



**Information Disclosure prepared
Under Part 4 Commerce Act 1986**

**For the Assessment Period:
1 April 2013 - 31 March 2014**

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**EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10**

Company Name

[Top Energy Ltd](#)

Disclosure Date

[31 August 2014](#)

Disclosure Year (year ended)

[31 March 2014](#)

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

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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 disclose 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
For Year Ended

Top Energy Ltd
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

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	38,969	411	180,248	3,190	47,489
Network	16,141	170	74,659	1,321	19,670
Non-network	22,828	241	105,589	1,869	27,819
Expenditure on assets	58,369	616	269,983	4,778	71,131
Network	56,727	599	262,387	4,644	69,130
Non-network	1,642	17	7,596	134	2,001

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	113,014	1,193
Standard consumer line charge revenue	132,998	1,139
Non-standard consumer line charge revenue	27,081	551,465

1(iii): Service intensity measures

Demand density	18	Maximum coincident system demand per km circuit length (for supply) (kW/km)
Volume density	82	Total energy delivered to ICPs per km circuit length (for supply) (MWh/km)
Connection point density	8	Average number of ICPs per km circuit length (for supply) (ICPs/km)
Energy intensity	10,558	Total energy delivered to ICPs per Average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	12,617	33.98%
Pass-through and recoverable costs	9,527	25.65%
Total depreciation	7,326	19.73%
Total revaluation	2,817	7.59%
Regulatory tax allowance	2,148	5.79%
Regulatory profit/loss	8,334	22.44%
Total regulatory income	37,136	

1(v): Reliability

	Interruptions per 100 circuit km
Interruption rate	13.45

Company Name **Top Energy Ltd**
 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

		CY-2	CY-1	Current Year CY
		31 Mar 12	31 Mar 13	31 Mar 14
		%	%	%
7	2(i): Return on Investment			
8				
9	Post tax WACC			
10	ROI—comparable to a post tax WACC	4.51%	3.15%	3.15%
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	5.33%	3.93%	3.83%
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			
25				
26	Total opening RAB value	183,789		
27	plus Opening deferred tax	(2,693)		
28	Opening RIV		181,096	
29				
30	Operating surplus / (deficit)	14,992		
31	less Regulatory tax allowance	2,148		
32	less Assets commissioned	20,087		
33	plus Asset disposals	63		
34	Notional net cash flows		(7,181)	
35				
36	Total closing RAB value	199,303		
37	less Adjustment resulting from asset allocation	(0)		
38	less Lost and found assets adjustment	(0)		
39	plus Closing deferred tax	(3,952)		
40	Closing RIV		195,352	
41				
42	ROI—comparable to a vanilla WACC		3.83%	
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		3.15%	

Company Name **Top Energy Ltd**
 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

2(iii): Information Supporting the Monthly ROI

Cash flows

(\$000)

	Total regulatory income	Expenses	Tax payments	Assets commissioned	Asset disposals	Notional net cash flows
April	3,325	1,779	-	266	48	1,329
May	3,511	1,993	875	215	0	428
June	3,509	1,930	-	287	7	1,300
July	3,813	1,949	-	79	5	1,790
August	3,870	1,886	722	111	-	1,151
September	1,124	2,057	-	5,068	-	(6,001)
October	1,263	1,842	-	2,013	-	(2,592)
November	3,348	1,818	-	31	1	1,500
December	3,404	1,540	-	2,212	-	(347)
January	3,445	1,481	722	407	-	834
February	3,041	1,567	-	2,064	-	(591)
March	3,482	2,300	-	7,335	2	(6,152)
Total	37,136	22,144	2,319	20,087	63	(7,352)

	Opening / closing RAB	Adjustment resulting from asset allocation	Lost and found assets adjustment	Opening / closing deferred tax	Revenue related working capital	Total
Monthly ROI - opening RIV	183,789			(2,693)	3,382	184,478
Monthly ROI -closing RIV	199,303	(0)	(0)	(3,952)	3,482	198,834
Monthly ROI -closing RIV less term credit spread differential allowance						198,834
Monthly ROI—comparable to a vanilla WACC						3.81%
Monthly ROI—comparable to a post-tax WACC						3.13%

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

Year-end ROI—comparable to a vanilla WACC	4.36%
Year-end ROI—comparable to a post-tax WACC	3.68%

* 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.

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.

3(i): Regulatory Profit		(S000)
8	Income	
9	Line charge revenue	36,591
10	<i>plus</i> Gains / (losses) on asset disposals	4
11	<i>plus</i> Other regulated income (other than gains / (losses) on asset disposals)	541
12		
13	Total regulatory income	37,136
14	Expenses	
15	<i>less</i> Operational expenditure	12,617
16		
17	<i>less</i> Pass-through and recoverable costs	9,527
18		
19	Operating surplus / (deficit)	14,992
20		
21	<i>less</i> Total depreciation	7,326
22		
23	<i>plus</i> Total revaluation	2,817
24		
25	Regulatory profit / (loss) before tax & term credit spread differential allowance	10,483
26		
27	<i>less</i> Term credit spread differential allowance	-
28		
29	Regulatory profit / (loss) before tax	10,483
30		
31	<i>less</i> Regulatory tax allowance	2,148
32		
33	Regulatory profit / (loss)	8,334
34		

36	Pass-through costs		
37	Rates	26	
38	Commerce Act levies	74	
	Electricity Authority levies	60	
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	5,324	
44	Transpower new investment contract charges		
45	System operator services	38	
46	Avoided transmission charge	4,006	
47	Input Methodology claw-back		
48	Recoverable customised price-quality path costs		
49	Pass-through and recoverable costs		9,527

Company Name **Top Energy Ltd**
 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

		(\$000)	
		CY-1	CY
		31 March 2013	31 March 2014
57	3(iii): Incremental Rolling Incentive Scheme		
58			
59			
60	Allowed controllable opex	-	-
61	Actual controllable opex	-	-
62			
63	Incremental change in year		-
64			
65			
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	Top Energy Ltd
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

4(i): Regulatory Asset Base Value (Rolled Forward)		for year ended	RAB 31 Mar 10 (\$000)	RAB 31 Mar 11 (\$000)	RAB 31 Mar 12 (\$000)	RAB 31 Mar 13 (\$000)	RAB 31 Mar 14 (\$000)
	Total opening RAB value		137,423	141,413	149,994	159,896	183,789
less	Total depreciation		5,247	5,652	6,183	6,836	7,326
plus	Total revaluations		2,813	3,425	2,356	1,374	2,817
plus	Assets commissioned		6,453	10,582	13,734	29,409	20,087
less	Asset disposals		29	4	5	54	63
plus	Lost and found assets adjustment		-	-	-	-	(0)
plus	Adjustment resulting from asset allocation		-	230	-	-	(0)
	Total closing RAB value		141,413	149,994	159,896	183,789	199,303
4(ii): Unallocated Regulatory Asset Base							
	Total opening RAB value			Unallocated RAB * (\$000)	(\$000)	RAB (\$000)	(\$000)
less	Total depreciation				183,789		183,789
plus	Total revaluations				7,326		7,326
plus	Assets commissioned (other than below)				2,817		2,817
	Assets acquired from a regulated supplier		15,920			15,920	
	Assets acquired from a related party		4,168			4,168	
	Assets commissioned				20,087		20,087
less	Asset disposals (other than below)		14			14	
	Asset disposals to a regulated supplier		-			-	
	Asset disposals to a related party		48			48	
	Asset disposals				63		63
plus	Lost and found assets adjustment				(0)		(0)
plus	Adjustment resulting from asset allocation						(0)
	Total closing RAB value				199,303		199,303

* 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.

Company Name	Top Energy Ltd
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

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

CPI _t	1,192
CPI _t ⁻⁴	1,174
Revaluation rate (%)	1.53%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	183,789		183,789	
less Opening RAB value of fully depreciated, disposed and lost assets	63		63	
Total opening RAB value subject to revaluation	183,726		183,726	
Total revaluations		2,817		2,817

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		11,743		11,743
plus Capital expenditure	18,906		18,906	
less Assets commissioned	20,087		20,087	
plus Adjustment resulting from asset allocation				
Works under construction - current disclosure year		10,562		10,562
Highest rate of capitalised finance applied				4.34%

Company Name	Top Energy Ltd
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

4(v): Regulatory Depreciation

Depreciation - standard
 Depreciation - no standard life assets
 Depreciation - modified life assets
 Depreciation - alternative depreciation in accordance with CPP
Total depreciation

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
7,326		7,326	
	7,326		7,326

4(vi): Disclosure of Changes to Depreciation Profiles

(\$000 unless otherwise specified)

Asset or assets with changes to depreciation*

No non standard depreciation

Reason for non-standard depreciation (text entry)

Closing RAB value
 Depreciation charge for the period (RAB)

Closing RAB value
 under 'non-standard' depreciation

Closing RAB value
 under 'standard' depreciation

* 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	27,321	3,606	18,967	48,171	37,048	27,351	13,044	2,449	5,832	183,789
<i>less</i> Total depreciation	754	62	706	1,510	1,173	1,099	784	135	1,103	7,326
<i>plus</i> Total revaluations	539	56	287	618	572	419	200	38	89	2,817
<i>plus</i> Assets commissioned	2,519	3,078	8,138	1,904	734	1,182	1,111	895	526	20,087
<i>less</i> Asset disposals	-	-	-	-	-	-	-	-	63	63
<i>plus</i> Lost and found assets adjustment	-	-	-	-	-	-	-	-	(0)	(0)
<i>plus</i> Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	-	-
<i>plus</i> Asset category transfers	7,819	21	(228)	(7,881)	270	-	0	(0)	-	0
Total closing RAB value	37,444	6,699	26,458	41,301	37,452	27,852	13,571	3,247	5,280	199,303
Asset Life										
Weighted average remaining asset life	46.6	58.1	26.5	26.7	31.8	24.9	16.6	18.1	5.3	(years)
Weighted average expected total asset life	61.0	60.0	38.3	42.4	45.0	43.5	35.1	33.1	6.6	(years)

Company Name **Top Energy Ltd**
 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

5a(i): Regulatory Tax Allowance

(\$000)

Regulatory profit / (loss) before tax

10,483

plus Income not included in regulatory profit / (loss) before tax but taxable
 Expenditure or loss in regulatory profit / (loss) before tax but not deductible
 Amortisation of initial differences in asset values
 Amortisation of revaluations

- *
 9 *
 3,399
 1,029

4,438

less Income included in regulatory profit / (loss) before tax but not taxable
 Discretionary discounts and consumer rebates
 Expenditure or loss deductible but not in regulatory profit / (loss) before tax**
 Notional deductible interest

2,817 *
 -
 - *
 4,430

7,247

Regulatory taxable income

7,673

less Utilised tax losses
 Regulatory net taxable income

-
 7,673

Corporate tax rate (%)

28%

Regulatory tax allowance

2,148

* Workings to be provided in Schedule 14

** Excluding discretionary discounts and consumer rebates

5a(ii): Disclosure of Permanent Differences

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

5a(iii): Amortisation of Initial Difference in Asset Values

(\$000)

Opening unamortised initial differences in asset values
 Amortisation of initial differences in asset values
 Adjustment for unamortised initial differences in assets acquired
 Adjustment for unamortised initial differences in assets disposed
 Closing unamortised initial differences in asset values

78,179
 3,399
 -
 -
 74,780

Opening weighted average remaining asset life (years)

23

5a(iv): Amortisation of Revaluations

(\$000)

Opening Sum of RAB values without revaluations
 Adjusted depreciation
 Total depreciation
 Amortisation of revaluations

174,771
 6,297
 7,326
 1,029

Company Name **Top Energy Ltd**
 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		(2,693)	
66				
67	plus Tax effect of adjusted depreciation		1,763	
68				
69	less Tax effect of total tax depreciation		2,063	
70				
71	plus Tax effect of other temporary differences*		(16)	
72				
73	less Tax effect of amortisation of initial differences in asset values		952	
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		(9)	
78				
79	plus Deferred tax cost allocation adjustment		-	
80				
81	Closing deferred tax			(3,952)
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			(\$000)
87				
88	Opening sum of regulatory tax asset values		85,698	
89	less Tax depreciation		7,368	
90	plus Regulatory tax asset value of assets commissioned		20,069	
91	less Regulatory tax asset value of asset disposals		298	
92	plus Lost and found assets adjustment		-	
93	plus Other adjustments to the RAB tax value		-	
94	Closing sum of regulatory tax asset values			98,102

Company Name **Top Energy Ltd**
 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

5b(i): Summary—Related Party Transactions

(\$000)

Total regulatory income	128
Operational expenditure	7,050
Capital expenditure	4,432
Market value of asset disposals	-
Other related party transactions	73

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

Name of related party	Related party relationship
Ngawha Generation Ltd	Subsidiary
Phone Plus 2000 Ltd	Subsidiary
Top Energy Ltd - Contracting Services division	Division
-	-
-	-

* include additional rows if needed

5b(iii): Related Party Transactions

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
Ngawha Generation Ltd	Opex	Avoided Transmission charges	2,295	At directly attributable cost
Ngawha Generation Ltd	Sales	Ngawha connection agreement	73	for dedicated network assets and technical support
Ngawha Generation Ltd	Sales	Injection charges	128	At cost incurred by the EDB
Phone Plus 2000 Ltd	Opex	Telephone services	103	Price paid, as more than 50% of the related party's sales of services are to unrelated third parties
Top Energy Ltd - Contracting Services division	Capex	Construction of extensions to the Network Asset	4,432	At directly attributable cost
Top Energy Ltd - Contracting Services division	Opex	Maintenance services in respect of the Network Asset	4,652	At directly attributable cost
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

* include additional rows if needed

Company Name **Top Energy Ltd**
 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

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	Cost of executing an interest rate swap	Debt issue cost readjustment
Nil			-	-	-	-	-	-	-
* 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

44%

Average opening and closing RAB values

Attribution Rate (%)

-

Term credit spread differential allowance

-

Company Name **Top Energy Ltd**
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

		Value allocated (\$000s)			
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVBAA allocation increase (\$000s)
Service interruptions and emergencies					
Directly attributable		1,465			
Not directly attributable					
Total attributable to regulated service		1,465			
Vegetation management					
Directly attributable		1,846			
Not directly attributable					
Total attributable to regulated service		1,846			
Routine and corrective maintenance and inspection					
Directly attributable		1,157			
Not directly attributable					
Total attributable to regulated service		1,157			
Asset replacement and renewal					
Directly attributable		758			
Not directly attributable					
Total attributable to regulated service		758			
System operations and network support					
Directly attributable		3,267			
Not directly attributable					
Total attributable to regulated service		3,267			
Business support					
Directly attributable		411			
Not directly attributable		3,714	1,867	5,581	
Total attributable to regulated service		4,124			
Operating costs directly attributable		8,903			
Operating costs not directly attributable		3,714	1,867	5,581	
Operating expenditure		12,617			

5d(ii): Other Cost Allocations**Pass through and recoverable costs****Pass through costs**

Directly attributable
Not directly attributable

Total attributable to regulated service**Recoverable costs**

Directly attributable
Not directly attributable

Total attributable to regulated service**5d(iii): Changes in Cost Allocations* †**

		(\$000)	
		CY-1 31 Mar 13	Current Year (CY) 31 Mar 14
Change in cost allocation 1			
Cost category	No change	Original allocation	
Original allocator or line items		New allocation	
New allocator or line items		Difference	
Rationale for change			
Change in cost allocation 2			
Cost category	No change	Original allocation	
Original allocator or line items		New allocation	
New allocator or line items		Difference	
Rationale for change			
Change in cost allocation 3			
Cost category	No change	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 **Top Energy Ltd**
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

	Value allocated (\$000s) Electricity distribution services
Subtransmission lines	
Directly attributable	37,444
Not directly attributable	0
Total attributable to regulated service	37,444
Subtransmission cables	
Directly attributable	6,699
Not directly attributable	0
Total attributable to regulated service	6,699
Zone substations	
Directly attributable	26,458
Not directly attributable	0
Total attributable to regulated service	26,458
Distribution and LV lines	
Directly attributable	41,301
Not directly attributable	0
Total attributable to regulated service	41,301
Distribution and LV cables	
Directly attributable	37,452
Not directly attributable	0
Total attributable to regulated service	37,452
Distribution substations and transformers	
Directly attributable	27,852
Not directly attributable	0
Total attributable to regulated service	27,852
Distribution switchgear	
Directly attributable	13,571
Not directly attributable	0
Total attributable to regulated service	13,571
Other network assets	
Directly attributable	3,247
Not directly attributable	0
Total attributable to regulated service	3,247
Non-network assets	
Directly attributable	-
Not directly attributable	5,280
Total attributable to regulated service	5,280
Regulated service asset value directly attributable	194,023
Regulated service asset value not directly attributable	5,280
Total closing RAB value	199,303

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

			CY-1 31 Mar 13	Current Year (CY) 31 Mar 14
Change in asset value allocation 1				
Asset category	No Change	Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	-	-
Rationale for change				
Change in asset value allocation 2				
Asset category	No Change	Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	-	-
Rationale for change				
Change in asset value allocation 3				
Asset category	No Change	Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	-	-
Rationale for change				

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

† include additional rows if needed

Company Name **Top Energy Ltd**
For Year Ended **31 March 2014**

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 (Cost 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

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Have costs been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination?

