



**EDB Information Disclosure Requirements
Information Templates
for
Schedules 5f & 5g**

Company Name	Eastland Network Limited
Disclosure Date	30 August 2013
Disclosure Year (year ended)	31 March 2013

Templates for Schedules 5f & 5g
Template Version 2.0. Prepared 21 December 2012

Table of Contents

Schedule Description

5f [Report Supporting Cost Allocations](#)

5g [Report Supporting Asset Allocations](#)

Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by EDBs when making disclosures under subclause 2.3.2 of the Electricity Distribution Information Disclosure Determination 2012. These disclosures (schedules 5f and 5g) are not required to be publicly disclosed, but must be disclosed to the Commission within 5 months and 5 working days after the start of the disclosure year.

Company Name and Dates

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

The cell C12 entry (current year) is used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

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

Dates should be entered in day/month/year order (Example -"1 April 2013").

Data Entry Cells and Calculated Cells

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

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell. Under no circumstances should the formulas in a calculated cell be overwritten.

Validation Settings on Data Entry Cells

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

Inserting Additional Rows

The templates for schedules 5f and 5g may require additional rows to be inserted in tables.

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.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Electricity Distribution ID Determination 2012 (as issued on 1 October 2012). They provide a common reference between the rows in the determination and the template. Due to page formatting, the row reference sequences contained in the determination schedules are not necessarily contiguous.

Company Name **Eastland Network Limited**
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.

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

Line Item*	Allocation methodology type	Cost allocator	Allocator type	Allocator Metric (%)		Value allocated (\$000)			OIVABAA allocation increase (\$000)
				Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	
Service interruptions and emergencies									
Maintenance - Fault & Emergencies	ACAM	Activity	Causal	100.00%			755		755
Insert cost description	ACAM	Allocator 2	[Select one]						
Insert cost description	e.g. ABAA	Allocator 3	[Select one]						
Insert cost description	e.g. ABAA	Allocator 4	[Select one]						
Not directly attributable									
Vegetation management									
Maintenance - Vegetation Management	ACAM	Activity	Causal	100.00%			893		893
Insert cost description	e.g. ABAA	Allocator 2	[Select one]						
Insert cost description	e.g. ABAA	Allocator 3	[Select one]						
Insert cost description	e.g. ABAA	Allocator 4	[Select one]						
Not directly attributable									
Routine and corrective maintenance and inspection									
Routine and Corrective Maintenance	ACAM	Activity	Causal	100.00%			642		642
Insert cost description	e.g. ABAA	Allocator 2	[Select one]						
Insert cost description	e.g. ABAA	Allocator 3	[Select one]						
Insert cost description	e.g. ABAA	Allocator 4	[Select one]						
Not directly attributable									
Asset replacement and renewal									
Refurbishment & Renewal	ACAM	Activity	Causal	100.00%			548		548
Insert cost description	e.g. ABAA	Allocator 2	[Select one]						
Insert cost description	e.g. ABAA	Allocator 3	[Select one]						
Insert cost description	e.g. ABAA	Allocator 4	[Select one]						
Not directly attributable									



Company Name
For Year Ended

Eastland Network Limited
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.

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System operations and network support

43	Cleaning	ACAM	Activity	Causal	100.00%	-	0	-	0
44	Computer Expenses	ACAM	Activity	Causal	100.00%	-	33	-	33
	Electricity	ACAM	Activity	Causal	100.00%	-	105	-	105
	Consultants costs	ACAM	Activity	Causal	100.00%	-	33	-	33
	Minor Tools	ACAM	Activity	Causal	100.00%	-	0	-	0
	Printing & Stationery	ACAM	Activity	Causal	100.00%	-	11	-	11
	Telecommunications	ACAM	Activity	Causal	100.00%	-	28	-	28
	Training	ACAM	Activity	Causal	100.00%	-	6	-	6
45	Travel	ACAM	Activity	Causal	100.00%	-	11	-	11
	Vehicle Running costs	ACAM	Activity	Causal	90.00%	10.00%	51	6	57
	Rent	ACAM	Activity	Causal	100.00%	-	7	-	7
46	Payroll	ACAM	Activity	Causal	78.51%	21.49%	768	210	978
	Energy Purchases	ACAM	Activity	Causal	100.00%	-	-	100	100
47	Maintenance - Other	ACAM	Activity	Causal	100.00%	-	-	199	199
48	Not directly attributable	ACAM	Activity	Causal	-	-	1,053	515	1,568

