EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10

Company Name	Alpine Energy Limitied
Disclosure Date	30 November 2023
Disclosure Year (year ended)	31 March 2014

Templates for Schedules 1–10
Template Version 3.0. Prepared 14 April 2014

Table of Contents

Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by EDBs when making disclosures under subclauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012. Disclosures must be made available to the public within 5 months after the end of the disclosure year and a copy provided to the Commission within 5 working days of being disclosed to the public.

Version 3.0 templates

These templates correct formula errors contained in previous versions of the templates. A list of the formula corrections can be found in the ID issues register under "Excel Template Issues - v2.X (2013)" in the category column. We have included additional guidance for schedules 2, 4 and 5a indicating where information for certain rows are expected to be sourced from.

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. Under no circumstances should the formulas in a calculated cell be overwritten.

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 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 P30 will change colour if P30 (overhead circuit length by terrain) does not equal P18 (overhead circuit length by operating voltage).

Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

Inserting Additional Rows and Columns

The templates for schedules 4, 5b, 5c, 5d, 5e, 5i, 6a, 8, 9d, and 9e may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar.

Additional rows in schedules 5c, 5i, 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 76 and 79 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 67:74, copy, select Excel row 76, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 70:77, 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 1 October 2012). They provide a common reference between the rows in the determination and the template. Due to page formatting, the row reference sequences contained in the determination schedules are not necessarily contiguous.

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

Changes to disclosure year 2013

Clause 2.12 of the Electricity Distribution ID Determination 2012 does not apply for disclosure years 2014 and onwards. EDBs do not need to complete transitional schedules 5h and 5i. These schedules have been excluded from this version of the templates.
All schedules in this workbook must now be completed in full and publicly disclosed.

Schedule 2: Report on Return on Investment

The ROI calculations are performed in this template.
All suppliers must complete tables 2(i) Return on Investment and 2(ii) Information Supporting the ROI.
Only suppliers who meet either of the two thresholds set out in subclause 2.3.3 of the Electricity Distribution Information Disclosure Determination 2012 need to complete table 2(iii) Information Supporting the Monthly ROI. We expect that most suppliers will generally not meet either threshold. You will need to work out if you met either threshold using your own tools (e.g. Excel) and do not need to disclosure these calculations. If you met either threshold you will need to provide a breakdown of five cash flow items on a month by month basis, as well as your opening revenue related working capital. The definitions for these items are the same as for the rest of the schedules. The values for assets commissioned and asset disposals should relate to the RAB (not the unallocated RAB).
The Excel worksheet uses several calculated cells beyond the rightmost edge of the template to calculate the monthly

The prior year comparison information in the table 2(i) columns labelled CY-1 and CY-2 should be completed by copying the results from the previous year's disclosure.

Schedule 8: Report on Billed Quantities and Line Charge Revenues

This template should be completed in respect of each consumer groups or price category code (as applicable) that applied in the relevant disclosure year. The 'Average number of ICPs in disclosure year' column entries should be the arithmetic mean of monthly total ICPs (at month end).

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

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.

sch ref

7 **1(i): Expenditure metrics**

sch ref			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)
8							
9	**Operational expenditure**		21,332	486	120,145	3,684	36,709
10	Network		8,231	188	46,360	1,422	14,165
11	Non-network		13,101	299	73,784	2,263	22,544
12							
13	**Expenditure on assets**	*	26,935	614	151,702	4,652	46,351
14	Network	*	25,164	573	141,724	4,346	43,303
15	Non-network		1,772	40	9,978	306	3,049
16							

17 **1(ii): Revenue metrics**

sch ref		Revenue per GWh energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
18			
19	**Total consumer line charge revenue**	59,174	1,349
20	Standard consumer line charge revenue	72,819	1,232
21	Non-standard consumer line charge revenue	19,868	916,301
22			

23 **1(iii): Service intensity measures**

sch ref			
24			
25	Demand density	31	*Maximum coincident system demand per km circuit length (for supply) (kW/km)*
26	Volume density	173	*Total energy delivered to ICPs per km circuit length (for supply) (MWh/km)*
27	Connection point density	8	*Average number of ICPs per km circuit length (for supply) (ICPs/km)*
28	Energy intensity	22,790	*Total energy delivered to ICPs per Average number of ICPs (kWh/ICP)*
29			
30			

31 **1(iv): Composition of regulatory income**

sch ref		($000)	% of revenue
32			
33	Operational expenditure	15,272	36.17%
34	Pass-through and recoverable costs	12,953	30.68%
35	Total depreciation	7,197	17.05%
36	Total revaluation	2,347	5.56%
37	Regulatory tax allowance	1,735	4.11%
38	Regulatory profit/loss	7,410	17.55%
39	**Total regulatory income**	42,221	
40			

41 **1(v): Reliability**

sch ref		Interruptions per 100 circuit km
42		
43	Interruption rate	10.08

Company Name **Alpine Energy Limited**
For Year Ended **31 March 2014**

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				
7	**2(i): Return on Investment**	**CY-2**	**CY-1**	**Current Year CY**
8		**31 Mar 12**	**31 Mar 13**	**31 Mar 14**
9	**Post tax WACC**	**%**	**%**	**%**
10	**ROI—comparable to a post tax WACC**	2.42%	2.33%	3.30%
11				
12	**Mid-point estimate of post tax WACC**	6.40%	5.85%	5.43%
13	25th percentile estimate	5.68%	5.13%	4.71%
14	75th percentile estimate	7.11%	6.56%	6.14%
15				
16				
17	**Vanilla WACC**			
18	**ROI—comparable to a vanilla WACC**	3.25%	3.11%	3.99%
19				
20	**Mid-point estimate of vanilla WACC**	7.22%	6.62%	6.11%
21	25th percentile estimate	6.51%	5.91%	5.39%
22	75th percentile estimate	7.94%	7.34%	6.83%
23				
24	**2(ii): Information Supporting the ROI**		**($000)**	
25				
26	Total opening RAB value	153,233		
27	*plus* Opening deferred tax	(518)		
28	Opening RIV		152,715	
29				
30	Operating surplus / (deficit)	13,996		
31	*less* Regulatory tax allowance	1,735		
32	*less* Assets commissioned	11,152		
33	*plus* Asset disposals	168		
34	**Notional net cash flows**		1,277	
35				
36	Total closing RAB value	159,366		
37	*less* Adjustment resulting from asset allocation	-		
38	*less* Lost and found assets adjustment	-		
39	*plus* Closing deferred tax	(1,863)		
40	**Closing RIV**		157,503	
41				
42	**ROI—comparable to a vanilla WACC**		3.99%	
43				
44	Leverage (%)		44%	
45	Cost of debt assumption (%)		5.56%	
46	Corporate tax rate (%)		28%	
47				
48	**ROI—comparable to a post tax WACC**		3.30%	

