	-	-	39,060	16,740	-	
	12,050	71,621	30,695	-	-	71,621	30,695	-	
	35	303	130	-	35	303	130	-	
	41	258	111	-	41	258	111	-	
	523	8,439	3,617	-	-	8,439	3,617	-	
	740	15,687	6,723	-	-	15,687	6,723	-	
	14	448	192	-	14	448	192	-	
	16	259	111	-	16	259	111	-	
	1,295	96,562	41,563	111	-	96,562	41,563	111	
	199	26,271	11,475	39	-	26,271	11,475	39	
	38	16,835	7,315	8	-	16,835	7,315	8	
	102	70,037	31,388	23	-	70,037	31,388	23	
	6	19,194	7,461	7	-	19,194	7,461	7	
	4	9,940	4,349	4	-	9,940	4,349	4	
	12	-	-	-	-	9,947	4,074	-	
	33,434	424,322			105	424,322	183,042	191	
	12	-			-	9,947	4,074	-	
	33,446	424,322			105	434,269	187,115	191	

Company Name	Alpine Energy Limited
For Year Ended	31 March 2020
Network / Sub-Network Name	Not Applicable

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.

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Line charge revenues ($000) by price component: Distribution fixed	Distribution variable day	Distribution variable night	Distribution demand	Transmission fixed	Transmission Variable day	Transmission Variable night	Transmission demand	Add extra columns for additional line charge revenues by price component as necessary
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)	
LOWHCA	Low Charge	Standard	$756	-	$545	$211	$106	$378	$61	-	-	$187	$18	-	
LOWLCA	Low Charge	Standard	$4,209	-	$3,056	$1,148	$575	$2,136	$345	-	-	$987	$161	-	
LOWUHCA	Low Uncontrolled	Standard	$10	-	$5	$5	$1	$3	$1	-	-	$4	$1	-	
LOWULCA	Low Uncontrolled	Standard	$16	-	$9	$7	$3	$6	$1	-	-	$6	$1	-	
015HCA	015	Standard	$8,812	-	$7,430	$1,382	$3,042	$1,772	$616	-	-	$1,188	$194	-	
015LCA	015	Standard	$18,539	-	$15,710	$2,829	$4,627	$8,671	$1,417	-	-	$2,431	$396	-	
015UHCA	015 Uncontrolled	Standard	$38	-	$19	$16	$17	$2	$0	-	$8	$7	$1	-	
015ULCA	015 Uncontrolled	Standard	$39	-	$19	$20	$19	$0	$0	-	$10	$9	$1	-	
36DHCA	36D	Standard	$2,115	-	$1,861	$254	$1,119	$638	$101	-	-	$218	$36	-	
36DLCA	36D	Standard	$3,000	-	$2,413	$587	$1,167	$1,071	$175	-	-	$505	$82	-	
36DUHCA	36D Uncontrolled	Standard	$68	-	$53	$15	$30	$19	$3	-	$3	$10	$2	-	
36DULCA	36D Uncontrolled	Standard	$47	-	$38	$9	$24	$12	$2	-	$4	$5	$1	-	
ASWCA	Assessed	Standard	$18,903	-	$14,689	$4,215	$918	$6,327	$1,035	$6,398	-	$2,170	$357	$1,698	
ASWLCA	Assessed	Standard	$5,211	-	$3,679	$1,533	$197	$1,762	$298	$1,476	-	$808	$135	$595	
TOU400HCA	TOU 400V	Standard	$2,126	-	$1,822	$304	$19	$332	$67	$1,060	-	$149	$28	$476	
TOU400LCA	TOU 400V	Standard	$5,978	-	$3,618	$2,359	$41	$1,335	$219	$2,233	-	$696	$134	$1,509	
TOU11HCA	TOU 11kV	Standard	$1,855	-	$1,196	$659	$2	$528	$88	$579	-	$296	$50	$313	
TOU11LCA	TOU 11kV	Standard	$1,031	-	$610	$421	$2	$193	$36	$160	-	$138	$26	$256	
Individual Direct Billed	IND	Non-standard	$5,659	-	$3,689	$1,970	$3,689	-	-	-	$1,970	-	-	-	

Add extra rows for additional consumer groups or price category codes as necessary

	Standard consumer totals	$72,743	-	$56,442	$16,302	$12,898	$26,984			$24	$9,810	$1,635	$4,832
	Non-standard consumer totals	$5,659	-	$3,689	$1,970	$3,689	-			$1,970	-	-	-
	Total for all consumers	$78,402	-	$60,131	$18,272	$16,587	$26,984			$1,994	$9,810	$1,635	$4,832

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end		Check	OK

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**
Network / Sub-network Name	**Not Applicable**