Business support

49	Electricity Complaints Commission - Fines	ACAM	Activity	Causal	100.00%	-	7	-	7
50	Revenue Protection	ACAM	Activity	Causal	100.00%	-	74	-	74
	Debt Recovery Services	ACAM	Activity	Causal	100.00%	-	2	-	2
	Advertising	ACAM	Activity	Causal	100.00%	-	12	-	12
	Audit Fees	ACAM	Activity	Causal	100.00%	-	84	-	84
	Bad Debts Expense	ACAM	Activity	Causal	100.00%	-	20	-	20
	Entertaining Expenses	ACAM	Activity	Causal	100.00%	-	0	-	0
	General Expenses	ACAM	Activity	Causal	100.00%	-	2	-	2
	Insurance	ACAM	Activity	Causal	100.00%	-	179	-	179
	Regulatory Compliance Costs	ACAM	Activity	Causal	100.00%	-	55	-	55
	Repairs and Maintenance	ACAM	Activity	Causal	100.00%	-	2	-	2
	Safety Equipment & Clothing	ACAM	Activity	Causal	100.00%	-	17	-	17
	Subscriptions	ACAM	Activity	Causal	100.00%	-	54	-	54
	Payroll & Staff Benefits	ACAM	Activity	Causal	100.00%	-	135	-	135
51	Regulatory Preparedness Costs	ACAM	Activity	Causal	100.00%	-	92	-	92
52	Services Network Building	ACAM	Activity	Causal	34.85%	65.15%	5	10	15
	Business Support - Transpower Project	ACAM	Activity	Causal	100.00%	-	114	-	114
53	Management Fee	ACAM	Activity	Causal	100.00%	-	2,176	-	2,176
	Not directly attributable	ACAM	Activity	Causal	-	-	3,030	10	3,040
54	Operating costs not directly attributable					-	6,921	525	7,446
55									
56									
57									

Pass through and recoverable costs

58	Pass through costs								
59	Rates on Network Assets	ACAM	Activity	Causal	93.41%	-	163	11	174
60	Electricity Complaints Commission Levies	ACAM	Activity	Causal	100.00%	-	13	-	13
61									



Company Name **Eastland Network Limited**
 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.
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sch ref	MBIE Levies	Electricity Authority Levies	ACAM	Activity	Causal	100.00%	41	41	
62			ACAM	Activity	Causal	100.00%			
63			ACAM	Activity	Causal	100.00%	48	48	
64	Not directly attributable							265	276
65	Recoverable costs							11	
66	Transpower Transmission Charges		ACAM	Activity	Causal	100.00%	7,560	7,560	
67	Transpower New Investment Charges		ACAM	Activity	Causal	100.00%	324	324	
68	Avoided Costs of Transmission		ACAM	Activity	Causal	100.00%	2,629	2,629	
69	Insert cost description		e.g. ABAA	Allocator 4	[Select one]				
70	Not directly attributable							10,513	10,513

* include additional rows if needed



Company Name **Eastland Network Limited**
For Year Ended **31 March 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

7

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

Yes

Line Item*	Allocation methodology type	Allocator	Allocator type	Allocator Metric (%)		Value allocated (\$000)			OVBAA allocation increase (\$000)
				Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	
Subtransmission lines									
12	Insert asset description	Allocator 1	Causal	100.00%			10,084		10,084
13	Insert asset description	Allocator 2	[Select one]						
14	Insert asset description	Allocator 3	[Select one]						
15	Insert asset description	Allocator 4	[Select one]						
16	Insert asset description	Allocator 4	[Select one]						
17	Not directly attributable						10,084		10,084
Subtransmission cables									
18	Insert asset description	Allocator 1	[Select one]				1,577		1,577
19	Insert asset description	Allocator 2	[Select one]						
20	Insert asset description	Allocator 3	[Select one]						
21	Insert asset description	Allocator 4	[Select one]						
22	Insert asset description	Allocator 4	[Select one]						
23	Not directly attributable						1,577		1,577
Zone substations									
24	Insert asset description	Allocator 1	[Select one]				9,126		9,126
25	Insert asset description	Allocator 2	[Select one]						
26	Insert asset description	Allocator 3	[Select one]						
27	Insert asset description	Allocator 4	[Select one]						
28	Insert asset description	Allocator 4	[Select one]						
29	Not directly attributable						9,126		9,126
Distribution and LV lines									
30	Insert asset description	Allocator 1	[Select one]				45,689		45,689
31	Insert asset description	Allocator 2	[Select one]						
32	Insert asset description	Allocator 3	[Select one]						
33	Insert asset description	Allocator 4	[Select one]						
34	Insert asset description	Allocator 4	[Select one]						
35	Not directly attributable						45,689		45,689
Distribution and LV cables									
36	Insert asset description	Allocator 1	[Select one]				21,071		21,071
37	Insert asset description	Allocator 2	[Select one]						
38	Insert asset description	Allocator 3	[Select one]						
39	Insert asset description	Allocator 4	[Select one]						
40	Insert asset description	Allocator 4	[Select one]						
41	Not directly attributable						21,071		21,071



