Information Disclosure prepared Under Part 4 of the Commerce Act 1986

For the Assessment Period: 1 April 2012 to 31 March 2013

EDB Information Disclosure Requirements

Information Templates

for

Schedules 1–10

Company Name	Top Energy Ltd
Disclosure Date	31 August 2013
Disclosure Year (year ended)	31 March 2013

Templates for Schedules 1–10
Template Version 2.1. Prepared 14 May 2013

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Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

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	38,777	417	179,945	3,254	48,917
Network	16,284	175	75,567	1,366	20,542
Non-network	22,493	242	104,378	1,887	28,375
Expenditure on assets	95,891	1,031	444,979	8,046	120,966
Network	85,995	925	399,059	7,216	108,483
Non-network	9,895	106	45,919	830	12,483

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
Total consumer line charge revenue	109,272	1,175
Standard consumer line charge revenue	104,474	1,124
Non-standard consumer line charge revenue	4,798	52

1(iii): Service intensity measures

Demand density	18	*Maximum coincident system demand per km circuit length (for supply) (kW/km)*
Volume density	84	*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	10,754	*Total energy delivered to ICPs per Average number of ICPs (kWh/ICP)*

1(iv): Composition of regulatory income

	($000)	% of revenue
Operational expenditure	12,763	34.77%
Pass-through and recoverable costs	8,625	23.50%
Total depreciation	6,836	18.62%
Total revaluation	1,374	3.74%
Regulatory tax allowance	2,626	7.15%
Regulatory profit/loss	7,230	19.70%
Total regulatory income	36,706	

1(v): Reliability

	Interruptions per 100 circuit km
Interruption rate	13.69

Company Name	**Top Energy Ltd**
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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(i): Return on Investment

		CY-2	CY-1	Current Year CY
		31 Mar 11	31 Mar 12	31 Mar 13
	Post tax WACC	%	%	%
	ROI—comparable to a post tax WACC		4.06%	2.92%
	Mid-point estimate of post tax WACC	6.87%	6.40%	5.85%
	25th percentile estimate	6.15%	5.68%	5.13%
	75th percentile estimate	7.60%	7.11%	6.56%
	Vanilla WACC			
	ROI—comparable to a vanilla WACC		4.88%	3.69%
	Mid-point estimate of vanilla WACC	7.82%	7.22%	6.62%
	25th percentile estimate	7.09%	6.51%	5.91%
	75th percentile estimate	8.52%	7.94%	7.34%

2(ii): Information Supporting the ROI

			($000)	
		Total opening RAB value	159,896	
	plus	Opening deferred tax	(1,780)	
		Opening RIV		158,116
		Operating surplus / (deficit)	15,318	
	less	Regulatory tax allowance	2,626	
	less	Assets commissioned	29,409	
	plus	Asset disposals	54	
		Notional net cash flows		(16,663)
		Total closing RAB value	183,788	
	less	Adjustment resulting from asset allocation	(0)	
	less	Lost and found assets adjustment	-	
	plus	Closing deferred tax	(2,866)	
		Closing RIV		180,922
		ROI—comparable to a vanilla WACC		3.69%
		Leverage (%)		44%
		Cost of debt assumption (%)		6.31%
		Corporate tax rate (%)		28%
		ROI—comparable to a post tax WACC		2.92%

Company Name	**Top Energy Ltd**
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SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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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						-
May						-
June						-
July						-
August						-
September						-
October						-
November						-
December						-
January						-
February						-
March						-
Total	-	-	-	-	-	-

	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	159,896			(1,780)		158,116
Monthly ROI -closing RIV	183,788	(0)	-	(2,866)	-	180,922
Monthly ROI -closing RIV less term credit spread differential allowance						180,922
Monthly ROI—comparable to a vanilla WACC						14.42%
Monthly ROI—comparable to a post-tax WACC						13.65%

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

Year-end ROI—comparable to a vanilla WACC	4.18%
Year-end ROI—comparable to a post-tax WACC	3.41%

** these year-end ROI values are comparable to the ROI reported in pre 2012 disclosures by EDBs and do not represent the Commission's current view on ROI.*

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).
Non-exempt EDBs must also complete sections 3(ii) and 3(iii).
This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref				
7	**3(i): Regulatory Profit**			**($000)**
8		**Income**		
9		Line charge revenue		35,966
10	*plus*	Gains / (losses) on asset disposals		-
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)		740
12				
13		**Total regulatory income**		36,706
14		**Expenses**		
15	*less*	Operational expenditure		12,763
17	*less*	Pass-through and recoverable costs		8,625
18				
19		**Operating surplus / (deficit)**		15,318
20				
21	*less*	Total depreciation		6,836
22				
23	*plus*	Total revaluation		1,374
24				
25		**Regulatory profit / (loss) before tax & term credit spread differential allowance**		9,856
26				
27	*less*	Term credit spread differential allowance		-
28				
29		**Regulatory profit / (loss) before tax**		9,856
30				
31	*less*	Regulatory tax allowance		2,626
32				
33		**Regulatory profit / (loss)**		7,230
34				
35	**3(ii): Pass-Through and Recoverable Costs**			**($000)**
36		**Pass-through costs**		
37		Rates	25	
38		Commerce Act levies	67	
		Electricity Authority levies	97	
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	4,292	
44		Transpower new investment contract charges	-	
45		System operator services	257	
46		Avoided transmission charge	3,888	
47		Input Methodology claw-back	-	
48		Recoverable customised price-quality path costs	-	
49		**Pass-through and recoverable costs**		8,625

Company Name	**Top Energy Ltd**
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SCHEDULE 3: REPORT ON REGULATORY PROFIT

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sch ref

3(iii): Incremental Rolling Incentive Scheme

($000)

		CY-1 31 March 2012	CY 31 March 2013
60	Allowed controllable opex	-	-
61	Actual controllable opex	-	-
62			
63	Incremental change in year		
64			

			Previous years' incremental change	Previous years' incremental change adjusted for inflation
65				
66	CY-5	31 Mar 08	-	-
67	CY-4	31 Mar 09	-	-
68	CY-3	31 Mar 10	-	-
69	CY-2	31 Mar 11	-	-
70	CY-1	31 Mar 12	-	-
71	**Net incremental rolling incentive scheme**			-
72				
73	**Net recoverable costs allowed under incremental rolling incentive scheme**			-

3(iv): Merger and Acquisition Expenditure

75	Merger and acquisition expenses	nil
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)	

3(v): Other Disclosures

79	Self-insurance allowance	-

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

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

sch ref

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

		RAB 2009 ($000)	RAB 2010 ($000)	RAB 2011 ($000)	RAB 2012 ($000)	RAB 2013 ($000)
	Total opening RAB value		137,423	141,413	149,994	159,896
less	**Total depreciation**	-	5,247	5,652	6,183	6,836
plus	**Total revaluations**	-	2,813	3,425	2,356	1,374
plus	**Assets commissioned**	-	6,453	10,582	13,734	29,409
less	**Asset disposals**	-	29	4	5	54
plus	**Lost and found assets adjustment**	-	-	-	-	-
plus	**Adjustment resulting from asset allocation**	-	-	230	-	(0)
	Total closing RAB value		141,413	149,994	159,896	183,788

4(ii): Unallocated Regulatory Asset Base

		Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
	Total opening RAB value		159,896		159,896
less					
	Total depreciation		6,836		6,836
plus					
	Total revaluations		1,374		1,374
plus					
	Assets commissioned (other than below)	9,438		9,438	
	Assets acquired from a regulated supplier	5,852		5,852	
	Assets acquired from a related party	14,119		14,119	
	Assets commissioned		29,409		29,409
less					
	Asset disposals (other than below)	54		54	
	Asset disposals to a regulated supplier	-		-	
	Asset disposals to a related party	-		-	
	Asset disposals		54		54
plus	**Lost and found assets adjustment**		-		-
plus	**Adjustment resulting from asset allocation**				(0)
	Total closing RAB value		183,789		183,788

** 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.*

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

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

sch ref

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

60		CPI_4	1,174
61		$CPI_4{}^{-4}$	1,164
62		Revaluation rate (%)	0.86%

			Unallocated RAB *		RAB	
			($000)	($000)	($000)	($000)
66		Total opening RAB value	159,896		159,896	
67	*less*	Opening RAB value of fully depreciated, disposed and lost assets	-		-	
69		Total opening RAB value subject to revaluation	159,896		159,896	
70		**Total revaluations**		1,374		1,374

4(iv): Roll Forward of Works Under Construction

			Unallocated works under construction		Allocated works under construction	
74		**Works under construction—preceding disclosure year**		9,939		9,939
75	*plus*	Capital expenditure	31,214		31,214	
76	*less*	Assets commissioned	29,409		29,409	
77	*plus*	Adjustment resulting from asset allocation			-	
78		**Works under construction - current disclosure year**		11,743		11,743

80		Highest rate of capitalised finance applied	4.58%

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

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

sch ref

4(v): Regulatory Depreciation

		Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
	Depreciation - standard	6,836		6,836	
	Depreciation - no standard life assets	-		-	
	Depreciation - modified life assets	-		-	
	Depreciation - alternative depreciation in accordance with CPP	-		-	
	Total depreciation		6,836		6,836

4(vi): Disclosure of Changes to Depreciation Profiles

($000 unless otherwise specified)

	Asset or assets with changes to depreciation*	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation
	No non standard depreciation	-	-	-	-
	0	-	-	-	-
	0	-	-	-	-
	0	-	-	-	-
	0	-	-	-	-
	0	-	-	-	-
	0	-	-	-	-
	0	-	-	-	-

** 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	19,059	569	13,104	46,841	35,415	26,526	12,653	1,973	3,756	159,896
less	Total depreciation	467	19	518	1,606	1,164	1,053	743	106	1,159	6,836
plus	Total revaluations	164	5	113	402	304	228	109	17	32	1,374
plus	Assets commissioned	8,566	3,052	6,268	2,533	2,494	1,649	1,025	565	3,257	29,409
less	Asset disposals	-	-	-	-	-	-	-	-	54	54
plus	Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
plus	Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	-	-
plus	Asset category transfers	-	-	-	-	-	-	-	-	-	-
	Total closing RAB value	27,321	3,606	18,967	48,171	37,048	27,350	13,044	2,449	5,832	183,788
	Asset Life										
	Weighted average remaining asset life	40.8	29.8	25.3	29.2	30.4	25.2	17.0	18.6	3.2	(years)
	Weighted average expected total asset life	60.0	52.2	45.0	43.3	43.0	36.7	37.7	26.5	5.3	(years)