No

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Line Item*	Allocation methodology type	Cost 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	
Service interruptions and emergencies										
No allocation									-	
									-	
									-	
									-	
Not directly attributable						-	-	-	-	-
Vegetation management										
No allocation									-	
									-	
									-	
									-	
Not directly attributable						-	-	-	-	-
Routine and corrective maintenance and inspection										
No allocation									-	
									-	
									-	
									-	
Not directly attributable						-	-	-	-	-
Asset replacement and renewal										
No allocation									-	
									-	
									-	
									-	
Not directly attributable						-	-	-	-	-

Company Name **Top Energy Ltd**
For Year Ended **31 March 2014**

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 (Cost 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

43	System operations and network support										
44	No allocation									-	
45										-	
46										-	
47										-	
48	Not directly attributable						-	-	-	-	-
49	Business support										
50	Corporate property expenses	ABAA	Asset Book Value	Proxy	66.19%	33.81%	0	105.93	54.11	160	
51	Corporate computer, telephone & PR	ABAA	Asset Book Value	Proxy	66.19%	33.81%	0	694.30	354.63	1,049	
51	Executive, directors and support	ABAA	Director time spent	Causal	65.00%	35.00%	0	809.59	435.93	1,246	
51	Audit, insurance, admin and consultancy	ABAA	Asset Book Value	Proxy	66.19%	33.81%	0	244.64	92.66	337	
51	Corporate training, recruitment and welfare	ABAA	Asset Book Value	Proxy	66.19%	33.81%	0	255.50	130.50	386	
51	Salaries executive and support	ABAA	EBITF	Proxy	67.60%	32.40%	0	208.98	100.18	309	
52	Corporate salaries for property, procurement & finance	ABAA	Time spent	Causal	72.11%	27.89%	0	823.76	318.68	1,142	
53	Salaries HR corporate	ABAA	Time spent	Causal	60.00%	40.00%	0	571.19	380.79	952	
54	Not directly attributable						-	3,714	1,867	5,581	-
55											
56	Operating costs not directly attributable						-	3,714	1,867	5,581	-
57											
58	Pass through and recoverable costs										
59	Pass through costs										
60	No allocation									-	
61										-	
62										-	
63										-	
64	Not directly attributable						-	-	-	-	-
65	Recoverable costs										
66	No allocation									-	
67										-	
68										-	
69										-	
70	Not directly attributable						-	-	-	-	-

* include additional rows if needed

Company Name **Top Energy Ltd**
 For Year Ended **31 March 2014**

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

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Have assets been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination?											Yes
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		
Subtransmission lines											
All 100% distribution										-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-
Subtransmission cables											
All 100% distribution										-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-
Zone substations											
All 100% distribution										-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-
Distribution and LV lines											
All 100% distribution										-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-
Distribution and LV cables											
All 100% distribution										-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-

Company Name **Top Energy Ltd**
 For Year Ended **31 March 2014**

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

Distribution substations and transformers

All 100% distribution											-	
											-	
											-	
											-	
Not directly attributable										-	-	-

Distribution switchgear

All 100% distribution											-	
											-	
											-	
											-	
Not directly attributable										-	-	-

Other network assets

All 100% distribution											-	
											-	
											-	
											-	
Not directly attributable										-	-	-

Non-network assets

All 100% distribution based on ACAM	ACAM				100.00%	-		5,280			5,280	
											-	
											-	
											-	
Not directly attributable								5,280		-	5,280	-
Regulated service asset value not directly attributable								5,280		-	5,280	-

* include additional rows if needed

Company Name

Top Energy Ltd

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

6a(i): Expenditure on Assets

(\$000)

(\$000)

Consumer connection

1,475

System growth

8,272

Asset replacement and renewal

3,343

Asset relocations

-

Reliability, safety and environment:

Quality of supply

3,972

Legislative and regulatory

-

Other reliability, safety and environment

1,306

Total reliability, safety and environment

5,278

Expenditure on network assets

18,367

Non-network assets

532

Expenditure on assets

18,899

plus Cost of financing

496

less Value of capital contributions

489

plus Value of vested assets

-

Capital expenditure

18,906

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

(\$000)

Energy efficiency and demand side management, reduction of energy losses

Overhead to underground conversion

Research and development

6a(iii): Consumer Connection

Consumer types defined by EDB*

(\$000)

(\$000)

Mass Market

1,234

Commercial and Industrial

241

* include additional rows if needed

Consumer connection expenditure

1,475

less Capital contributions funding consumer connection expenditure

489

Consumer connection less capital contributions

986

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

System Growth

Asset
Replacement and
Renewal

(\$000)

(\$000)

Subtransmission

2,932

599

Zone substations

3,397

37

Distribution and LV lines

907

1,334

Distribution and LV cables

763

163

Distribution substations and transformers

22

1,047

Distribution switchgear

-

143

Other network assets

251

18

System growth and asset replacement and renewal expenditure

8,272

3,343

less Capital contributions funding system growth and asset replacement and renewal

System growth and asset replacement and renewal less capital contributions

8,272

3,343

6a(v): Asset Relocations

Project or programme*

(\$000)

(\$000)

Nil

-

-

-

-

-

-

-

-

-

-

-

* include additional rows if needed

All other asset relocations projects or programmes

Asset relocations expenditure

-

less Capital contributions funding asset relocations

Asset relocations less capital contributions

-

Company Name

Top Energy Ltd

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

6a(vi): Quality of Supply

Project or programme*

(\$000)

(\$000)

Ngawha Fibre No. 2

111

Fibre install - Pamapurua to NPL via Church Rd

204

Okahu Recloser and Protection

356

Taipa Remote Switching Install

369

Warsnops Recon. & Kaikohe Protection

419

Wiroa-KTA 110kV planning/design - Yr 2

434

KER no 1 line - WPA Rd to sub site

897

WRR-KTA 110kV Stage 3 - Property

1,016

Other <50k

166

* include additional rows if needed

All other quality of supply projects or programmes

Quality of supply expenditure

3,972

less Capital contributions funding quality of supply

Quality of supply less capital contributions

3,972

6a(vii): Legislative and Regulatory

Project or programme*

(\$000)

(\$000)

Nil

* include additional rows if needed

All other legislative and regulatory projects or programmes

Legislative and regulatory expenditure

-

less Capital contributions funding legislative and regulatory

Legislative and regulatory less capital contributions

-

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

Project or programme*

(\$000)

(\$000)

Kaikohe 33kV Line Re-termination

60

Fibre install - Kawakawa no 2 stage

278

Kaikohe GXP 33kV Switchgear, Building and transformer shift

946

Other <50k

22

* include additional rows if needed

All other reliability, safety and environment projects or programmes

Other reliability, safety and environment expenditure

1,306

less Capital contributions funding other reliability, safety and environment

Other reliability, safety and environment less capital contributions

1,306

6a(ix): Non-Network Assets**Routine expenditure**

Project or programme*

(\$000)

(\$000)

Computer Hardware

105

I/Hold Buildings Fit

36

Plant & Equipment

142

Software

185

Vehicles

64

* include additional rows if needed

All other routine expenditure projects or programmes

-

Company Name

Top Energy Ltd

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

122	Routine expenditure			532
123	Atypical expenditure			
124	<i>Project or programme*</i>		(\$000)	(\$000)
125	Nil		-	
126				
127				
128				
129				
130	<i>* include additional rows if needed</i>			
131	All other atypical expenditure projects or programmes			
132	Atypical expenditure			-
133				
134	Non-network assets expenditure			532

Company Name

Top Energy Ltd

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 section 2.8.

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure		
8	Service interruptions and emergencies	1,465	
9	Vegetation management	1,846	
10	Routine and corrective maintenance and inspection	1,157	
11	Asset replacement and renewal	758	
12	Network opex		5,226
13	System operations and network support	3,267	
14	Business support	4,124	
15	Non-network opex		7,391
16			
17	Operational expenditure		12,617
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		-
22	Insurance		298
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name

Top Energy Ltd

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	38,177	36,591	(4%)
9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	1,045	1,475	41%
11	System growth	9,420	8,272	(12%)
12	Asset replacement and renewal	8,195	3,343	(59%)
13	Asset relocations	-	-	-
14	Reliability, safety and environment:			
15	Quality of supply	5,785	3,972	(31%)
16	Legislative and regulatory	-	-	-
17	Other reliability, safety and environment	100	1,306	1,206%
18	Total reliability, safety and environment	5,885	5,278	(10%)
19	Expenditure on network assets	24,546	18,367	(25%)
20	Non-network capex	400	532	33%
21	Expenditure on assets	24,946	18,899	(24%)
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	1,200	1,465	22%
24	Vegetation management	2,072	1,846	(11%)
25	Routine and corrective maintenance and inspection	1,341	1,157	(14%)
26	Asset replacement and renewal	1,584	758	(52%)
27	Network opex	6,197	5,226	(16%)
28	System operations and network support	3,284	3,267	(1%)
29	Business support	4,548	4,124	(9%)
30	Non-network opex	7,832	7,391	(6%)
31	Operational expenditure	14,029	12,617	(10%)
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	-	-	-
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	-	-	-
41	Insurance	235	298	27%
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	Top Energy Ltd
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

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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)
IND	industrial	NON standard	3	61,090
TOU	commercial	Standard	60	34,210
CAP150	commercial	Standard	133	14,545
DAY	residential	Standard	905	11,023
FC	residential	Standard	-	5,319
NGT	residential	Standard	-	4,977
PC	residential	Standard	21,320	128,857
UC	residential	Standard	8,029	62,322
STL (UM)	Unmetered	Standard	218	1,436
Add extra rows for additional consumer groups or price category codes as necessary				
Standard consumer totals			30,665	262,689
Non-standard consumer totals			3	61,090
Total for all consumers			30,668	323,779

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

Price component

Billed quantities by price component					
	Gross Income	Gross Income			
	Days	kWh			
-	61,090	-	-	-	-
-	-	34,210	-	-	-
-	-	14,545	-	-	-
-	-	11,023	-	-	-
-	-	5,319	-	-	-
-	-	4,977	-	-	-
-	-	128,857	-	-	-
-	-	62,322	-	-	-
-	1,436	-	-	-	-
-	-	-	-	-	-
-	1,436	261,253	-	-	-
-	61,090	-	-	-	-
-	62,526	261,253	-	-	-

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

Company Name	Top Energy Ltd
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(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 (if applicable)
IND	industrial	NON standard	\$1,654	\$21
TOU	commercial	Standard	\$2,926	\$82
CAP150	commercial	Standard	\$1,817	\$67
DAY	residential	Standard	\$1,585	\$159
FC	residential	Standard	\$305	
NGT	residential	Standard	\$123	
PC	residential	Standard	\$15,534	\$3,591
UC	residential	Standard	\$12,239	\$1,111
STL (UM)	Unmetered	Standard	\$407	
Add extra rows for additional consumer groups or price category codes as necessary				
Standard consumer totals			\$34,937	\$5,010
Non-standard consumer totals			\$1,654	\$21
Total for all consumers			\$36,591	\$5,031

Total distribution line charge revenue	Total transmission line charge revenue (if available)
\$1,654	
\$2,926	
\$1,817	
\$1,585	
\$305	
\$123	
\$15,534	
\$12,239	
\$407	
\$34,937	-
\$1,654	-
\$36,591	-

Rate (eg, \$/day, \$/kWh, etc.)

Price component

Line charge revenues (\$000) by price component					
	Gross Income	Gross Income		Discount	Discount
	\$/Days	\$/kWh		\$/Days	\$/kWh
	\$1,675	-	-	(\$21)	-
	\$479	\$2,529	-	(\$12)	(\$69)
	\$392	\$1,492	-	(\$26)	(\$41)
	\$50	\$1,695	-	(\$46)	(\$113)
	-	\$305	-	-	-
	-	\$123	-	-	-
	\$1,166	\$17,960	-	(\$1,036)	(\$2,556)
	\$440	\$12,909	-	(\$350)	(\$761)
	\$407	-	-	-	-
	\$2,934	\$37,013	-	(\$1,470)	(\$3,540)
	\$1,675	-	-	(\$21)	-
	\$4,609	\$37,013	-	(\$1,491)	(\$3,540)

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

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

3

Check OK

Company Name **Top Energy Ltd**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

					Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy 1-4
8	Voltage	Asset category	Asset class	Units				
9	All	Overhead Line	Concrete poles / steel structure	No.	34,180	34,344	164	3
10	All	Overhead Line	Wood poles	No.	2,109	2,026	(83)	3
11	All	Overhead Line	Other pole types	No.	3	2	(1)	3
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	268	270	2	3
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	56	56	-	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	1	16	15	4
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.	11	13	2	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	2	2	-	4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	4
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	7	7	-	4
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	4
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	103	137	34	4
29	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	4
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	18	18	4
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	49	48	(1)	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	22	85	63	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	4
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	18	24	6	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,111	2,113	3	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	4
37	HV	Distribution Line	SWER conductor	km	452	451	(0)	3
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	139	150	11	3
39	HV	Distribution Cable	Distribution UG PILC	km	32	32	(1)	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	3	3	-	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	360	359	(1)	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	50	-	(50)	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1,223	1,258	35	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	15	16	1	4
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	163	168	5	4
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	5,127	5,139	12	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	796	800	4	3
48	HV	Distribution Transformer	Voltage regulators	No.	11	11	-	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	796	800	4	3
50	LV	LV Line	LV OH Conductor	km	226	224	(2)	3
51	LV	LV Cable	LV UG Cable	km	635	638	3	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	336	336	(1)	3
53	LV	Connections	OH/UG consumer service connections	No.	31,127	31,436	309	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	388	427	39	4
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	4
56	All	Capacitor Banks	Capacitors including controls	No.	21	20	(1)	3
57	All	Load Control	Centralised plant	Lot	2	2	-	4
58	All	Load Control	Relays	No.	-	-	-	4
59	All	Civils	Cable Tunnels	km	-	-	-	4

Company Name
For Year Ended
Network / Sub-network Name

Top Energy Ltd
31 March 2014

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																									No. with Age unknown	Total assets at year end	No. with default dates	Data accuracy (1-4)
			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								
9	Voltage	Asset category	Asset class																														
10	All	Overhead Line	Concrete poles / steel structure	No.	-	358	405	6,437	7,727	6,851	5,608	672	816	576	363	336	532	313	473	694	374	527	575	358	246	103	-	34,344	-	3			
11	All	Overhead Line	Wood poles	No.	2	25	156	436	664	243	202	30	16	8	6	8	24	59	34	10	88	1	4	2	-	-	-	2,026	-	3			
12	All	Overhead Line	Other pole types	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	3		
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	-	-	5	23	108	73	24	0	-	-	0	-	1	1	-	-	-	2	9	21	3	0	-	-	270	-	3		
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	-	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	3		
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	0	0	8	8	-	-	16	-	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.	-	-	-	2	4	4	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	13	-	3		
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3		
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	7	-	3		
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	1	14	28	23	4	-	5	5	1	2	3	4	3	-	-	5	3	1	34	1	-	-	137	-	3		
30	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	18	-	3		
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	-	-	-	2	6	13	-	-	-	5	1	-	4	-	-	2	1	-	3	10	1	-	-	-	48	-	3		
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	-	-	9	14	34	-	-	-	2	-	-	-	-	-	6	2	6	1	-	11	-	-	-	85	-	3		
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
45	HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	-	-	8	5	7	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	-	-	-	24	-	3		
46	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2	54	122	416	497	360	303	98	61	6	11	26	33	18	11	26	9	12	22	19	5	3	-	2,113	-	3			
47	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
48	HV	Distribution Line	SWER conductor	km	-	88	81	105	46	46	34	6	1	-	1	6	9	4	12	5	4	1	1	0	1	1	-	-	451	-	3		
49	HV	Distribution Cable	Distribution UG XLPE or PVC	km	-	-	-	0	1	3	13	26	4	2	8	10	16	11	10	17	3	4	4	8	8	1	-	-	150	-	3		
50	HV	Distribution Cable	Distribution UG PILC	km	-	-	-	0	3	5	10	7	0	0	1	1	2	2	0	0	0	0	0	0	0	-	-	-	32	-	3		
51	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	3	-	3		
52	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	2	5	6	4	6	3	11	6	2	2	4	6	3	2	17	71	119	31	47	7	3	2	-	359	-	3			
53	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
54	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	-	29	32	180	175	94	110	34	16	4	40	25	38	46	52	55	89	65	71	41	52	10	-	1,258	-	3			
55	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	-	-	-	-	-	-	4	3	-	-	2	-	-	-	1	1	-	-	-	4	1	-	-	-	16	-	3		
56	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	-	-	-	1	1	3	8	7	-	3	13	11	23	23	14	18	1	5	15	14	8	-	-	-	168	-	3		
57	HV	Distribution Transformer	Pole Mounted Transformer	No.	12	125	224	206	441	522	1,244	170	182	102	116	169	193	209	203	220	151	160	233	125	112	20	-	5,139	-	3			
58	HV	Distribution Transformer	Ground Mounted Transformer	No.	-	2	6	29	34	136	61	31	24	52	58	78	68	44	65	21	22	35	20	13	1	-	-	800	-	3			
59	HV	Distribution Transformer	Voltage regulators	No.	-	-	-	-	-	-	-	-	-	1	1	-	1	2	1	2	-	1	2	-	-	-	-	11	-	3			
60	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	2	6	29	34	136	61	31	24	52	58	78	68	44	65	21	22	35	20	13	1	-	-	800	-	3		
61	LV	LV Line	LV OH Conductor	km	-	3	10	41	58	45	41	5	4	1	2	2	2	1	2	1	2	2	1	0	0	-	-	224	-	3			
62	LV	LV Cable	LV UG Cable	km	-	-	-	35	98	112	154	32	16	6	23	36	34	31	19	17	8	4	3	3	0	-	-	638	-	3			
63	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-	-	1	21	56	70	72	19	5	3	12	17	16	15	11	10	3	1	0	1	0	0	-	-	336	-	3		
64	LV	Connections	OH/UG consumer service connections	No.	-	-	-	-	-	-	500	1,200	534	810	30	-	1,372	-	1,155	612	240	372	177	215	219	-	24,000	31,436	-	2			
65	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	-	-	43	4	107	20	4	2	-	-	6	-	16	1	10	86	11	22	2	7	36	50	-	-	427	-	3		
66	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4		
67	All	Capacitor Banks	Capacitors including controls	No.	-	-	-	4	2	2	9	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	3		
68	All	Load Control	Centralised plant	Lot	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	4		
69	All	Load Control	Relays	Lot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
70	All	Civils	Cable Tunnels	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		