Company Name **Eastland Network Limited**
For Year Ended **31 March 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	Insert asset description	ACAM	Allocator 1	[Select one]				
49	Insert asset description	ACAM	Allocator 1	[Select one]				
50	Insert asset description	e.g. ABAA	Allocator 2	[Select one]		14,044		14,044
51	Insert asset description	e.g. ABAA	Allocator 3	[Select one]				
52	Insert asset description	e.g. ABAA	Allocator 4	[Select one]				
53	Insert asset description	e.g. ABAA	Allocator 4	[Select one]				
54	Not directly attributable					14,044		14,044
55								
56								
57	Insert asset description	ACAM	Allocator 1	[Select one]				
58	Insert asset description	e.g. ABAA	Allocator 2	[Select one]		11,229		11,229
59	Insert asset description	e.g. ABAA	Allocator 3	[Select one]				
60	Insert asset description	e.g. ABAA	Allocator 4	[Select one]				
61	Not directly attributable					11,229		11,229
62								
63								
64	Insert asset description	ACAM	Allocator 1	[Select one]				
65	Insert asset description	e.g. ABAA	Allocator 2	[Select one]		4,310		4,310
66	Insert asset description	e.g. ABAA	Allocator 3	[Select one]				
67	Insert asset description	e.g. ABAA	Allocator 4	[Select one]				
68	Not directly attributable					4,310		4,310
69								
70	Insert asset description	ACAM	Allocator 1	[Select one]				
71	Insert asset description	e.g. ABAA	Allocator 2	[Select one]		3,244		3,244
72	Insert asset description	e.g. ABAA	Allocator 3	[Select one]				
73	Insert asset description	e.g. ABAA	Allocator 4	[Select one]				
74	Not directly attributable					3,244		3,244
75								
	Regulated service asset value not directly attributable					120,374		120,374

* include additional rows if needed





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

Company Name	Eastland Network Limited
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

Table of Contents

Schedule Description

Asset Management Plan Schedule Templates

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

Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by EDBs when making disclosures under subclauses 2.6.1(4), 2.6.1(5) and 2.6.5(5) of the Electricity Distribution Information Disclosure Determination 2012. Disclosures made under subclauses 2.6.1(4) and 2.6.1(5) must be made before the start of each disclosure year. Disclosures made under subclauses 2.6.5(5) must be made within 5 months after the start of the disclosure year. 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	Eastland Network Limited
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
7												
8												
9	11a(i): Expenditure on Assets Forecast	\$000 (in nominal dollars)										
10	Consumer connection	95	97	100	102	105	107	110	112	115	118	121
11	System growth	1,004	1,030	23,790	1,654	1,528	1,518	2,013	1,395	1,354	692	710
12	Asset replacement and renewal	4,457	4,698	4,942	7,901	11,363	6,286	5,918	6,615	6,221	6,087	8,254
13	Asset relocations	53	54	55	57	58	59	61	62	64	66	67
14	Reliability, safety and environment:											
15	Quality of supply	173	151	154	79	110	83	24	87	26	197	67
16	Legislative and regulatory	-	-	165	170	174	178	-	-	-	-	-
17	Other reliability, safety and environment	58	81	61	62	469	481	67	69	70	72	74
18	Total reliability, safety and environment	231	231	381	311	753	742	91	156	96	269	141
19	Expenditure on network assets	5,840	6,110	29,268	10,025	13,806	8,714	8,193	8,341	7,849	7,232	9,293
20	Non-network assets	15	129	1,305	118	11	11	12	12	12	12	13
21	Expenditure on assets	5,855	6,239	30,573	10,144	13,818	8,725	8,204	8,353	7,861	7,244	9,306
22												
23	plus Cost of financing	86	85	120	141	191	117	110	117	110	102	130
24	less Value of capital contributions	539	523	536	75	77	79	81	83	85	87	90
25	plus Value of vested assets	600	256	263	269	276	283	290	297	305	312	320
26												
27	Capital expenditure forecast	6,002	6,058	30,420	10,478	14,207	9,046	8,523	8,684	8,191	7,571	9,666
28												
29	Value of commissioned assets	5,646	6,224	29,741	10,078	13,238	10,120	8,290	8,545	8,319	7,732	9,121
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42												
43												
44												
45												
46	Subcomponents of expenditure on assets (where known)											
47	Energy efficiency and demand side management, reduction of energy losses											
48	Overhead to underground conversion	158	158	158	158	158	158	158	158	158	158	158
49	Research and development											