Company Name	**Top Energy Ltd**
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SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).
This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref					
7	**5a(i): Regulatory Tax Allowance**				**($000)**
8		**Regulatory profit / (loss) before tax**			9,856
9					
10	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	-	*	
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	37	*	
12		Amortisation of initial differences in asset values	3,467		
13		Amortisation of revaluations	408		
14					3,912
15					
16	*less*	Income included in regulatory profit / (loss) before tax but not taxable	-	*	
17		Discretionary discounts and consumer rebates	-		
18		Expenditure or loss deductible but not in regulatory profit / (loss) before tax**	-	*	
19		Notional deductible interest	4,390		
20					4,390
21					
22		**Regulatory taxable income**			9,378
23					
24	*less*	Utilised tax losses	-		
25		Regulatory net taxable income			9,378
26					
27		Corporate tax rate (%)	0.28		
28		**Regulatory tax allowance**			2,626
29					
30	* Workings to be provided in Schedule 14				
31	** Excluding discretionary discounts and consumer rebates				
32	**5a(ii): Disclosure of Permanent Differences**				
33	In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).				
34	**5a(iii): Amortisation of Initial Difference in Asset Values**				**($000)**
35					
36		Opening unamortised initial differences in asset values	81,646		
37		Amortisation of initial differences in asset values	3,467		
38		Adjustment for unamortised initial differences in assets acquired	1,225		
39		Adjustment for unamortised initial differences in assets disposed	-		
40		Closing unamortised initial differences in asset values			79,404
41					
42		Opening weighted average remaining asset life (years)			24
43	**5a(iv): Amortisation of Revaluations**				**($000)**
44					
45		Opening Sum of RAB values without revaluations	151,845		
46					
47		Adjusted depreciation	6,428		
48		Total depreciation	6,836		
49		Amortisation of revaluations			408

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SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).
This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 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**	(1,780)	
66				
67	*plus*	Tax effect of adjusted depreciation	1,800	
68				
69	*less*	Tax effect of total tax depreciation	1,749	
70				
71	*plus*	Tax effect of other temporary differences*	7	
72				
73	*less*	Tax effect of amortisation of initial differences in asset values	971	
74				
75	*plus*	Deferred tax balance relating to assets acquired in the disclosure year	(173)	
76				
77	*less*	Deferred tax balance relating to assets disposed in the disclosure year	-	
78				
79	*plus*	Deferred tax cost allocation adjustment	-	
80				
81		**Closing deferred tax**		(2,866)
82				
83	**5a(vii): Disclosure of Temporary Differences**			
84		In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).		
85				
86	**5a(viii): Regulatory Tax Asset Base Roll-Forward**			
87				**($000)**
88		**Opening sum of regulatory tax asset values**	65,487	
89	*less*	Tax depreciation	6,247	
90	*plus*	Regulatory tax asset value of assets commissioned	26,517	
91	*less*	Regulatory tax asset value of asset disposals	58	
92	*plus*	Lost and found assets adjustment	-	
93	*plus*	Other adjustments to the RAB tax value	-	
94		**Closing sum of regulatory tax asset values**		85,698

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

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	352
Operational expenditure	7,761
Capital expenditure	14,119
Market value of asset disposals	-
Other related party transactions	123

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

Name of related party	Related party relationship
Phone Plus 2000 Ltd	Subsidiary
Ngawha Generation Ltd	Subsidiary
Top Energy Ltd - Contracting Services division	Division
-	0
-	

** 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
Phone Plus 2000 Ltd	Opex	Telephone services	91	Price paid, as more than 50% of the related party's sales of services are to unrelated third parties
Ngawha Generation Ltd	Opex	Avoided Transmission charges	2,317	At directly attributable cost
Ngawha Generation Ltd	Sales	Ngawha connection agreement	123	At the price received from the related party
Ngawha Generation Ltd	Sales	Injection charges	352	At cost incurred by the EDB
Top Energy Ltd - Contracting Services division	Capex	Construction of extensions to the Network Asset	14,119	At directly attributable cost
Top Energy Ltd - Contracting Services division	Opex	Network Asset	5,353	At directly attributable cost
0	[Select one]	0		0
0	[Select one]			0
0	[Select one]			
0	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			

** include additional rows if needed*

Company Name	**Top Energy Ltd**
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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		-

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SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

5d(i): Operating Cost Allocations

		Value allocated ($000s)				
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase ($000s)
10	**Service interruptions and emergencies**					
11	Directly attributable		1,133			
12	Not directly attributable	-	-	-	-	
13	**Total attributable to regulated service**		1,133			
14	**Vegetation management**					
15	Directly attributable		2,023			
16	Not directly attributable	-	-		-	
17	**Total attributable to regulated service**		2,023			
18	**Routine and corrective maintenance and inspection**					
19	Directly attributable		1,241			
20	Not directly attributable	-	-	-	-	
21	**Total attributable to regulated service**		1,241			
22	**Asset replacement and renewal**					
23	Directly attributable		964			
24	Not directly attributable	-	-	-	-	
25	**Total attributable to regulated service**		964			
26	**System operations and network support**					
27	Directly attributable		3,208			
28	Not directly attributable	-	-	-	-	
29	**Total attributable to regulated service**		3,208			
30	**Business support**					
31	Directly attributable		396			
32	Not directly attributable	-	3,799	1,960	5,759	
33	**Total attributable to regulated service**		4,195			
34						
35	**Operating costs directly attributable**		8,964			
36	**Operating costs not directly attributable**	-	3,799	1,960	5,759	-
37	**Operating expenditure**		12,763			

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

5d(ii): Other Cost Allocations

Pass through and recoverable costs

Pass through costs

48	Directly attributable	188
49	Not directly attributable	
50	**Total attributable to regulated service**	188

Recoverable costs

52	Directly attributable	8,437
53	Not directly attributable	
54	**Total attributable to regulated service**	8,437

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

($000)

Change in cost allocation 1

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
Cost category	Nil	Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	-	-

Rationale for change

Change in cost allocation 2

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
Cost category	Nil	Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	-	-

Rationale for change

Change in cost allocation 3

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
Cost category	Nil	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 2013**

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	27,321
Not directly attributable	-
Total attributable to regulated service	27,321
Subtransmission cables	
Directly attributable	3,606
Not directly attributable	-
Total attributable to regulated service	3,606
Zone substations	
Directly attributable	18,967
Not directly attributable	-
Total attributable to regulated service	18,967
Distribution and LV lines	
Directly attributable	48,171
Not directly attributable	-
Total attributable to regulated service	48,171
Distribution and LV cables	
Directly attributable	37,048
Not directly attributable	-
Total attributable to regulated service	37,048
Distribution substations and transformers	
Directly attributable	27,350
Not directly attributable	-
Total attributable to regulated service	27,350
Distribution switchgear	
Directly attributable	13,044
Not directly attributable	-
Total attributable to regulated service	13,044
Other network assets	
Directly attributable	2,449
Not directly attributable	-
Total attributable to regulated service	2,449
Non-network assets	
Directly attributable	-
Not directly attributable	5,832
Total attributable to regulated service	5,832
Regulated service asset value directly attributable	177,956
Regulated service asset value not directly attributable	5,832
Total closing RAB value	183,788

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

($000)

Change in asset value allocation 1

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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 2013**

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

Have costs been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination? **No**

	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	
12	**Service interruptions and emergencies**										
13	No Allocation									-	
14										-	
15										-	
16										-	
17	**Not directly attributable**						-	-	-	-	-
18	**Vegetation management**										
19	No Allocation									-	
20										-	
21										-	
22										-	
23	**Not directly attributable**						-	-	-	-	-
24	**Routine and corrective maintenance and inspection**										
25	No Allocation									-	
26										-	
27										-	
28										-	
29	**Not directly attributable**						-	-	-	-	-
30	**Asset replacement and renewal**										
31	No Allocation									-	
32										-	
33										-	
34										-	
35	**Not directly attributable**						-	-	-	-	-

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

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	66.24%	33.76%		298	152	450		
51	Corporate computer, telephone & PR	ABAA	Asset Book Value	Proxy	66.24%	33.76%		595	303	898		
	Executive, directors and support	ABAA	Director time spent	Causal	65.00%	35.00%		1,018	548	1,566		
	Audit, insurance,admin and consultancy	ABAA	Asset Book Value	Proxy	69.27%	30.73%		582	258	840		
	Corporate training, recruitment and welfare	ABAA	Asset Book Value	Proxy	66.24%	33.76%		256	130	386		
	Salaries executive and support	ABAA	EBITF	Proxy	65.69%	34.31%		226	118	344		
	Corporate salaries for property, procurement & finance	ABAA	Time spent	Causal	69.74%	30.26%		426	185	611		
	Salaries HR corporate	ABAA	Time spent	Causal	60.00%	40.00%		399	266	665		
52										-		
53										-		
54	**Not directly attributable**						-	3,799	1,960	5,759	-	
55												
56	**Operating costs not directly attributable**						-	3,799	1,960	5,759	-	
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	**31/03/2013**

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.

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

sch ref	Line Item*	Allocation methodology type	Allocator	Allocator type	Allocator Metric (%)		Value allocated ($000)				OVABAA allocation increase ($000)
					Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	
	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	**31/03/2013**

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											
49	**Distribution substations and transformers**										
50	All 100% distribution									-	
51										-	
52										-	
53										-	
54	**Not directly attributable**						-	-	-	-	-
55											
56	**Distribution switchgear**										
57	All 100% distribution									-	
58										-	
59										-	
60										-	
61	**Not directly attributable**						-	-	-	-	-
62	**Other network assets**										
63	All 100% distribution									-	
64										-	
65										-	
66										-	
67	**Not directly attributable**						-	-	-	-	-
68	**Non-network assets**										
69	All 100% distribution based on ACAM	ACAM			100.00%		-	5,832	-	5,832	
70										-	
71										-	
72										-	
73	**Not directly attributable**						-	5,832	-	5,832	-
74											
75	**Regulated service asset value not directly attributable**						-	5,832	-	5,832	-

** include additional rows if needed*

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION

This schedule requires information on:
- the calculation of the initial RAB value for the EDB, as of 31 March 2009;
- how the initial RAB value has been rolled forward to 31 March 2011;
- a summary of revaluations,
- the value of works under construction, and
- regulatory tax.

EDBs must complete this schedule in relation to the year ending 31 March 2012, and at that time must provide explanatory comment in Schedule 14b (Explanatory Notes on Transitional Financial Information) on the tax effect of temporary differences disclosed in part 5h(vii) of this schedule.