Company Name

Top Energy Ltd

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

		Overhead (km)	Underground (km)	Total circuit length (km)
9				
10	Circuit length by operating voltage (at year end)			
11	> 66kV	56	-	56
12	50kV & 66kV	-	-	-
13	33kV	270	16	286
14	SWER (all SWER voltages)	452	2	453
15	22kV (other than SWER)	23	9	32
16	6.6kV to 11kV (inclusive—other than SWER)	2,092	172	2,265
17	Low voltage (< 1kV)	224	638	863
18	Total circuit length (for supply)	3,117	838	3,955
19				
20	Dedicated street lighting circuit length (km)	10	326	336
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			788
22				
23	Overhead circuit length by terrain (at year end)			
24	Urban	176	6%	
25	Rural	2,004	64%	
26	Remote only	5	0%	
27	Rugged only	663	21%	
28	Remote and rugged	-	-	
29	Unallocated overhead lines	268	9%	
30	Total overhead length	3,117	100%	
31				
32				
33	Length of circuit within 10km of coastline or geothermal areas (where known)	3,675	93%	
34				
35	Overhead circuit requiring vegetation management	269	9%	

Company Name	Top Energy Ltd
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				Number of ICPs served	Line charge revenue (\$000)
8		Location *			
9		Kerikeri Retirement Centre (Simply Energy)		59	59
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 **Top Energy Ltd**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

9e(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by EDB*

Residential
Commercial
Industrial
Unmetered

* include additional rows if needed

Connections total

Number of
connections (ICPs)

345
6
-
3
-

354

Distributed generation

Number of connections made in year

Capacity of distributed generation installed in year

44 connections

0 MVA

9e(ii): System Demand**Maximum coincident system demand**

GXP demand

plus Distributed generation output at HV and above

Maximum coincident system demand

less Net transfers to (from) other EDBs at HV and above

Demand on system for supply to consumers' connection points

Demand at time
of maximum
coincident
demand (MW)

46
24
70
-
70

Electricity volumes carried

Electricity supplied from GXPs

less Electricity exports to GXPs

plus Electricity supplied from distributed generation

less Net electricity supplied to (from) other EDBs

Electricity entering system for supply to consumers' connection points

less Total energy delivered to ICPs

Electricity losses (loss ratio)

Energy (GWh)

Energy (GWh)

162
(0)
197
359
324
35

9.8%

Load factor

1

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

Distribution transformer capacity (Non-EDB owned)

Total distribution transformer capacity

Zone substation transformer capacity

(MVA)

266
42
308
255

Company Name **Top Energy Ltd**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

10(i): Interruptions**Interruptions by class****Number of interruptions**

Class A (planned interruptions by Transpower)	-
Class B (planned interruptions on the network)	137
Class C (unplanned interruptions on the network)	394
Class D (unplanned interruptions by Transpower)	1
Class E (unplanned interruptions of EDB owned generation)	-
Class F (unplanned interruptions of generation owned by others)	-
Class G (unplanned interruptions caused by another disclosing entity)	-
Class H (planned interruptions caused by another disclosing entity)	-
Class I (interruptions caused by parties not included above)	-
Total	532

Interruption restoration**≤3Hrs >3hrs**

Class C interruptions restored within

200	194
-----	-----

SAIFI and SAIDI by class**SAIFI SAIDI**

Class A (planned interruptions by Transpower)	-	-
Class B (planned interruptions on the network)	0	22
Class C (unplanned interruptions on the network)	5	478
Class D (unplanned interruptions by Transpower)	0	12
Class E (unplanned interruptions of EDB owned generation)	-	-
Class F (unplanned interruptions of generation owned by others)	-	-
Class G (unplanned interruptions caused by another disclosing entity)	-	-
Class H (planned interruptions caused by another disclosing entity)	-	-
Class I (interruptions caused by parties not included above)	-	-
Total	5.69	512.3

Normalised SAIFI and SAIDI**Normalised SAIFI Normalised SAIDI**

Classes B & C (interruptions on the network)

5	465
---	-----

Quality path normalised reliability limit**SAIFI reliability limit SAIDI reliability limit**

SAIFI and SAIDI limits applicable to disclosure year*

8	580
---	-----

* not applicable to exempt EDBs

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

Lightning	1	39
Vegetation	1	79
Adverse weather	0	18
Adverse environment	0	0
Third party interference	0	44
Wildlife	0	8
Human error	0	0
Defective equipment	2	230
Cause unknown	1	60

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

Subtransmission lines	-	-
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	0	20
Distribution cables (excluding LV)	0	2
Distribution other (excluding LV)	-	-

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

Subtransmission lines	2	124
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	3	349
Distribution cables (excluding LV)	0	6
Distribution other (excluding LV)	-	-

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

	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	20	326	6.13
Subtransmission cables	-	16	-
Subtransmission other	-	-	-
Distribution lines (excluding LV)	365	2,565	14.23
Distribution cables (excluding LV)	9	185	4.87
Distribution other (excluding LV)	-	-	-
Total	394		

Company Name	Top Energy Limited
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For Year Ended	31 March 2014
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Schedule 14 Mandatory Explanatory Notes

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012)

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 2.5.2.
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 12 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 clause 2.7.1(2).

Box 1: Explanatory comment on return on investment

There have been no reclassified items in these disclosures. The monthly ROI has been disclosed on the basis that cashflows in the first/last 3 months are greater than 40% of annual cashflows. This is driven by completion of several large projects during February and March 2014.

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 regulatory line income' other than gains and losses on asset sales, as disclosed in 3(i) of Schedule 3
 - 5.2 information on reclassified items in accordance with clause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit

Other income consists of reimbursement of fault expenses received by external parties \$155k, Transpower loss and constraints payments \$312k , and reimbursement by Ngawha Generation Ltd of \$73k for Network support costs and connection charges .

There are no reclassified items.

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 clause 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

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 clause 2.7.1(2).

Box 4: Explanatory comment on the value of the regulatory asset based (rolled forward)

In 4(vii), during the review of linking our asset register categories to the RAB category worksheet, we identified several assets that were not appropriately grouped. As a result we have reallocated values between asset categories to correct this. There is no change to the overall total RAB value.

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

8. In the box below, provide descriptions and workings of the following items, as recorded in the asterisked categories in 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

Line 11 – The total comprises disallowed entertainment expenses (\$9k). This item falls within category 8.2 above.

Line 16 – comprises of the revaluation on assets as calculated in schedule 3(i). This item falls within category 8.3 above.

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

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

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

The total comprises timing differences arising from the movement in payroll accruals between the beginning and end of the year to 31 March 2014 (\$57k), multiplied by the tax rate of 28%.

Related party transactions: disclosure of related party transactions (Schedule 5b)

10. In the box below, provide descriptions of related party transactions beyond those disclosed on schedule 5b including identification and descriptions as to the nature of directly attributable costs disclosed under clause 2.3.6(1)(b).

Box 7: Related party transactions

Line 23 – Avoided Transmission Charges are paid by TEN in respect of embedded generation provided by Ngawha Generation Ltd (NGL). These charges are based on the Transpower market rate.

Line 24 – The Ngawha Connection Agreement charge is levied on NGL and is calculated based on the dedicated network asset value multiplied by the vanilla WACC.

Line 25 – The Injection charges levied on NGL are calculated based on the Transpower market rate.

Line 26 – Call centre services are provided by Phone Plus 2000 Ltd (PPL) in respect of inquiry and fault calls. The charges to Top Energy Ltd Network (TEN) are calculated at the prevailing market rates as applied to work undertaken for PPL's external customer base. Services provided to TEN by PPL do not constitute a material element of PPL's turnover.

Line 27 – Asset construction services are provided by Top Energy Contracting Services (TECS), a division of Top Energy Ltd (TEL). Services are provided as contracted by TEN and are charged on a cost recovery basis.

Line 28 – Asset maintenance services are also provided to TEN by TECS in respect of the system fixed asset. Services are provided as contracted by TEN and are charged at cost.

Cost allocation (Schedule 5d)

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

Box 8: Cost allocation

No changes have been made to cost allocations during the period.

Asset allocation (Schedule 5e)

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

Box 9: Commentary on asset allocation

There are no allocations due to using ACAM.

Capital Expenditure for the Disclosure Year (Schedule 6a)

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

- 13.1 a description of the materiality threshold applied to identify material projects and programmes described in Schedule 6a;
- 13.2 information on reclassified items in accordance with clause 2.7.1(2),

Box 10: Explanation of capital expenditure for the disclosure year

The Top Energy Asset Management Plan identifies a program of work consisting of a set of defined projects which are to be undertaken in any financial year. These projects are the basis on which the year's disclosed CAPEX expenditure is based. All projects are identified by the asset classification (transmission, distribution, substations etc) and type of work (system growth, relocation, replacement etc).

For non-network assets, assets are grouped into the respective asset category. .

No information has been reclassified.

Operational Expenditure for the Disclosure Year (Schedule 6b)

- 14. In the box below, comment on operational expenditure for the disclosure year, as disclosed in Schedule 6b. This comment must include-
 - 14.1 commentary on assets replaced or renewed with asset replacement and renewal operating expenditure, as reported in 6b(i) of Schedule 6b;
 - 14.2 information on reclassified items in accordance with clause 2.7.1(2);
 - 14.3 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 11: Explanation of operational expenditure for the disclosure year

Top Energy reports all Fault and Emergency asset replacement as CAPEX under asset replacement. Only the activities of locating of looking for and finding a fault or defected item of equipment and repair of that equipment are reported as OPEX.

No items were re-classified in the Disclosure Year

No atypical operational expenditure was incurred.

Variance between forecast and actual expenditure (Schedule 7)

- 15. 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 clause 2.7.1(2).

Box 12: Explanatory comment on variance in actual to forecast expenditure

Customer connection costs were higher than forecast due an increase in larger customer activity and investment in localised network reinforcement to accommodate customer demand.

Project programming necessitated the shift of some project work forward and others backward from FYE 14 to FYE 15 and vice versa. This change of project mix created some additional variance between project categories and the actual CAPEX spend for the year. Variances to System growth and asset replacement and renewal categories are due to project timelines carrying projects over into the following financial year. The variance in the Quality of Supply category is due to transmission project deferrals while property consenting processes are completed.

Service interruption and emergencies expense was higher due to weather caused faults being worse than anticipated during the year including a major weather event occurring.

Non Network Opex values for Target 2014 were obtained from internal budgets.

Information relating to revenue and quantities for the disclosure year

16. In the box below provide-

- 16.1 a comparison of the target revenue disclosed before the start of the disclosure year, in accordance with clauses 2.4.1 and 2.4.3(3) to total billed line charge revenue for the disclosure year, as disclosed in Schedule 8; and
- 16.2 explanatory comment on reasons for any material differences between target revenue and total billed line charge revenue.

Box 13: Explanatory comment relating to revenue for the disclosure year

No differences for tariff structure, with categories of Industrial, Commercial and Residential. A posted discount was paid out in October 2013 for \$5031k.

Revenue was lower than target as residential consumption was below expectations.

Network Reliability for the Disclosure Year (Schedule 10)

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

Box 14: Commentary on network reliability for the disclosure year

During this disclosure year we experienced two Major Event days. On the 28th of May 2013 the Network experienced a severe storm with high winds and on the 15th of March 2014 the Network was affected by Cyclone Lusi. This was normalised as part of our disclosure. Performance still remained within the regulatory threshold. There has been no change during this reporting year to our methodology to acquire, calculate or in the recording of customer outage minutes. The Network investment programme and preventative maintenance work carried out will have assisted in minimising the effects of the series of extreme weather systems experienced in the region this year.

Insurance cover

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

- 18.1 the EDB's approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;
- 18.2 in respect of any self insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

Box 15: Explanation of insurance cover

Insurance is obtained for assets of a material nature that are contained in one location. For example, substation assets are insured; however individual poles and conductor/cable across the network are not. Inventory and critical spares are also insured due to common storage locations. Insurance levels are approx. \$78million.

A major event that would affect assets that are self insured (poles and conductor/cables) would require additional debt facilities to be obtained. There is no reinsurance.

Company Name	Top Energy Limited
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For Year Ended	31 March 2014
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Schedule 14a Mandatory Explanatory Notes on Forecast Information

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012)

1. This Schedule provides for EDBs to provide explanatory notes to reports prepared in accordance with clause 2.6.5.
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 disclosure year, as disclosed in Schedule 11a.

Box 1: Commentary on difference between nominal and constant price capital expenditure forecasts

A CPI of 2.0% has been assumed from 2016 onwards. This has been applied as it is the mid point of the Reserve Bank's target inflation rate of 2-3%.

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 disclosure year, as disclosed in Schedule 11b.

Box 2: Commentary on difference between nominal and constant price operational expenditure forecasts

A CPI of 2.0% has been assumed from 2016 onwards. This has been applied as it is the mid point of the Reserve Bank's target inflation rate of 2-3%.

Company Name	Top Energy Limited
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For Year Ended	31 March 2014
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Schedule 15 Voluntary Explanatory Notes

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012)

1. This Schedule enable 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, 2.5.2, and 2.6.5;
 - 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

Further to the instruction from the Commerce Commission workshop in March 2014, we have recalculated the ROI in Schedule 2(i) for CY-2 and CY-1 after altering the regulatory tax allowance to account for asset revaluations in schedule 5a(i), row 16.

As noted in the issue register (#259), the Cost of debt disclosed in schedule 2 of 5.56% includes debt issuance costs of 0.35%. These values have been obtained from the Cost of capital determination for information disclosure year 2014 document, dated 29 April 2013.

The regulatory tax disposals value of \$298k as disclosed in schedule 5a(iii) differs from the RAB asset disposals in schedule 4 by \$235k. The difference relates to a tax adjustment for capital spares.

We have previously disclosed the following changes to the Commission:

- Schedule 5a(iii) – We have amended the opening balance by \$1,225m to correct the Adjustment for unamortised initial differences in assets acquired (row 38) disclosed in FY13. This related to assets acquired from Transpower and should have been \$0. By changing the opening balance in FY14, this has ensured that the calculation for Amortisation of initial differences in asset values (row 37) is correct.
- Schedule 5a(vi) – We have amended the opening balance of deferred tax by \$173k to correct the Deferred tax balance relating to assets acquired in the disclosure year (row 75) in FY13. This related to assets acquired from Transpower and should have been \$0.