Company Name	Eastland Network Limited
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 for year ended 31 Mar 13	CY+1 31 Mar 14	CY+2 31 Mar 15	CY+3 31 Mar 16	CY+4 31 Mar 17	CY+5 31 Mar 18	CY+6 31 Mar 19	CY+7 31 Mar 20	CY+8 31 Mar 21	CY+9 31 Mar 22	CY+10 31 Mar 23
Difference between nominal and constant price forecasts	\$000										
Consumer connection	-	2	5	7	10	12	15	18	21	24	26
System growth	-	25	1,146	118	144	176	277	221	243	138	155
Asset replacement and renewal	-	115	238	564	1,069	730	815	1,050	1,115	1,213	1,806
Asset relocations	-	1	3	4	5	7	8	10	11	13	15
Reliability, safety and environment:											
Quality of supply	-	4	7	6	10	10	3	14	5	39	15
Legislative and regulatory	-	-	8	12	16	21	-	-	-	-	-
Other reliability, safety and environment	-	2	3	4	44	56	9	11	13	14	16
Total reliability, safety and environment	-	6	18	22	71	86	13	25	17	54	31
Expenditure on network assets	-	149	1,410	716	1,298	1,012	1,128	1,324	1,407	1,441	2,033
Non-network assets	-	3	63	8	1	1	2	2	2	2	3
Expenditure on assets	-	152	1,473	724	1,300	1,013	1,130	1,326	1,409	1,444	2,036

	Current Year CY for year ended 31 Mar 13	CY+1 31 Mar 14	CY+2 31 Mar 15	CY+3 31 Mar 16	CY+4 31 Mar 17	CY+5 31 Mar 18
11a(ii): Consumer Connection	\$000 (in constant prices)					
<i>Consumer types defined by EDB*</i>						
Domestic	31	31	31	31	31	31
Non Domestic	22	22	22	22	22	22
Non Domestic Large	42	42	42	42	42	42
Non Domestic Industrial	-	-	-	-	-	-
[EDB consumer type]						
<i>*include additional rows if needed</i>						
Consumer connection expenditure	95	95	95	95	95	95
less Capital contributions funding consumer connection	75	60	60	60	60	60
Consumer connection less capital contributions	20	35	35	35	35	35

11a(iii): System Growth						
Subtransmission	450	450	9,973	-	-	-
Zone substations	-	-	11,959	578	578	788
Distribution and LV lines	137	137	137	137	137	137
Distribution and LV cables	189	189	347	593	441	189
Distribution substations and transformers	229	229	229	229	229	229
Distribution switchgear	-	-	-	-	-	-
Other network assets	-	-	-	-	-	-
System growth expenditure	1,004	1,004	22,644	1,536	1,384	1,342
less Capital contributions funding system growth	450	450	450	-	-	-
System growth less capital contributions	554	554	22,194	1,536	1,384	1,342