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

Regulatory Asset Base Value

5h(i): Establishment of Initial Regulatory Asset Base Value

			Unallocated ($000)	Initial RAB ($000)
11		2009 disclosed assets - 'Total Regulatory Asset Base Value (Excluding FDC)' as of 31 March 2009		129,450
13		2009 modified asset values (adjusted for results of asset adjustment process)		134,013
14		Adjustment to reinstate 2009 modified asset values to unallocated amounts	326	
15		**Unallocated 2009 modified asset values**		134,340
17	*less*	*(to the extent included in row 13)*		
18		Assets not used to supply electricity distribution services	4	
19		Easement land	-	
20		Non-qualifying intangible assets	-	
21		Works under construction	-	
22		**Unallocated asset values excluded from unallocated 2009 modified asset values**		4
24	*plus*	FDC allowance of 2.45% (Network assets)		3,234
26		**Unallocated initial RAB values**		137,569

5h(ii): Roll forward of Unallocated Regulatory Asset Base Value - 2010, 2011 and 2012

			2010 ($000)	2010 ($000)	2011 ($000)	2011 ($000)	2012 ($000)	2012 ($000)
31		**Total opening RAB value**		137,569		141,643		149,994
33	*less*	**Total depreciation**		5,353		5,652		6,183
35	*plus*	**Total revaluations**		2,813		3,425		2,356
37	*plus*	Assets commissioned (other than below)	2,109		(578)		2,154	
38		Assets acquired from a regulated supplier	-		-		-	
39		Assets acquired from a related party	4,530		11,160		11,580	
40		**Assets commissioned**		6,639		10,582		13,734
42	*less*	Asset disposals (other than below)	26		4		5	
43		Assets disposed of to a regulated supplier	-		-		-	
44		Assets disposed of to a related party	-		-		-	
45		**Asset disposals**		26		4		5
47	*plus*	Lost and found assets adjustment		-		-		-
49		**Total closing RAB value**		141,643		149,994		159,896

5h(iii): Calculation of Revaluation Rate and Indexed Revaluation

($000 unless otherwise specified)

			2010	2011	2012	
60		CPI at CPI reference date—preceding disclosure year	1,097	1,119	1,146	
61		CPI at CPI reference date—current disclosure year	1,119	1,146	1,164	
63		Revaluation rate (%)	2.05%	2.418%	1.57%	
66		Total opening RAB value	137,569	141,643	149,994	
67	*less*	Opening RAB value of fully depreciated, disposed and lost assets	76	4	5	
69		Total opening RAB value subject to revaluation	137,493	141,639	149,989	
70		**Total revaluations**		2,814	3,425	2,356

5h(iv): Works Under Construction

			Unallocated works under construction		Allocated works under construction	
74		**Works under construction—year ended 2009**	1,057		1,057	
75	*plus*	Capital expenditure—year ended 2010	7,957		7,957	
76	*less*	Assets commissioned—year ended 2010	6,639		6,639	
77	*plus*	Adjustment resulting from asset allocation—year ended 2010			-	
78		**Works under construction—year ended 2010**		2,375		2,375
79	*plus*	Capital expenditure—year ended 2011	13,282		13,282	
80	*less*	Assets commissioned—year ended 2011	10,582		10,582	
81	*plus*	Adjustment resulting from asset allocation—year ended 2011			-	
82		**Works under construction—year ended 2011**		5,075		5,075

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION

This schedule requires information on:
- the calculation of the initial RAB value for the EDB, as of 31 March 2009;
- how the initial RAB value has been rolled forward to 31 March 2011;
- a summary of revaluations,
- the value of works under construction, and
- regulatory tax.

EDBs must complete this schedule in relation to the year ending 31 March 2012, and at that time must provide explanatory comment in Schedule 14b (Explanatory Notes on Transitional Financial Information) on the tax effect of temporary differences disclosed in part 5h(vii) of this schedule.

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						
83	*plus*	Capital expenditure—year ended 2012	18,598		18,598	
84	*less*	Assets commissioned—year ended 2012	13,734		13,734	
85	*plus*	Adjustment resulting from asset allocation—year ended 2012			-	
86		**Works under construction—year ended 2012**		9,939		9,939
87						

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION

This schedule requires information on:
- the calculation of the initial RAB value for the EDB, as of 31 March 2009;
- how the initial RAB value has been rolled forward to 31 March 2011;
- a summary of revaluations,
- the value of works under construction, and
- regulatory tax.

EDBs must complete this schedule in relation to the year ending 31 March 2012, and at that time must provide explanatory comment in Schedule 14b (Explanatory Notes on Transitional Financial Information) on the tax effect of temporary differences disclosed in part 5h(vii) of this schedule.

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						
88					($000)	
89	**5h(v): Initial Difference in Asset Values and Amortisation**			2010		
90		Sum of initial RAB values		137,423		
91		Sum of regulatory tax asset values		45,376		
92		**Sum of initial differences in asset values**		92,047		
93						
94				2010	2011	2012
95		Opening unamortised initial differences in asset values		92,047	88,580	85,113
96	*less*	Amortisation of initial difference in asset values		3,467	3,467	3,467
97		Adjustment for unamortised initial differences in assets acquired		-	-	
98		Adjustment for unamortised initial differences in assets disposed		-	-	-
99		**Closing unamortised initial differences in asset values**		88,580	85,113	81,646
100						
101		Opening weighted average remaining asset life (years)		27	26	25
109	**5h(vi): Reconciliation of Tax Losses (EDB Business)**			2010	2011	2012
110		Opening tax losses			-	-
111	*plus*	Current period tax losses		-	-	
112	*less*	Utilised tax losses			-	-
113		**Closing tax losses**		-	-	-
114						
115	**5h(vii): Calculation of Deferred Tax Balance**			2010	2011	2012
116		Opening deferred tax			(611)	(1,266)
117						
118	*plus*	Tax effect of adjusted depreciation		1,606	1,529	1,633
119						
120	*plus*	Tax effect of total tax depreciation		(1,213)	(1,174)	(1,207)
121						
122	*plus*	Tax effect of other temporary differences *		36	(39)	31
123						
124	*less*	Tax effect of amortisation of initial differences in asset values		1,040	971	971
125						
126	*plus*	Deferred tax balance relating to assets acquired in the disclosure year				
127						
128	*plus*	Deferred tax cost allocation adjustment		-	-	-
129						
130		**Closing deferred tax**		(611)	(1,266)	(1,780)
131	**5h(viii): Disclosure of Temporary Differences**					
		In Schedule 14, provide descriptions and workings of items recorded in the asterisked category in Schedule 5h(vii) (Tax effect of other temporary differences).				
132					($000)	
133	**5h(ix): Regulatory Tax Asset Base Roll-Forward**			2010	2011	2012
134		Sum of unallocated initial RAB values		137,569		
135		Sum of adjusted tax values		45,712		
136		Sum of tax asset values		45,712		
137		Result of asset allocation ratio		0.993		
138		**Opening Sum of regulatory tax asset values**		45,376	47,708	55,598
139	*less*	Regulatory tax depreciation		4,042	4,194	4,312
140	*plus*	Regulatory tax asset value of assets commissioned		7,506	11,624	14,212
141	*less*	Regulatory tax asset value of asset disposals		41	1	11
142	*plus*	Lost and found assets adjustment		-	124	
143	*plus*	Other adjustments to the RAB tax value		(1,091)	336	-
144		**Closing sum of regulatory tax asset values**		47,708	55,598	65,487

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

SCHEDULE 5i: REPORT ON INITIAL RAB ADJUSTMENT

Under clause 2.2.1 of the IM determination an EDB may undertake an asset adjustment process in setting their initial RAB.
If the EDB has adjusted its RAB in accordance with clause 2.2.1 of the IM determination, it must complete this schedule when disclosing information relating to the year ending 31 March 2012.

sch ref

Summary of Engineer's Valuation Adjustments (at time asset enters regulatory asset register)

	Asset adjustment process - adjustments	2004 * ($000)	2005 ($000)	2006 ($000)	2007 ($000)	2008 ($000)	2009 ($000)
11	Include load control relays						-
12	**Correct asset register errors for 2004 ODV assets**						
13	Streetlight Lines Omitted	40					
14	Streetlight Cables Omitted	133					
	Distribution Lines - correct asset ages	1,788					
15	Distribution Switch gear - correct asset ages	997					
16		2,958					
17	**Correct asset register errors for 2005 – 2009 assets**						
18							
19							
20							
21							
22	**Re-apply an existing multiplier to 2004 ODV assets**						
23	Distribution Switch gear - apply remote multiplier	168					
24							
25							
26		168					
27	**Re-apply a modified multiplier to 2004 ODV assets**						
28	Low Voltage Cables apply multipliers	299					
29							
30							
31		299					
32	**Re-apply optimisation or EV tests to 2004 ODV assets**						
33	Zone Substation Transformers	96					
34	Distribution Transformers	568					
35							
36		665					
37							
38	**Total value of adjustments by disclosure year**	4,090	-	-	-	-	-

39 ** Includes assets which first entered the regulatory asset register in a disclosure year prior to 2004.*

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

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		600
	System growth		21,639
	Asset replacement and renewal		2,433
	Asset relocations		9
	Reliability, safety and environment:		
	Quality of supply	3,623	
	Legislative and regulatory	-	
	Other reliability, safety and environment	-	
	Total reliability, safety and environment		3,623
	Expenditure on network assets		28,305
	Non-network assets		3,257
	Expenditure on assets		31,562
plus	Cost of financing		244
less	Value of capital contributions		600
plus	Value of vested assets		8
	Capital expenditure		31,214

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

	($000)
Energy efficiency and demand side management, reduction of energy losses	-
Overhead to underground conversion	10
Research and development	15

6a(iii): Consumer Connection

*Consumer types defined by EDB**	($000)	($000)
Mass market	501	
Commercial	99	
Industrial	-	
-	-	

** include additional rows if needed*

Consumer connection expenditure		600
less Capital contributions funding consumer connection expenditure	600	
Consumer connection less capital contributions		-

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

	System Growth ($000)	Asset Replacement and Renewal ($000)
Subtransmission	12,421	199
Zone substations	5,153	20
Distribution and LV lines	2,425	1,204
Distribution and LV cables	808	144
Distribution substations and transformers	456	702
Distribution switchgear	42	74
Other network assets	334	89
System growth and asset replacement and renewal expenditure	21,639	2,433
less Capital contributions funding system growth and asset replacement and renewal		-
System growth and asset replacement and renewal less capital contributions	21,639	2,433

6a(v): Asset Relocations

*Project or programme**	($000)	($000)
Relocate Network line_Opara Rd	9	
-	-	
-	-	

** include additional rows if needed*

All other asset relocations projects or programmes	-	
Asset relocations expenditure		9
less Capital contributions funding asset relocations	-	
Asset relocations less capital contributions		9

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

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)
		Wiroa to Kaitaia 110kv - detailed planning and design and consenting	610	
		Kerikeri no 1 line 3.5km - Waipapa Rd to the Kerikeri substation site	872	
		-	-	
		-	-	
		Other	2,142	
		** include additional rows if needed*		
		All other quality of supply projects or programmes	-	
		Quality of supply expenditure		3,623
	less	Capital contributions funding quality of supply	-	
		Quality of supply less capital contributions		3,623