Company Name **Alpine Energy Limitied**
For Year Ended **31 March 2014**

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							
56	**2(iii): Information Supporting the Monthly ROI**						
57							
58	**Cash flows**			**($000)**			
59		**Total regulatory income**	**Expenses**	**Tax payments**	**Assets commissioned**	**Asset disposals**	**Notional net cash flows**
60	April	3,586	2,045	102	289	-	1,150
61	May	3,673	2,275	94	318	-	986
62	June	3,158	2,506	37	1,409	28	(767)
63	July	3,217	2,374	46	1,160	28	(335)
64	August	3,517	2,288	86	69	86	1,160
65	September	3,535	3,142	15	25	28	381
66	October	3,505	2,483	65	255	-	703
67	November	3,268	2,432	44	866	-	(74)
68	December	3,426	1,694	114	518	-	1,101
69	January	3,914	2,204	119	418	-	1,173
70	February	3,636	2,277	83	4,351	-	(3,075)
71	March	3,785	2,504	334	1,475	-	(528)
72	**Total**	42,221	28,225	1,139	11,152	168	1,874
73							
74		**Opening / closing RAB**	**Adjustment resulting from asset allocation**	**Lost and found assets adjustment**	**Opening / closing deferred tax**	**Revenue related working capital**	**Total**
75	Monthly ROI - opening RIV	153,233			(518)	3,636	156,351
76							
77	Monthly ROI -closing RIV	159,366	-	-	(1,863)	3,785	161,288
78	Monthly ROI -closing RIV less term credit spread differential allowance						161,288
79	**Monthly ROI—comparable to a vanilla WACC**						4.42%
80							
81	**Monthly ROI—comparable to a post-tax WACC**						3.74%
82							
83	**2(iv): Year-End ROI Rates for Comparison Purposes**						
84							
85	**Year-end ROI—comparable to a vanilla WACC**						4.68%
86							
87	**Year-end ROI—comparable to a post-tax WACC**						4.00%
88							
89	** 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.*						

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

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 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).
Non-exempt EDBs must also complete sections 3(ii) and 3(iii).
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		42,362
10	*plus*	Gains / (losses) on asset disposals		(168)
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)		27
12				
13		**Total regulatory income**		42,221
14		**Expenses**		
15	*less*	Operational expenditure		15,272
17	*less*	Pass-through and recoverable costs		12,953
18				
19		**Operating surplus / (deficit)**		13,996
20				
21	*less*	Total depreciation		7,197
22				
23	*plus*	Total revaluation		2,347
24				
25		**Regulatory profit / (loss) before tax & term credit spread differential allowance**		9,146
26				
27	*less*	Term credit spread differential allowance		-
28				
29		**Regulatory profit / (loss) before tax**		9,146
30				
31	*less*	Regulatory tax allowance		1,735
32				
33		**Regulatory profit / (loss)**		7,410
34				
35		**3(ii): Pass-Through and Recoverable Costs**		**($000)**
36		**Pass-through costs**		
37		Rates	59	
38		Commerce Act levies	87	
		Electricity Authority levies	106	
40		Other specified pass-through costs	-	
41		**Recoverable costs**		
42		Net recoverable costs allowed under incremental rolling incentive scheme	-	
43		Non-exempt EDB electricity lines service charge payable to Transpower	12,298	
44		Transpower new investment contract charges	404	
45		System operator services	-	
46		Avoided transmission charge	-	
47		Input Methodology claw-back	-	
48		Recoverable customised price-quality path costs	-	
49		**Pass-through and recoverable costs**		12,953

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

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 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).
Non-exempt EDBs must also complete sections 3(ii) and 3(iii).
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

57	**3(iii): Incremental Rolling Incentive Scheme**			**($000)**
58			**CY-1**	**CY**
59			**31 March 2013**	**31 March 2014**
60	Allowed controllable opex			
61	Actual controllable opex			
62				
63	Incremental change in year			
64				
65			**Previous years' incremental change**	**Previous years' incremental change adjusted for inflation**
66	CY-5	31 Mar 09		
67	CY-4	31 Mar 10		
68	CY-3	31 Mar 11		
69	CY-2	31 Mar 12		
70	CY-1	31 Mar 13		
71	**Net incremental rolling incentive scheme**			-
72				
73	**Net recoverable costs allowed under incremental rolling incentive scheme**			-
74	**3(iv): Merger and Acquisition Expenditure**			
75	Merger and acquisition expenses			
76				
77	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)			
78	**3(v): Other Disclosures**			
79	Self-insurance allowance		-	

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2014**

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			31 March 2010	31 March 2011	31 March 2012	31 March 2013	31 March 2014
7	**4(i): Regulatory Asset Base Value (Rolled Forward)**		**RAB**	**RAB**	**RAB**	**RAB**	**RAB**
8		for year ended	**31 Mar 10**	**31 Mar 11**	**31 Mar 12**	**31 Mar 13**	**31 Mar 14**
9			**($000)**	**($000)**	**($000)**	**($000)**	**($000)**
10	**Total opening RAB value**		127,658	126,136	130,854	131,651	153,233
11							
12	*less* **Total depreciation**		10,172	8,318	8,949	8,059	7,197
13							
14	*plus* **Total revaluations**		2,604	3,044	2,052	1,126	2,347
15							
16	*plus* **Assets commissioned**		6,457	10,258	7,907	29,132	11,152
17							
18	*less* **Asset disposals**		411	267	213	617	168
19							
20	*plus* **Lost and found assets adjustment**		-	-	-	-	-
21							
22	*plus* **Adjustment resulting from asset allocation**		-	-	-	-	-
23							
24	**Total closing RAB value**		126,136	130,854	131,651	153,233	159,366
25							

sch ref	**4(ii): Unallocated Regulatory Asset Base**	**Unallocated RAB ***		**RAB**	
28		**($000)**	**($000)**	**($000)**	**($000)**
29	**Total opening RAB value**		153,233		153,233
30	*less*				
31	**Total depreciation**		7,197		7,197
32	*plus*				
33	**Total revaluations**		2,347		2,347
34	*plus*				
35	Assets commissioned (other than below)	834		834	
36	Assets acquired from a regulated supplier	-		-	
37	Assets acquired from a related party	10,317		10,317	
38	**Assets commissioned**		11,152		11,152
39	*less*				
40	Asset disposals (other than below)	168		168	
41	Asset disposals to a regulated supplier	-		-	
42	Asset disposals to a related party	-		-	
43	**Asset disposals**		168		168
44					
45	*plus* **Lost and found assets adjustment**		-		-
46					
47	*plus* **Adjustment resulting from asset allocation**				-
48					
49	**Total closing RAB value**		159,366		159,366

** 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 non-regulated services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.*