EDB Information Disclosure Requirements
Information Templates
for
Schedules 11a–13

Company Name	Top Energy Ltd
Disclosure Date	31 March 2014
AMP Planning Period Start Date (first day)	1 April 2014

Templates for Schedules 11a–13 (Asset Management Plan)
Template Version 3.0. Prepared 13 December 2013

Table of Contents

Schedule Description

Asset Management Plan Schedule Templates

- 11a [Report on Forecast Capital Expenditure](#)
- 11b [Report on Forecast Operational Expenditure](#)
- 12a [Report on Asset Condition](#)
- 12b [Report on Forecast Capacity](#)
- 12c [Report on Forecast Demand](#)
- 12d [Report on Forecast Interruptions and Duration](#)
- 13 [Report on Asset Management Maturity](#)

Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by EDBs when making disclosures under subclauses 2.6.1(4), 2.6.1(5) and 2.6.5(5) of the Electricity Distribution Information Disclosure Determination 2012. Disclosures made under subclauses 2.6.1(4) and 2.6.1(5) must be made before the start of each disclosure year. Disclosures made under subclauses 2.6.5(5) must be made within 5 months after the start of the disclosure year. The information disclosed under 2.6.5(5) should be identical to that disclosed under 2.6.1(4) and 2.6.1(5).

Under clause 2.6.3, EDBs can elect to complete and publicly disclose before the start of the disclosure year, an **AMP update**.

EDBs can elect to complete and publicly disclose an AMP update instead of a full AMP in the following years:

- 31 March 2014
- 31 March 2015

If electing to complete an AMP update, EDBs can choose to not complete and disclose Schedule 13: Report on Asset Management Maturity Table. Schedule 13 sheet should be removed if not completed.

If disclosing a Full AMP, EDBs must complete and disclose Schedule 13.

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 first day of the 10 year planning period 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 (planning period start date) is used to calculate disclosure years in the column headings that show above some of the tables. It is also used to calculate the AMP planning period dates 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 guard against errors in data entry, some data entry cells test entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names or to values between 0% and 100%.

Where this occurs, a validation message will appear when data is being entered.

Conditional Formatting Settings on Data Entry Cells

Schedule 12a columns G to K contains conditional formatting. The cells will change colour if the row totals do not add to 100%.

Inserting Additional Rows

The templates for schedules 11a, 12b and 12c may require additional rows to be inserted in tables marked 'include additional rows if needed'.

Additional rows 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.

For schedule 12b the formula for column J (Utilisation of Installed Firm Capacity %) will need to be copied into the inserted row(s).

Schedule 11a & 11b

Schedule 11a requires Capital and Operational Expenditure to be expressed in both nominal and constant prices.

The differences between the nominal and constant prices should reflect EDB expectations of the impact of changes in the costs of its labour, materials and other inputs (ie, inflationary pressures).

Schedule 12b(ii)

The purpose of schedule 12b(ii) is to disclose transformer capacity as at the end of the current year. As the information may not be available in time for disclosures made under subclause 2.6.1(4), but available for disclosures made under 2.6.5(5), EDBs can choose not to disclose transformer capacity under schedule 12b(ii). EDBs who do not disclose transformer capacity under schedule 12b(ii) must disclose the information in schedule 9e(iii). Accordingly, the Excel template has been modified to allow the value "N/A" to be entered into these input cells.

Schedule 12d Report Forecast Interruptions and Duration sub-network disclosures

If the supplier has sub-networks, schedule 12d must be completed for the network and for each sub-network. A copy of the schedule 12d worksheet must be made for each sub-network.

Schedule 13 Report on Asset Management Maturity

The name of the standard applied (eg, 'PAS55') must be entered in cell K4.

Company Name **Top Energy Ltd**
 AMP Planning Period **1 April 2014 – 31 March 2024**

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

EDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).

This information is not part of audited disclosure information.

sch ref

7			Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
8		for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
9	11a(i): Expenditure on Assets Forecast		\$000 (in nominal dollars)										
10	Consumer connection		1,135	1,000	1,275	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793
11	System growth		8,859	2,830	419	1,968	532	6,958	8,354	5,510	8,761	9,792	10,364
12	Asset replacement and renewal		2,883	9,039	3,337	5,843	7,641	6,055	7,821	12,794	10,079	10,971	7,295
13	Asset relocations		-	-	-	-	-	-	-	-	-	-	-
14	Reliability, safety and environment:												
15	Quality of supply		3,366	9,175	11,541	9,911	8,501	1,218	558	2,225	2,027	996	2,133
16	Legislative and regulatory		-	-	-	-	-	-	-	-	-	-	-
17	Other reliability, safety and environment		1,233	2,735	158	195	3	925	530	-	612	-	574
18	Total reliability, safety and environment		4,599	11,910	11,699	10,106	8,504	2,143	1,088	2,225	2,639	996	2,707
19	Expenditure on network assets		17,476	24,778	16,730	19,478	18,269	16,779	18,919	22,218	23,202	23,517	22,159
20	Non-network assets		150	276	255	312	318	325	331	338	345	351	359
21	Expenditure on assets		17,626	25,054	16,985	19,790	18,588	17,104	19,250	22,556	23,546	23,868	22,517
22													
23	plus Cost of financing		209	315	779	1,566							
24	less Value of capital contributions		450	800	1,020	1,301	1,327	1,353	1,380	1,408	1,436	1,465	1,494
25	plus Value of vested assets		25	50	50	50	75	75	75	100	100	100	100
26													
27	Capital expenditure forecast		17,410	24,620	16,794	20,105	17,336	15,826	17,945	21,249	22,210	22,504	21,123
28													
29	Value of commissioned assets		14,156	18,932	6,620	11,101	51,171	15,826	17,945	21,249	22,210	22,504	21,123
30													
31			Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
32		for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
33			\$000 (in constant prices)										
34	Consumer connection		1,135	1,000	1,250	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
35	System growth		8,859	2,830	411	1,892	501	6,428	7,567	4,893	7,627	8,357	8,673
36	Asset replacement and renewal		2,883	9,039	3,271	5,616	7,201	5,593	7,084	11,361	8,774	9,364	6,104
37	Asset relocations		-	-	-	-	-	-	-	-	-	-	-
38	Reliability, safety and environment:												
39	Quality of supply		3,366	9,175	11,315	9,526	8,011	1,125	505	1,976	1,765	850	1,785
40	Legislative and regulatory		-	-	-	-	-	-	-	-	-	-	-
41	Other reliability, safety and environment		1,233	2,735	155	188	3	855	480	-	533	-	480
42	Total reliability, safety and environment		4,599	11,910	11,470	9,714	8,014	1,980	985	1,976	2,298	850	2,265
43	Expenditure on network assets		17,476	24,778	16,402	18,721	17,216	15,501	17,136	19,729	20,199	20,071	18,542
44	Non-network assets		150	276	250	300	300	300	300	300	300	300	300
45	Expenditure on assets		17,626	25,054	16,652	19,021	17,516	15,801	17,436	20,029	20,499	20,371	18,842
46	Subcomponents of expenditure on assets (where known)												
47	Energy efficiency and demand side management, reduction of energy losses												
48	Overhead to underground conversion												
49	Research and development												

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

EDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes). This information is not part of audited disclosure information.

5 AMP 2014 Schedules 11a to 13 - Publish S11a.Capex Forecast

Company Name **Top Energy Ltd**
 AMP Planning Period **1 April 2014 – 31 March 2024**

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

EDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).

This information is not part of audited disclosure information.

sch ref

		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19
103							
104							
105	11a(iv): Asset Replacement and Renewal	\$000 (in constant prices)					
106	Subtransmission	520	1,550	834	2,161	1,189	797
107	Zone substations	218	4,215	305	929	2,227	1,183
108	Distribution and LV lines	1,074	1,709	1,017	1,411	1,606	2,370
109	Distribution and LV cables	161	244	174	173	179	193
110	Distribution substations and transformers	733	1,078	769	768	1,597	856
111	Distribution switchgear	161	244	174	173	404	193
112	Other network assets	16					
113	Asset replacement and renewal expenditure	2,883	9,039	3,271	5,616	7,201	5,593
114	less Capital contributions funding asset replacement and renewal						
115	Asset replacement and renewal less capital contributions	2,883	9,039	3,271	5,616	7,201	5,593
116	11a(v):Asset Relocations						
117	<i>Project or programme*</i>						
118							
119							
120							
121							
122							
123	<i>*include additional rows if needed</i>						
124	All other asset relocations projects or programmes						
125	Asset relocations expenditure			-		-	-
126	less Capital contributions funding asset relocations						
127	Asset relocations less capital contributions			-		-	-
128							
129	11a(vi):Quality of Supply						
130	<i>Project or programme*</i>						
131	Wiroa-Kaitia 110kV Line	1,375	6,172	10,415	8,739	7,435	-
132	Distribution network reliability	1,123	1,636	125	-	8	200
133	Distribution network quality		275	275	275	275	275
134	Orohahoe swutching station				160	-	510
135	Communications, protection & SCADA	811	1,092	500	353	293	140
136	<i>*include additional rows if needed</i>						
137	All other quality of supply projects or programmes	57					
138	Quality of supply expenditure	3,366	9,175	11,315	9,526	8,011	1,125
139	less Capital contributions funding quality of supply						
140	Quality of supply less capital contributions	3,366	9,175	11,315	9,526	8,011	1,125
141							
142	11a(vii): Legislative and Regulatory						
143	<i>Project or programme*</i>						
144							
145							
146							
147							
148							
149	<i>*include additional rows if needed</i>						
150	All other legislative and regulatory projects or programmes						
151	Legislative and regulatory expenditure		-	-	-	-	-
152	less Capital contributions funding legislative and regulatory						
153	Legislative and regulatory less capital contributions		-	-	-	-	-

Company Name **Top Energy Ltd**
 AMP Planning Period **1 April 2014 – 31 March 2024**

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

EDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).

This information is not part of audited disclosure information.

sch ref

11a(viii): Other Reliability, Safety and Environment

Project or programme*

Kaikohe outdoor-indoor replacement
Other substation environmental and safety
Substation security upgrades

\$000 (in constant prices)

Current Year CY for year ended 31 Mar 14	CY+1 31 Mar 15	CY+2 31 Mar 16	CY+3 31 Mar 17	CY+4 31 Mar 18	CY+5 31 Mar 19
1,200	2,560				
33	85	-	188	3	855
	90	155			

*Include additional rows if needed

All other reliability, safety and environment projects or programmes

Other reliability, safety and environment expenditure

1,233	2,735	155	188	3	855
-------	-------	-----	-----	---	-----

less Capital contributions funding other reliability, safety and environment

Other reliability, safety and environment less capital contributions

1,233	2,735	155	188	3	855
-------	-------	-----	-----	---	-----

11a(ix): Non-Network Assets

Routine expenditure

Project or programme*

*Include additional rows if needed

All other routine expenditure projects or programmes

Routine expenditure

150	276	250	300	300	300
150	276	250	300	300	300

Atypical expenditure

Project or programme*

*Include additional rows if needed

All other atypical projects or programmes

Atypical expenditure

-	-	-	-	-	-
---	---	---	---	---	---

Non-network assets expenditure

150	276	250	300	300	300
-----	-----	-----	-----	-----	-----

Company Name	Top Energy Ltd
AMP Planning Period	1 April 2014 – 31 March 2024

SCHEDULE 11b: REPORT ON FORECAST OPERATIONAL EXPENDITURE

This schedule requires a breakdown of forecast operational expenditure for the disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. EDBs must provide explanatory comment on the difference between constant price and nominal dollar operational expenditure forecasts in Schedule 14a (Mandatory Explanatory Notes). This information is not part of audited disclosure information.

sch ref		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
9	Operational Expenditure Forecast	\$000 (in nominal dollars)										
10	Service interruptions and emergencies	1,495	1,500	1,530	1,561	1,592	1,624	1,656	1,706	1,757	1,810	1,866
11	Vegetation management	1,850	2,145	1,534	1,210	1,264	1,345	1,414	1,457	1,500	1,547	1,593
12	Routine and corrective maintenance and inspection	1,000	2,036	2,078	1,958	2,065	2,127	2,226	2,293	2,363	2,434	2,507
13	Asset replacement and renewal	575	616	557	577	601	646	679	700	720	743	765
14	Network Opex	4,920	6,297	5,699	5,306	5,521	5,742	5,975	6,157	6,341	6,533	6,731
15	System operations and network support	3,284	4,024	4,136	4,323	4,610	4,819	5,038	5,268	5,507	5,758	6,020
16	Business support	4,548	3,240	3,367	3,499	3,636	3,779	3,927	4,081	4,241	4,408	4,581
17	Non-network opex	7,832	7,265	7,503	7,822	8,246	8,598	8,965	9,349	9,749	10,166	10,602
18	Operational expenditure	12,752	13,562	13,202	13,128	13,768	14,340	14,941	15,505	16,089	16,699	17,332
19		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
20	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
21		\$000 (in constant prices)										
22	Service interruptions and emergencies	1,495	1,500	1,500	1,500	1,500	1,500	1,500	1,515	1,530	1,545	1,561
23	Vegetation management	1,850	2,145	1,504	1,163	1,191	1,243	1,281	1,294	1,306	1,320	1,333
24	Routine and corrective maintenance and inspection	1,000	2,036	2,037	1,882	1,946	1,965	2,016	2,036	2,057	2,077	2,098
25	Asset replacement and renewal	575	616	546	555	566	597	615	622	627	634	640
26	Network Opex	4,920	6,297	5,587	5,100	5,203	5,305	5,412	5,467	5,520	5,576	5,632
27	System operations and network support	3,284	4,024	4,055	4,156	4,344	4,452	4,563	4,677	4,794	4,914	5,037
28	Business support	4,548	3,240	3,301	3,363	3,426	3,491	3,557	3,624	3,692	3,762	3,833
29	Non-network opex	7,832	7,265	7,356	7,519	7,770	7,943	8,120	8,301	8,487	8,677	8,871
30	Operational expenditure	12,752	13,562	12,943	12,619	12,973	13,248	13,532	13,768	14,007	14,253	14,503
31	Subcomponents of operational expenditure (where known)											
32	Energy efficiency and demand side management, reduction of											
33	energy losses											
34	Direct billing*											
35	Research and Development											
36	Insurance	235	238	241	245	248	252	252	252	252	252	252
37	* Direct billing expenditure by suppliers that direct bill the majority of their consumers											
38												
39		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
40	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
41	Difference between nominal and real forecasts	\$000										
42	Service interruptions and emergencies	-	-	30	61	92	124	156	191	227	265	305
43	Vegetation management	-	-	30	47	73	102	133	163	194	227	260
44	Routine and corrective maintenance and inspection	-	-	41	76	119	162	210	257	306	357	409
45	Asset replacement and renewal	-	-	11	22	35	49	64	78	93	109	125
46	Network Opex	-	-	112	206	318	437	563	690	821	957	1,099
47	System operations and network support	-	-	81	168	266	367	475	590	713	844	983
48	Business support	-	-	66	136	210	288	370	457	549	646	748
49	Non-network opex	-	-	147	304	476	655	845	1,047	1,262	1,489	1,731
50	Operational expenditure	-	-	259	510	794	1,092	1,408	1,737	2,083	2,447	2,829

Company Name

Top Energy Ltd

AMP Planning Period

1 April 2014 – 31 March 2024

SCHEDULE 12a: REPORT ON ASSET CONDITION

This schedule requires a breakdown of asset condition by asset class as at the start of the forecast year. The data accuracy assessment relates to the percentage values disclosed in the asset condition columns. Also required is a forecast of the percentage of units to be replaced in the next 5 years. All information should be consistent with the information provided in the AMP and the expenditure on assets forecast in Schedule 11a. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

Asset condition at start of planning period (percentage of units by grade)

	Voltage	Asset category	Asset class	Units	Grade 1	Grade 2	Grade 3	Grade 4	Grade unknown	Data accuracy (1-4)	% of asset forecast to be replaced in next 5 years
7											
8											
9											
10	All	Overhead Line	Concrete poles / steel structure	No.	-	1.00%	92.00%	7.00%	-	2	4.00%
11	All	Overhead Line	Wood poles	No.	17.00%	11.00%	71.00%	1.00%	-	2	20.00%
12	All	Overhead Line	Other pole types	No.	-	-	-	100.00%	-	4	-
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	-	-	88.00%	12.00%	-	2	-
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	100.00%	-	-	2	-
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	-	-	7.00%	93.00%	-	3	-
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	NA	NA	NA	NA	NA	N/A	NA
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	NA	NA	NA	NA	NA	N/A	NA
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	NA	NA	NA	NA	NA	N/A	NA
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	NA	NA	NA	NA	NA	N/A	NA
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	NA	NA	NA	NA	NA	N/A	NA
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	NA	NA	NA	NA	NA	N/A	NA
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	NA	NA	NA	NA	NA	N/A	NA
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	NA	NA	NA	NA	NA	N/A	NA
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	-	16.00%	68.00%	16.00%	-	4	10.00%
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	100.00%	-	-	4	-
26	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	100.00%	-	4	-
27	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	-	43.00%	37.00%	20.00%	-	3	20.00%
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	36.00%	54.00%	10.00%	-	3	15.00%
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	NA	NA	NA	NA	NA	N/A	NA
30	HV	Zone substation switchgear	33kV RMU	No.	NA	NA	NA	NA	NA	N/A	NA
31	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	NA	NA	NA	NA	NA	N/A	NA
32	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	40.00%	-	60.00%	-	4	20.00%
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	8.00%	92.00%	-	-	3	8.00%
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	19.00%	54.00%	27.00%	-	3	-