6a(vii): Legislative and Regulatory

		*Project or programme**	($000)	($000)
		-	-	
		-	-	
		-	-	
		-	-	
		-	-	
		** 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)
		-	-	
		-	-	
		-	-	
		-	-	
		-	-	
		** include additional rows if needed*		
		All other reliability, safety and environment projects or programmes	-	
		Other reliability, safety and environment expenditure		-
	less	Capital contributions funding other reliability, safety and environment	-	
		Other reliability, safety and environment less capital contributions		-

6a(ix): Non-Network Assets

Routine expenditure

		*Project or programme**	($000)	($000)
		Computer Hardware	175	
		L/hold Buildings Fitout	75	
		Ladder	-	
		Land	717	
		Plant & Equip (Equip)	294	
		Plant & Equip (Furn)	43	
		Software	1,807	
		Vehicles	145	
		-	-	
		** include additional rows if needed*		
		All other routine expenditure projects or programmes	-	
		Routine expenditure		3,257

Atypical expenditure

		*Project or programme**	($000)	($000)
		-	-	
		-	-	
		-	-	
		-	-	
		-	-	

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

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			
130	** include additional rows if needed*		
131	All other atypical expenditure projects or programmes	-	
132	**Atypical expenditure**		-
133			
134	**Non-network assets expenditure**		3,257

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

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	1,133	
9	Vegetation management	2,023	
10	Routine and corrective maintenance and inspection	1,241	
11	Asset replacement and renewal	964	
12	**Network opex**		5,360
13	System operations and network support	3,208	
14	Business support	4,195	
15	**Non-network opex**		7,403
16			
17	**Operational expenditure**		12,763
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		182
23	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

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	36,622	35,966	(2%)
9	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
10	Consumer connection	1,045	600	(43%)
11	System growth	17,788	21,639	22%
12	Asset replacement and renewal	3,000	2,433	(19%)
13	Asset relocations	-	9	-
14	Reliability, safety and environment:			
15	Quality of supply	6,597	3,623	(45%)
16	Legislative and regulatory	-	-	-
17	Other reliability, safety and environment	-	-	-
18	**Total reliability, safety and environment**	6,597	3,623	(45%)
19	**Expenditure on network assets**	28,430	28,305	(0%)
20	Non-network capex	2,269	3,257	44%
21	**Expenditure on assets**	30,699	31,562	3%
22	**7(iii): Operational Expenditure**			
23	Service interruptions and emergencies	1,425	1,133	(21%)
24	Vegetation management	2,180	2,023	(7%)
25	Routine and corrective maintenance and inspection	1,380	1,241	(10%)
26	Asset replacement and renewal	910	964	6%
27	**Network opex**	5,895	5,360	(9%)
28	System operations and network support	3,292	3,208	(3%)
29	Business support	4,564	4,195	(8%)
30	**Non-network opex**	7,856	7,403	(6%)
31	**Operational expenditure**	13,751	12,763	(7%)
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	-	10	-
35	Research and development	-	15	-
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	183	182	(1%)
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 2013**
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(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	3.00	59945.01
TOU	commercial	Standard	61.00	35188.43
CAP150	commercial	Standard	128.00	13761.32
DAY	residential	Standard	904.00	11578.71
FC	residential	Standard	0.00	5688.69
NGT	residential	Standard	0.00	5042.79
PC	residential	Standard	21311.00	134730.83
UC	residential	Standard	7985.00	61590.88
STL (UM)	Unmetered	Standard	214.00	1614.22
0	0	[Select one]	0.00	0.00
Add extra rows for additional consumer groups or price category codes as necessary				
		Standard consumer totals	30,603	269,196
		Non-standard consumer totals	3	59,945
		Total for all consumers	30,606	329,141

Billed quantities by price component

Price component		Gross Income	Gross Income				*Add extra columns for additional billed quantities by price component as necessary*
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)		Days	kWh				
	0	59945.01	0.00	0	0	0	
	0	0.00	35188.43	0	0	0	
	0	0.00	13761.32	0	0	0	
	0	0.00	11578.71	0	0	0	
	0	0.00	5688.69	0	0	0	
	0	0.00	5042.79	0	0	0	
	0	0.00	134730.83	0	0	0	
	0	0.00	61590.88	0	0	0	
	0	1614.22	0.00	0	0	0	
	0	0.00	0.00	0	0	0	
		1614.22	267581.65	-	-	-	
		59945.01	0.00	-	-	-	
		61559.23	267581.65	-	-	-	

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**
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

								Line charge revenues by price component						
							Price component		Gross Income	Gross Income		Discount	Discount	*Add extra columns for additional line charge revenues by price component as necessary*
	Consumer group name or price category code	**Consumer type or types (eg, residential, commercial etc.)**	**Standard or non-standard consumer group (specify)**	**Total line charge revenue in disclosure year**	**Notional revenue foregone (if applicable)**	**Total distribution line charge revenue**	**Total transmission line charge revenue (if available)**	**Rate (eg, $/day, $/kWh, etc.)**	$/Days	$/kWh		$/Days	$/kWh	
44	IND	industrial	Non-standard	$1,579	$21	$1,579			$1,600	$0		-$21	$0	
45	TOU	commercial	Standard	$2,890	$68	$2,890			$477	$2,481		-$12	-$17	
46	CAP150	commercial	Standard	$1,653	$61	$1,653			$374	$1,341		-$23	-$38	
47	DAY	residential	Standard	$1,607	$149	$1,607			$49	$1,707		-$43	-$106	
48	PC	residential	Standard	$314	$0	$314			$0	$314		$0	$0	
49	NGT	residential	Standard	$120	$0	$120			$0	$120		$0	$0	
50	PC	residential	Standard	$15,762	$3,559	$15,762			$1,161	$18,160		-$1,025	-$2,534	
51	UC	residential	Standard	$11,630	$1,214	$11,630			$436	$12,408		-$378	-$837	
52	STL (UM)	Unmetered	Standard	$409	$0	$409			$409	$0		$0	$0	
53														
54	*Add extra rows for additional consumer groups or price category codes as necessary*													
55			**Standard consumer totals**	$34,387	$5,052	$34,387			$2,907	$36,532	-	($1,480)	($3,572)	
56			**Non-standard consumer totals**	$1,579	$21	$1,579			$1,600		-	($21)	-	
57			**Total for all consumers**	$35,966	$5,073	$35,966	-		$4,507	$36,532	-	($1,501)	($3,572)	

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end	0	**Check** OK

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**
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

8	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy 1–4
9	All	Overhead Line	Concrete poles / steel structure	No.	34,234	34,180	(54)	3
10	All	Overhead Line	Wood poles	No.	2,126	2,109	(17)	3
11	All	Overhead Line	Other pole types	No.	4	3	(1)	3
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	259	268	9	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	1	-	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	11	-	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	-	3
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	3
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	105	103	(2)	3
29	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	4
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	4
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	49	49	-	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	22	22	-	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	3
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	18	18	-	3
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,106	2,111	5	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	4
37	HV	Distribution Line	SWER conductor	km	466	452	(14)	3
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	140	139	(1)	3
39	HV	Distribution Cable	Distribution UG PILC	km	34	32	(1)	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	3	3	-	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	372	360	(12)	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	50	50	-	3
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1,243	1,223	(20)	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	11	15	4	4
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	156	163	7	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	5,153	5,127	(26)	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	801	796	(5)	3
48	HV	Distribution Transformer	Voltage regulators	No.	11	11	-	4
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	801	796	(5)	2
50	LV	LV Line	LV OH Conductor	km	229	226	(3)	3
51	LV	LV Cable	LV UG Cable	km	634	635	1	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	336	336	0	3
53	LV	Connections	OH/UG consumer service connections	No.	31,002	31,217	215	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	289	388	99	3
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	21	-	4
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	Top Energy Ltd
For Year Ended	31 March 2013
Network / Sub-network Name	Top Energy Ltd

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 2013

Number of assets at disclosure year end by installation date

9	Voltage	Asset category	Asset class	Units	pre-1940	1940 –1949	1950 –1959	1960 –1969	1970 –1979	1980 –1989	1990 –1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	No. with Age unknown	Total assets at year end	No. with default dates	Data accuracy (1–4)	
10	All	Overhead Line	Concrete poles / steel structure	No		348	488	4,531	7,750	6,867	5,572	673	807	577	349	335	593	332	471	693	372	613	573	347	21		34,180		1	10
11	All	Overhead Line	Wood poles	No	2	36	148	549	712	736	708	32	36	39	8	31	8	24	59	35	30	118	3	3			2,109		2	10
12	All	Overhead Line	Other pole types	No																							3		1	10
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km			5	24	108	73	24	6			4		1	1				2	6	20			268		1	10
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km						56																	56		4	10
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km								1												0	0		1		1	10
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km																									2	10
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km																									4	10
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km																									4	10
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km																									4	10
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km																									4	10
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																									4	10
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km																									4	10
23	HV	Subtransmission Cable	Subtransmission submarine cable	km																									4	10
24	HV	Zone substation Buildings	Zone substations up to 66kV	No				2	4	4												1					11		1	10
25	HV	Zone substation Buildings	Zone substations 110kV+	No				1																			1		1	10
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No																									4	10
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No				6										1									7		1	10
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No					1																				1	10
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No			1	14	28	23	6		5	6	1	2	1	4	3			5	1				103		1	10
30	HV	Zone substation switchgear	33kV RMU	No																									4	10
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No																									4	10
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No				16	8	5			4						1	1		2	1	1		1	40		1	10
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No				5	5	2											3	6	1				22		1	10
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No																									4	10
45	HV	Zone Substation Transformer	Zone Substation Transformers	No				4	6	5										1							16		1	10
46	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2	53	123	430	498	360	104	68	61	6	11	26	33	58	11	26	9	10	23	18	1		2,111		1	10
47	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km																									4	10
48	HV	Distribution Line	SWER conductor	km		89	92	105	46	46	34	6	3		3	6	9	4	12	5	6	3	3	0	0		452		1	10
49	HV	Distribution Cable	Distribution UG XLPE or PVC	km				0	3	3	14	28	4	2	8	10	16	11	10	12	3	4	4	5	0		138		1	10
50	HV	Distribution Cable	Distribution UG PILC	km				0	3	5	10	7	9	6	9	5	3	2	0	0		0	5	0			72		1	10
51	HV	Distribution Cable	Distribution Submarine Cable	km					1										1				1				3		1	10
52	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No	2	5	6	4	7	3	12	8	3	2	6	6	3	2	17	72	120	33	47	7			382		1	10
53	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No				23	13	12		2															50		1	10
54	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No		23	32	183	182	96	114	34	16	5	42	30	38	48	56	55	89	65	72	41			1,223		1	10
55	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No							4	3			2				1	1				1			15		1	10
56	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No				1	1	5	8	8		2	10	13	20	23	14	18	11	4	15	12	2		163		1	10
57	HV	Distribution Transformer	Pole Mounted Transformer	No	58	116	286	475	453	538	1,277	373	184	109	136	173	193	239	206	221	151	165	230	126	16		5,127		1	10
58	HV	Distribution Transformer	Ground Mounted Transformer	No			4	6	29	34	141	63	33	24	50	59	80	67	45	66	22	22	34	19	1		796		1	10
59	HV	Distribution Transformer	Voltage regulators	No															2	1							11		1	10
60	HV	Distribution Substations	Ground Mounted Substation Housing	No			2	6	29	34	141	63	33	24	50	59	80	67	45	66	22	22	34	19	1		796		1	10
61	LV	LV Line	LV OH Conductor	km		6	16	61	58	46	42	5	4	1	4	4	3	1	2	1	2	2	1	0			226		1	10
62	LV	LV Cable	LV UG Cable	km				35	98	112	153	32	16	7	22	17	16	11	15	17	8	6	6	2	0		635		1	10
63	LV	LV Street lighting	LV OH/UG Streetlight circuit	km		1	21	56	70	71	19	5	3	0	13	17	16	15	11	10	1	1	0	0			336		1	10
64	LV	Connections	OH/UG consumer service connections	No								500	1,200	534	810	80			1,372		1,355	612	240	372	177	215		24,000	31,217		2
65	All	Protection	Protection relays (electromechanical, solid state and numeric)	No			43	4	108	24	5	3		9			16	1	11	86	11	21	2	7	36		1	388		1	10
66	All	SCADA and communications	SCADA and communications equipment operating as a single system	lot											1													1		1	10
67	All	Capacitor Banks	Capacitors including controls	No				4	2	2	9	1				3							1					21		1	10
68	All	Load Control	Centralised plant	lot							1								1									2		1	10
69	All	Load Control	Relays	No																										4	10
70	All	Civils	Cable Tunnels	km																										4	10