50

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2014**

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			31 March 2010	31 March 2011	31 March 2012	31 March 2013	31 March 2014
58		**4(iii): Calculation of Revaluation Rate and Revaluation of Assets**					
59							
60		CPI_4					1,192
61		CPI_4^{-4}					1,174
62		Revaluation rate (%)					1.53%
63							
64				**Unallocated RAB ***		**RAB**	
65				**($000)**	**($000)**	**($000)**	**($000)**
66		Total opening RAB value		153,233		153,233	
67	*less*	Opening RAB value of fully depreciated, disposed and lost assets		168		168	
68							
69		Total opening RAB value subject to revaluation		153,065		153,065	
70		**Total revaluations**			2,347		2,347
71							
72		**4(iv): Roll Forward of Works Under Construction**					
73				**Unallocated works under construction**		**Allocated works under construction**	
74		**Works under construction—preceding disclosure year**			4,045		4,045
75	*plus*	Capital expenditure		14,229		14,229	
76	*less*	Assets commissioned		11,152		11,152	
77	*plus*	Adjustment resulting from asset allocation				-	
78		**Works under construction - current disclosure year**			7,122		7,122
79							
80		Highest rate of capitalised finance applied					-

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2014**

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 — 31 March 2010 | 31 March 2011 | 31 March 2012 | 31 March 2013 | 31 March 2014

88 ## 4(v): Regulatory Depreciation

sch ref		Unallocated RAB *		RAB	
90		($000)	($000)	($000)	($000)
91	Depreciation - standard	6,843		6,843	
92	Depreciation - no standard life assets	354		354	
93	Depreciation - modified life assets	-		-	
94	Depreciation - alternative depreciation in accordance with CPP	-		-	
95	**Total depreciation**		7,197		7,197
96					

97 ## 4(vi): Disclosure of Changes to Depreciation Profiles

($000 unless otherwise specified)

sch ref	**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**
99					
100					
101					
102					
103					
104					
105					
106					

** include additional rows if needed*

107 ## 4(vii): Disclosure by Asset Category

108 **($000 unless otherwise specified)**

sch ref		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
110	**Total opening RAB value**	8,401	609	25,857	41,018	45,573	22,710	3,951	4,354	760	153,233
111	*less* Total depreciation	430	20	1,414	1,773	1,282	964	666	294	354	7,197
112	*plus* Total revaluations	129	9	387	648	699	346	53	65	11	2,347
113	*plus* Assets commissioned	3,545	4	2,654	1,947	490	361	650	232	1,268	11,152
114	*less* Asset disposals	-	-	58	-	-	-	-	110	-	168
115	*plus* Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
116	*plus* Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	-	-
117	*plus* Asset category transfers	-	-	-	-	-	-	-	-	-	-
118	**Total closing RAB value**	11,644	602	27,425	41,840	45,480	22,453	3,989	4,247	1,685	159,366
119											
120	**Asset Life**										
121	Weighted average remaining asset life	36	31	35	29	41	27	34	23	9	(years)
122	Weighted average expected total asset life	51	45	44	53	55	45	45	36	11	(years)

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2014**

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 2.8.

sch ref					
7	**5a(i): Regulatory Tax Allowance**				**($000)**
8		**Regulatory profit / (loss) before tax**			9,146
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	6	*	
12		Amortisation of initial differences in asset values	2,689		
13		Amortisation of revaluations	422		
14					3,117
15					
16	*less*	Income included in regulatory profit / (loss) before tax but not taxable	2,329	*	
17		Discretionary discounts and consumer rebates	-		
18		Expenditure or loss deductible but not in regulatory profit / (loss) before tax**	-	*	
19		Notional deductible interest	3,736		
20					6,065
21					
22		**Regulatory taxable income**			6,198
23					
24	*less*	Utilised tax losses	-		
25		Regulatory net taxable income			6,198
26					
27		Corporate tax rate (%)	28%		
28		**Regulatory tax allowance**			1,735
29					
30		* Workings to be provided in Schedule 14			
31		** Excluding discretionary discounts and consumer rebates			
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	58,312		
37		Amortisation of initial differences in asset values	2,689		
38		Adjustment for unamortised initial differences in assets acquired	-		
39		Adjustment for unamortised initial differences in assets disposed	(464)		
40		Closing unamortised initial differences in asset values			56,087
41					
42		Opening weighted average remaining asset life (years)			21.7
43	**5a(iv): Amortisation of Revaluations**				**($000)**
44					
45		Opening Sum of RAB values without revaluations	145,851		
46					
47		Adjusted depreciation	6,775		
48		Total depreciation	7,197		
49		Amortisation of revaluations			422

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

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 2.8.

sch ref				
57	**5a(v): Reconciliation of Tax Losses**			**($000)**
58				
59		**Opening tax losses**	-	
60	*plus*	Current period tax losses	-	
61	*less*	Utilised tax losses	-	
62		**Closing tax losses**		-
63	**5a(vi): Calculation of Deferred Tax Balance**			**($000)**
64				
65		**Opening deferred tax**	(518)	
66				
67	*plus*	Tax effect of adjusted depreciation	1,897	
68				
69	*less*	Tax effect of total tax depreciation	2,413	
70				
71	*plus*	Tax effect of other temporary differences*	10	
72				
73	*less*	Tax effect of amortisation of initial differences in asset values	753	
74				
75	*plus*	Deferred tax balance relating to assets acquired in the disclosure year	-	
76				
77	*less*	Deferred tax balance relating to assets disposed in the disclosure year	87	
78				
79	*plus*	Deferred tax cost allocation adjustment	-	
80				
81		**Closing deferred tax**		(1,863)
82				
83	**5a(vii): Disclosure of Temporary Differences**			
84		In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).		
85				
86	**5a(viii): Regulatory Tax Asset Base Roll-Forward**			
87				**($000)**
88		**Opening sum of regulatory tax asset values**	86,577	
89	*less*	Tax depreciation	8,618	
90	*plus*	Regulatory tax asset value of assets commissioned	11,152	
91	*less*	Regulatory tax asset value of asset disposals	168	
92	*plus*	Lost and found assets adjustment	-	
93	*plus*	Other adjustments to the RAB tax value	-	
94		**Closing sum of regulatory tax asset values**		88,942

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID 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

sch ref	5b(i): Summary—Related Party Transactions	($000)
8	Total regulatory income	-
9	Operational expenditure	6,511
10	Capital expenditure	12,040
11	Market value of asset disposals	-
12	Other related party transactions	-

7 **5b(i): Summary—Related Party Transactions**

13 **5b(ii): Entities Involved in Related Party Transactions**

sch ref	Name of related party	Related party relationship
15	Netcon Ltd	Wholly owned subsidiary and contractor
16		
17		
18		
19		

20 ** include additional rows if needed*

21 **5b(iii): Related Party Transactions**

sch ref	Name of related party	Related party transaction type	Description of transaction	Value of transaction ($000)	Basis for determining value
23	Netcon Ltd	Opex	Maintenance of Assets	6,511	Netcon Charge Labour and Plant at market Values with materials having a markup of 15%
24	Netcon Ltd	Capex	Subtransmission assets	289	
25	Netcon Ltd	Capex	Zone Substations	6,403	
26	Netcon Ltd	Capex	Distribution and LV Lines	1,334	
27	Netcon Ltd	Capex	Distribution and LV Cables	3,345	
28	Netcon Ltd	Capex	Distribution Substations and Transformers	77	
29	Netcon Ltd	Capex	Distribution Switchgear	294	
30	Netcon Ltd	Capex	Other System Fixed Assets (as per the ODV Handbook)	-	
31	Netcon Ltd	Capex	WIP	298	
32					
33					
34					
35					
36					
37					