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	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1–4)
9	All	Overhead Line	Concrete poles / steel structure	No.	24,783	24,895	112	3
10	All	Overhead Line	Wood poles	No.	20,933	20,448	(485)	3
11	All	Overhead Line	Other pole types	No.	387	301	(86)	3
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	249	249	(0)	3
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	0	0	-	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	31	31	0	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km			-	[Select one]
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km			-	[Select one]
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km			-	[Select one]
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km			-	[Select one]
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km			-	[Select one]
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km			-	[Select one]
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km			-	[Select one]
22	HV	Subtransmission Cable	Subtransmission submarine cable	km			-	[Select one]
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	17	21	4	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	2	2	-	4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.			-	[Select one]
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	2	2	-	4
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	6	6	-	4
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	112	117	5	4
29	HV	Zone substation switchgear	33kV RMU	No.	-	1	1	4
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	7	7	-	4
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	27	26	(1)	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	171	169	(2)	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	6	5	(1)	4
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	29	26	(3)	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,911	2,900	(11)	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km			-	[Select one]
37	HV	Distribution Line	SWER conductor	km	7	7	-	4
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	268	282	14	2
39	HV	Distribution Cable	Distribution UG PILC	km	144	144	(0)	2
40	HV	Distribution Cable	Distribution Submarine Cable	km			-	[Select one]
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	47	61	14	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.			-	[Select one]
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	6,859	6,847	(12)	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	13	23	10	3
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	415	421	6	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	4,962	4,957	(5)	2
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	997	1,041	44	2
48	HV	Distribution Transformer	Voltage regulators	No.	63	68	5	4
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.			-	[Select one]
50	LV	LV Line	LV OH Conductor	km	362	358	(4)	3
51	LV	LV Cable	LV UG Cable	km	344	351	7	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km			-	[Select one]
53	LV	Connections	OH/UG consumer service connections	No.	33,247	33,534	287	4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	443	451	8	3
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	231	276	45	3
56	All	Capacitor Banks	Capacitors including controls	No	20	9	(11)	4
57	All	Load Control	Centralised plant	Lot	7	7	-	4
58	All	Load Control	Relays	No	20,200		(20,200)	2
59	All	Civils	Cable Tunnels	km			-	[Select one]

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**
Network / Sub-network Name	**Not Applicable**