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 for year ended	CY+1 31 Mar 14	CY+2 31 Mar 15	CY+3 31 Mar 16	CY+4 31 Mar 17	CY+5 31 Mar 18
103						
104						
105	11a(iv): Asset Replacement and Renewal					
	\$000 (in constant prices)					
106	Subtransmission	462	462	357	1,617	777
107	Zone substations	242	452	588	2,129	968
108	Distribution and LV lines	2,478	2,531	2,531	2,531	2,909
109	Distribution and LV cables	415	389	394	368	210
110	Distribution substations and transformers	373	373	373	373	373
111	Distribution switchgear	320	268	320	268	268
112	Other network assets	168	110	142	53	52
113	Asset replacement and renewal expenditure	4,457	4,583	4,704	7,337	5,556
114	less Capital contributions funding asset replacement and renewal	-	-	-	-	-
115	Asset replacement and renewal less capital contributions	4,457	4,583	4,704	7,337	5,556
116	11a(v): Asset Relocations					
117	<i>Project or programme*</i>					
118	Asset Relocations Unplanned/Unknown	53	53	53	53	53
119	[Description of material project or programme]					
120	[Description of material project or programme]					
121	[Description of material project or programme]					
122	[Description of material project or programme]					
123	<i>*include additional rows if needed</i>					
124	All other asset relocations projects or programmes					
125	Asset relocations expenditure	53	53	53	53	53
126	less Capital contributions funding asset relocations	-	-	-	-	-
127	Asset relocations less capital contributions	53	53	53	53	53
128						
129	11a(vi): Quality of Supply					
130	<i>Project or programme*</i>					
131	Port 11kV Feeder link			95		
132	Zone Sub/Switchyard Security Upgrade	53	53	11	11	11
133	11kV Field Recloser Automation Plan - additions		53		53	53
134	A Park Switchgear upgrade/automation	79				79
	SCADA Master Staion enhancement	11	11	11	11	11
	Establish 2x Genset sites (Raupunga, Ruakituri)	32	32	32		
135						
136	<i>*include additional rows if needed</i>					
137	All other quality of supply projects or programmes					
138	Quality of supply expenditure	173	147	147	74	74
139	less Capital contributions funding quality of supply	-	-	-	-	-
140	Quality of supply less capital contributions	173	147	147	74	74
141						
142	11a(vii): Legislative and Regulatory					
143	<i>Project or programme*</i>					
144	AUFLS Relay installation				158	158
145	Vehicle RT Replacement		158	158	-	-

Company Name **Eastland Network Limited**
 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.

146	[Description of material project or programme]						
147	[Description of material project or programme]						
148	[Description of material project or programme]						
149	<i>*include additional rows if needed</i>						
150	All other legislative and regulatory projects or programmes						
151	Legislative and regulatory expenditure	-	-	158	158	158	158
152	<i>less</i> Capital contributions funding legislative and regulatory	-	-	-	-	-	-
153	Legislative and regulatory less capital contributions	-	-	158	158	158	158

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

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

	Current Year CY for year ended 31 Mar 13	CY+1 31 Mar 14	CY+2 31 Mar 15	CY+3 31 Mar 16	CY+4 31 Mar 17	CY+5 31 Mar 18
\$000 (in constant prices)						
CBD UG Project (Stg 1) Roebuck, Disrallel					368	
CBD UG Project (Stg 2) Childers, Grey						368
Galv Fuse/ Meterbox replacement	58	58	58	58	58	58
Switchgear Operator Suits, 1 per Zone Sub		21				
<i>*include additional rows if needed</i>						
All other reliability, safety and environment projects or programmes						
Other reliability, safety and environment expenditure	58	79	58	58	425	425
<i>less</i> Capital contributions funding other reliability, safety and environment	-	-	-	-	-	-
Other reliability, safety and environment less capital contributions	58	79	58	58	425	425

11a(ix): Non-Network Assets

Routine expenditure

*Project or programme**

Tools & Test instrument replacement/upgrade	5	5	5	10	10	10
[Description of material project or programme]						
[Description of material project or programme]						
[Description of material project or programme]						
[Description of material project or programme]						

**include additional rows if needed*

All other routine expenditure projects or programmes

Routine expenditure

	5	5	5	10	10	10
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Atypical expenditure

*Project or programme**

Dynamic Line rating system				100		
Implementation of PLS CAD & software fore Trans field equipment	10	121	37			
GIS replacement			1,200			
[Description of material project or programme]						
[Description of material project or programme]						

**include additional rows if needed*

All other atypical projects or programmes

Atypical expenditure

	10	121	1,237	100	-	-
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Non-network assets expenditure

	15	126	1,242	110	10	10
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Company Name	Eastland Network Limited
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