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**
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)
10	**Circuit length by operating voltage (at year end)**			
11	> 66kV	56	-	56
12	50kV & 66kV	-	-	-
13	33kV	268	1	269
14	SWER (all SWER voltages)	452	2	454
15	22kV (other than SWER)	21	9	29
16	6.6kV to 11kV (inclusive—other than SWER)	2,092	162	2,253
17	Low voltage (< 1kV)	226	635	861
18	**Total circuit length (for supply)**	3,114	808	3,923
19				
20	Dedicated street lighting circuit length (km)	10	326	336
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			317

		Circuit length (km)	(% of total overhead length)
22			
23	**Overhead circuit length by terrain (at year end)**		
24	Urban	176	6%
25	Rural	1,999	64%
26	Remote only	5	0%
27	Rugged only	663	21%
28	Remote and rugged	-	-
29	Unallocated overhead lines	270	9%
30	**Total overhead length**	3,114	100%

		Circuit length (km)	(% of total circuit length)
31			
32			
33	Length of circuit within 10km of coastline or geothermal areas (where known)	3,642	93%

		Circuit length (km)	(% of total overhead length)
34			
35	Overhead circuit requiring vegetation management	323	10%

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

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

sch ref	Location *	Number of ICPs served	Line charge revenue ($000)
9	Kerikeri Retirement Home, Kerikeri Rd 0245	1	58
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 2013**
Network / Sub-network Name	**Top Energy Ltd**

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref

9e(i): Consumer Connections

Number of ICPs connected in year by consumer type

*Consumer types defined by EDB**	Number of connections (ICPs)
Residential	246
Commercial	3
Industrial	-
Unmetered	8
	-

** include additional rows if needed*

Connections total	257

Distributed generation

Number of connections made in year	20	connections
Capacity of distributed generation installed in year	0	MVA

9e(ii): System Demand

		Demand at time of maximum coincident demand (MW)
	Maximum coincident system demand	
	GXP demand	47
plus	Distributed generation output at HV and above	24
	Maximum coincident system demand	71
less	Net transfers to (from) other EDBs at HV and above	
	Demand on system for supply to consumers' connection points	71

		Energy (GWh)	Energy (GWh)
	Electricity volumes carried		
	Electricity supplied from GXPs	161	
less	Electricity exports to GXPs	-	
plus	Electricity supplied from distributed generation	202	
less	Net electricity supplied to (from) other EDBs	-	
	Electricity entering system for supply to consumers' connection points	364	
less	Total energy delivered to ICPs	329	
	Electricity losses (loss ratio)	35	9.5%

Load factor	1

9e(iii): Transformer Capacity

	(MVA)
Distribution transformer capacity (EDB owned)	261
Distribution transformer capacity (Non-EDB owned)	42
Total distribution transformer capacity	303
Zone substation transformer capacity	232

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2013**
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)	256
	Class C (unplanned interruptions on the network)	281
	Class D (unplanned interruptions by Transpower)	-
	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	537

	Interruption restoration	≤3Hrs	>3hrs
	Class C interruptions restored within	185	96

	SAIFI and SAIDI by class	SAIFI	SAIDI
	Class A (planned interruptions by Transpower)	-	-
	Class B (planned interruptions on the network)	0.64	144
	Class C (unplanned interruptions on the network)	4.03	251
	Class D (unplanned interruptions by Transpower)	-	-
	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	4.67	395.3

	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
	Classes B & C (interruptions on the network)	5	327

	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	0.06	3
	Vegetation	0.55	39
	Adverse weather	0.24	40
	Adverse environment	-	-
	Third party interference	0.40	33
	Wildlife	0.14	3
	Human error	0.17	1
	Defective equipment	1.45	92
	Cause unknown	1.03	40

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

	Main equipment involved	SAIFI	SAIDI
	Subtransmission lines	0.23	119
	Subtransmission cables	-	-
	Subtransmission other	-	-
	Distribution lines (excluding LV)	0.41	24
	Distribution cables (excluding LV)	0.01	1
	Distribution other (excluding LV)	-	-

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

	Main equipment involved	SAIFI	SAIDI
	Subtransmission lines	1.07	68
	Subtransmission cables	-	-
	Subtransmission other	-	-
	Distribution lines (excluding LV)	2.94	179
	Distribution cables (excluding LV)	0.01	4
	Distribution other (excluding LV)	-	-

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	10	324	3.08
Subtransmission cables	-	1	-
Subtransmission other	-		
Distribution lines (excluding LV)	268	2,564	10.45
Distribution cables (excluding LV)	3	172	1.74
Distribution other (excluding LV)	-		
Total	281		

EDB Information Disclosure Requirements

Information Templates

for

Transitional Schedules

Company Name	Top Energy
Disclosure Date	31 August 2013
Disclosure Year (year ended)	31 March 2012

Templates for Schedules 3, 5b, 5e & 8
Template Version 1.0. Prepared 19 June 2013

Company Name	**Top Energy**
For Year Ended	**31 March 2012**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).
Non-exempt EDBs must also complete sections 3(ii) and 3(iii).
This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref				
7	**3(i): Regulatory Profit**			**($000)**
8		**Income**		
9		Line charge revenue		34,336
10	*plus*	Gains / (losses) on asset disposals		-
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)		101
12				
13		**Total regulatory income**		34,437
14		**Expenses**		
15	*less*	Operational expenditure		14,333
17	*less*	Pass-through and recoverable costs		7,582
18				
19		**Operating surplus / (deficit)**		12,523
20				
21	*less*	Total depreciation		6,183
22				
23	*plus*	Total revaluation		2,356
24				
25		**Regulatory profit / (loss) before tax & term credit spread differential allowance**		8,696
26				
27	*less*	Term credit spread differential allowance		-
28				
29		**Regulatory profit / (loss) before tax**		8,696
30				
31	*less*	Regulatory tax allowance		869
32				
33		**Regulatory profit / (loss)**		7,827
34				
35	**3(ii): Pass-Through and Recoverable Costs**			**($000)**
36		**Pass-through costs**		
37		Rates	22	
38		Commerce Act levies	61	
		Electricity Authority levies	67	
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	5,351	
44		Transpower new investment contract charges		
45		System operator services	238	
46		Avoided transmission charge	1,843	
47		Input Methodology claw-back		
48		Recoverable customised price-quality path costs		
49		**Pass-through and recoverable costs**		7,582

Company Name	**Top Energy**
For Year Ended	**31 March 2012**

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

3(iii): Incremental Rolling Incentive Scheme

($000)

			CY-1 31 March 2011	CY 31 March 2012
60	Allowed controllable opex		-	-
61	Actual controllable opex		-	-
62				
63	Incremental change in year			-
64				
65			Previous years' incremental change	Previous years' incremental change adjusted for inflation
66	CY-5	31 Mar 07		
67	CY-4	31 Mar 08		
68	CY-3	31 Mar 09		
69	CY-2	31 Mar 10		
70	CY-1	31 Mar 11		
71	**Net incremental rolling incentive scheme**			-
72				
73	**Net recoverable costs allowed under incremental rolling incentive scheme**			-

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)	

3(v): Other Disclosures

79	Self-insurance allowance	12

Company Name	**Top Energy**
For Year Ended	**31 March 2012**

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	
Operational expenditure	
Capital expenditure	11,580
Market value of asset disposals	
Other related party transactions	

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

Name of related party	Related party relationship
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
Top Energy Ltd - Contracting Services division	Capex	Construction of extensions to the Network Asset	11,580	At directly attributable cost
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			

** include additional rows if needed*

Company Name	**Top Energy Ltd**
For Year Ended	**31 March 2010**

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	-
Not directly attributable	-
Total attributable to regulated service	-
Subtransmission cables	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Zone substations	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution and LV lines	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution and LV cables	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution substations and transformers	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution switchgear	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Other network assets	
Directly attributable	139,118
Not directly attributable	-
Total attributable to regulated service	139,118
Non-network assets	
Directly attributable	-
Not directly attributable	2,295
Total attributable to regulated service	2,295
Regulated service asset value directly attributable	139,118
Regulated service asset value not directly attributable	2,295
Total closing RAB value	141,413

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

($000)

Change in asset value allocation 1

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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 2011**

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	-
Not directly attributable	-
Total attributable to regulated service	-
Subtransmission cables	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Zone substations	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution and LV lines	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution and LV cables	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution substations and transformers	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution switchgear	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Other network assets	
Directly attributable	147,339
Not directly attributable	-
Total attributable to regulated service	147,339
Non-network assets	
Directly attributable	-
Not directly attributable	2,655
Total attributable to regulated service	2,655
Regulated service asset value directly attributable	147,339
Regulated service asset value not directly attributable	2,655
Total closing RAB value	149,994