** include additional rows if needed*

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

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

7

8 ### 5c(i): Qualifying Debt (may be Commission only)

9

sch ref	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	Cost of executing an interest rate swap	Debt issue cost readjustment
11										
12										
13										
14										
15										
16	** include additional rows if needed*						-	-	-	-

17

18 ### 5c(ii): Attribution of Term Credit Spread Differential

sch ref			
19			
20	**Gross term credit spread differential**		-
21			
22	Total book value of interest bearing debt		
23	Leverage	44%	
24	Average opening and closing RAB values		
25	**Attribution Rate (%)**		-
26			
27	**Term credit spread differential allowance**		-

Company Name	Alpine Energy Limited
For Year Ended	31 March 2014

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

sch ref		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase ($000s)
8			Value allocated ($000s)			
10	**Service interruptions and emergencies**					
11	Directly attributable		1,979			
12	Not directly attributable	-	-	-	-	-
13	**Total attributable to regulated service**		1,979			
14	**Vegetation management**					
15	Directly attributable		110			
16	Not directly attributable	-	-	-	-	-
17	**Total attributable to regulated service**		110			
18	**Routine and corrective maintenance and inspection**					
19	Directly attributable		3,232			
20	Not directly attributable	-	-	-	-	-
21	**Total attributable to regulated service**		3,232			
22	**Asset replacement and renewal**					
23	Directly attributable		572			
24	Not directly attributable	-	-	-	-	-
25	**Total attributable to regulated service**		572			
26	**System operations and network support**					
27	Directly attributable		4,978			
28	Not directly attributable	-	-	-	-	-
29	**Total attributable to regulated service**		4,978			
30	**Business support**					
31	Directly attributable		4,401			
32	Not directly attributable	-	-	-	-	-
33	**Total attributable to regulated service**		4,401			
34						
35	**Operating costs directly attributable**		15,272			
36	**Operating costs not directly attributable**	-	-	-	-	-
37	**Operating expenditure**		15,272			

5d(ii): Other Cost Allocations

sch ref		Value
46	**Pass through and recoverable costs**	
47	**Pass through costs**	
48	Directly attributable	251
49	Not directly attributable	-
50	**Total attributable to regulated service**	251
51	**Recoverable costs**	
52	Directly attributable	12,702
53	Not directly attributable	-
54	**Total attributable to regulated service**	12,702
55		

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

($000)

sch ref				CY-1	Current Year (CY)
57				CY-1	Current Year (CY)
58	**Change in cost allocation 1**			31 Mar 13	31 Mar 14
59	Cost category		Original allocation		
60	Original allocator or line items		New allocation		
61	New allocator or line items		Difference	-	-
62					
63	Rationale for change				
64					
65				CY-1	Current Year (CY)
66	**Change in cost allocation 2**			31 Mar 13	31 Mar 14
67	Cost category		Original allocation		
68	Original allocator or line items		New allocation		
69	New allocator or line items		Difference	-	-
70					
71	Rationale for change				
72					
73				CY-1	Current Year (CY)
74	**Change in cost allocation 3**			31 Mar 13	31 Mar 14
75	Cost category		Original allocation		
76	Original allocator or line items		New allocation		
77	New allocator or line items		Difference	-	-
78					
79	Rationale for change				
80					

** 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 2014**

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

sch ref		Value allocated ($000s) Electricity distribution services
7	**5e(i):Regulated Service Asset Values**	
8		**Value allocated ($000s)**
9		**Electricity distribution services**
10	**Subtransmission lines**	
11	Directly attributable	11,644
12	Not directly attributable	-
13	**Total attributable to regulated service**	11,644
14	**Subtransmission cables**	
15	Directly attributable	602
16	Not directly attributable	-
17	**Total attributable to regulated service**	602
18	**Zone substations**	
19	Directly attributable	27,425
20	Not directly attributable	-
21	**Total attributable to regulated service**	27,425
22	**Distribution and LV lines**	
23	Directly attributable	41,840
24	Not directly attributable	-
25	**Total attributable to regulated service**	41,840
26	**Distribution and LV cables**	
27	Directly attributable	45,480
28	Not directly attributable	-
29	**Total attributable to regulated service**	45,480
30	**Distribution substations and transformers**	
31	Directly attributable	22,453
32	Not directly attributable	-
33	**Total attributable to regulated service**	22,453
34	**Distribution switchgear**	
35	Directly attributable	3,989
36	Not directly attributable	-
37	**Total attributable to regulated service**	3,989
38	**Other network assets**	
39	Directly attributable	4,247
40	Not directly attributable	-
41	**Total attributable to regulated service**	4,247
42	**Non-network assets**	
43	Directly attributable	1,685
44	Not directly attributable	-
45	**Total attributable to regulated service**	1,685
46		
47	**Regulated service asset value directly attributable**	159,366
48	**Regulated service asset value not directly attributable**	-
49	**Total closing RAB value**	159,366

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

sch ref				($000) CY-1 31 Mar 13	Current Year (CY) 31 Mar 14
57	**5e(ii): Changes in Asset Allocations* †**			**($000)**	
58				**CY-1**	**Current Year (CY)**
59				**31 Mar 13**	**31 Mar 14**
60	**Change in asset value allocation 1**				
61	Asset category		Original allocation		
62	Original allocator or line items		New allocation		
63	New allocator or line items		Difference	-	-
64					
65	Rationale for change				
66					
67				**CY-1**	**Current Year (CY)**
68	**Change in asset value allocation 2**			**31 Mar 13**	**31 Mar 14**
69	Asset category		Original allocation		
70	Original allocator or line items		New allocation		
71	New allocator or line items		Difference	-	-
72					
73	Rationale for change				
74					
75					
76				**CY-1**	**Current Year (CY)**
77	**Change in asset value allocation 3**			**31 Mar 13**	**31 Mar 14**
78	Asset category		Original allocation		
79	Original allocator or line items		New allocation		
80	New allocator or line items		Difference	-	-
81					
82	Rationale for change				
83					
84					

85 * 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 Limitied**
For Year Ended	**31 March 2014**

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

sch ref				($000)	($000)
7		**6a(i): Expenditure on Assets**		($000)	($000)
8		Consumer connection	*		3,701
9		System growth	*		9,008
10		Asset replacement and renewal			2,456
11		Asset relocations			265
12		Reliability, safety and environment:			
13		Quality of supply		86	
14		Legislative and regulatory		-	
15		Other reliability, safety and environment		2,499	
16		**Total reliability, safety and environment**			2,585
17		**Expenditure on network assets**			18,015
18		Non-network assets			1,268
19					
20		**Expenditure on assets**			19,283
21	*plus*	Cost of financing			-
22	*less*	Value of capital contributions			5,054
23	*plus*	Value of vested assets			-
24					
25		**Capital expenditure**			14,229