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the 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					Number of assets at disclosure year end by installation date																											
8		Disclosure Year (year ended)	31 March 2020																													
9	Voltage	Asset category	Asset class	Units	pre-1940	1940 –1949	1950 –1959	1960 –1969	1970 –1979	1980 –1989	1990 –1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	No. with age unknown	Items at end of year	No. with default dates	Data accuracy (1–4)
10	All	Overhead Line	Concrete poles / steel structure	No.	–	190	1 356	3 472	4 914	2 521	1 814	199	173	278	468	469	642	315	319	329	199	582	133	189	572	334	582	588	778	286	279	193	434	24 895		3
11	All	Overhead Line	Wood poles	No.	–	7	1 169	2 081	2 524	1 922	2 163	193	208	469	557	416	648	171	535	229	445	360	236	164	145	472	292	341	551	119	156	154	872	20 448		3
12	All	Overhead Line	Other pole types	No.	–	–	49	56	83	26	18	6			9	2				4	2	6	3	4	6	3						1	68	301		3
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	–	–	5	35	45	33	52	6		4	14	0		1				1	0	0	21	31	0	12	0	0	4	3	–	249		3
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km																		0								0			0		4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km					0	0	1				0	0	21						0	0		0		2	1	1	0	0	–	31		4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km																													–		[Select one]
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km																													–		[Select one]
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km																													–		[Select one]
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km																													–		[Select one]
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km																													–		[Select one]
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																													–		[Select one]
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km																													–		[Select one]
23	HV	Subtransmission Cable	Subtransmission submarine cable	km																													–		[Select one]
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.		2	3	2	4	1						2	1						4	1				1	1		1	–	21		4
25	HV	Zone substation Buildings	Zone substations 110kV+	No.																	0	1								1			–	2		4
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.																														–		[Select one]
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.																		1								1				2		4
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.																				6										6		4
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.			2	33	39	12	11									1	1		4	6	11	8	8	2	12		6	5		117		4
30	HV	Zone substation switchgear	33kV RMU	No.																												1		1		4
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.																				6			1							7		4
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.			3			4	9	5				2						3		1	2	3	1	2	2		3	2		26		4
33	HV	Zone substation switchgear	3 3/6 6/11/22kV CB (ground mounted)	No.			8			28	15				12	18	14				8	5			24	25	9	5		2	5			169		4
34	HV	Zone substation switchgear	3 3/6 6/11/22kV CB (pole mounted)	No.														8														1		9		4
35	HV	Zone Substation Transformers	Zone Substation Transformers	No.					9	5	7	3			1		8			7	5	4	5		1	1				2		–	–	26		4
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	6		853	483	386	242	170	10	23	34	79	63	135	37	52	53	59	37	16	29	45	39	28	29	12	8	4	11	7	2 920		3
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km																													–		[Select one]
38	HV	Distribution Line	SWER conductor	km					7																								7		4
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km			3	3	2	6	9	3	4	13	12	6	11	23	15	19	13	11	12	18	15	8	15	12	15	24	12	4	1	282		2
40	HV	Distribution Cable	Distribution UG PILC	km				9	42	28	23	2	1		0	1	0	0	0	0	0	0		0										164		2
41	HV	Distribution Cable	Distribution Submarine Cable	km																														–		[Select one]
42	HV	Distribution switchgear	3 3/6 6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.				1			2	1	2			5	2	2	1	1	1	1	1		3	4	1	2	1	5	2			61		4
43	HV	Distribution switchgear	3 3/6 6/11/22kV CB (indoor)	No.																													–		[Select one]
44	HV	Distribution switchgear	3 3/6 6/11/22kV Switches and fuses (pole mounted)	No.	3	1	493	509	445	355	369	40	57	91	172	179	185	116	169	168	254	217	183	182	269	171	153	235	596	153	212	237	–	6 847		2
45	HV	Distribution switchgear	3 3/6 6/11/22kV Switch (ground mounted) - except RMU	No.				1		2	1	1					1							1				1		3	4	2		23		3
46	HV	Distribution switchgear	3 3/6 6/11/22kV RMU	No.				8	59	35	34	2	12	11	9	12	16	13	12	16	6	4	4	11	23	16	28	13	7	5	–		421		3
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	9	29	435	439	591	419	511	52	111	133	141	111	75	139	151	109	227	93	77	119	79	166	129	92	69	105	42	33	–	4 917		2
48	HV	Distribution Transformer	Ground Mounted Transformer	No.		1	11	46	153	113	87	6	29	39	48	24	52	53	42	61	60	31	26	37	33	50	46	35	29	22	8		1 041		2
49	HV	Distribution Transformer	Voltage regulators	No.									2						4	10	11	2	5		8	6		4		2	4	2	–	68		4
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.																													–		[Select one]
51	LV	LV Line	LV OH Conductor	km	0		58	122	172	45	19	1	1	1	1	1	0	1	3	0	1	1	1	1	0	1	0	1	0	1	1	0	0	358		3
52	LV	LV Cable	LV UG Cable	km	0		0	11	73	69	67	4	9	6	5	9	9	8	8	8	8	5	5	3	3	3	3	2	3	5	5	2	2	351		3
53	LV	LV Street Lighting	LV OH/UG Streetlight circuit	km																													–		[Select one]
54	LV	Connections	OH/UG consumer service connections	No.								24 473	251	283	326	341	469	466	419	452	441	363	258	334	328	395	353	359	389	411	354	327		33 534		4
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.					11	6			12		22	17	19	1	9	8	18	129	36	58	95	7	85	23	7	6	4			451		3
56	All	SCADA and communications	SCADA and communications equipment operating as a single syst	Lot					5	12									1			5	66	25	9	16	16	11	19	15	6			276		3
57	All	Capacitor Banks	Capacitors including controls	No.															1	1	5		2											9		4
58	All	Load Control	Centralised plant	Lot				1	1						0		2												2			–		4
59	All	Load Control	Relays	No.																													–		2
60	All	Civils	Cable Tunnels	km																													–		[Select one]

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**
Network / Sub-network Name	**Not Applicable**

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				
10	**Circuit length by operating voltage (at year end)**	**Overhead (km)**	**Underground (km)**	**Total circuit length (km)**
11	> 66kV	0	0	0
12	50kV & 66kV	–	–	–
13	33kV	249	31	280
14	SWER (all SWER voltages)	–	7	7
15	22kV (other than SWER)	145	12	157
16	6.6kV to 11kV (inclusive—other than SWER)	2,755	415	3,170
17	Low voltage (< 1kV)	357	351	708
18	**Total circuit length (for supply)**	3,506	817	4,323
19				
20	Dedicated street lighting circuit length (km)	–	–	–
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			36
22				
23	**Overhead circuit length by terrain (at year end)**	**Circuit length (km)**	**(% of total overhead length)**	
24	Urban	307	9%	
25	Rural	3,103	89%	
26	Remote only	–	–	
27	Rugged only	96	3%	
28	Remote and rugged	–	–	
29	Unallocated overhead lines	–	–	
30	**Total overhead length**	3,506	100%	
31				
32		**Circuit length (km)**	**(% of total circuit length)**	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,757	41%	
34		**Circuit length (km)**	**(% of total overhead length)**	
35	Overhead circuit requiring vegetation management	624	18%	