Company Name

Top Energy Ltd

AMP Planning Period

1 April 2014 – 31 March 2024

SCHEDULE 12a: REPORT ON ASSET CONDITION

This schedule requires a breakdown of asset condition by asset class as at the start of the forecast year. The data accuracy assessment relates to the percentage values disclosed in the asset condition columns. Also required is a forecast of the percentage of units to be replaced in the next 5 years. All information should be consistent with the information provided in the AMP and the expenditure on assets forecast in Schedule 11a. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

Asset condition at start of planning period (percentage of units by grade)

	Voltage	Asset category	Asset class	Units	Grade 1	Grade 2	Grade 3	Grade 4	Grade unknown	Data accuracy (1–4)	% of asset forecast to be replaced in next 5 years
42											
43											
44											
45	HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	6.00%	83.00%	11.00%	-	4	5.00%
46	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2.00%	2.00%	92.00%	4.00%	-	2	2.00%
47	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	NA	NA	NA	NA	NA	N/A	NA
48	HV	Distribution Line	SWER conductor	km	16.00%	8.00%	73.00%	3.00%	-	2	2.00%
49	HV	Distribution Cable	Distribution UG XLPE or PVC	km	-	-	70.00%	30.00%	-	2	-
50	HV	Distribution Cable	Distribution UG PILC	km	-	-	99.00%	1.00%	-	2	-
51	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	100.00%	-	-	2	-
52	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	4.00%	1.00%	15.00%	80.00%	-	3	2.50%
53	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	NA	NA	NA	NA	NA	N/A	NA
54	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	-	29.00%	53.00%	18.00%	-	2	2.50%
55	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	-	-	-	100.00%	-	4	-
56	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	2.00%	5.00%	55.00%	38.00%	-	2	2.00%
57	HV	Distribution Transformer	Pole Mounted Transformer	No.	8.00%	2.00%	74.00%	16.00%	-	2	2.50%
58	HV	Distribution Transformer	Ground Mounted Transformer	No.	1.00%	-	85.00%	14.00%	-	2	1.00%
59	HV	Distribution Transformer	Voltage regulators	No.	-	-	77.00%	23.00%	-	3	-
60	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	-	100.00%	2	-
61	LV	LV Line	LV OH Conductor	km	3.00%	-	94.00%	3.00%	-	2	3.00%
62	LV	LV Cable	LV UG Cable	km	1.00%	4.00%	91.00%	4.00%	-	2	
63	LV	LV Streetlighting	LV OH/UG Streetlight circuit	km	-	-	95.00%	5.00%	-	2	
64	LV	Connections	OH/UG consumer service connections	No.	-	2.00%	83.00%	15.00%	-	2	
65	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	10.00%	6.00%	70.00%	14.00%	-	3	10.00%
66	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	3.00%	19.00%	78.00%	-	-	3	20.00%
67	All	Capacitor Banks	Capacitors including controls	No.	-	9.00%	86.00%	5.00%	-	2	9.00%
68	All	Load Control	Centralised plant	Lot	-	-	100.00%	-	-	4	-
69	All	Load Control	Relays	No.	NA	NA	NA	NA	NA	[Select one]	NA
70	All	Civils	Cable Tunnels	km	NA	NA	NA	NA	NA	[Select one]	NA

Company Name
AMP Planning Period

Top Energy Ltd
1 April 2014 – 31 March 2024

SCHEDULE 12b: REPORT ON FORECAST CAPACITY

This schedule requires a breakdown of current and forecast capacity and utilisation for each zone substation and current distribution transformer capacity. The data provided should be consistent with the information provided in the AMP. Information provided in this table should relate to the operation of the network in its normal steady state configuration.

sch ref

12b(i): System Growth - Zone Substations

	Current Peak Load (MVA)	Installed Firm Capacity (MVA)	Security of Supply Classification (type)	Transfer Capacity (MVA)	Utilisation of Installed Firm Capacity %	Installed Firm Capacity +5 years (MVA)	Utilisation of Installed Firm Capacity + 5yrs %	Installed Firm Capacity Constraint +5 years (cause)	Explanation
<i>Existing Zone Substations</i>									
Kaikohe	10	17	N-1	1	59%	17	59%	No constraint within +5 years	
Kawakawa	6	5	N-1	3	114%	5	126%	Transformer	Sufficient transfer capacity from Moerewa and Haruru is available to accommodate a peak demand contingency.
Moerewa	3	8	N-1	2	45%	8	45%	No constraint within +5 years	
Waipapa	11	23	N-1	6	48%	23	51%	No constraint within +5 years	
Omanaia	2	-	N-0	0	-	-	-	Transformer	Mobile transformer available.
Haruru	5	23	N-1	1	23%	23	26%	No constraint within +5 years	
Mt Pokaka	2	-	N-0	1	-	-	-	Transformer	Sufficient transfer capacity available to supply most load. Mobile transformer is also available.
Kerikeri	6	23	N-1	6	28%	23	30%	No constraint within +5 years	
Okahu Rd	9	12	N-1	4	79%	12	83%	No constraint within +5 years	
Taipa	6	-	N-0	4	-	-	-	Transformer	Transfer capacity is standby diesel generation installed at the substation site
Pukenui	2	-	N-0	0	-	-	-	Transformer	Mobile transformer available.
NPL	12	23	N-1	1	51%	23	52%	No constraint within +5 years	
Kaikohe 110kV	48	30	N-1	25	159%	30	168%	Transformer	Transfer capacity is Ngawha generation, which is connected to the 33kV subtransmission network and which is normally in operation.
Kaitaia 110kV	25	22	N-1	4	112%	-	115%	Transformer	One transformer currently being replaced with the second to be replaced in FYE 2020. Transfer capacity provided by standby diesel generation at Taipa.
					-			[Select one]	
					-			[Select one]	
					-			[Select one]	
					-			[Select one]	
					-			[Select one]	
					-			[Select one]	

¹ Extend forecast capacity table as necessary to disclose all capacity by each zone substation

12b(ii): Transformer Capacity

	(MVA)
Distribution transformer capacity (EDB owned)	247
Distribution transformer capacity (Non-EDB owned)	
Total distribution transformer capacity	247
Zone substation transformer capacity	280

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SCHEDULE 12C: REPORT ON FORECAST NETWORK DEMAND

This schedule requires a forecast of new connections (by consumer type), peak demand and energy volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the supporting information set out in the AMP as well as the assumptions used in developing the expenditure forecasts in Schedule 11a and Schedule 11b and the capacity and utilisation forecasts in Schedule 12b.

sch ref

12c(i): Consumer Connections

Number of ICPs connected in year by consumer type

	Number of connections					
	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19
Consumer types defined by EDB*						
Residential	31,475	31,725	31,975	32,225	32,475	32,725
Commercial	211	216	221	226	231	236
Industrial	3	3	3	3	3	3
Connections total	31,689	31,944	32,199	32,454	32,709	32,964

*include additional rows if needed

Distributed generation

Number of connections

Installed connection capacity of distributed generation (MVA)

2	2	2	2	2	2
31	31	31	31	31	31

12c(ii) System Demand**Maximum coincident system demand (MW)**

GXP demand

plus Distributed generation output at HV and above

Maximum coincident system demand

less Net transfers to (from) other EDBs at HV and above

Demand on system for supply to consumers' connection points

	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19
	45	46	46	47	47	48
	25	25	25	25	25	25
	70	71	71	72	72	73
	-	-	-	-	-	-
	70	71	71	72	72	73

Electricity volumes carried (GWh)

Electricity supplied from GXPs

less Electricity exports to GXPs

plus Electricity supplied from distributed generation

less Net electricity supplied to (from) other EDBs

Electricity entering system for supply to ICPs

less Total energy delivered to ICPs

Losses**Load factor****Loss ratio**

181	185	187	191	194	193
16	16	16	16	15	15
202	202	202	202	202	202
-	-	-	-	-	-
367	371	373	377	381	379
332	335	339	342	345	349
35	35	35	35	35	30
60%	60%	60%	60%	60%	59%
9.5%	9.5%	9.3%	9.3%	9.3%	8.0%

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Network / Sub-network Name

SCHEDULE 12d: REPORT FORECAST INTERRUPTIONS AND DURATION

This schedule requires a forecast of SAIFI and SAIDI for disclosure and a 5 year planning period. The forecasts should be consistent with the supporting information set out in the AMP as well as the assumed impact of planned and unplanned SAIFI and SAIDI on the expenditures forecast provided in Schedule 11a and Schedule 11b.

sch ref

		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19
8							
9							
10	SAIDI						
11	Class B (planned interruptions on the network)	21.0	76.0	76.0	76.0	20.0	20.0
12	Class C (unplanned interruptions on the network)	398.0	242.0	234.0	230.0	225.0	224.0
13	SAIFI						
14	Class B (planned interruptions on the network)	0.15	0.50	0.50	0.50	0.10	0.10
15	Class C (unplanned interruptions on the network)	4.85	3.70	3.60	3.50	3.40	3.30

					Company Name	Top Energy Ltd		
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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY

This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices.

Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document Information
3	Asset management policy	To what extent has an asset management policy been documented, authorised and communicated?	2	It is opinion of AMCL that Top Energy has compliance at risk for Clause 4.2. To rectify this, Top Energy should rectify any line of sight discontinuities between the strategic business direction and the Asset Management Policy. Top Energy should demonstrate that the Asset Management Policy has been authorised by Top Management and ensure it has been communicated to all stakeholders, and prior to a Certification Audit it should be able to demonstrate a review has been completed.		Widely used AM practice standards require an organisation to document, authorise and communicate its asset management policy (eg, as required in PAS 55 para 4.2 i). A key pre-requisite of any robust policy is that the organisation's top management must be seen to endorse and fully support it. Also vital to the effective implementation of the policy, is to tell the appropriate people of its content and their obligations under it. Where an organisation outsources some of its asset-related activities, then these people and their organisations must equally be made aware of the policy's content. Also, there may be other stakeholders, such as regulatory authorities and shareholders who should be made aware of it.	Top management. The management team that has overall responsibility for asset management.	The organisation's asset management policy, its organisational strategic plan, documents indicating how the asset management policy was based upon the needs of the organisation and evidence of communication.
10	Asset management strategy	What has the organisation done to ensure that its asset management strategy is consistent with other appropriate organisational policies and strategies, and the needs of stakeholders?	3	It is the opinion of AMCL that Top Energy has current compliance to Clause 4.3.1. Top Energy should ensure that it can demonstrate the content and detailed Processes and Procedures described in the Asset Management Plan can be demonstrated during a Certification Audit.		In setting an organisation's asset management strategy, it is important that it is consistent with any other policies and strategies that the organisation has and has taken into account the requirements of relevant stakeholders. This question examines to what extent the asset management strategy is consistent with other organisational policies and strategies (eg, as required by PAS 55 para 4.3.1 b) and has taken account of stakeholder requirements as required by PAS 55 para 4.3.1 c). Generally, this will take into account the same policies, strategies and stakeholder requirements as covered in drafting the asset management policy but at a greater level of detail.	Top management. The organisation's strategic planning team. The management team that has overall responsibility for asset management.	The organisation's asset management strategy document and other related organisational policies and strategies. Other than the organisation's strategic plan, these could include those relating to health and safety, environmental, etc. Results of stakeholder consultation.
11	Asset management strategy	In what way does the organisation's asset management strategy take account of the lifecycle of the assets, asset types and asset systems over which the organisation has stewardship?	3	It is the opinion of AMCL that Top Energy has current compliance to Clause 4.3.1. Top Energy should ensure that it can demonstrate the content and detailed Processes and Procedures described in the Asset Management Plan can be demonstrated during a Certification Audit.		Good asset stewardship is the hallmark of an organisation compliant with widely used AM standards. A key component of this is the need to take account of the lifecycle of the assets, asset types and asset systems. (For example, this requirement is recognised in 4.3.1 d) of PAS 55). This question explores what an organisation has done to take lifecycle into account in its asset management strategy.	Top management. People in the organisation with expert knowledge of the assets, asset types, asset systems and their associated life-cycles. The management team that has overall responsibility for asset management. Those responsible for developing and adopting methods and processes used in asset management	The organisation's documented asset management strategy and supporting working documents.
26	Asset management plan(s)	How does the organisation establish and document its asset management plan(s) across the life cycle activities of its assets and asset systems?	3	It is the opinion of AMCL that Top Energy has current compliance for Clause 4.3.3. Top Energy should ensure that it can demonstrate the content and detailed Processes and Procedures described in the Asset Management Plan can be demonstrated during a Certification Audit. This should ensure its Asset Management Plans cover all of the life cycle stages and the priorities and optimisation between and within each stage are clearly defined.		The asset management strategy need to be translated into practical plan(s) so that all parties know how the objectives will be achieved. The development of plan(s) will need to identify the specific tasks and activities required to optimize costs, risks and performance of the assets and/or asset system(s), when they are to be carried out and the resources required.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers.	The organisation's asset management plan(s).