		($000)
26	**6a(ii): Subcomponents of Expenditure on Assets (where known)**	($000)
27	Energy efficiency and demand side management, reduction of energy losses	12
28	Overhead to underground conversion	236
29	Research and development	74

			($000)	($000)
30		**6a(iii): Consumer Connection**		
31		*Consumer types defined by EDB**	($000)	($000)
32		6a(iii): Consumer Connection		
33		[EDB consumer type]		
34		[EDB consumer type]		
35		[EDB consumer type]		
36		[EDB consumer type]		
37		** include additional rows if needed*		
38		**Consumer connection expenditure**		3,701
39				
40	*less*	Capital contributions funding consumer connection expenditure	1,038	
41		**Consumer connection less capital contributions**		2,662

			System Growth ($000)	Asset Replacement and Renewal ($000)
42		**6a(iv): System Growth and Asset Replacement and Renewal**		
43				
44				
45		Subtransmission	4,034	355
46		Zone substations	152	424
47		Distribution and LV lines	415	867
48		Distribution and LV cables	83	127
49		Distribution substations and transformers	3,618	251
50		Distribution switchgear	706	316
51		Other network assets	-	115
52		**System growth and asset replacement and renewal expenditure**	9,008	2,456
53	*less*	Capital contributions funding system growth and asset replacement and renewal	2,462	754
54		**System growth and asset replacement and renewal less capital contributions**	6,545	1,702
55				

			($000)	($000)
56		**6a(v): Asset Relocations**		
57		*Project or programme**	($000)	($000)
58		Line recloser new locations	26	
59		Network - New Subdivisions & extensions for new services	44	
60		Network - Various O/H new builds & upgrades	196	
61		[Description of material project or programme]	N/A	
62		[Description of material project or programme]	N/A	
63		** include additional rows if needed*		
64		All other asset relocations projects or programmes	-	
65		**Asset relocations expenditure**		265
66	*less*	Capital contributions funding asset relocations	74	
67		**Asset relocations less capital contributions**		191

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

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

sch ref			($000)	($000)
75	**6a(vi): Quality of Supply**			
76		*Project or programme**	**($000)**	**($000)**
77		Non Budgeted Items	0.18	
78		Network - Distribution Sub refurbishment	3	
		Network - Reclosers New	9	
		Network - Zone Substation Protection replacement	14	
79		Network - New Equipment	25	
80		Equipment	34	
81		Network - Underground Cable Upgrades (G)	1	
82		** include additional rows if needed*		
83		All other quality of supply projects or programmes	-	
84	**Quality of supply expenditure**			86
85	*less*	Capital contributions funding quality of supply	24	
86	**Quality of supply less capital contributions**			62
87	**6a(vii): Legislative and Regulatory**			
88		*Project or programme**	**($000)**	**($000)**
89		[Description of material project or programme]		
90		[Description of material project or programme]		
91		[Description of material project or programme]		
92		[Description of material project or programme]		
93		[Description of material project or programme]		
94		** include additional rows if needed*		
95		All other legislative and regulatory projects or programmes		
96	**Legislative and regulatory expenditure**			-
97	*less*	Capital contributions funding legislative and regulatory		
98	**Legislative and regulatory less capital contributions**			-
99	**6a(viii): Other Reliability, Safety and Environment**			
100		*Project or programme**	**($000)**	**($000)**
101		Overhead Lines, new, refurbished and upgraded	46	
		Customer connections, incuding new subdivisions and externsions for new services	38	
		Metering and relays	-	
102		Distribution Substations, including transformer, regulators, ring main units, etc.	207	
103		Underground cables, including overhead to underground conversions	40	
104		Zone substations, including load control plants	129	
105		System development	396	
106		** include additional rows if needed*		
107		All other reliability, safety and environment projects or programmes	1,642	
108	**Other reliability, safety and environment expenditure**			2,499
109	*less*	Capital contributions funding other reliability, safety and environment	701	
110	**Other reliability, safety and environment less capital contributions**			1,798
111				
112	**6a(ix): Non-Network Assets**			
113	**Routine expenditure**			
114		*Project or programme**	**($000)**	**($000)**
115		LandB	421	
116		Plant	632	
117		Software	40	
118		Vehicle	175	
119		[Description of material project or programme]		
120		** include additional rows if needed*		
121		All other routine expenditure projects or programmes	-	
122	**Routine expenditure**			1,268
123	**Atypical expenditure**			
124		*Project or programme**	**($000)**	**($000)**
125				
126		[Description of material project or programme]		
127		[Description of material project or programme]		
128		[Description of material project or programme]		
129		[Description of material project or programme]		
130		** include additional rows if needed*		
131		All other atypical expenditure projects or programmes	-	
132	**Atypical expenditure**			-

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

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		
133		
134	**Non-network assets expenditure**	1,268

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2014**

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

This schedule requires a breakdown of operating 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 operating 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

sch ref			
7	**6b(i): Operational Expenditure**	**($000)**	**($000)**
8	Service interruptions and emergencies	1,979	
9	Vegetation management	110	
10	Routine and corrective maintenance and inspection	3,232	
11	Asset replacement and renewal	572	
12	**Network opex**		5,893
13	System operations and network support	4,978	
14	Business support	4,401	
15	**Non-network opex**		9,379
16			
17	**Operational expenditure**		15,272
18	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
19	Energy efficiency and demand side management, reduction of energy losses		-
20	Direct billing*		N/A
21	Research and development		-
22	Insurance		199
23	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**

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				
7	**7(i): Revenue**	**Target ($000) [1]**	**Actual ($000)**	**% variance**
8	Line charge revenue	43,300	42,362	(2%)
9	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
10	Consumer connection	2,703	3,701	37%
11	System growth	9,228	9,008	(2%)
12	Asset replacement and renewal	3,524	2,456	(30%)
13	Asset relocations	-	265	-
14	Reliability, safety and environment:			
15	Quality of supply	195	86	(56%)
16	Legislative and regulatory	-	-	-
17	Other reliability, safety and environment	5,645	2,499	(56%)
18	**Total reliability, safety and environment**	5,841	2,585	(56%)
19	**Expenditure on network assets**	21,295	18,015	(15%)
20	Non-network capex	1,312	1,268	(3%)
21	**Expenditure on assets**	22,607	19,283	(15%)
22	**7(iii): Operational Expenditure**			
23	Service interruptions and emergencies	1,485	1,979	33%
24	Vegetation management	123	110	(10%)
25	Routine and corrective maintenance and inspection	2,946	3,232	10%
26	Asset replacement and renewal	798	572	(28%)
27	**Network opex**	5,352	5,893	10%
28	System operations and network support	4,057	4,978	23%
29	Business support	5,083	4,401	(13%)
30	**Non-network opex**	9,141	9,379	3%
31	**Operational expenditure**	14,492	15,272	5%
32	**7(iv): Subcomponents of Expenditure on Assets (where known)**			
33	Energy efficiency and demand side management, reduction of energy losses	-	12	-
34	Overhead to underground conversion	-	236	-
35	Research and development	-	74	-
36				
37	**7(v): Subcomponents of Operational Expenditure (where known)**			
38	Energy efficiency and demand side management, reduction of energy losses	n/a	-	-
39	Direct billing	n/a	N/A	-
40	Research and development	n/a	-	-
41	Insurance	175	199	14%
42				
43	*1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of the Determination*			
44	*2 From the nominal dollar expenditure forecast and disclosed in the second to last AMP as the year CY+1 forecast*			