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**

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 *	Number of ICPs served	Line charge revenue ($000)
8			
9	None		
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

26 ** 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 2020**
Network / Sub-network Name	**Not Applicable**

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

Number of ICPs connected in year by consumer type

	*Consumer types defined by EDB**	Number of connections (ICPs)
	Low Charge	14
	Low Uncontrolled	–
	015	295
	015 Uncontrolled	–
	360	23
	360 Uncontrolled	1
	Assessed	18
	TOU 400V	–
	TOU 11kV	–
	IND	–
	** include additional rows if needed*	
	Connections total	351

Distributed generation

Number of connections made in year	57	connections
Capacity of distributed generation installed in year	0.33	MVA

9e(ii): System Demand

		Demand at time of maximum coincident demand (MW)	
	Maximum coincident system demand		
	GXP demand	140	
plus	Distributed generation output at HV and above	–	
	Maximum coincident system demand	140	
less	Net transfers to (from) other EDBs at HV and above		
	Demand on system for supply to consumers' connection points	140	

		Energy (GWh)	
	Electricity volumes carried		
	Electricity supplied from GXPs	827	
less	Electricity exports to GXPs	15	
plus	Electricity supplied from distributed generation	28	
less	Net electricity supplied to (from) other EDBs	–	
	Electricity entering system for supply to consumers' connection points	841	
less	Total energy delivered to ICPs	808	
	Electricity losses (loss ratio)	33	3.9%
	Load factor	0.69	

9e(iii): Transformer Capacity

	(MVA)
Distribution transformer capacity (EDB owned)	584
Distribution transformer capacity (Non-EDB owned, estimated)	20
Total distribution transformer capacity	604
Zone substation transformer capacity	378

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**
Network / Sub-network Name	**Not Applicable**

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 the 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
10	Class A (planned interruptions by Transpower)	–
11	Class B (planned interruptions on the network)	303
12	Class C (unplanned interruptions on the network)	268
13	Class D (unplanned interruptions by Transpower)	–
14	Class E (unplanned interruptions of EDB owned generation)	–
15	Class F (unplanned interruptions of generation owned by others)	–
16	Class G (unplanned interruptions caused by another disclosing entity)	–
17	Class H (planned interruptions caused by another disclosing entity)	–
18	Class I (interruptions caused by parties not included above)	–
19	**Total**	571

Interruption restoration

		≤3Hrs	>3hrs
22	Class C interruptions restored within	190	78

SAIFI and SAIDI by class

		SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	–	–
26	Class B (planned interruptions on the network)	0.19	55.3
27	Class C (unplanned interruptions on the network)	0.74	98.9
28	Class D (unplanned interruptions by Transpower)	–	–
29	Class E (unplanned interruptions of EDB owned generation)	–	–
30	Class F (unplanned interruptions of generation owned by others)	–	–
31	Class G (unplanned interruptions caused by another disclosing entity)	–	–
32	Class H (planned interruptions caused by another disclosing entity)	–	–
33	Class I (interruptions caused by parties not included above)	–	–
34	**Total**	0.93	154.2

Normalised SAIFI and SAIDI

		Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	0.93	154.2

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2020**
Network / Sub-network Name	**Not Applicable**

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 the 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	SAIFI	SAIDI
Lightning	0.07	14.5
Vegetation	0.07	7.5
Adverse weather	0.15	28.1
Adverse environment	0.00	5.4
Third party interference	0.12	19.3
Wildlife	0.04	4.6
Human error	0.09	0.8
Defective equipment	0.10	9.7
Cause unknown	0.09	9.1

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.02	3.2
Subtransmission cables	0.00	0.0
Subtransmission other	0.00	0.0
Distribution lines (excluding LV)	0.13	19.7
Distribution cables (excluding LV)	0.01	1.3
Distribution other (excluding LV)	0.02	3.6

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.02	6.4
Subtransmission cables	–	–
Subtransmission other	0.05	0.6
Distribution lines (excluding LV)	0.63	81.9
Distribution cables (excluding LV)	0.03	3.3
Distribution other (excluding LV)	0.01	1.9

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	5	249	2.01
Subtransmission cables	–	31	–
Subtransmission other	1		
Distribution lines (excluding LV)	194	2,907	6.67
Distribution cables (excluding LV)	5	426	1.17
Distribution other (excluding LV)	63		
Total	268		

Company Name	Alpine Energy
For Year Ended	31 March 2020

Schedule 14 Mandatory Explanatory Notes

(Guidance Note: This Microsoft Word version of Schedules 14, 14a and 15 is from the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018. Clause references in this template are to that determination)

1. This schedule requires EDBs to provide explanatory notes to information provided in accordance with clauses 2.3.1, 2.4.21, 2.4.22, and subclauses 2.5.1(1)(f),and 2.5.2(1)(e).