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
3	Asset management policy	To what extent has an asset management policy been documented, authorised and communicated?	The organisation does not have a documented asset management policy.	The organisation has an asset management policy, but it has not been authorised by top management, or it is not influencing the management of the assets.	The organisation has an asset management policy, which has been authorised by top management, but it has had limited circulation. It may be in use to influence development of strategy and planning but its effect is limited.	The asset management policy is authorised by top management, is widely and effectively communicated to all relevant employees and stakeholders, and used to make these persons aware of their asset related obligations.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
10	Asset management strategy	What has the organisation done to ensure that its asset management strategy is consistent with other appropriate organisational policies and strategies, and the needs of stakeholders?	The organisation has not considered the need to ensure that its asset management strategy is appropriately aligned with the organisation's other organisational policies and strategies or with stakeholder requirements. OR The organisation does not have an asset management strategy.	The need to align the asset management strategy with other organisational policies and strategies as well as stakeholder requirements is understood and work has started to identify the linkages or to incorporate them in the drafting of asset management strategy.	Some of the linkages between the long term asset management strategy and other organisational policies, strategies and stakeholder requirements are defined but the work is fairly well advanced but still incomplete.	All linkages are in place and evidence is available to demonstrate that, where appropriate, the organisation's asset management strategy is consistent with its other organisational policies and strategies. The organisation has also identified and considered the requirements of relevant stakeholders.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
11	Asset management strategy	In what way does the organisation's asset management strategy take account of the lifecycle of the assets, asset types and asset systems over which the organisation has stewardship?	The organisation has not considered the need to ensure that its asset management strategy is produced with due regard to the lifecycle of the assets, asset types or asset systems that it manages. OR The organisation does not have an asset management strategy.	The need is understood, and the organisation is drafting its asset management strategy to address the lifecycle of its assets, asset types and asset systems.	The long-term asset management strategy takes account of the lifecycle of some, but not all, of its assets, asset types and asset systems.	The asset management strategy takes account of the lifecycle of all of its assets, asset types and asset systems.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
26	Asset management plan(s)	How does the organisation establish and document its asset management plan(s) across the life cycle activities of its assets and asset systems?	The organisation does not have an identifiable asset management plan(s) covering asset systems and critical assets.	The organisation has asset management plan(s) but they are not aligned with the asset management strategy and objectives and do not take into consideration the full asset life cycle (including asset creation, acquisition, enhancement, utilisation, maintenance decommissioning and disposal).	The organisation is in the process of putting in place comprehensive, documented asset management plan(s) that cover all life cycle activities, clearly aligned to asset management objectives and the asset management strategy.	Asset management plan(s) are established, documented, implemented and maintained for asset systems and critical assets to achieve the asset management strategy and asset management objectives across all life cycle phases.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/documented information
27	Asset management plan(s)	How has the organisation communicated its plan(s) to all relevant parties to a level of detail appropriate to the receiver's role in their delivery?	3	It is the opinion of AMCL that Top Energy has current compliance for Clause 4.3.3. Top Energy should ensure that it can demonstrate the content and detailed Processes and Procedures described in the Asset Management Plan can be demonstrated during a Certification Audit. This should ensure its Asset Management Plans cover all of the life cycle stages and the priorities and optimisation between and within each stage are clearly defined.		Plans will be ineffective unless they are communicated to all those, including contracted suppliers and those who undertake enabling function(s). The plan(s) need to be communicated in a way that is relevant to those who need to use them.	The management team with overall responsibility for the asset management system. Delivery functions and suppliers.	Distribution lists for plan(s). Documents derived from plan(s) which detail the receiver's role in plan delivery. Evidence of communication.
29	Asset management plan(s)	How are designated responsibilities for delivery of asset plan actions documented?	3	It is the opinion of AMCL that Top Energy has current compliance for Clause 4.3.3. Top Energy should ensure that it can demonstrate the content and detailed Processes and Procedures described in the Asset Management Plan can be demonstrated during a Certification Audit. This should ensure its Asset Management Plans cover all of the life cycle stages and the priorities and optimisation between and within each stage are clearly defined.		The implementation of asset management plan(s) relies on (1) actions being clearly identified, (2) an owner allocated and (3) that owner having sufficient delegated responsibility and authority to carry out the work required. It also requires alignment of actions across the organisation. This question explores how well the plan(s) set out responsibility for delivery of asset plan actions.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team.	The organisation's asset management plan(s). Documentation defining roles and responsibilities of individuals and organisational departments.
31	Asset management plan(s)	What has the organisation done to ensure that appropriate arrangements are made available for the efficient and cost effective implementation of the plan(s)? (Note this is about resources and enabling support)	3	It is the opinion of AMCL that Top Energy has current compliance for Clause 4.3.3. Top Energy should ensure that it can demonstrate the content and detailed Processes and Procedures described in the Asset Management Plan can be demonstrated during a Certification Audit. This should ensure its Asset Management Plans cover all of the Life Cycle stages and the priorities and optimisation between and within each stage are clearly defined.		It is essential that the plan(s) are realistic and can be implemented, which requires appropriate resources to be available and enabling mechanisms in place. This question explores how well this is achieved. The plan(s) not only need to consider the resources directly required and timescales, but also the enabling activities, including for example, training requirements, supply chain capability and procurement timescales.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team. Where appropriate the procurement team and service providers working on the organisation's asset-related activities.	The organisation's asset management plan(s). Documented processes and procedures for the delivery of the asset management plan.
33	Contingency planning	What plan(s) and procedure(s) does the organisation have for identifying and responding to incidents and emergency situations and ensuring continuity of critical asset management activities?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.3.4. To rectify this, Top Energy should ensure compliance with existing Processes and Procedures can be demonstrated during a certification Audit, and that rehearsal of plans which include relevant stakeholders can be clearly demonstrated.		Widely used AM practice standards require that an organisation has plan(s) to identify and respond to emergency situations. Emergency plan(s) should outline the actions to be taken to respond to specified emergency situations and ensure continuity of critical asset management activities including the communication to, and involvement of, external agencies. This question assesses if, and how well, these plan(s) triggered, implemented and resolved in the event of an incident. The plan(s) should be appropriate to the level of risk as determined by the organisation's risk assessment methodology. It is also a requirement that relevant personnel are competent and trained.	The manager with responsibility for developing emergency plan(s). The organisation's risk assessment team. People with designated duties within the plan(s) and procedure(s) for dealing with incidents and emergency situations.	The organisation's plan(s) and procedure(s) for dealing with emergencies. The organisation's risk assessments and risk registers.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
27	Asset management plan(s)	How has the organisation communicated its plan(s) to all relevant parties to a level of detail appropriate to the receiver's role in their delivery?	The organisation does not have plan(s) or their distribution is limited to the authors.	The plan(s) are communicated to some of those responsible for delivery of the plan(s). OR Communicated to those responsible for delivery is either irregular or ad-hoc.	The plan(s) are communicated to most of those responsible for delivery but there are weaknesses in identifying relevant parties resulting in incomplete or inappropriate communication. The organisation recognises improvement is needed as is working towards resolution.	The plan(s) are communicated to all relevant employees, stakeholders and contracted service providers to a level of detail appropriate to their participation or business interests in the delivery of the plan(s) and there is confirmation that they are being used effectively.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
29	Asset management plan(s)	How are designated responsibilities for delivery of asset plan actions documented?	The organisation has not documented responsibilities for delivery of asset plan actions.	Asset management plan(s) inconsistently document responsibilities for delivery of plan actions and activities and/or responsibilities and authorities for implementation inadequate and/or delegation level inadequate to ensure effective delivery and/or contain misalignments with organisational accountability.	Asset management plan(s) consistently document responsibilities for the delivery of actions but responsibility/authority levels are inappropriate/ inadequate, and/or there are misalignments within the organisation.	Asset management plan(s) consistently document responsibilities for the delivery actions and there is adequate detail to enable delivery of actions. Designated responsibility and authority for achievement of asset plan actions is appropriate.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
31	Asset management plan(s)	What has the organisation done to ensure that appropriate arrangements are made available for the efficient and cost effective implementation of the plan(s)? (Note this is about resources and enabling support)	The organisation has not considered the arrangements needed for the effective implementation of plan(s).	The organisation recognises the need to ensure appropriate arrangements are in place for implementation of asset management plan(s) and is in the process of determining an appropriate approach for achieving this.	The organisation has arrangements in place for the implementation of asset management plan(s) but the arrangements are not yet adequately efficient and/or effective. The organisation is working to resolve existing weaknesses.	The organisation's arrangements fully cover all the requirements for the efficient and cost effective implementation of asset management plan(s) and realistically address the resources and timescales required, and any changes needed to functional policies, standards, processes and the asset management information system.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
33	Contingency planning	What plan(s) and procedure(s) does the organisation have for identifying and responding to incidents and emergency situations and ensuring continuity of critical asset management activities?	The organisation has not considered the need to establish plan(s) and procedure(s) to identify and respond to incidents and emergency situations.	The organisation has some ad-hoc arrangements to deal with incidents and emergency situations, but these have been developed on a reactive basis in response to specific events that have occurred in the past.	Most credible incidents and emergency situations are identified. Either appropriate plan(s) and procedure(s) are incomplete for critical activities or they are inadequate. Training/ external alignment may be incomplete.	Appropriate emergency plan(s) and procedure(s) are in place to respond to credible incidents and manage continuity of critical asset management activities consistent with policies and asset management objectives. Training and external agency alignment is in place.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)								
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document Information
37	Structure, authority and responsibilities	What has the organisation done to appoint member(s) of its management team to be responsible for ensuring that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s)?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.1. To rectify this, Top Energy should ensure the completion of its current re-organisation, and should ensure that the roles and responsibilities required to implement its Asset Management System consistently and clearly defined for its staff.		In order to ensure that the organisation's assets and asset systems deliver the requirements of the asset management policy, strategy and objectives responsibilities need to be allocated to appropriate people who have the necessary authority to fulfil their responsibilities. (This question, relates to the organisation's assets eg, para b), s 4.4.1 of PAS 55, making it therefore distinct from the requirement contained in para a), s 4.4.1 of PAS 55).	Top management. People with management responsibility for the delivery of asset management policy, strategy, objectives and plan(s). People working on asset-related activities.	Evidence that managers with responsibility for the delivery of asset management policy, strategy, objectives and plan(s) have been appointed and have assumed their responsibilities. Evidence may include the organisation's documents relating to its asset management system, organisational charts, job descriptions of post-holders, annual targets/objectives and personal development plan(s) of post-holders as appropriate.
40	Structure, authority and responsibilities	What evidence can the organisation's top management provide to demonstrate that sufficient resources are available for asset management?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.1. To rectify this, Top Energy should ensure the completion of its current re-organisation, and should ensure that the roles and responsibilities required to implement its Asset Management System consistently and clearly defined for its staff.		Optimal asset management requires top management to ensure sufficient resources are available. In this context the term 'resources' includes manpower, materials, funding and service provider support.	Top management. The management team that has overall responsibility for asset management. Risk management team. The organisation's managers involved in day-to-day supervision of asset-related activities, such as frontline managers, engineers, foremen and chargehands as appropriate.	Evidence demonstrating that asset management plan(s) and/or the process(es) for asset management plan implementation consider the provision of adequate resources in both the short and long term. Resources include funding, materials, equipment, services provided by third parties and personnel (internal and service providers) with appropriate skills competencies and knowledge.
42	Structure, authority and responsibilities	To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.1. To rectify this, Top Energy should ensure the completion of its current re-organisation, and should ensure that the roles and responsibilities required to implement its Asset Management System consistently and clearly defined for its staff.		Widely used AM practice standards require an organisation to communicate the importance of meeting its asset management requirements such that personnel fully understand, take ownership of, and are fully engaged in the delivery of the asset management requirements (eg, PAS 55 s 4.4.1 g).	Top management. The management team that has overall responsibility for asset management. People involved in the delivery of the asset management requirements.	Evidence of such activities as road shows, written bulletins, workshops, team talks and management walk-about would assist an organisation to demonstrate it is meeting this requirement of PAS 55.
45	Outsourcing of asset management activities	Where the organisation has outsourced some of its asset management activities, how has it ensured that appropriate controls are in place to ensure the compliant delivery of its organisational strategic plan, and its asset management policy and strategy?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.2, but this is a borderline case and is almost compliant. To rectify this, Top Energy should ensure compliance with existing Processes and Procedures can be demonstrated during a Certification Audit, and that its Sourcing Strategy has been effectively implemented.		Where an organisation chooses to outsource some of its asset management activities, the organisation must ensure that these outsourced process(es) are under appropriate control to ensure that all the requirements of widely used AM standards (eg, PAS 55) are in place, and the asset management policy, strategy objectives and plan(s) are delivered. This includes ensuring capabilities and resources across a time span aligned to life cycle management. The organisation must put arrangements in place to control the outsourced activities, whether it be to external providers or to other in-house departments. This question explores what the organisation does in this regard.	Top management. The management team that has overall responsibility for asset management. The manager(s) responsible for the monitoring and management of the outsourced activities. People involved with the procurement of outsourced activities. The people within the organisations that are performing the outsourced activities. The people impacted by the outsourced activity.	The organisation's arrangements that detail the compliance required of the outsourced activities. For example, this this could form part of a contract or service level agreement between the organisation and the suppliers of its outsourced activities. Evidence that the organisation has demonstrated to itself that it has assurance of compliance of outsourced activities.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
37	Structure, authority and responsibilities	What has the organisation done to appoint member(s) of its management team to be responsible for ensuring that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s)?	Top management has not considered the need to appoint a person or persons to ensure that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s).	Top management understands the need to appoint a person or persons to ensure that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s).	Top management has appointed an appropriate people to ensure the assets deliver the requirements of the asset management strategy, objectives and plan(s) but their areas of responsibility are not fully defined and/or they have insufficient delegated authority to fully execute their responsibilities.	The appointed person or persons have full responsibility for ensuring that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s). They have been given the necessary authority to achieve this.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
40	Structure, authority and responsibilities	What evidence can the organisation's top management provide to demonstrate that sufficient resources are available for asset management?	The organisation's top management has not considered the resources required to deliver asset management.	The organisations top management understands the need for sufficient resources but there are no effective mechanisms in place to ensure this is the case.	A process exists for determining what resources are required for its asset management activities and in most cases these are available but in some instances resources remain insufficient.	An effective process exists for determining the resources needed for asset management and sufficient resources are available. It can be demonstrated that resources are matched to asset management requirements.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
42	Structure, authority and responsibilities	To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?	The organisation's top management has not considered the need to communicate the importance of meeting asset management requirements.	The organisations top management understands the need to communicate the importance of meeting its asset management requirements but does not do so.	Top management communicates the importance of meeting its asset management requirements but only to parts of the organisation.	Top management communicates the importance of meeting its asset management requirements to all relevant parts of the organisation.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
45	Outsourcing of asset management activities	Where the organisation has outsourced some of its asset management activities, how has it ensured that appropriate controls are in place to ensure the compliant delivery of its organisational strategic plan, and its asset management policy and strategy?	The organisation has not considered the need to put controls in place.	The organisation controls its outsourced activities on an ad-hoc basis, with little regard for ensuring for the compliant delivery of the organisational strategic plan and/or its asset management policy and strategy.	Controls systematically considered but currently only provide for the compliant delivery of some, but not all, aspects of the organisational strategic plan and/or its asset management policy and strategy. Gaps exist.	Evidence exists to demonstrate that outsourced activities are appropriately controlled to provide for the compliant delivery of the organisational strategic plan, asset management policy and strategy, and that these controls are integrated into the asset management system	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/documented Information
48	Training, awareness and competence	How does the organisation develop plan(s) for the human resources required to undertake asset management activities - including the development and delivery of asset management strategy, process(es), objectives and plan(s)?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.3. To rectify this, Top Energy should be able to demonstrate a clear forward view of the development of its staff over time with respect to all roles that have are involved with the delivery of the Asset Management Strategy and Plans. Demonstration of the effectiveness Organisational Development group with respects to this clause would be expected during a Certification Audit.		There is a need for an organisation to demonstrate that it has considered what resources are required to develop and implement its asset management system. There is also a need for the organisation to demonstrate that it has assessed what development plan(s) are required to provide its human resources with the skills and competencies to develop and implement its asset management systems. The timescales over which the plan(s) are relevant should be commensurate with the planning horizons within the asset management strategy considers e.g. if the asset management strategy considers 5, 10 and 15 year time scales then the human resources development plan(s) should align with these. Resources include both 'in house' and external resources who undertake asset management activities.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of analysis of future work load plan(s) in terms of human resources. Document(s) containing analysis of the organisation's own direct resources and contractors resource capability over suitable timescales. Evidence, such as minutes of meetings, that suitable management forums are monitoring human resource development plan(s). Training plan(s), personal development plan(s), contract and service level agreements.
49	Training, awareness and competence	How does the organisation identify competency requirements and then plan, provide and record the training necessary to achieve the competencies?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.3. To rectify this, Top Energy should be able to demonstrate a clear forward view of the development of its staff over time with respect to all roles that have are involved with the delivery of the Asset Management Strategy and Plans. Demonstration of the effectiveness Organisational Development group with respects to this clause would be expected during a Certification Audit.		Widely used AM standards require that organisations to undertake a systematic identification of the asset management awareness and competencies required at each level and function within the organisation. Once identified the training required to provide the necessary competencies should be planned for delivery in a timely and systematic way. Any training provided must be recorded and maintained in a suitable format. Where an organisation has contracted service providers in place then it should have a means to demonstrate that this requirement is being met for their employees. (eg, PAS 55 refers to frameworks suitable for identifying competency requirements).	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of an established and applied competency requirements assessment process and plan(s) in place to deliver the required training. Evidence that the training programme is part of a wider, co-ordinated asset management activities training and competency programme. Evidence that training activities are recorded and that records are readily available (for both direct and contracted service provider staff) e.g. via organisation wide information system or local records database.
50	Training, awareness and competence	How does the organization ensure that persons under its direct control undertaking asset management related activities have an appropriate level of competence in terms of education, training or experience?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.3. To rectify this, Top Energy should be able to demonstrate a clear forward view of the development of its staff over time with respect to all roles that have are involved with the delivery of the Asset Management Strategy and Plans. Demonstration of the effectiveness Organisational Development group with respects to this clause would be expected during a Certification Audit.		A critical success factor for the effective development and implementation of an asset management system is the competence of persons undertaking these activities. Organisations should have effective means in place for ensuring the competence of employees to carry out their designated asset management function(s). Where an organisation has contracted service providers undertaking elements of its asset management system then the organisation shall assure itself that the outsourced service provider also has suitable arrangements in place to manage the competencies of its employees. The organisation should ensure that the individual and corporate competencies it requires are in place and actively monitor, develop and maintain an appropriate balance of these competencies.	Managers, supervisors, persons responsible for developing training programmes. Staff responsible for procurement and service agreements. HR staff and those responsible for recruitment.	Evidence of a competency assessment framework that aligns with established frameworks such as the asset management Competencies Requirements Framework (Version 2.0); National Occupational Standards for Management and Leadership; UK Standard for Professional Engineering Competence, Engineering Council, 2005.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)							
Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
48	Training, awareness and competence	How does the organisation develop plan(s) for the human resources required to undertake asset management activities - including the development and delivery of asset management strategy, process(es), objectives and plan(s)?	The organisation has not recognised the need for assessing human resources requirements to develop and implement its asset management system.	The organisation has recognised the need to assess its human resources requirements and to develop a plan(s). There is limited recognition of the need to align these with the development and implementation of its asset management system.	The organisation has developed a strategic approach to aligning competencies and human resources to the asset management system including the asset management plan but the work is incomplete or has not been consistently implemented.	The organisation can demonstrate that plan(s) are in place and effective in matching competencies and capabilities to the asset management system including the plan for both internal and contracted activities. Plans are reviewed integral to asset management system process(es).	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
49	Training, awareness and competence	How does the organisation identify competency requirements and then plan, provide and record the training necessary to achieve the competencies?	The organisation does not have any means in place to identify competency requirements.	The organisation has recognised the need to identify competency requirements and then plan, provide and record the training necessary to achieve the competencies.	The organisation is the process of identifying competency requirements aligned to the asset management plan(s) and then plan, provide and record appropriate training. It is incomplete or inconsistently applied.	Competency requirements are in place and aligned with asset management plan(s). Plans are in place and effective in providing the training necessary to achieve the competencies. A structured means of recording the competencies achieved is in place.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
50	Training, awareness and competence	How does the organization ensure that persons under its direct control undertaking asset management related activities have an appropriate level of competence in terms of education, training or experience?	The organization has not recognised the need to assess the competence of person(s) undertaking asset management related activities.	Competency of staff undertaking asset management related activities is not managed or assessed in a structured way, other than formal requirements for legal compliance and safety management.	The organization is in the process of putting in place a means for assessing the competence of person(s) involved in asset management activities including contractors. There are gaps and inconsistencies.	Competency requirements are identified and assessed for all persons carrying out asset management related activities - internal and contracted. Requirements are reviewed and staff reassessed at appropriate intervals aligned to asset management requirements.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)								
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/documented Information
53	Communication, participation and consultation	How does the organisation ensure that pertinent asset management information is effectively communicated to and from employees and other stakeholders, including contracted service providers?	3	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.4. To rectify this, Top Energy should ensure that all key internal stakeholders (particularly within TECS) are consulted during the continuing development of the Asset Management System and have the opportunity to receive information and provide feedback on Asset Management related issues.		Widely used AM practice standards require that pertinent asset management information is effectively communicated to and from employees and other stakeholders including contracted service providers. Pertinent information refers to information required in order to effectively and efficiently comply with and deliver asset management strategy, plan(s) and objectives. This will include for example the communication of the asset management policy, asset performance information, and planning information as appropriate to contractors.	Top management and senior management representative(s), employee's representative(s), employee's trade union representative(s); contracted service provider management and employee representative(s); representative(s) from the organisation's Health, Safety and Environmental team. Key stakeholder representative(s).	Asset management policy statement prominently displayed on notice boards, intranet and internet; use of organisation's website for displaying asset performance data; evidence of formal briefings to employees, stakeholders and contracted service providers; evidence of inclusion of asset management issues in team meetings and contracted service provider contract meetings; newsletters, etc.
59	Asset Management System documentation	What documentation has the organisation established to describe the main elements of its asset management system and interactions between them?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.5. To rectify this, Top Energy should complete the population of its document hierarchy ensuring Processes, Procedures and Work Instructions are developed only if the level of risk to the delivery of the Asset Management Strategy and Plans is high should they not exist.		Widely used AM practice standards require an organisation maintain up to date documentation that ensures that its asset management systems (ie, the systems the organisation has in place to meet the standards) can be understood, communicated and operated. (eg, s 4.5 of PAS 55 requires the maintenance of up to date documentation of the asset management system requirements specified throughout s 4 of PAS 55).	The management team that has overall responsibility for asset management. Managers engaged in asset management activities.	The documented information describing the main elements of the asset management system (process(es)) and their interaction.
62	Information management	What has the organisation done to determine what its asset management information system(s) should contain in order to support its asset management system?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.6. To rectify this, Top Energy should ensure that the accuracy and completeness of asset information held in its various systems can be demonstrated during a Certification Audit. In particular the accuracy and management of defects and the control of maintenance and inspection activities needs to be improved.		Effective asset management requires appropriate information to be available. Widely used AM standards therefore require the organisation to identify the asset management information it requires in order to support its asset management system. Some of the information required may be held by suppliers. The maintenance and development of asset management information systems is a poorly understood specialist activity that is akin to IT management but different from IT management. This group of questions provides some indications as to whether the capability is available and applied. Note: To be effective, an asset information management system requires the mobilisation of technology, people and process(es) that create, secure, make available and destroy the information required to support the asset management system.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Operations, maintenance and engineering managers	Details of the process the organisation has employed to determine what its asset information system should contain in order to support its asset management system. Evidence that this has been effectively implemented.
63	Information management	How does the organisation maintain its asset management information system(s) and ensure that the data held within it (them) is of the requisite quality and accuracy and is consistent?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.6. To rectify this, Top Energy should ensure that the accuracy and completeness of asset information held in its various systems can be demonstrated during a Certification Audit. In particular the accuracy and management of defects and the control of maintenance and inspection activities needs to be improved.		The response to the questions is progressive. A higher scale cannot be awarded without achieving the requirements of the lower scale. This question explores how the organisation ensures that information management meets widely used AM practice requirements (eg, s 4.4.6 (a), (c) and (d) of PAS 55).	The management team that has overall responsibility for asset management. Users of the organisational information systems.	The asset management information system, together with the policies, procedure(s), improvement initiatives and audits regarding information controls.