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**
Network / Sub-Network Name	

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 **8(i): Billed Quantities by Price Component**

9

10

11 **Billed quantities by price component**

sch ref	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)	Distribution fixed	Distribution variable day	Distribution variable night	Distribution demand	Transmission Fixed	Transmission Variable day	Transmission Variable night	Transmission demand
12					**Price component**	Distribution fixed	Distribution variable day	Distribution variable night	Distribution demand	Transmission Fixed	Transmission Variable day	Transmission Variable night	Transmission demand
13					**Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)**	$/annum	$/kWh	$/kWh	$/(kWh*annum)	$/annum	$/kWh	$/kWh	$/(kWh*annum)
14													
15	LOWHCA	Low Charge	Standard	1,017	6,000	1,017	4,370,783	1,628,947	-	1,017	4,370,783	1,628,947	-
16	LOWLCA	Low Charge	Standard	6,598	38,924	6,598	28,356,365	10,568,135	-	6,598	28,356,365	10,568,135	-
17	LOWUHCA	Low Uncontrolled	Standard	5	29	5	21,489	8,009	-	5	21,489	8,009	-
	LOWULCA	Low Uncontrolled	Standard	14	83	14	60,168	22,424	-	14	60,168	22,424	-
	015HCA	015	Standard	6,190	58,580	6,190	42,675,494	15,904,732	-	6,190	42,675,494	15,904,732	-
	015LCA	015	Standard	14,733	134,684	14,733	98,116,904	36,567,193	-	14,733	98,116,904	36,567,193	-
	015UHCA	015 Uncontrolled	Standard	36	28	36	20,742	7,730	-	36	20,742	7,730	-
	015ULCA	015 Uncontrolled	Standard	55	3	55	1,887	703	-	55	1,887	703	-
	360HCA	360	Standard	435	10,350	435	7,539,823	2,810,017	-	435	7,539,823	2,810,017	-
	360LCA	360	Standard	681	16,203	681	11,803,722	4,399,130	-	681	11,803,722	4,399,130	-
	360UHCA	360 Uncontrolled	Standard	13	309	13	225,328	83,978	-	13	225,328	83,978	-
	360ULCA	360 Uncontrolled	Standard	7	167	7	121,330	45,219	-	7	121,330	45,219	-
18	ASSHCA	Assessed	Standard	1,125	93,901	1,125	68,406,514	25,494,426	86,993	1,125	68,406,514	25,494,426	86,993
19	ASSLCA	Assessed	Standard	353	24,748	353	18,028,561	6,719,065	34,215	353	18,028,561	6,719,065	34,215
20	TOU400HCA	TOU 400V	Standard	33	16,096	33	11,468,210	4,627,344	6,118	33	11,468,210	4,627,344	6,118
21	TOU400LCA	TOU 400V	Standard	104	91,046	104	62,775,648	28,270,069	22,495	104	62,775,648	28,270,069	22,495
22	TOU11HCA	TOU 11kV	Standard	6	23,601	6	17,189,719	6,411,576	5,801	6	17,189,719	6,411,576	5,801
23	TOU11LCA	TOU 11kV	Standard	4	16,664	4	11,585,964	5,078,137	4,065	4	11,585,964	5,078,137	4,065
24	IND	IND	Non-standard	4	184,478	4	128,159,384	56,318,955	-	4	128,159,384	56,318,955	-
25	*Add extra rows for additional consumer groups or price category codes as necessary*												
26			**Standard consumer totals**	31,409	531,415	31,409	382,768,650	148,646,833	159,687	31,409	382,768,650	148,646,833	159,687
27			**Non-standard consumer totals**	4	184,478	4	128,159,384	56,318,955	-	4	128,159,384	56,318,955	-
28			**Total for all consumers**	31,413	715,894	31,413	510,928,034	204,965,788	159,687	31,413	510,928,034	204,965,788	159,687
29													

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

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2014**
Network / Sub-Network Name	

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

38 **8(ii): Line Charge Revenues ($000) by Price Component**

39

40

sch ref	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 (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, $/day, $/kWh, etc.)	Distribution fixed	Distribution variable day	Distribution variable night	Distribution demand	Transmission Fixed	Transmission Variable day	Transmission Variable night	Transmission demand
40									**Line charge revenues ($000) by price component**							
41								**Price component**	Distribution fixed	Distribution variable day	Distribution variable night	Distribution demand	Transmission Fixed	Transmission Variable day	Transmission Variable night	Transmission demand
42									$/annum	$/kWh	$/kWh	$/(kWh*annum)	$/annum	$/kWh	$/kWh	$/(kWh*annum)
43																
44	LOWHCA	Low Charge	Standard	$514	N/A	$413	$100		$47	$297	$69	$0	$0	$93	$7	$0
45	LOWLCA	Low Charge	Standard	$3,091	N/A	$2,441	$650		$307	$1,752	$382	$0	$0	$604	$46	$0
	LOWUHCA	Low Uncontrolled	Standard	$4	N/A	$2	$1		$0	$1	$0	$0	$0	$1	$0	$0
	LOWULCA	Low Uncontrolled	Standard	$9	N/A	$5	$4		$1	$4	$1	$0	$0	$3	$1	$0
	015HCA	015	Standard	$4,630	N/A	$3,651	$979		$1,999	$1,500	$151	$0	$0	$910	$69	$0
	015LCA	015	Standard	$10,053	N/A	$7,802	$2,250		$4,005	$3,450	$348	$0	$0	$2,091	$159	$0
	015UHCA	015 Uncontrolled	Standard	$22	N/A	$12	$10		$12	$1	$0	$0	$9	$0	$0	$0
	015ULCA	015 Uncontrolled	Standard	$29	N/A	$15	$14		$15	$0	$0	$0	$14	$0	$0	$0
	360HCA	360	Standard	$978	N/A	$806	$173		$514	$265	$27	$0	$0	$161	$12	$0
	360LCA	360	Standard	$1,416	N/A	$1,145	$271		$688	$415	$42	$0	$0	$252	$19	$0
	360UHCA	360 Uncontrolled	Standard	$33	N/A	$24	$9		$15	$8	$1	$0	$3	$5	$0	$0
46	360ULCA	360 Uncontrolled	Standard	$16	N/A	$12	$5		$7	$4	$0	$0	$2	$3	$0	$0
47	ASSHCA	Assessed	Standard	$8,649	N/A	$3,784	$4,865		$121	$2,405	$242	$1,015	$0	$1,458	$111	$3,296
48	ASSLCA	Assessed	Standard	$2,756	N/A	$1,071	$1,685		$32	$634	$64	$341	$0	$384	$29	$1,271
49	TOU400HCA	TOU 400V	Standard	$995	N/A	$513	$482		$4	$154	$9	$346	$0	$40	$10	$433
50	TOU400LCA	TOU 400V	Standard	$3,875	N/A	$2,006	$1,869		$10	$845	$57	$1,094	$0	$218	$58	$1,592
51	TOU11HCA	TOU 11kV	Standard	$975	N/A	$491	$484		$1	$231	$13	$246	$0	$60	$13	$410
52	TOU11LCA	TOU 11kV	Standard	$653	N/A	$315	$338		$0	$156	$10	$148	$0	$40	$10	$288
53	IND	IND	Non-standard	$3,665	N/A	$2,408	$1,257		$2,408	$0	$0	$0	$1,257	$0	$0	$0
54	*Add extra rows for additional consumer groups or price category codes as necessary*															
55			**Standard consumer totals**	$38,697	-	$24,508	$14,189		$7,779	$12,123	$1,417	$3,190	$29	$6,324	$546	$7,290
56			**Non-standard consumer totals**	$3,665	-	$2,408	$1,257		$2,408	$0	$0	$0	$1,257	$0	$0	$0
57			**Total for all consumers**	$42,362	-	$26,917	$15,446		$10,187	$12,123	$1,417	$3,190	$1,286	$6,324	$546	$7,290