2. This schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.1. Information provided in boxes 1 to 11 of this schedule is part of the audited disclosure information, and so is subject to the assurance requirements specified in section 2.8.

3. Schedule 15 (Voluntary Explanatory Notes to Schedules) provides for EDBs to give additional explanation of disclosed information should they elect to do so.

Return on Investment (Schedule 2)

4. In the box below, comment on return on investment as disclosed in Schedule 2. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 1: Explanatory comment on return on investment

Our 2020 ROI-comparable to a post-tax WACC is 11.66%, an increase from 7.85% last year. Our resulting ROI is 4.47% above the WACC rate used to set regulatory price path of 7.19%.

This is expected with the increase in revenue of $12.4m from 2019. The Commerce Commission granted Alpine a CPI+11% adjustment per year on revenue during DPP2 to recover un-earned revenue from previous periods. This, coupled with a change in billing processes from 1 April 2019 increased Alpine's revenue by $12m compared to 2019 .

Regulatory Profit (Schedule 3)

5. In the box below, comment on regulatory profit for the disclosure year as disclosed in Schedule 3. This comment must include-

   5.1 a description of material items included in other regulated income (other than gains / (losses) on asset disposals), as disclosed in 3(i) of Schedule 3

   5.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit

Our regulated income for 2020 is $78m which is an increase of $12m compared to regulated income for the previous year.

The Commerce Commission awarded Alpine a CPI+11% adjustment per year on revenue during DPP2 to recover un-earned revenue in previous periods.

No items were reclassified.

Merger and acquisition expenses (3(iv) of Schedule 3)

6. If the EDB incurred merger and acquisitions expenditure during the disclosure year, provide the following information in the box below-

   6.1 information on reclassified items in accordance with subclause 2.7.1(2)

   6.2 any other commentary on the benefits of the merger and acquisition expenditure to the EDB.

Box 3: Explanatory comment on merger and acquisition expenditure

Not applicable. Alpine Energy did not merge with nor acquire another regulated business.

Value of the Regulatory Asset Base (Schedule 4)

7. In the box below, comment on the value of the regulatory asset base (rolled forward) in Schedule 4. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 4: Explanatory comment on the value of the regulatory asset based (rolled forward)
Our RAB increased in value from $201M to $206M during the disclosure year.

For 2020 we had less assets commissioned than we had in 2019 ($12M in 2020 compared to $18M in 2019). Alpine invested in additional assets during the first four years of DPP2 to ensure that the network was maintained appropriately. This is evident by Alpine operating within its quality of supply (SAID/SAIFI) limits. During 2020, Alpine reduced expenditure to minimise any impact of overspending on its DPP2 allowances.

Major projects for the year included:

- Tara Hill overhead line replacement
- Unwin Hutt (Mount Cook)
- Substation at old man range
- School road, Fairlie overhead line

There were $65k non-network regulatory disposals during the year.

Alpine has continued to review the categorisation of RAB assets into Information Disclosure headings as part of a change to a new asset management system. This review has highlighted a small number of assets which required re-categorisation within the RAB. The reclassification of these assets has been disclosed within the asset category transfers in line 106 of schedule 4, and has no impact on the closing RAB value.

Lost and found assets in line 104 of schedule 4 refers to assets disposed in 2019 where there were no proceeds on the disposal. These assets have added into the RAB.

Regulatory tax allowance: disclosure of permanent differences (5a(i) of Schedule 5a)

8. In the box below, provide descriptions and workings of the material items recorded in the following asterisked categories of 5a(i) of Schedule 5a-

    8.1 Income not included in regulatory profit / (loss) before tax but taxable;

    8.2 Expenditure or loss in regulatory profit / (loss) before tax but not deductible;

    8.3 Income included in regulatory profit / (loss) before tax but not taxable;

    8.4 Expenditure or loss deductible but not in regulatory profit / (loss) before tax.

Box 5: Regulatory tax allowance: permanent differences

- Income not included in regulatory profit / (loss) before tax but taxable: nil
- Expenditure or loss in regulatory profit / (loss) before tax but not deductible:
  - Non-deductible Consultancy Fees $140,566
  - Non- deductible Entertainment $36,518
- Income included in regulatory profit / (loss) before tax but not taxable:
  - Revaluation of Investment Property was zero in 2020

Expenditure or loss deductible but not in regulatory profit / (loss) before tax: nil

Regulatory tax allowance: disclosure of temporary differences (5a(vi) of Schedule 5a)

9. In the box below, provide descriptions and workings of material items recorded in the asterisked category 'Tax effect of other temporary differences' in 5a(vi) of Schedule 5a.