Voltage		Asset category	Asset class	Asset condition at start of planning period (percentage of units by grade)						Units	% of asset forecast to be replaced in next 5 years
				Grade 1	Grade 2	Grade 3	Grade 4	Grade unknown	Data accuracy (1-4)		
7	All	Overhead Line	Concrete poles / steel structure	1.17%	3.50%	15.76%	79.58%	-	-	1	5.83%
8	All	Overhead Line	Wood poles	3%	8%	61%	28%	-	-	1	13.73%
9	All	Overhead Line	Other pole types	-	-	-	-	-	-	4	-
10	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	0.06%	0.18%	77.07%	22.69%	-	-	1	0.30%
11	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	-	-	-	-	-	-	4	-
12	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	-	-	-	100.00%	-	-	1	-
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	-	-	-	-	-	-	4	-
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	-	-	-	-	-	-	4	-
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	-	-	-	-	-	-	4	-
16	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	-	-	-	-	-	-	4	-
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	-	-	-	-	-	-	4	-
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	-	-	-	-	-	-	4	-
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	-	-	-	-	-	-	4	-
20	HV	Subtransmission Cable	Subtransmission submarine cable	-	-	-	-	-	-	1	-
21	HV	Zone substation Buildings	Zone substations up to 66kV	-	-	10.00%	90.00%	-	-	1	-
22	HV	Zone substation Buildings	Zone substations 110kV+	-	-	-	-	-	-	4	-
23	HV	Zone substation switchgear	22/33kV CB (Indoor)	-	-	-	-	-	-	4	-
24	HV	Zone substation switchgear	22/33kV CB (Outdoor)	-	-	-	-	-	-	4	-
25	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	-	-	-	100.00%	-	-	1	-
26	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	-	-	-	-	-	-	4	-
27	HV	Zone substation switchgear	33kV RMU	-	-	-	-	-	-	4	-
28	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	-	-	-	-	-	-	4	-
29	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	3.13%	-	28.13%	68.75%	-	-	1	3.00%
30	HV	Zone substation switchgear	3.3/5.6/11/22kV CB (ground mounted)	12.12%	-	29.29%	58.59%	-	-	1	12.00%
31	HV	Zone substation switchgear	3.3/5.6/11/22kV CB (pole mounted)	-	-	-	100.00%	-	-	1	-

Company Name
Eastland Network Limited
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

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

sch ref	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	
44	HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	5.56%	55.56%	38.89%	-	-	1	5.56%
45	HV	Distribution Line	Distribution OH Open Wire Conductor	km	0.12%	0.37%	83.11%	16.39%	-	-	1	0.62%
46	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	-	-	-	4	-
47	HV	Distribution Line	SWER conductor	km	-	-	100.00%	-	-	-	1	-
48	HV	Distribution Cable	Distribution UG XLPE or PVC	km	-	-	50.00%	50.00%	-	-	1	-
49	HV	Distribution Cable	Distribution UG PILC	km	-	-	32.46%	67.54%	-	-	1	-
50	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	-	-	-	4	-
51	HV	Distribution Cable	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	2.56%	7.69%	15.38%	74.36%	-	-	1	12.82%
52	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	44.44%	55.56%	-	-	1	-
53	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	1.51%	4.53%	58.51%	35.45%	-	-	1	7.55%
54	HV	Distribution switchgear	3.3/6.6/11/22kV switches and fuses (pole mounted)	No.	1.80%	5.41%	9.01%	83.78%	-	-	1	9.01%
55	HV	Distribution switchgear	3.3/6.6/11/22kV switch (ground mounted) - except RMU	No.	1.20%	3.60%	6.00%	89.20%	-	-	1	6.00%
56	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	1.64%	4.91%	53.55%	39.91%	-	-	1	8.18%
57	HV	Distribution Transformer	Pole Mounted Transformer	No.	1.40%	4.20%	31.17%	63.22%	-	-	1	7.01%
58	HV	Distribution Transformer	Ground Mounted Transformer	No.	-	-	80.00%	20.00%	-	-	1	-
59	HV	Distribution Transformer	Voltage regulators	No.	1.40%	4.20%	31.17%	63.22%	-	-	1	7.01%
60	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	80.00%	20.00%	-	-	1	-
61	LV	LV Line	LV OH Conductor	km	0.38%	1.15%	77.88%	22.12%	-	-	1	1.92%
62	LV	LV Cable	LV UG Cable	km	-	-	53.08%	45.38%	-	-	1	-
63	LV	LV Streetlighting	LV OH/UG Streetlight circuit	km	-	-	52.43%	47.57%	-	-	1	-
64	LV	Connections	OH/UG consumer service connections	No.	1.96%	5.87%	60.49%	31.68%	-	-	1	9.79%
65	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	30.00%	20.00%	20.00%	30.00%	-	-	1	-
66	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	6.00%	18.00%	26.00%	50.00%	-	-	1	30.00%
67	All	Capacitor Banks	Capacitors including controls	No.	-	-	-	-	-	-	4	-
68	All	Load Control	Centralised plant	Lot	-	-	100.00%	-	-	-	1	-
69	All	Load Control	Relays	No.	6.00%	18.00%	26.00%	50.00%	-	-	1	5.00%
70	All	Civils	Cable Tunnels	km	-	-	-	-	-	-	4	-