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Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
53	Communication, participation and consultation	How does the organisation ensure that pertinent asset management information is effectively communicated to and from employees and other stakeholders, including contracted service providers?	The organisation has not recognised the need to formally communicate any asset management information.	There is evidence that the pertinent asset management information to be shared along with those to share it with is being determined.	The organisation has determined pertinent information and relevant parties. Some effective two way communication is in place but as yet not all relevant parties are clear on their roles and responsibilities with respect to asset management information.	Two way communication is in place between all relevant parties, ensuring that information is effectively communicated to match the requirements of asset management strategy, plan(s) and process(es). Pertinent asset information requirements are regularly reviewed.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
59	Asset Management System documentation	What documentation has the organisation established to describe the main elements of its asset management system and interactions between them?	The organisation has not established documentation that describes the main elements of the asset management system.	The organisation is aware of the need to put documentation in place and is in the process of determining how to document the main elements of its asset management system.	The organisation in the process of documenting its asset management system and has documentation in place that describes some, but not all, of the main elements of its asset management system and their interaction.	The organisation has established documentation that comprehensively describes all the main elements of its asset management system and the interactions between them. The documentation is kept up to date.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
62	Information management	What has the organisation done to determine what its asset management information system(s) should contain in order to support its asset management system?	The organisation has not considered what asset management information is required.	The organisation is aware of the need to determine in a structured manner what its asset information system should contain in order to support its asset management system and is in the process of deciding how to do this.	The organisation has developed a structured process to determine what its asset information system should contain in order to support its asset management system and has commenced implementation of the process.	The organisation has determined what its asset information system should contain in order to support its asset management system. The requirements relate to the whole life cycle and cover information originating from both internal and external sources.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
63	Information management	How does the organisation maintain its asset management information system(s) and ensure that the data held within it (them) is of the requisite quality and accuracy and is consistent?	There are no formal controls in place or controls are extremely limited in scope and/or effectiveness.	The organisation is aware of the need for effective controls and is in the process of developing an appropriate control process(es).	The organisation has developed a controls that will ensure the data held is of the requisite quality and accuracy and is consistent and is in the process of implementing them.	The organisation has effective controls in place that ensure the data held is of the requisite quality and accuracy and is consistent. The controls are regularly reviewed and improved where necessary.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document Information
64	Information management	How has the organisation's ensured its asset management information system is relevant to its needs?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.6. To rectify this, Top Energy should ensure that the accuracy and completeness of asset information held in its various systems can be demonstrated during a Certification Audit. In particular the accuracy and management of defects and the control of maintenance and inspection activities needs to be improved.		Widely used AM standards need not be prescriptive about the form of the asset management information system, but simply require that the asset management information system is appropriate to the organisations needs, can be effectively used and can supply information which is consistent and of the requisite quality and accuracy.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Users of the organisational information systems.	The documented process the organisation employs to ensure its asset management information system aligns with its asset management requirements. Minutes of information systems review meetings involving users.
69	Risk management process(es)	How has the organisation documented process(es) and/or procedure(s) for the identification and assessment of asset and asset management related risks throughout the asset life cycle?	2	It is the opinion of AMCL that Top Energy has compliance at risk with Clause 4.4.7. To rectify this, Top Energy should ensure its Risk Management Policy is consistent with that published in the 2011 Asset Management Plan and should publish the Risk Management Framework and associated Processes internally. These should be effectively adopted by the organisation, and demonstrably implemented by all Top Energy staff during a Certification Audit.		Risk management is an important foundation for proactive asset management. Its overall purpose is to understand the cause, effect and likelihood of adverse events occurring, to optimally manage such risks to an acceptable level, and to provide an audit trail for the management of risks. Widely used standards require the organisation to have process(es) and/or procedure(s) in place that set out how the organisation identifies and assesses asset and asset management related risks. The risks have to be considered across the four phases of the asset lifecycle (eg, para 4.3.3 of PAS 55).	The top management team in conjunction with the organisation's senior risk management representatives. There may also be input from the organisation's Safety, Health and Environment team. Staff who carry out risk identification and assessment.	The organisation's risk management framework and/or evidence of specific process(es) and/or procedure(s) that deal with risk control mechanisms. Evidence that the process(es) and/or procedure(s) are implemented across the business and maintained. Evidence of agendas and minutes from risk management meetings. Evidence of feedback in to process(es) and/or procedure(s) as a result of incident investigation(s). Risk registers and assessments.
79	Use and maintenance of asset risk information	How does the organisation ensure that the results of risk assessments provide input into the identification of adequate resources and training and competency needs?	2	It is the opinion of AMCL that Top Energy has compliance at risk with Clause 4.4.7. To rectify this, Top Energy should ensure its Risk Management Policy is consistent with that published in the 2011 Asset Management Plan and should publish the Risk Management Framework and associated Processes internally. These should be effectively adopted by the organisation, and demonstrably implemented by all Top Energy staff during a Certification Audit.		Widely used AM standards require that the output from risk assessments are considered and that adequate resource (including staff) and training is identified to match the requirements. It is a further requirement that the effects of the control measures are considered, as there may be implications in resources and training required to achieve other objectives.	Staff responsible for risk assessment and those responsible for developing and approving resource and training plan(s). There may also be input from the organisation's Safety, Health and Environment team.	The organisations risk management framework. The organisation's resourcing plan(s) and training and competency plan(s). The organisation should be able to demonstrate appropriate linkages between the content of resource plan(s) and training and competency plan(s) to the risk assessments and risk control measures that have been developed.
82	Legal and other requirements	What procedure does the organisation have to identify and provide access to its legal, regulatory, statutory and other asset management requirements, and how is requirements incorporated into the asset management system?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.4.8, but this is a borderline case and is almost compliant. To rectify this, Top Energy should ensure compliance with existing Processes and Procedures can be demonstrated during a Certification Audit, and be able to demonstrate pro-active update of the compliance database.		In order for an organisation to comply with its legal, regulatory, statutory and other asset management requirements, the organisation first needs to ensure that it knows what they are (eg, PAS 55 specifies this in s 4.4.8). It is necessary to have systematic and auditable mechanisms in place to identify new and changing requirements. Widely used AM standards also require that requirements are incorporated into the asset management system (e.g. procedure(s) and process(es)).	Top management. The organisations regulatory team. The organisation's legal team or advisors. The management team with overall responsibility for the asset management system. The organisation's health and safety team or advisors. The organisation's policy making team.	The organisational processes and procedures for ensuring information of this type is identified, made accessible to those requiring the information and is incorporated into asset management strategy and objectives

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Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
64	Information management	How has the organisation's ensured its asset management information system is relevant to its needs?	The organisation has not considered the need to determine the relevance of its management information system. At present there are major gaps between what the information system provides and the organisations needs.	The organisation understands the need to ensure its asset management information system is relevant to its needs and is determining an appropriate means by which it will achieve this. At present there are significant gaps between what the information system provides and the organisations needs.	The organisation has developed and is implementing a process to ensure its asset management information system is relevant to its needs. Gaps between what the information system provides and the organisations needs have been identified and action is being taken to close them.	The organisation's asset management information system aligns with its asset management requirements. Users can confirm that it is relevant to their needs.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
69	Risk management process(es)	How has the organisation documented process(es) and/or procedure(s) for the identification and assessment of asset and asset management related risks throughout the asset life cycle?	The organisation has not considered the need to document process(es) and/or procedure(s) for the identification and assessment of asset and asset management related risks throughout the asset life cycle.	The organisation is aware of the need to document the management of asset related risk across the asset lifecycle. The organisation has plan(s) to formally document all relevant process(es) and procedure(s) or has already commenced this activity.	The organisation is in the process of documenting the identification and assessment of asset related risk across the asset lifecycle but it is incomplete or there are inconsistencies between approaches and a lack of integration.	Identification and assessment of asset related risk across the asset lifecycle is fully documented. The organisation can demonstrate that appropriate documented mechanisms are integrated across life cycle phases and are being consistently applied.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
79	Use and maintenance of asset risk information	How does the organisation ensure that the results of risk assessments provide input into the identification of adequate resources and training and competency needs?	The organisation has not considered the need to conduct risk assessments.	The organisation is aware of the need to consider the results of risk assessments and effects of risk control measures to provide input into reviews of resources, training and competency needs. Current input is typically ad-hoc and reactive.	The organisation is in the process ensuring that outputs of risk assessment are included in developing requirements for resources and training. The implementation is incomplete and there are gaps and inconsistencies.	Outputs from risk assessments are consistently and systematically used as inputs to develop resources, training and competency requirements. Examples and evidence is available.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
82	Legal and other requirements	What procedure does the organisation have to identify and provide access to its legal, regulatory, statutory and other asset management requirements, and how is requirements incorporated into the asset management system?	The organisation has not considered the need to identify its legal, regulatory, statutory and other asset management requirements.	The organisation identifies some its legal, regulatory, statutory and other asset management requirements, but this is done in an ad-hoc manner in the absence of a procedure.	The organisation has procedure(s) to identify its legal, regulatory, statutory and other asset management requirements, but the information is not kept up to date, inadequate or inconsistently managed.	Evidence exists to demonstrate that the organisation's legal, regulatory, statutory and other asset management requirements are identified and kept up to date. Systematic mechanisms for identifying relevant legal and statutory requirements.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)								
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/documented Information
88	Life Cycle Activities	How does the organisation establish implement and maintain process(es) for the implementation of its asset management plan(s) and control of activities across the creation, acquisition or enhancement of assets. This includes design, modification, procurement, construction and commissioning activities?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.5.1 based on the evidence presented during the Gap Analysis Assessment. TEN should establish clear "line of sight" into the TECS organisation. Implementation of robust work management systems for all maintenance and inspection activities will be essential to demonstrate effective management control during a Certification Audit. Top Energy also needs to effectively implement clear criteria for the inspection and remedial action of Asset defects. Being able to demonstrate that the implementation of Asset Management System was fully aligned with Policy, Strategy and Objectives and that activity on the ground was under full management control is the key to compliance of this		Life cycle activities are about the implementation of asset management plan(s) i.e. they are the "doing" phase. They need to be done effectively and well in order for asset management to have any practical meaning. As a consequence, widely used standards (eg, PAS 55 s 4.5.1) require organisations to have in place appropriate process(es) and procedure(s) for the implementation of asset management plan(s) and control of lifecycle activities. This question explores those aspects relevant to asset creation.	Asset managers, design staff, construction staff and project managers from other impacted areas of the business, e.g. Procurement	Documented process(es) and procedure(s) which are relevant to demonstrating the effective management and control of life cycle activities during asset creation, acquisition, enhancement including design, modification, procurement, construction and commissioning.
91	Life Cycle Activities	How does the organisation ensure that process(es) and/or procedure(s) for the implementation of asset management plan(s) and control of activities during maintenance (and inspection) of assets are sufficient to ensure activities are carried out under specified conditions, are consistent with asset management strategy and control cost, risk and performance?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.5.1 based on the evidence presented during the Gap Analysis Assessment. TEN should establish clear "line of sight" into the TECS organisation. Implementation of robust work management systems for all maintenance and inspection activities will be essential to demonstrate effective management control during a Certification Audit. Top Energy also needs to effectively implement clear criteria for the inspection and remedial action of Asset defects. Being able to demonstrate that the implementation of Asset Management System was fully aligned with Policy, Strategy and Objectives and that activity on the ground was under full management control is the key to compliance of this		Having documented process(es) which ensure the asset management plan(s) are implemented in accordance with any specified conditions, in a manner consistent with the asset management policy, strategy and objectives and in such a way that cost, risk and asset system performance are appropriately controlled is critical. They are an essential part of turning intention into action (eg, as required by PAS 55 s 4.5.1).	Asset managers, operations managers, maintenance managers and project managers from other impacted areas of the business	Documented procedure for review. Documented procedure for audit of process delivery. Records of previous audits, improvement actions and documented confirmation that actions have been carried out.
95	Performance and condition monitoring	How does the organisation measure the performance and condition of its assets?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.6.1. To rectify this, Top Energy should establish a broader proactive and leading set of measures to complement the current reactive and lagging measures driven by SAIDI requirements. These measures should be disaggregated and disseminated down through the organisation (see under Clause 4.7).		Widely used AM standards require that organisations establish implement and maintain procedure(s) to monitor and measure the performance and/or condition of assets and asset systems. They further set out requirements in some detail for reactive and proactive monitoring, and leading/lagging performance indicators together with the monitoring or results to provide input to corrective actions and continual improvement. There is an expectation that performance and condition monitoring will provide input to improving asset management strategy, objectives and plan(s).	A broad cross-section of the people involved in the organisation's asset-related activities from data input to decision-makers, i.e. an end-to-end assessment. This should include contactors and other relevant third parties as appropriate.	Functional policy and/or strategy documents for performance or condition monitoring and measurement. The organisation's performance monitoring frameworks, balanced scorecards etc. Evidence of the reviews of any appropriate performance indicators and the action lists resulting from these reviews. Reports and trend analysis using performance and condition information. Evidence of the use of performance and condition information shaping improvements and supporting asset management strategy, objectives and plan(s).
99	Investigation of asset-related failures, incidents and nonconformities	How does the organisation ensure responsibility and the authority for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformance is clear, unambiguous, understood and communicated?	2	It is the opinion of AMCL that Top Energy has compliance at risk for Clause 4.6.2. To rectify this, Top Energy should ensure the root cause analysis Process is effectively embedded and ensure recommendations derived from the analyses are systematically tracked (see 4.6.5).		Widely used AM standards require that the organisation establishes implements and maintains process(es) for the handling and investigation of failures incidents and non-conformities for assets and sets down a number of expectations. Specifically this question examines the requirement to define clearly responsibilities and authorities for these activities, and communicate these unambiguously to relevant people including external stakeholders if appropriate.	The organisation's safety and environment management team. The team with overall responsibility for the management of the assets. People who have appointed roles within the asset-related investigation procedure, from those who carry out the investigations to senior management who review the recommendations. Operational controllers responsible for managing the asset base under fault conditions and maintaining services to consumers. Contractors and other third parties as	Process(es) and procedure(s) for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformance. Documentation of assigned responsibilities and authority to employees. Job Descriptions, Audit reports. Common communication systems i.e. all Job Descriptions on Internet etc.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)							
Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
88	Life Cycle Activities	How does the organisation establish implement and maintain process(es) for the implementation of its asset management plan(s) and control of activities across the creation, acquisition or enhancement of assets. This includes design, modification, procurement, construction and commissioning activities?	The organisation does not have process(es) in place to manage and control the implementation of asset management plan(s) during activities related to asset creation including design, modification, procurement, construction and commissioning.	The organisation is aware of the need to have process(es) and procedure(s) in place to manage and control the implementation of asset management plan(s) during activities related to asset creation including design, modification, procurement, construction and commissioning but currently do not have these in place (note: procedure(s) may exist but they are inconsistent/incomplete).	The organisation is in the process of putting in place process(es) and procedure(s) to manage and control the implementation of asset management plan(s) during activities related to asset creation including design, modification, procurement, construction and commissioning. Gaps and inconsistencies are being addressed.	Effective process(es) and procedure(s) are in place to manage and control the implementation of asset management plan(s) during activities related to asset creation including design, modification, procurement, construction and commissioning.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
91	Life Cycle Activities	How does the organisation ensure that process(es) and/or procedure(s) for the implementation of asset management plan(s) and control of activities during maintenance (and inspection) of assets are sufficient to ensure activities are carried out under specified conditions, are consistent with asset management strategy and control cost, risk and performance?	The organisation does not have process(es)/procedure(s) in place to control or manage the implementation of asset management plan(s) during this life cycle phase.	The organisation is aware of the need to have process(es) and procedure(s) in place to manage and control the implementation of asset management plan(s) during this life cycle phase but currently do not have these in place and/or there is no mechanism for confirming they are effective and where needed modifying them.	The organisation is in the process of putting in place process(es) and procedure(s) to manage and control the implementation of asset management plan(s) during this life cycle phase. They include a process for confirming the process(es)/procedure(s) are effective and if necessary carrying out modifications.	The organisation has in place process(es) and procedure(s) to manage and control the implementation of asset management plan(s) during this life cycle phase. They include a process, which is itself regularly reviewed to ensure it is effective, for confirming the process(es)/ procedure(s) are effective and if necessary carrying out modifications.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
95	Performance and condition monitoring	How does the organisation measure the performance and condition of its assets?	The organisation has not considered how to monitor the performance and condition of its assets.	The organisation recognises the need for monitoring asset performance but has not developed a coherent approach. Measures are incomplete, predominantly reactive and lagging. There is no linkage to asset management objectives.	The organisation is developing coherent asset performance monitoring linked to asset management objectives. Reactive and proactive measures are in place. Use is being made of leading indicators and analysis. Gaps and inconsistencies remain.	Consistent asset performance monitoring linked to asset management objectives is in place and universally used including reactive and proactive measures. Data quality management and review process are appropriate. Evidence of leading indicators and analysis.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
99	Investigation of asset-related failures, incidents and nonconformities	How does the organisation ensure responsibility and the authority for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformance is clear, unambiguous, understood and communicated?	The organisation has not considered the need to define the appropriate responsibilities and the authorities.	The organisation understands the requirements and is in the process of determining how to define them.	The organisation are in the process of defining the responsibilities and authorities with evidence. Alternatively there are some gaps or inconsistencies in the identified responsibilities/authorities.	The organisation have defined the appropriate responsibilities and authorities and evidence is available to show that these are applied across the business and kept up to date.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