Box 6: Tax effect of other temporary differences (current disclosure year)

- Closing 2020 temporary differences comprise:
  - Employee entitlements $208,506
  - ACC $4,700
  - Sponsorship $4,653
- Opening 2019 temporary differences comprise:
  - Employee entitlements $194,759
  - ACC $6,666
  - Sponsorship $8,416

Cost allocation (Schedule 5d)

10. In the box below, comment on cost allocation as disclosed in Schedule 5d. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 7: Cost allocation
This is the second year that Alpine applied cost allocations to their operating expenditure.

A proxy allocator was used based on the percentage revenue attributed to non-regulated businesses to regulated income. The value of costs totalling $322K (5.29%) was allocated to non-electricity distribution services.

Asset allocation (Schedule 5e)

11. In the box below, comment on asset allocation as disclosed in Schedule 5e. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 8: Commentary on asset allocation
This is the first year that Alpine has applied asset allocations to the regulatory asset base.

A proxy allocator was used based on a head count of staff utilising regulatory Land and Buildings in South Canterbury. The value amounted to $6,252K which was attributed to not directly attributable electricity distribution.

All other assets were allocated as directly attributable.

Capital Expenditure for the Disclosure Year (Schedule 6a)

12. In the box below, comment on expenditure on assets for the disclosure year, as disclosed in Schedule 6a. This comment must include-

    12.1 a description of the materiality threshold applied to identify material projects and programmes described in Schedule 6a;

    12.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 9: Explanation of capital expenditure for the disclosure year
Capital expenditure for this period was $13.2M in Schedule 6a, compared to $14.5M during 2019.

We do not apply a materiality threshold to identify material CAPEX projects and programmes. All of our CAPEX spend is given a project number within our accounting system, Technology One, against which forecast expenditure and actual expenditure is set. The materiality of our CAPEX projects is based on impact of the project on the network, resource availability, etc. not a monetary threshold.

No items have been reclassified during the period.

Operational Expenditure for the Disclosure Year (Schedule 6b)

13. In the box below, comment on operational expenditure for the disclosure year, as disclosed in Schedule 6b. This comment must include-

    13.1 Commentary on assets replaced or renewed with asset replacement and renewal operational expenditure, as reported in 6b(i) of Schedule 6b;

    13.2 Information on reclassified items in accordance with subclause 2.7.1(2);

    13.3 Commentary on any material atypical expenditure included in operational expenditure disclosed in Schedule 6b, a including the value of the expenditure the purpose of the expenditure, and the operational expenditure categories the expenditure relates to.

Box 10: Explanation of operational expenditure for the disclosure year

OPEX for this period is $21.3M (in Schedule 6b), compared to the OPEX spend in 2019 of $18.3M.

- **service interruptions and emergencies** $2.6M
- **vegetation management** $1M
- **routine and corrective maintenance and inspection** $3.4M
- **asset replacement and renewal** $432k
- **non-network** $13.9M

No items have been reclassified this period.

2020 Information Disclosure data was captured against activities in TechOne against tasks.

No material atypical expenditure occurred during this period.

Variance between forecast and actual expenditure (Schedule 7)

14. In the box below, comment on variance in actual to forecast expenditure for the disclosure year, as reported in Schedule 7. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 11: Explanatory comment on variance in actual to forecast expenditure

Revenue

Our actual revenue at $78.4M was $4.7M (or 6%) less than our target revenue of $83.1M. This result was predominately due to a wetter than average summer with reduced irrigation pumping load resulting in decreased energy usage.

Capital Expenditure

The forecast values reported in Schedule 7 are based on the Forecast at constant prices in Schedule 11 to 13 for 2019-2029.

Figure 1: Variance between the forecast CAPEX and actual CAPEX

7(ii): Expenditure on Assets	Forecast ($000) [2]	Actual ($000)	% variance
Consumer connection	2,000	4,626	131%
System growth	1,072	343	(68%)
Asset replacement and renewal	8,045	8,817	10%
Asset relocations	350	256	(27%)
Reliability, safety and environment:			
Quality of supply	626	–	(100%)
Legislative and regulatory	–	–	–
Other reliability, safety and environment	765	984	29%
Total reliability, safety and environment	1,391	984	(29%)
Expenditure on network assets	12,858	15,025	17%
Expenditure on non-network assets	2,842	1,026	(64%)
Expenditure on assets	15,700	16,051	2%

The variance for Expenditure on network assets is 17% or $2,167K and the variance on Expenditure on non-network assets is 64% or ($1,816k). This was due to increased Labour and Sub-contractor costs for network assets operational expenditure.

The overall expenditure is within expectations and has moved between the categories as we adapt to the changing priorities throughout the period.