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

($000)

Change in asset value allocation 1

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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 2012**

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	-
Not directly attributable	-
Total attributable to regulated service	-
Subtransmission cables	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Zone substations	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution and LV lines	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution and LV cables	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution substations and transformers	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Distribution switchgear	
Directly attributable	-
Not directly attributable	-
Total attributable to regulated service	-
Other network assets	
Directly attributable	156,141
Not directly attributable	-
Total attributable to regulated service	156,141
Non-network assets	
Directly attributable	-
Not directly attributable	3,755
Total attributable to regulated service	3,755
Regulated service asset value directly attributable	156,141
Regulated service asset value not directly attributable	3,755
Total closing RAB value	159,896

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

($000)

Change in asset value allocation 1

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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

			CY-1 31 Mar 12	Current Year (CY) 31 Mar 13
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**
For Year Ended	**31 March 2012**
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

sch ref

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

9

10

11

					Billed quantities by price component						
					Price component	0	Gross Income	Gross Income	0	0	0
12											
13	**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)**	**Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)**	0	Days	kWh	0	0	0
14												
15	IND	industrial	Non-standard	3	59,115			59,115				
16	TOU	commercial	Standard	61	33,814				33,814			
17	CAP150	commercial	Standard	118	12,361				12,361			
18	DAY	residential	Standard	900	11,359				11,359			
19	FC	residential	Standard	-	5,503				5,503			
20	NGT	residential	Standard		4,818				4,818			
21	PC	residential	Standard	21,238	136,132				136,132			
22	UC	residential	Standard	7,950	67,992				67,992			
23	STL (UM)	Unmetered	Standard	217	1,627			1,627				
24												
25	*Add extra rows for additional consumer groups or price category codes as necessary*											
26			**Standard consumer totals**	30,484	273,607			1,627	271,980			
27			**Non-standard consumer totals**	3	59,115			59,115	-			
28			**Total for all consumers**	30,487	332,722		-	60,742	271,980	-	-	-
29												

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

Company Name	**Top Energy**
For Year Ended	**31 March 2012**
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)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Line charge revenues by price component						
								Price component		Gross Income	Gross Income		Discount	Discount
								Rate (eg, $/day, $/kWh, etc.)		$/Days	$/kWh		$/Days	$/kWh
44	IND	industrial	Non-standard	$1,368		$1,368				$1,368	-			
45	TOU	commercial	Standard	$2,513		$2,513				$446	$2,067			
46	CAP150	commercial	Standard	$1,439		$1,439				$300	$1,139			
47	DAY	residential	Standard	$1,390		$1,390				$49	$1,341			
48	FC	residential	Standard	$242		$242				-	$242			
49	NGT	residential	Standard	$92		$92				-	$92			
50	PC	residential	Standard	$15,723		$15,723				$1,160	$14,563			
51	UC	residential	Standard	$11,247		$11,247				$437	$10,810			
52	STL (UM)	Unmetered	Standard	$324		$324				$324				
53				-		-								
54	*Add extra rows for additional consumer groups or price category codes as necessary*													
55			**Standard consumer totals**	$32,968		$32,968	-			$2,715	$30,253			
56			**Non-standard consumer totals**	$1,368		$1,368	-			$1,368	-			
57			**Total for all consumers**	$34,336	-	$34,336	-		-	$4,083	$30,253	-	-	-

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

8(iii): Number of ICPs directly billed

59		**Check**	**OK**
60	**Number of directly billed ICPs at year end**	3	

EDB Information Disclosure Requirements

Information Templates

for

Schedules 11–13

Company Name	Top Energy Ltd
Disclosure Date	31 March 2013
AMP Planning Period Start Date (first day)	1 April 2013

Templates for Schedules 11a–13 (Asset Management Plan)
Template Version 2.0. Prepared 15 November 2012

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Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by EDBs when making disclosures under subclauses 2.6.1(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. With the exception of Schedule 12b(ii) discussed below, the information disclosed under 2.6.5(5) should be identical to that disclosed under 2.6.1(4) and 2.6.1(5).

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
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 will need to be copied into the inserted row(s).

Schedule 12b(ii)

The purpose of schedule 12b(ii) is to disclose transformer capacity as at the end of the current year. Because 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), the Commission intends to consider issuing an exemption from disclosing schedule 12b(ii) under subclause 2.6.1(4). 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 2013 – 31 March 2023**

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*	*CY+6*	*CY+7*	*CY+8*	*CY+9*	*CY+10*
	for year ended	**31 Mar 13**	**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**
	11a(i): Expenditure on Assets Forecast	**$000 (in nominal dollars)**										
	Consumer connection	1,045	1,045	1,072	1,099	1,127	1,162	1,186	1,216	1,248	1,286	1,319
	System growth	11,822	9,420	1,492	5,104	6,599	11,006	7,835	4,517	3,124	5,593	5,962
	Asset replacement and renewal	3,000	8,195	7,854	5,013	6,419	8,506	9,175	12,674	10,917	9,263	7,907
	Asset relocations	-	-	-	-	-	-	-	-	-	-	-
	Reliability, safety and environment:											
	Quality of supply	6,597	5,785	11,837	11,333	9,080	1,815	2,781	2,364	1,919	478	1,086
	Legislative and regulatory	-	-	-	-	-	-	-	-	-	-	-
	Other reliability, safety and environment	-	100	446	163	113	63	545	-	-	61	1,306
	Total reliability, safety and environment	6,597	5,885	12,283	11,496	9,193	1,878	3,325	2,364	1,919	539	2,393
	Expenditure on network assets	22,464	24,546	22,701	22,713	23,339	22,552	21,521	20,771	17,208	16,680	17,581
	Non-network assets	400	400	256	263	270	277	284	291	298	306	314
	Expenditure on assets	22,864	24,946	22,957	22,976	23,609	22,828	21,805	21,062	17,506	16,986	17,895
plus	Cost of financing		209	461	1,279	2,135						
less	Value of capital contributions	800	800	1,000	1,025	1,051	1,077	1,104	1,131	1,160	1,189	1,218
plus	Value of vested assets	500	500	513	525	538	552	566	580	594	609	624
	Capital expenditure forecast	22,564	24,855	22,931	23,755	25,232	22,303	21,267	20,510	16,941	16,407	17,301
	Value of commissioned assets	19,714	21,496	11,942	12,526	54,974	22,303	21,267	20,510	16,941	16,407	17,301

		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 13**	**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**
		$000 (in constant prices)										
	Consumer connection	1,045	1,045	1,045	1,045	1,045	1,050	1,045	1,045	1,045	1,050	1,050
	System growth	11,822	9,420	1,455	4,852	6,117	9,946	7,080	3,880	2,617	4,568	4,748
	Asset replacement and renewal	3,000	8,195	7,658	4,766	5,950	7,687	8,084	10,888	9,144	7,564	6,296
	Asset relocations	-	-	-	-	-	-					
	Reliability, safety and environment:											
	Quality of supply	6,597	5,785	11,541	10,773	8,416	1,640	2,450	2,031	1,607	390	865
	Legislative and regulatory	-	-	-	-	-	-					
	Other reliability, safety and environment	-	100	435	155	105	57	480			50	1,040
	Total reliability, safety and environment	6,597	5,885	11,976	10,928	8,521	1,697	2,930	2,031	1,607	440	1,905
	Expenditure on network assets	22,464	24,546	22,133	21,591	21,632	20,380	19,139	17,843	14,413	13,622	13,999
	Non-network assets	400	400	250	250	250	250	250	250	250	250	250
	Expenditure on assets	22,864	24,946	22,383	21,841	21,882	20,630	19,389	18,093	14,663	13,872	14,249
	Subcomponents of expenditure on assets (where known)											
	Energy efficiency and demand side management, reduction of energy losses											
	Overhead to underground conversion											
	Research and development											

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**

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*	*CY+6*	*CY+7*	*CY+8*	*CY+9*	*CY+10*
	for year ended	**31 Mar 13**	**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**
	Difference between nominal and constant price forecasts	**$000**										
	Consumer connection	-	-	27	54	82	112	141	171	203	236	269
	System growth	-	-	37	252	483	1,060	755	637	507	1,025	1,215
	Asset replacement and renewal	-	-	196	248	470	819	1,091	1,786	1,773	1,698	1,611
	Asset relocations	-	-	-	-	-	-	-	-	-	-	-
	Reliability, safety and environment:											
	Quality of supply	-	-	296	560	664	175	331	333	312	88	221
	Legislative and regulatory	-	-	-	-	-	-	-	-	-	-	-
	Other reliability, safety and environment	-	-	11	8	8	6	65	-	-	11	266
	Total reliability, safety and environment	-	-	307	568	672	181	395	333	312	99	488
	Expenditure on network assets	-	-	568	1,121	1,707	2,172	2,382	2,927	2,795	3,058	3,582
	Non-network assets	-	-	6	13	20	27	34	41	48	56	64
	Expenditure on assets	-	-	574	1,134	1,727	2,199	2,416	2,968	2,843	3,114	3,646

		Current Year CY	*CY+1*	*CY+2*	*CY+3*	*CY+4*	*CY+5*
	for year ended	**31 Mar 13**	**31 Mar 14**	**31 Mar 15**	**31 Mar 16**	**31 Mar 17**	**31 Mar 18**
	11a(ii): Consumer Connection						
	*Consumer types defined by EDB**	**$000 (in constant prices)**					
	All	1,045	1,045	1,045	1,045	1,045	1,050
	**include additional rows if needed*						
	Consumer connection expenditure	1,045	1,045	1,045	1,045	1,045	1,050
less	Capital contributions funding consumer connection						
	Consumer connection less capital contributions	1,045	1,045	1,045	1,045	1,045	1,050
	11a(iii): System Growth						
	Subtransmission	4,455	4,922	765	1,020	2,215	2,636
	Zone substations	4,676	3,028	535	3,723	3,287	6,340
	Distribution and LV lines	2,691	1,460	155	109	615	970
	Distribution and LV cables		10	-	-	-	-
	Distribution substations and transformers						
	Distribution switchgear						
	Other network assets						
	System growth expenditure	11,822	9,420	1,455	4,852	6,117	9,946
less	Capital contributions funding system growth						
	System growth less capital contributions	11,822	9,420	1,455	4,852	6,117	9,946