Company Name
AMP Planning Period

Eastland Network Limited
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
Tekapo	1	1	- N-1 Switched	1	-	-	-	Transformer	Constraint supported by Generation AMP 4.2.2.4
Ruatoria	1	1	- N-1 Switched	1	-	-	-	Transformer	Constraint supported by Generation AMP 4.2.2.4
Tokomaru	1	1	- N-1 Switched	1	-	-	-	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
Tolaga	1	1	- N-1 Switched	1	-	-	-	Transformer	Constraint supported by Generation AMP 4.2.2.4
Kahi	8	8	- N-1 Switched	8	-	-	-	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
Port	9	9	- N-1 Switched	8	-	-	-	Transformer	Constraint Supported by adjacent Substations AMP 4.2.2.4
Carnarvon	15	13	N-1	8	119%	13	119%	Other	Constraint Supported by adjacent Substations AMP 4.2.2.4
Parkinson	5	13	N-1	8	37%	13	37%	No constraint within +5 years	Constraint supported by adjacent Substations AMP 4.2.2.4
Makaraka	8	8	- N-1 Switched	8	-	-	-	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
Patutahi	3	3	- N-1 Switched	5	-	-	-	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
Pehiri	1	1	- N-1 Switched	2	-	-	-	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
Ngataapa	0	0	- N-1 Switched	2	-	-	-	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
Puha	2	2	- N-1 Switched	3	-	-	-	Transformer	Constraint supported by Generation AMP 4.2.2.4
JNL	5	5	- N-1 Switched	8	-	-	-	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
Matawhero	8	5	N-1	8	154%	5	154%	Other	contingency
Tuati	1	1	- N	-	-	-	-	Transformer	Portable Generation Used for extended repair times AMP 4.2.2.4
Waipiro/Kiwi	11	10	N-1	-	111%	10	111%	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
Blacks pad	2	2	- N-1 Switched	1	-	-	-	Transformer	Constraint supported by Generation AMP 4.2.2.4
Tahaenui	1	1	- N-1 Switched	1	-	-	-	Transformer	Constraint supported by adjacent Substations AMP 4.2.2.4
[Zone Substation 20]								[Select one]	

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

12b(ii): Transformer Capacity

(MVA)	214
	32
	246

Distribution transformer capacity (EDB owned)
Distribution transformer capacity (Non-EDB owned)

Total distribution transformer capacity

Zone substation transformer capacity

Company Name **Eastland Network Limited**
 AMP Planning Period **1 April 2013 – 31 March 2023**

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 31 Mar 13	CY+1 31 Mar 14	CY+2 31 Mar 15	CY+3 31 Mar 16	CY+4 31 Mar 17	CY+5 31 Mar 18
Domestic	19,840	19,901	19,950	20,016	20,036	20,073
Non Domestic	5,679	5,645	5,640	5,630	5,635	5,647
Non Domestic Large	44	45	46	46	46	46
Non Domestic Industrial [EDB consumer type]	4	4	4	4	4	4
Connections total	25,567	25,595	25,640	25,696	25,721	25,770

*Include additional rows if needed

Distributed generation

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

Number of connections	5	6	8	6	7	6
Installed connection capacity of distributed generation (MVA)	0	0	1	0	1	0

12c(ii) System Demand

Maximum coincident system demand (MW)

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

	Number of connections					
	Current Year CY 31 Mar 13	CY+1 31 Mar 14	CY+2 31 Mar 15	CY+3 31 Mar 16	CY+4 31 Mar 17	CY+5 31 Mar 18
GXP demand	52	53	54	56	58	60
Distributed generation output at HV and above	5	5	5	5	6	6
Maximum coincident system demand	57	58	59	61	64	66
less Net transfers to (from) other EDBs at HV and above						
Demand on system for supply to consumers' connection points	57	58	59	61	64	66

Electricity volumes carried (GWh)