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

58

59 **8(iii): Number of ICPs directly billed** | **Check** OK

60 **Number of directly billed ICPs at year end** 4

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**
Network / Sub-network Name	

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
8								
9	All	Overhead Line	Concrete poles / steel structure	No.	25,858	25,936	78	2
10	All	Overhead Line	Wood poles	No.	20,388	20,444	56	2
11	All	Overhead Line	Other pole types	No.	660	675	15	2
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	218	218	0	2
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	0	0	-	3
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	27	27	-	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	4
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	4
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	4
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	-	-	-	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	4
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	1	1	-	4
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	29	29	-	2
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	40	40	-	2
29	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	4
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	2
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	11	11	-	2
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	-	-	N/A
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	N/A
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	22	22	-	2
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,894	2,907	13	2
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	0	0	0	2
37	HV	Distribution Line	SWER conductor	km	7	7	-	3
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	115	121	6	2
39	HV	Distribution Cable	Distribution UG PILC	km	129	129	(0)	2
40	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	218	221	3	2
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	38	42	4	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1,318	1,369	51	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	86	85	(1)	2
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	476	481	5	2
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	4,750	4,831	81	2
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	863	886	23	2
48	HV	Distribution Transformer	Voltage regulators	No.	30	31	1	2
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	N/A
50	LV	LV Line	LV OH Conductor	km	2,895	2,907	13	2
51	LV	LV Cable	LV UG Cable	km	308	314	6	2
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-	-	-	4
53	LV	Connections	OH/UG consumer service connections	No.	31,401	31,643	242	4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	-	-	-	N/A
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	1
56	All	Capacitor Banks	Capacitors including controls	No	17	16	(1)	2
57	All	Load Control	Centralised plant	Lot	6	6	-	4
58	All	Load Control	Relays	No	9,169	9,493	324	2
59	All	Civils	Cable Tunnels	km	-	-	-	2

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2014**
Network / Sub-network Name	

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

Disclosure Year (year ended) 31 March 2014

Number of assets at disclosure year end by installation date

sch ref	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	No. with Age unknown	Total assets at year end	No. with default dates	Data accuracy (1–4)
9																														
10	All	Overhead Line	Concrete poles / steel structure	No.	63	4	3,518	6,542	4,574	2,973	1,839	198	195	304	520	550	916	360	347	291	325	201	85	347	487	248	1,049	25,936	-	3
11	All	Overhead Line	Wood poles	No.	12	7	3,624	2,142	2,617	2,017	2,200	183	218	477	561	409	686	418	549	718	533	216	135	350	269	239	1,864	20,444	-	3
12	All	Overhead Line	Other pole types	No.	-	-	61	82	73	39	26	6	-	2	4	2	4	-	6	13	3	8	2	2	13	15	314	675	-	3
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	-	-	7	44	33	12	52	10	-	10	14	5	0	1	-	-	-	1	0	0	21	7	0	218	-	3
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	0	-	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	-	-	-	-	0	2	2	-	-	-	0	0	21	-	-	-	-	-	0	0	-	-	-	27	-	3
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	4
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	-	1
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
30	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	-	-	-	-	4	10	5	-	1	-	-	-	2	-	-	-	1	-	1	7	3	-	-	34	-	2
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	-	10	19	4	29	14	1	4	2	2	1	18	16	10	6	13	5	8	23	9	7	-	201	-	2
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
45	HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	-	2	3	7	3	-	-	-	-	1	-	1	-	-	-	1	1	1	-	-	-	-	20	4	3
46	HV	Distribution Line	Distribution OH Open Wire Conductor	km	6	-	881	520	360	255	167	10	22	37	83	66	144	43	55	54	58	37	17	29	38	26	1	2,907	-	3
47	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	-	0	0	-	0	-	2
48	HV	Distribution Line	SWER conductor	km	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	3
49	HV	Distribution Cable	Distribution UG XLPE or PVC	km	-	-	-	1	1	4	3	1	2	4	4	2	4	10	7	16	11	9	10	16	9	6	0	121	-	2
50	HV	Distribution Cable	Distribution UG PILC	km	-	-	-	10	38	54	25	1	0	0	0	-	0	0	0	-	0	0	-	0	-	-	0	129	-	2
51	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
52	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
53	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
54	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	12	1	814	882	783	611	540	53	73	112	202	177	245	167	200	301	285	251	186	283	275	224	97	6,774	-	3
55	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
56	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	-	-	-	16	57	50	41	6	6	10	9	8	11	6	6	5	8	16	6	8	4	5	4	282	-	3
57	HV	Distribution Transformer	Pole Mounted Transformer	No.	4	1	692	707	642	512	431	47	61	80	152	105	176	115	148	170	184	132	103	128	137	114	-	4,841	6	2
58	HV	Distribution Transformer	Ground Mounted Transformer	No.	-	-	7	29	145	139	101	11	17	26	36	26	44	37	38	42	42	26	23	22	27	26	-	864	29	2
59	HV	Distribution Transformer	Voltage regulators	No.	-	-	1	1	-	1	1	-	-	1	-	-	-	-	-	1	8	11	3	1	1	1	-	31	-	3
60	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	7	29	145	139	101	11	17	26	36	26	44	37	38	42	42	26	23	22	27	26	-	864	29	1
61	LV	LV Line	LV OH Conductor	km	6	-	881	520	360	255	167	10	22	37	83	66	144	43	55	54	58	37	17	29	38	26	1	2,907	-	3
62	LV	LV Cable	LV UG Cable	km	-	-	1	10	48	64	38	4	5	11	11	6	10	20	14	18	12	10	5	12	9	6	1	314	-	3
63	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
64	LV	Connections	OH/UG consumer service connections	No.	2,845	996	2,897	4,511	5,790	3,755	5,663	542	180	284	301	335	436	453	415	415	530	365	263	313	340	329	-	31,958	-	4
65	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
66	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1
67	All	Capacitor Banks	Capacitors including controls	No	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	1	1	6	-	1	-	-	4	16	-	3
68	All	Load Control	Centralised plant	Lot	-	-	-	1	1	1	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	-	6	-	3
69	All	Load Control	Relays	No	56	21	45	190	367	184	390	222	40	115	127	136	152	116	91	116	1,278	134	232	478	1,323	10,431	-	16,244	1,496	2
70	All	Civils	Cable Tunnels	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3