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**

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*
104		for year ended	**31 Mar 13**	**31 Mar 14**	**31 Mar 15**	**31 Mar 16**	**31 Mar 17**	**31 Mar 18**
105	**11a(iv): Asset Replacement and Renewal**		**$000 (in constant prices)**					
106	Subtransmission		206	800	506	374	1,701	1,249
107	Zone substations		-	4,035	4,690	2,259	1,723	1,896
108	Distribution and LV lines		2,794	1,673	1,173	1,017	1,015	2,843
109	Distribution and LV cables		-	200	200	174	173	179
110	Distribution substations and transformers		-	1,287	887	769	768	1,117
111	Distribution switchgear		-	200	200	174	569	404
112	Other network assets							
113	**Asset replacement and renewal expenditure**		3,000	8,195	7,658	4,766	5,950	7,687
114	*less* Capital contributions funding asset replacement and renewal							
115	**Asset replacement and renewal less capital contributions**		3,000	8,195	7,658	4,766	5,950	7,687
116	**11a(v):Asset Relocations**							
117	*Project or programme**							
118								
119								
120								
121								
122								
123	**include additional rows if needed*							
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	*Project or programme**							
131	Wiroa-Kaitaia 110kV line		2,850	3,359	10,721	10,688	6,040	
132	Protection and communications		707	1,454	202		808	90
133	Feeder Interconnections				175	85	1,186	899
134	Remote control switches						212	651
135								
136	**include additional rows if needed*							
137	All other quality of supply projects or programmes		3,040	972	443		170	
138	**Quality of supply expenditure**		6,597	5,785	11,541	10,773	8,416	1,640
139	*less* Capital contributions funding quality of supply							
140	**Quality of supply less capital contributions**		6,597	5,785	11,541	10,773	8,416	1,640
141								
142	**11a(vii): Legislative and Regulatory**							
143	*Project or programme**							
144								
145								
146								
147								
148								
149	**include additional rows if needed*							
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 2013 – 31 March 2023**

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 13	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18
	11a(viii): Other Reliability, Safety and Environn							
	*Project or programme**		**$000 (in constant prices)**					
	Zone substation security			15	75	155		
	Transformer bunding				75		105	57
	**include additional rows if needed*							
	All other reliability, safety and environment projects or programmes			85	285			
	Other reliability, safety and environment expenditure		-	100	435	155	105	57
less	Capital contributions funding other reliability, safety and environment							
	Other reliability, safety and environment less capital contributions		-	100	435	155	105	57
	11a(ix): Non-Network Assets							
	Routine expenditure							
	*Project or programme**							
	**include additional rows if needed*							
	All other routine expenditure projects or programmes		400	400	250	250	250	250
	Routine expenditure		400	400	250	250	250	250
	Atypical expenditure							
	*Project or programme**							
	**include additional rows if needed*							
	All other atypical projects or programmes							
	Atypical expenditure		-	-	-	-	-	-
	Non-network assets expenditure		400	400	250	250	250	250

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**

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												
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 13**	**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**
9	**Operational Expenditure Forecast**	**$000 (in nominal dollars)**										
10	Service interruptions and emergencies	1,425	1,200	1,231	1,262	1,079	1,107	1,158	1,211	1,267	1,325	1,387
11	Vegetation management	2,180	2,072	1,612	1,654	1,157	1,186	1,241	1,298	1,358	1,421	1,486
12	Routine and corrective maintenance and inspection	1,380	1,341	1,375	1,434	1,495	1,558	1,630	1,706	1,784	1,867	1,953
13	Asset replacement and renewal	910	1,584	1,625	1,501	1,558	1,618	1,693	1,771	1,853	1,939	2,028
14	**Network Opex**	5,895	6,197	5,843	5,850	5,289	5,470	5,722	5,986	6,262	6,552	6,854
15	System operations and network support	2,914	3,284	3,436	3,594	3,760	3,934	4,115	4,221	4,329	4,440	4,554
16	Business support	4,564	4,548	4,717	4,893	5,076	5,266	5,463	5,603	5,747	5,894	6,046
17	**Non-network opex**	7,478	7,832	8,153	8,487	8,836	9,199	9,578	9,824	10,076	10,334	10,599
18	**Operational expenditure**	13,373	14,029	13,996	14,337	14,124	14,669	15,301	15,810	16,338	16,886	17,453

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 13**	**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**
21		**$000 (in constant prices)**										
22	Service interruptions and emergencies	1,425	1,200	1,200	1,200	1,000	1,000	1,020	1,040	1,061	1,082	1,104
23	Vegetation management	2,180	2,072	1,572	1,572	1,072	1,072	1,093	1,115	1,138	1,160	1,184
24	Routine and corrective maintenance and inspection	1,380	1,341	1,341	1,363	1,385	1,408	1,437	1,465	1,495	1,524	1,555
25	Asset replacement and renewal	910	1,584	1,584	1,427	1,444	1,463	1,492	1,522	1,552	1,583	1,615
26	**Network Opex**	5,895	6,197	5,697	5,562	4,902	4,943	5,042	5,143	5,245	5,350	5,457
27	System operations and network support	2,914	3,284	3,350	3,417	3,485	3,555	3,626	3,626	3,626	3,626	3,626
28	Business support	4,564	4,548	4,599	4,651	4,704	4,759	4,814	4,814	4,814	4,814	4,814
29	**Non-network opex**	7,478	7,832	7,949	8,068	8,189	8,313	8,439	8,439	8,439	8,439	8,439
30	**Operational expenditure**	13,373	14,029	13,646	13,630	13,091	13,256	13,481	13,582	13,685	13,790	13,897
31	**Subcomponents of operational expenditure (where known)**											
32	Energy efficiency and demand side management, reduction of energy losses											
33	Direct billing*											
34	Research and Development											
35	Insurance	183	235	238	241	245	248	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 13**	**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**
41	**Difference between nominal and real forecasts**	**$000**										
42	Service interruptions and emergencies	-	-	31	62	79	107	138	171	206	243	283
43	Vegetation management	-	-	40	82	85	114	148	183	221	261	303
44	Routine and corrective maintenance and inspection	-	-	34	71	109	150	194	240	290	342	398
45	Asset replacement and renewal	-	-	41	74	114	156	201	250	301	355	413
46	**Network Opex**	-	-	146	289	387	527	680	844	1,017	1,201	1,397
47	System operations and network support	-	-	86	177	275	379	489	595	703	814	928
48	Business support	-	-	118	242	371	507	650	790	933	1,081	1,232
49	**Non-network opex**	-	-	204	419	646	886	1,139	1,385	1,636	1,895	2,160
50	**Operational expenditure**	-	-	350	708	1,033	1,413	1,819	2,228	2,653	3,096	3,556

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**

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**
10	All	Overhead Line	Concrete poles / steel structure	No.	5%	2%	85%	8%	–	2	5%
11	All	Overhead Line	Wood poles	No.	7%	24%	64%	5%	–	2	25%
12	All	Overhead Line	Other pole types	No.	NA	NA	NA	NA	NA	NA	NA
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	–	89%	–	11%	–	2	–
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	–	–	100%	–	–	3	–
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	–	–	100%	–	–	2	–
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	NA	NA	NA	NA	NA	NA	NA
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	NA	NA	NA	NA	NA	NA	NA
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	NA	NA	NA	NA	NA	NA	NA
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	NA	NA	NA	NA	NA	NA	NA
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	NA	NA	NA	NA	NA	NA	NA
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	NA	NA	NA	NA	NA	NA	NA
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	NA	NA	NA	NA	NA	NA	NA
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	NA	NA	NA	NA	NA	NA	NA
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	–	16%	68%	16%	–	4	10%
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	100%	–	–	4	–
26	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	NA	NA	NA	NA	NA	NA	NA
27	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	–	44%	37%	20%	–	3	20%
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	NA	NA	NA	NA	NA	NA	NA
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	–	37%	53%	10%	–	3	19%
30	HV	Zone substation switchgear	33kV RMU	No.	NA	NA	NA	NA	NA	NA	NA
31	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	NA	NA	NA	NA	NA	NA	NA
32	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	40%	–	60%	–	4	20%
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	–	8%	92%	–	–	3	8%
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	19%	54%	27%	–	3	19%

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**

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**
45	HV	Zone Substation Transformer	Zone Substation Transformers	No.	–	6%	83%	11%	–	4	6%
46	HV	Distribution Line	Distribution OH Open Wire Conductor	km	–	5%	91%	4%	–	2	5%
47	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	NA	NA	NA	NA	NA	NA	NA
48	HV	Distribution Line	SWER conductor	km	–	61%	38%	1%	–	2	10%
49	HV	Distribution Cable	Distribution UG XLPE or PVC	km	–	–	70%	30%	–	2	–
50	HV	Distribution Cable	Distribution UG PILC	km	–	–	99%	1%	–	2	–
51	HV	Distribution Cable	Distribution Submarine Cable	km	–	–	68%	32%	–	2	–
52	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	4%	1%	15%	80%	–	3	5%
53	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	NA	NA	NA	NA	NA	NA	NA
54	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	–	29%	53%	18%	–	2	29%
55	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	–	–	–	100%	–	4	–
56	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	2%	5%	55%	38%	–	2	7%
57	HV	Distribution Transformer	Pole Mounted Transformer	No.	7%	9%	64%	20%	–	2	5%
58	HV	Distribution Transformer	Ground Mounted Transformer	No.	5%	2%	68%	25%	–	2	5%
59	HV	Distribution Transformer	Voltage regulators	No.	–	–	42%	58%	–	2	–
60	HV	Distribution Substations	Ground Mounted Substation Housing	No.	–	–	–	–	100%	2	–
61	LV	LV Line	LV OH Conductor	km	–	2%	95%	3%	–	2	–
62	LV	LV Cable	LV UG Cable	km	–	2%	89%	9%	–	2	–
63	LV	LV Streetlighting	LV OH/UG Streetlight circuit	km	–	3%	89%	8%	–	2	–
64	LV	Connections	OH/UG consumer service connections	No.	–	2%	83%	15%	–	2	–
65	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	11%	6%	69%	14%	–	3	11%
66	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	3%	19%	78%	–	–	3	23%
67	All	Capacitor Banks	Capacitors including controls	No.	–	9%	86%	5%	–	2	9%
68	All	Load Control	Centralised plant	Lot	–	100%	–	–	–	4	–
69	All	Load Control	Relays	No.	NA	NA	NA	NA	NA	NA	NA
70	All	Civils	Cable Tunnels	km	NA	NA	NA	NA	NA	NA	NA