Operational Expenditure

Figure 2: Variance in OPEX spending

7(iii): Operational Expenditure			
Service interruptions and emergencies	1,750	2,562	46%
Vegetation management	800	1,036	30%
Routine and corrective maintenance and inspection	2,700	3,426	27%
Asset replacement and renewal	700	432	(38%
Network opex	5,950	7,457	25%
System operations and network support	4,629	8,118	75%
Business support	9,183	5,768	(37%
Non-network opex	13,812	13,886	1%
Operational expenditure	19,762	21,343	8%

Again, the expenditure has moved between the categories due to change of priorities throughout the disclosure year.

There were no re-classified items for either OPEX or CAPEX

Information relating to revenues and quantities for the disclosure year

15. In the box below provide-

    15.1 a comparison of the target revenue disclosed before the start of the disclosure year, in accordance with clause 2.4.1 and subclause 2.4.3(3) to total billed line charge revenue for the disclosure year, as disclosed in Schedule 8; and

    15.2 explanatory comment on reasons for any material differences between target revenue and total billed line charge revenue.

Box 12: Explanatory comment relating to revenue for the disclosure year
Actual line charge revenue 6% below budget due to weather and irrigation consumption being less than expected.

Network Reliability for the Disclosure Year (Schedule 10)

16. In the box below, comment on network reliability for the disclosure year, as disclosed in Schedule 10.

Box 13: Commentary on network reliability for the disclosure year
Alpine Energy's SAIDI performance (class B + class C) was 154.2 SAIDI minutes, which was on the target of 154.2 SAIDI.

It is important to note that:

(i) the difference between the target and actual does not amount to the SAIDI limit under Default Price Quality Path (DPP)

(ii) the normalisation methodology used here is as per the Input Methodologies and is inconsistent with the methodology employed in DPP.

Our SAIFI performance (class B + class C) was 0.93 SAIFI interruptions, interruptions were on target to the SAIFI limit.

Insurance cover

17. In the box below, provide details of any insurance cover for the assets used to provide electricity distribution services, including-

    17.1 The EDB's approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;

17.2 In respect of any self-insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

Box 14: Explanation of insurance cover

Alpine insure our vehicles and buildings (including substations) and have public liability insurance. We do not insure our network, for example poles and lines as the premiums are prohibitive and do not self-insure.

Amendments to previously disclosed information

18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause 2.12.1 in the last 7 years, including:

18.1 a description of each error; and

18.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 15: Disclosure of amendment to previously disclosed information

There were no amendments to previously disclosed information during the 2019/20 Disclosure year.

The published IDs can be found at http://www.alpineenergy.co.nz/disclosures

Company Name Alpine Energy

For Year Ended 31 March 2020

Schedule 14a Mandatory Explanatory Notes on Forecast Information

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018.)

1. This Schedule requires EDBs to provide explanatory notes to reports prepared in accordance with clause 2.6.6.

2. This Schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.2. This information is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.

Commentary on difference between nominal and constant price capital expenditure forecasts (Schedule 11a)

3. In the box below, comment on the difference between nominal and constant price capital expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11a.

Box 1: Commentary on difference between nominal and constant price capital expenditure forecasts
To derive the capital expenditure in nominal dollar terms the constant price forecasts were inflated by approximately 2% per annum, on a straight-line basis, to derive the 10–year forecast. 2% was selected as a conservative inflationary rate based on New Zealand Treasury 10-year outlook. Therefore the difference between nominal and constant expenditure forecasts is an inflationary impact of 2% per year.

Commentary on difference between nominal and constant price operational expenditure forecasts (Schedule 11b)

4. In the box below, comment on the difference between nominal and constant price operational expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11b.

Box 2: Commentary on difference between nominal and constant price operational expenditure forecasts
To derive the operational expenditure in nominal dollar terms the constant price forecasts were deflated by approximately 2% per annum, on a straight-line basis, to derive the 10–year forecast. The expenditure is reducing to reflect the expected efficiency gains per annum that will be found by improvements to our processes and practices. We expect to share these benefits with customers by reducing our operating expenditure, in real terms, over the next 10 years. Therefore the difference between nominal and constant operational expenditure forecasts is a reduction of 2% per year.

Company Name Alpine Energy

For Year Ended 31 march 2020

Schedule 15 Voluntary Explanatory Notes

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018.)

1. This schedule enables EDBs to provide, should they wish to-

   1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1 and 2.5.2;

   1.2 information on any substantial changes to information disclosed in relation to a prior disclosure year, as a result of final wash-ups.

2. Information in this schedule is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.

3. Provide additional explanatory comment in the box below.

Box 1: Voluntary explanatory comment on disclosed information

We have a significantly higher level of confidence in the figures reported in 2020 than we have had at previous reported years. This is due to the implementation of Technology One in 2017 and continued data cleansing to derive schedules 9a and 9b. This relates specifically to the quality of information rather than the physical change of assets.