Company Name	**Alpine Energy Limitied**
For Year Ended	**31 March 2014**
Network / Sub-network Name	

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	-	-	-
12	50kV & 66kV	-	-	-
13	33kV	218	27	245
14	SWER (all SWER voltages)	-	7	7
15	22kV (other than SWER)	144	1	145
16	6.6kV to 11kV (inclusive—other than SWER)	2,763	316	3,079
17	Low voltage (< 1kV)	375	294	669
18	**Total circuit length (for supply)**	3,500	645	4,145
19				
20	Dedicated street lighting circuit length (km)	-	-	-
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			38
22				
23	**Overhead circuit length by terrain (at year end)**	**Circuit length (km)**	**(% of total overhead length)**	
24	Urban	315	9%	
25	Rural	3,089	88%	
26	Remote only	-	-	
27	Rugged only	96	3%	
28	Remote and rugged	-	-	
29	Unallocated overhead lines	-	-	
30	**Total overhead length**	3,500	100%	
31				
32		**Circuit length (km)**	**(% of total circuit length)**	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,661	40%	
34		**Circuit length (km)**	**(% of total overhead length)**	
35	Overhead circuit requiring vegetation management	-	-	

Company Name **Alpine Energy Limitied**
For Year Ended **31 March 2014**

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			
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 Limitied**
For Year Ended	**31 March 2014**
Network / Sub-network Name	

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				
8	**9e(i): Consumer Connections**			
9	*Number of ICPs connected in year by consumer type*			
10	*Consumer types defined by EDB**		**Number of connections (ICPs)**	
11	Low Charge		-	
	Low Uncontrolled		-	
	015		316	
	015 Uncontrolled		-	
	360		49	
	360 Uncontrolled		-	
12	Assessed		39	
13	TOU 400V		1	
14	TOU 11kV		-	
15	IND		-	
16	** include additional rows if needed*			
17	**Connections total**		405	
18				
19	**Distributed generation**			
20	Number of connections made in year		27	connection
21	Capacity of distributed generation installed in year		0.12	MVA
22	**9e(ii): System Demand**			
23				
24			**Demand at time of maximum coincident demand (MW)**	
25	**Maximum coincident system demand**			
26		GXP demand	120	
27	*plus*	Distributed generation output at HV and above	7	
28	**Maximum coincident system demand**		127	
29	*less*	Net transfers to (from) other EDBs at HV and above	-	
30	**Demand on system for supply to consumers' connection points**		127	
31	**Electricity volumes carried**		**Energy (GWh)**	**Energy (GWh)**
32		Electricity supplied from GXPs	738	
33	*less*	Electricity exports to GXPs	19	
34	*plus*	Electricity supplied from distributed generation	34	
35	*less*	Net electricity supplied to (from) other EDBs	-	
36	**Electricity entering system for supply to consumers' connection points**		752	
37	*less*	Total energy delivered to ICPs	716	
38	**Electricity losses (loss ratio)**		36	4.8%
39				
40	**Load factor**		1	
41	**9e(iii): Transformer Capacity**			
42			**(MVA)**	
43		Distribution transformer capacity (EDB owned)	416	
44		Distribution transformer capacity (Non-EDB owned)	87	
45	**Total distribution transformer capacity**		503	
46				
47	**Zone substation transformer capacity**		300	

Company Name	**Alpine Energy Limited**
For Year Ended	**31 March 2014**
Network / Sub-network Name	

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

8 10(i): Interruptions

sch ref		Number of interruptions	
9	**Interruptions by class**		
10	Class A (planned interruptions by Transpower)	2	
11	Class B (planned interruptions on the network)	160	
12	Class C (unplanned interruptions on the network)	248	
13	Class D (unplanned interruptions by Transpower)	8	
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**	418	
20			
21	**Interruption restoration**	≤3Hrs	>3hrs
22	Class C interruptions restored within	118	130
23			
24	**SAIFI and SAIDI by class**	SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	0.0476	4.92
26	Class B (planned interruptions on the network)	0.1486	33.99
27	Class C (unplanned interruptions on the network)	2.0481	824.41
28	Class D (unplanned interruptions by Transpower)	0.2051	11.92
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**	2.4494	875.24
35			
36	**Normalised SAIFI and SAIDI**	Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	1.9990	274.77
38			
39	**Quality path normalised reliability limit**	SAIFI reliability limit	SAIDI reliability limit
40	SAIFI and SAIDI limits applicable to disclosure year*	1.6937	164.22
41	** not applicable to exempt EDBs*		

42 10(ii): Class C Interruptions and Duration by Cause

sch ref		SAIFI	SAIDI
43			
44	**Cause**		
45	Lightning	0.0429	6.14
46	Vegetation	0.0868	13.62
47	Adverse weather	0.9228	695.04
48	Adverse environment	0.0419	3.46
49	Third party interference	0.3225	36.00
50	Wildlife	0.0813	6.02
51	Human error	0.0060	0.27
52	Defective equipment	0.4753	54.34
53	Cause unknown	0.0687	9.53

62 10(iii): Class B Interruptions and Duration by Main Equipment Involved

sch ref		SAIFI	SAIDI
63			
64	**Main equipment involved**		
65	Subtransmission lines	-	-
66	Subtransmission cables	-	-
67	Subtransmission other	-	-
68	Distribution lines (excluding LV)	0.1423	33.29
69	Distribution cables (excluding LV)	0.0035	0.14
70	Distribution other (excluding LV)	0.0028	0.56

71 10(iv): Class C Interruptions and Duration by Main Equipment Involved

sch ref		SAIFI	SAIDI
72			
73	**Main equipment involved**		
74	Subtransmission lines	0.2877	118.46
75	Subtransmission cables	-	-
76	Subtransmission other	-	-
77	Distribution lines (excluding LV)	1.7361	702.01
78	Distribution cables (excluding LV)	0.0242	3.93
79	Distribution other (excluding LV)	-	-

80 10(v): Fault Rate

sch ref		Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
81	**Main equipment involved**			
82	Subtransmission lines	16	218	7.34
83	Subtransmission cables	-	27	-
84	Subtransmission other	-		
85	Distribution lines (excluding LV)	230	2,907	7.91
86	Distribution cables (excluding LV)	2	324	0.62
87	Distribution other (excluding LV)	-		
88	**Total**	248		