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**

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

Existing 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
Kaikohe	10	12	N-1	1	83%	12	92%	No constraint within +5 years	
Kawakawa	6	5	N-1	3	124%	5	112%	Transformer	Load can be transferred to Haruru and Moerewa
Moerewa	2	8	N-1	2	24%	8	42%	No constraint within +5 years	
Waipapa	18	23	N-1	2	78%	23	59%	No constraint within +5 years	
Omanaia	2	-	N-0	0	-	-	-	Transformer	Single transformer. Backed up by mobile substation
Haruru	6	23	N-1	0	24%	23	28%	No constraint within +5 years	
Mt Pokaka	2	-	N-0	2	-	-	-	Transformer	Single transformer. Backed up by mobile substation
Kerikeri	-	-	N-1	6	-	23	32%	No constraint within +5 years	Commissioning FYE 2014
Okahu Rd	10	12	N-1	4	86%	12	88%	No constraint within +5 years	
Taipa	5	-	N-0	5	-	5	109%	Transformer	Transfer capacity provided by local diesel generation. Network constraint will be fully relieved by installation of second 110kV transformer in FYE 2019
Pukenui	2	-	N-0	0	-	-	-	Transformer	Single transformer. Backed up by mobile substation
NPL	12	23	N-1	1	52%	23	53%	No constraint within +5 years	
					-				
					-				
					-				
					-				
					-				
					-				
					-				
					-				

[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)	N/A
Distribution transformer capacity (Non-EDB owned)	N/A
Total distribution transformer capacity	#VALUE!
Zone substation transformer capacity	230

Company Name	**Top Energy Ltd**
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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 13**	**31 Mar 14**	**31 Mar 15**	**31 Mar 16**	**31 Mar 17**	**31 Mar 18**
	*Consumer types defined by EDB**						
	Small	31,440	31,782	32,126	32,475	32,827	33,183
	Medium	185	189	193	197	202	206
	Large	21	23	25	27	29	31
	Industrial	3	3	3	3	3	3
	Connections total	31,650	31,997	32,347	32,702	33,061	33,423

**include additional rows if needed*

Distributed generation

	Number of connections	1	1	1	1	1	1
	Installed connection capacity of distributed generation (MVA)	26	26	26	26	26	26

12c(ii) System Demand

		Current Year CY	*CY+1*	*CY+2*	*CY+3*	*CY+4*	*CY+5*
	for year ended	**31 Mar 13**	**31 Mar 14**	**31 Mar 15**	**31 Mar 16**	**31 Mar 17**	**31 Mar 18**
	Maximum coincident system demand (MW)						
	GXP demand	40	40	41	42	42	43
plus	Distributed generation output at HV and above	25	25	25	25	25	25
	Maximum coincident system demand	65	65	66	67	67	68
less	Net transfers to (from) other EDBs at HV and above						
	Demand on system for supply to consumers' connection points	65	65	66	67	67	68
	Electricity volumes carried (GWh)						
	Electricity supplied from GXPs	185	187	189	190	193	192
less	Electricity exports to GXPs	16	16	16	16	16	16
plus	Electricity supplied from distributed generation	200	200	200	200	200	200
less	Net electricity supplied to (from) other EDBs						
	Electricity entering system for supply to ICPs	369	371	373	374	377	376
less	Total energy delivered to ICPs	335	338	340	343	345	348
	Losses	33	33	32	31	32	28
	Load factor	65%	65%	64%	64%	64%	63%
	Loss ratio	9.0%	9.0%	8.7%	8.4%	8.4%	7.5%

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**
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*
9	for year ended	**31 Mar 13**	**31 Mar 14**	**31 Mar 15**	**31 Mar 16**	**31 Mar 17**	**31 Mar 18**
10	**SAIDI**						
11	Class B (planned interruptions on the network)	76.0	76.0	76.0	76.0	20.0	20.0
12	Class C (unplanned interruptions on the network)	326.0	264.0	242.0	234.0	226.0	225.0
13	**SAIFI**						
14	Class B (planned interruptions on the network)	0.50	0.50	0.50	0.50	0.10	0.10
15	Class C (unplanned interruptions on the network)	4.50	4.00	3.70	3.60	3.50	3.40

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**
Asset Management Standard Applied	**PAS55**

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/documented 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 polices, 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 isthe 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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AMP Planning Period	**1 April 2013 – 31 March 2023**
Asset Management Standard Applied	

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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AMP Planning Period	**1 April 2013 – 31 March 2023**
Asset Management Standard Applied	

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 isthe 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 receivers 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 isthe 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 isthe 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. 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.

Company Name	**Top Energy Ltd**
AMP Planning Period	**1 April 2013 – 31 March 2023**
Asset Management Standard Applied	

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/documented 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-abouts 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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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
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/documented 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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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
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 clause		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		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 conformances 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 appropriate.	Process(es) and procedure(s) for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformances. 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 conformances 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.

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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
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 that 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.

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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
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.

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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.

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 $144k, Transpower loss rental rebate of $473k , and reimbursement by Ngawha Generation Ltd of $123k 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)
An Asset Adjustment for 2004 valuation was made in 2009 for $4,090K (refer schedule 5i). Corporate assets were allocated in 2010 but then ACAM was applied to 2011, 2012 and 2013, as the value is less than 10% of 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 ($19k) and disallowed legal and professional fees ($18k). These items fall within category 8.2 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 2013 ($26k), 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 – 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 24 – 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 25 – 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 26 – The Injection charges levied on NGL are calculated based on the Transpower market rate.

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
Not applicable

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 after 2010 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).

The materiality threshold applied to network assets is $500k, being the value of a project that is required to be individually approved and progress reported to the Directors.

For non-network assets, assets are grouped into the respective asset category, with the major element of the Corporate Asset including the implementation of SAP ERP System.

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 was lower than forecast due to the effects of the economic downturn and lower customer activity.

Variances to System growth and Quality of Supply are due to re-classification of the associated projects from Quality to Growth between the AMP and actual. In addition we have changed the System Growth target when comparing to schedule 11a by $5,966k (value from our internal approved spend matrix), reflecting the assets that were transferred from Transpower on 1 April 2012. The amount included in our 2012 AMP was $6,706k.

Project programming necessitated the shift of some project work forward and others backward from FYE 13 to FYE 14 and vice versa. This change of project mix created some additional variance between project categories and the actual CAPEX spend for the year.

Lower Asset replacement actuals due to higher maintenance OPEX offset.

Service interruption and emergencies expense was lower due to mild weather during the year and no major weather events occurring.

Non Network Opex values for Target 2013 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 categorys of Industrial, Commercial and Residential. A posted discount was paid out in October 2012 for $5073k.

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

Our performance improved on the previous year with an combination of mild weather and benefits from the network investment programme. Performance was within the regulatory threshold and our Statement of Corporate Intent target for reliability. There was a Major Event Day on the 17th of March due to a planned outage to remediate defects on our newly acquired 110kV assets. This was normalised as part of our disclosure. There has been no change during this reporting year to our methodology to acquire, calculate or recording of customer outage minutes.

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. $65million.

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
For Year Ended	31 March 2013

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 2.5% has been assumed from 2015 onwards. This has been applied as it is is the approximate mid-point of the inflation forecasts for the years 2013-16 provided by Treasury in its Budget Economic and Fiscal Update 2012, published on 24 May 2012. It is also 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 2.5% has been assumed from 2015 onwards. This has been applied as it is is the approximate mid-point of the inflation forecasts for the years 2013-16 provided by Treasury in its Budget Economic and Fiscal Update 2012, published on 24 May 2012. It is also the mid point of the Reserve Bank's target inflation rate of 2-3%.

Company Name Top Energy Limited

For Year Ended 31 March 2013

Schedule 14b Mandatory Explanatory Notes on Transitional Financial 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 the transitional financial information disclosed in accordance with clause 2.12.1.

2. This Schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.12.1. This information is part of the audited disclosure information, and so is subject to the assurance requirements specified in section 2.8.

3. In the box below provide explanatory comment on the tax effect of other temporary differences for the years ending 31 March 2010, 31 March 2011 and 31 March 2012 (as reported in Schedule 5h(vii)).

Box 1: Commentary on tax effect of other temporary differences (years ended 31 March 2010, 31 March 2011, and 31 March 2012)
The total comprises timing differences arising from the movement in payroll accruals between the beginning and end of the year multiplied by the tax rate of 30% for 2010 / 2011 and 28% for 2012.

4. To the extent that any change in regulatory profit and ROI reported for 2013 (compared to that reported for 2012) is attributable to the change in treatment of related party transactions, provide an explanation of the change in the box below.

Box 2: Change in regulatory profit and ROI due to change in treatment of related party transactions
Not applicable

5. 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) for disclosure years 2011 and 2012.

Box 3: Commentary on asset allocation
There are no changes to asset allocation

Company Name	Top Energy Limited
For Year Ended	31 March 2013

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

Schedule 2(iii) – we were not required to disclose the monthly ROI information as contained in the table from row 60. As a result the Monthly ROI calculations in row 79 and 81 are not calculating correctly as they are preset formulas requiring the table to be completed.

Schedule 4(ii) and 5(h)(ii)– Assets acquired from a related party (row 37). We are currently unable to separate spend from the related party (internal contracting division) between spend and commissioned assets. We are developing a process to split this for future years. As a result we have included the total spend for the current year, consistent with schedule 5(b) (row 10,27)

Schedule 5h((ix) – During the roll forward of the tax asset values, we identified inconsistencies with the opening regulatory tax asset value. To correct this, we have made an adjustment in row 143 to align the closing values to the tax fixed asset register.

Schedule 6a(i) – Under System Growth (row 9), we have included the value of assets that were transferred from Transpower on 1 April 2012 at a value of $5,945k. This value is included in the Subtransmission System Growth category in row 45. Of this value $5,852k was commissioned and $93k is included in works under construction.

Directors Certificate

Certification for Transitional Disclosures

Clause 2.9.3 of section 2.9
Electricity Distribution Information Disclosure Determination 2012

We, Paul Anthony Byrnes and Andrew Martin Kelleher, being directors of Top Energy Limited certify that, having made all reasonable enquiry, to the best of our knowledge, the information prepared for the purposes of clauses 2.12.1, 2.12.2, 2.12.3, and 2.12.5 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination.

P A Byrnes

A M Kelleher

30 August 2013

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 Andrew Martin Kelleher, 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, 14a and 14b 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

A M Kelleher

30 August 2013

Deloitte.

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, Jamie Schmidt, using the staff and resources of Deloitte, to provide an opinion, on her behalf, on whether Schedules 1 to 4, 5a to 5i, 6a and 6b, 7, Schedule10 sub-schedules (i) to (iv), the explanatory notes disclosed in boxes 1 to 12 of Schedule 14 and the explanatory comments in Schedule 14b ('the Disclosure Information') for the disclosure year ended 31 March 2013, 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.

Deloitte.

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 clause 1.4.3 of the Determination.

The Auditor-General, and her employees, and Deloitte and its partners and employees may deal with the company on normal terms within the ordinary course of trading activities. 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, we have no relationship with or interests in the company.

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.

Jamie Schmidt
Deloitte
On behalf of the Auditor-General
Auckland, New Zealand
30 August 2013