Network reliability is compliant with quality requirements under the default price-quality path, however there are inherent limitations in the ability of Alpine Energy to collect and record the network reliability information required to be disclosed in Schedule 10(i) to 10(iv). Consequently there is no independent evidence available to support the accuracy of recorded faults and control over the accuracy of installation control point ('ICP') data included in the SAIDI and SAIFI calculations is limited throughout the year.

Company Name	Alpine Energy Limited
For Year Ended	31 March 2020

SCHEDULE 5f: REPORT SUPPORTING COST ALLOCATIONS

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5d

sch ref

					Allocator Metric (%)		Value allocated ($000)				
	Line Item*	Allocation methodology type	Cost allocator	Allocator type	Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase ($000)
11	**Service interruptions and emergencies**										
12										-	
13										-	
14										-	
15										-	
16	**Not directly attributable**						-	-	-	-	-
17	**Vegetation management**										
18										-	
19										-	
20										-	
21										-	
22	**Not directly attributable**						-	-	-	-	-
23	**Routine and corrective maintenance and inspection**										
24										-	
25										-	
26										-	
27										-	
28	**Not directly attributable**						-	-	-	-	-
29	**Asset replacement and renewal**										
30										-	
31										-	
32										-	
33										-	
34	**Not directly attributable**						-	-	-	-	-
35											

36	**System operations and network support**											
37											-	
38											-	
39											-	
40											-	
41	**Not directly attributable**						-	-	-	-	-	
42	**Business support**											
43		Business Support Costs	ABAA	Employee Time	Proxy	94.71%	5.29%		5,768	322	6,090	
44											-	
45											-	
46											-	
47	**Not directly attributable**							-	5,768	322	6,090	-
48												
49	**Operating costs not directly attributable**							-	5,768	322	6,090	-
50												
51	**Pass through and recoverable costs**											
52	**Pass through costs**											
53											-	
54											-	
55											-	
56											-	
57	**Not directly attributable**							-	-	-	-	-
58	**Recoverable costs**											
59											-	
60											-	
61											-	
62											-	
63	**Not directly attributable**							-	-	-	-	-
64	** include additional rows if needed*											

consistent with S5d cells J12 to N12

consistent with S5d cells J16 to N16

consistent with S5d cells J20 to N20

consistent with S5d cells J24 to N24

consistent with S5d cells J28 to N28

consistent with S5d cells J32 to N32

consistent with S5d cells J36 to N36

Electricity distribution services not directly attributable total (L58) - consistent with S5d cell K43

Electricity distribution services not directly attributable total (L64) - consistent with S5d cell K47

Company Name	Alpine Energy Limited
For Year Ended	31 March 2019

SCHEDULE 5g: REPORT SUPPORTING ASSET ALLOCATIONS

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5e (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref	Line Item*	Allocation methodology type	Allocator	Allocator type	Allocator Metric (%)		Value allocated ($000)				OVABAA allocation increase ($000)
					Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	
11	**Subtransmission lines**										
12										-	
13										-	
14										-	
15										-	
16	Not directly attributable						-	-	-	-	-
17	**Subtransmission cables**										
18										-	
19										-	
20										-	
21										-	
22	Not directly attributable						-	-	-	-	-
23	**Zone substations**										
24										-	
25										-	
26										-	
27										-	
28	Not directly attributable						-	-	-	-	-
29	**Distribution and LV lines**										
30										-	
31										-	
32										-	
33										-	
34	Not directly attributable						-	-	-	-	-

Company Name	Alpine Energy Limited
For Year Ended	31 March 2019

SCHEDULE 5g: REPORT SUPPORTING ASSET ALLOCATIONS

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5e (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref												
35	**Distribution and LV cables**											
36											-	
37											-	
38											-	
39											-	
40	**Not directly attributable**						-	-	-	-	-	
41												
42	**Distribution substations and transformers**											
43											-	
44											-	
45											-	
46											-	
47	**Not directly attributable**						-	-	-	-	-	
48												
49	**Distribution switchgear**											
50											-	
51											-	
52											-	
53											-	
54	**Not directly attributable**						-	-	-	-	-	
55	**Other network assets**											
56											-	
57											-	
58											-	
59											-	
60	**Not directly attributable**						-	-	-	-	-	
61	**Non-network assets**											
62	Land and Buildings	ABAA	Headcount	Proxy	46.58%	53.42%		5,452	6,252	11,704		
63										-		
64										-		
65										-		
66	**Not directly attributable**						-	5,452	6,252	11,704	-	
67												
68	**Regulated service asset value not directly attributable**						-	5,452	6,252	11,704	-	
69	** include additional rows if needed*											