Company Name
AMP Planning Period
Asset Management Standard Applied

Top Energy Ltd
1 April 2014 – 31 March 2024

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document Information
105	Audit	What has the organisation done to establish procedure(s) for the audit of its asset management system (process(es))?	2	It is the opinion of AMCL that Top Energy is compliance at risk with Clause 4.6.4. To rectify this, Top Energy should develop Auditing capability and an Audit plan which covers all aspects of its Asset Management System. The Auditing process should be clearly linked into the management of improvement actions and management review as described under Clauses 4.6.5 and 4.7.		This question seeks to explore what the organisation has done to comply with the standard practice AM audit requirements (eg, the associated requirements of PAS 55 s 4.6.4 and its linkages to s 4.7).	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit teams, together with key staff responsible for asset management. For example, Asset Management Director, Engineering Director. People with responsibility for carrying out risk assessments	The organisation's asset-related audit procedure(s). The organisation's methodology(s) by which it determined the scope and frequency of the audits and the criteria by which it identified the appropriate audit personnel. Audit schedules, reports etc. Evidence of the procedure(s) by which the audit results are presented, together with any subsequent communications. The risk assessment schedule or risk registers.
109	Corrective & Preventative action	How does the organisation instigate appropriate corrective and/or preventive actions to eliminate or prevent the causes of identified poor performance and non conformance?	2	It is the opinion of AMCL that Top Energy is has compliance at risk for Clause 4.7. To rectify this, Top Energy needs to establish an overall management review Process which is focused on the scope of the Asset Management System as defined under Clause 4.1, and should provide a strategic review of all elements of the Asset Management System based on (but not limited to) business performance information, information from Audits, Corrective and Preventive Actions, and other sources of management information.		Having investigated asset related failures, incidents and non-conformances, and taken action to mitigate their consequences, an organisation is required to implement preventative and corrective actions to address root causes. Incident and failure investigations are only useful if appropriate actions are taken as a result to assess changes to a businesses risk profile and ensure that appropriate arrangements are in place should a recurrence of the incident happen. Widely used AM standards also require that necessary changes arising from preventive or corrective action are made to the asset management system.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit and incident investigation teams. Staff responsible for planning and managing corrective and preventive actions.	Analysis records, meeting notes and minutes, modification records. Asset management plan(s), investigation reports, audit reports, improvement programmes and projects. Recorded changes to asset management procedure(s) and process(es). Condition and performance reviews. Maintenance reviews
113	Continual Improvement	How does the organisation achieve continual improvement in the optimal combination of costs, asset related risks and the performance and condition of assets and asset systems across the whole life cycle?	2	It is the opinion of AMCL that Top Energy is has compliance at risk for Clause 4.7. To rectify this, Top Energy needs to establish an overall management review Process which is focused on the scope of the Asset Management System as defined under Clause 4.1, and should provide a strategic review of all elements of the Asset Management System based on (but not limited to) business performance information, information from Audits, Corrective and Preventive Actions, and other sources of management information.		Widely used AM standards have requirements to establish, implement and maintain process(es)/procedure(s) for identifying, assessing, prioritising and implementing actions to achieve continual improvement. Specifically there is a requirement to demonstrate continual improvement in optimisation of cost risk and performance/condition of assets across the life cycle. This question explores an organisation's capabilities in this area—looking for systematic improvement mechanisms rather than reviews and audit (which are separately examined).	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. Managers responsible for policy development and implementation.	Records showing systematic exploration of improvement. Evidence of new techniques being explored and implemented. Changes in procedure(s) and process(es) reflecting improved use of optimisation tools/techniques and available information. Evidence of working parties and research.
115	Continual Improvement	How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	2	It is the opinion of AMCL that Top Energy is has compliance at risk for Clause 4.7. To rectify this, Top Energy needs to establish an overall management review Process which is focused on the scope of the Asset Management System as defined under Clause 4.1, and should provide a strategic review of all elements of the Asset Management System based on (but not limited to) business performance information, information from Audits, Corrective and Preventive Actions, and other sources of management information.		One important aspect of continual improvement is where an organisation looks beyond its existing boundaries and knowledge base to look at what 'new things are on the market'. These new things can include equipment, process(es), tools, etc. An organisation which does this (eg, by the PAS 55 s 4.6 standards) will be able to demonstrate that it continually seeks to expand its knowledge of all things affecting its asset management approach and capabilities. The organisation will be able to demonstrate that it identifies any such opportunities to improve, evaluates them for suitability to its own organisation and implements them as appropriate. This question explores an organisation's approach to this activity.	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. People who monitor the various items that require monitoring for 'change'. People that implement changes to the organisation's policy, strategy, etc. People within an organisation with responsibility for investigating, evaluating, recommending and implementing new tools and techniques, etc.	Research and development projects and records, benchmarking and participation knowledge exchange professional forums. Evidence of correspondence relating to knowledge acquisition. Examples of change implementation and evaluation of new tools, and techniques linked to asset management strategy and objectives.

Company Name
AMP Planning Period
Asset Management Standard Applied

Top Energy Ltd
1 April 2014 – 31 March 2024

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
105	Audit	What has the organisation done to establish procedure(s) for the audit of its asset management system (process(es))?	The organisation has not recognised the need to establish procedure(s) for the audit of its asset management system.	The organisation understands the need for audit procedure(s) and is determining the appropriate scope, frequency and methodology(s).	The organisation is establishing its audit procedure(s) but they do not yet cover all the appropriate asset-related activities.	The organisation can demonstrate that its audit procedure(s) cover all the appropriate asset-related activities and the associated reporting of audit results. Audits are to an appropriate level of detail and consistently managed.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
109	Corrective & Preventative action	How does the organisation instigate appropriate corrective and/or preventive actions to eliminate or prevent the causes of identified poor performance and non conformance?	The organisation does not recognise the need to have systematic approaches to instigating corrective or preventive actions.	The organisation recognises the need to have systematic approaches to instigating corrective or preventive actions. There is ad-hoc implementation for corrective actions to address failures of assets but not the asset management system.	The need is recognized for systematic instigation of preventive and corrective actions to address root causes of non compliance or incidents identified by investigations, compliance evaluation or audit. It is only partially or inconsistently in place.	Mechanisms are consistently in place and effective for the systematic instigation of preventive and corrective actions to address root causes of non compliance or incidents identified by investigations, compliance evaluation or audit.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
113	Continual Improvement	How does the organisation achieve continual improvement in the optimal combination of costs, asset related risks and the performance and condition of assets and asset systems across the whole life cycle?	The organisation does not consider continual improvement of these factors to be a requirement, or has not considered the issue.	A Continual Improvement ethos is recognised as beneficial, however it has just been started, and or covers partially the asset drivers.	Continuous improvement process(es) are set out and include consideration of cost risk, performance and condition for assets managed across the whole life cycle but it is not yet being systematically applied.	There is evidence to show that continuous improvement process(es) which include consideration of cost risk, performance and condition for assets managed across the whole life cycle are being systematically applied.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
115	Continual Improvement	How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	The organisation makes no attempt to seek knowledge about new asset management related technology or practices.	The organisation is inward looking, however it recognises that asset management is not sector specific and other sectors have developed good practice and new ideas that could apply. Ad-hoc approach.	The organisation has initiated asset management communication within sector to share and, or identify 'new' to sector asset management practices and seeks to evaluate them.	The organisation actively engages internally and externally with other asset management practitioners, professional bodies and relevant conferences. Actively investigates and evaluates new practices and evolves its asset management activities using appropriate developments.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

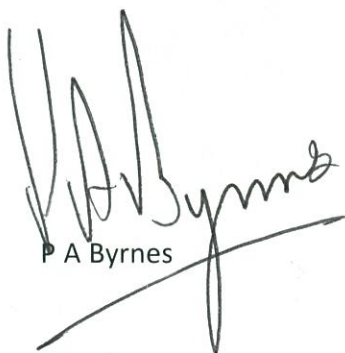
Directors Certificate

Certification for Year-end Disclosures

Clause 2.9.2 of section 2.9
Electricity Distribution Information Disclosure Determination 2012

We, Paul Anthony Byrnes and Gregory Mark Steed, being directors of Top Energy Limited certify that, having made all reasonable enquiry, to the best of our knowledge –

- a) The information prepared for the purposes of clauses 2.3.1 and 2.3.2; and clauses 2.4.21 and 2.4.22; clauses 2.5.1 and 2.5.2 and clauses 2.7.1 and 2.7.2 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and
- b) The historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 9e, 10 and 14a has been properly extracted from Top Energy's accounting and other records sourced from its financial and non-financial systems, and that sufficient records have been retained; and
- c) The forecasts in Schedules 11a, 11b, 12a, 12b, 12c and 12d are based on objective and reasonable assumptions which both align with Top Energy's corporate vision and strategy and are documented in retained records.



P A Byrnes



G M Steed

26th August 2014

INDEPENDENT AUDITOR'S REPORT TO THE DIRECTORS OF TOP ENERGY LIMITED AND TO THE COMMERCE COMMISSION

The Auditor-General is the auditor of Top Energy Limited (the company). The Auditor-General has appointed me, Andrew Burgess, using the staff and resources of Deloitte, to provide an opinion, on her behalf, on whether Schedules 1 to 4, 5a to 5g, 6a and 6b, 7, the SAIDI and SAIFI information disclosed in Schedule 10 and the explanatory notes in boxes 1 to 12 in Schedule 14 ('the Disclosure Information') for the disclosure year ended 31 March 2014, have been prepared, in all material respects, in accordance with the Electricity Distribution Information Disclosure Determination 2012 (the 'Determination').

Directors' responsibility for the Disclosure Information

The directors of the company are responsible for preparation of the Disclosure Information in accordance with the Determination, and for such internal control as the directors determine is necessary to enable the preparation of the Disclosure Information that is free from material misstatement.

Auditor's responsibility for the Disclosure Information

Our responsibility is to express an opinion on whether the Disclosure Information has been prepared, in all material respects, in accordance with the Determination.

Basis of opinion

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000: *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* issued by the External Reporting Board and the Standard on Assurance Engagements 3100: *Compliance Engagements* issued by the External Reporting Board.

These standards require that we comply with ethical requirements and plan and perform our audit to provide reasonable assurance (which is also referred to as 'audit' assurance) about whether the Disclosure Information has been prepared in all material respects in accordance with the Determination.

An audit involves performing procedures to obtain evidence about the amounts and disclosures in the Disclosure Information. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the Disclosure Information, whether due to fraud or error or non-compliance with the Determination. In making those risk assessments, the auditor considers internal control relevant to the company's preparation of the Disclosure Information in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control.

An audit also involves evaluating:

- The appropriateness of assumptions used and whether they have been consistently applied; and
- The reasonableness of the significant judgements made by the directors of the company.

Use of this report

This independent auditor's report has been prepared for the directors of the company and for the Commerce Commission for the purpose of providing those parties with independent audit assurance about whether the Disclosure Information has been prepared, in all material respects, in accordance with the Determination. We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the company or the Commerce Commission, or for any other purpose than that for which it was prepared.

Scope and inherent limitations

Because of the inherent limitations of an audit engagement, and the test basis of the procedures performed, it is possible that fraud, error or non-compliance may occur and not be detected.

We did not examine every transaction, adjustment or event underlying the Disclosure Information nor do we guarantee complete accuracy of the Disclosure Information. Also we did not evaluate the security and controls over the electronic publication of the Disclosure Information.

The opinion expressed in this independent auditor's report has been formed on the above basis.

Independence

When carrying out the engagement we followed the independence requirements of the Auditor-General, which incorporate the independence requirements of the External Reporting Board. We also complied with the independent auditor requirements specified in the Determination.


The Auditor-General, and her employees, and Deloitte and its partners and employees may deal with the company and its subsidiaries on normal terms within the ordinary course of trading activities of the company and its subsidiaries. Other than any dealings on normal terms within the ordinary course of business, this engagement and the annual audit of the company's financial statements and other regulatory audits, we have no relationship with or interests in the company and its subsidiaries.

Opinion

In our opinion:

- As far as appears from an examination of them, proper records to enable the complete and accurate compilation of the Disclosure Information have been kept by the company;
- The information used in the preparation of the Disclosure Information has been properly extracted from the company's accounting and other records and has been sourced, where appropriate, from the company's financial and non-financial systems; and
- The company has complied with the Determination, in all material respects, in preparing the Disclosure Information.

In forming our opinion, we have obtained sufficient recorded evidence and all the information and explanations we have required.



Andrew Burgess

Deloitte

On behalf of the Auditor-General
Auckland, New Zealand

26 August 2014