Electricity supplied from GXPs
 Electricity exports to GXPs
 Electricity supplied from distributed generation
 less Net electricity supplied to (from) other EDBs
 Electricity entering system for supply to ICPs
 less Total energy delivered to ICPs
 Losses
 Load factor
 Loss ratio

Electricity supplied from GXPs	291	292	292	294	296	297
Electricity exports to GXPs	-	-	-	-	-	-
Electricity supplied from distributed generation	15	14	16	17	17	18
less Net electricity supplied to (from) other EDBs						
Electricity entering system for supply to ICPs	306	306	308	311	313	315
less Total energy delivered to ICPs	306	306	307	310	313	315
Losses	0	0	0	0	0	0
Load factor	61%	60%	59%	58%	56%	54%
Loss ratio	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

<i>Company Name</i>	Eastland Network Limited
<i>AMP Planning Period</i>	1 April 2013 – 31 March 2023
<i>Network / Sub-network Name</i>	Total

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.

<i>sch. ref</i>	<i>Current Year CY</i>	<i>CY+1</i>	<i>CY+2</i>	<i>CY+3</i>	<i>CY+4</i>	<i>CY+5</i>
	<i>31 Mar 13</i>	<i>31 Mar 14</i>	<i>31 Mar 15</i>	<i>31 Mar 16</i>	<i>31 Mar 17</i>	<i>31 Mar 18</i>
8	60.0	60.0	60.0	60.0	60.0	60.0
9	242.0	242.0	242.0	242.0	242.0	242.0
10						
11						
12						
13	0.20	0.20	0.20	0.20	0.20	0.20
14	3.80	3.80	3.80	3.80	3.80	3.80
15						

<i>Company Name</i>	Eastland Network Limited
<i>AMP Planning Period</i>	1 April 2013 – 31 March 2023
<i>Network / Sub-network Name</i>	Gisborne

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.

<i>sch. ref</i>	<i>Current Year CY</i>	<i>CY+1</i>	<i>CY+2</i>	<i>CY+3</i>	<i>CY+4</i>	<i>CY+5</i>
	<i>31 Mar 13</i>	<i>31 Mar 14</i>	<i>31 Mar 15</i>	<i>31 Mar 16</i>	<i>31 Mar 17</i>	<i>31 Mar 18</i>
8	30.00	30.00	30.00	30.00	30.00	30.00
9	237.00	237.00	237.00	237.00	237.00	237.00
10						
11						
12						
13	0.30	0.30	0.30	0.30	0.30	0.30
14	3.80	3.80	3.80	3.80	3.80	3.80
15						

<i>Company Name</i>	Eastland Network Limited
<i>AMP Planning Period</i>	1 April 2013 – 31 March 2023
<i>Network / Sub-network Name</i>	Wairoa

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.

<i>sch. ref</i>	<i>Current Year CY</i>	<i>CY+1</i>	<i>CY+2</i>	<i>CY+3</i>	<i>CY+4</i>	<i>CY+5</i>
	<i>31 Mar 13</i>	<i>31 Mar 14</i>	<i>31 Mar 15</i>	<i>31 Mar 16</i>	<i>31 Mar 17</i>	<i>31 Mar 18</i>
8	60.00	60.00	60.00	60.00	60.00	60.00
9	400.00	400.00	400.00	400.00	400.00	400.00
10						
11						
12						
13	0.50	0.50	0.50	0.50	0.50	0.50
14	4.60	4.60	4.60	4.60	4.60	4.60
15						

<p style="text-align: center;">SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY This schedule requires information on the EDP's self-assessment of the maturity of its asset management practices.</p>						
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why
3	Asset management policy	To what extent has an asset management policy been documented, authorised and communicated?	2	AMP1.2.1 Statement of Purpose and Vision, Commerce Act (Electricity Distribution Services Information Disclosure) Determination 2012 determines the fundamental requirement for Asset Management. Display of AMP. Policy Authorised by CEO Eastland Group verified.	Asset Manager review of Policy existence	Widely used AM practice standards require an organisation to document, authorise and communicate its asset management policy (eg, as required in PAS 55 para 4.2.1). 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.
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?	2	AMP 1.1 Purpose, AMP1.2 Interaction with other goals, AMP1.2.2 Overview of process, AMP 1.4 Stakeholders, ENL4 Section 3 -1.0 and 2.0 documents Purpose Linkage and Framework, QM4 Section 10, SMS 4.6	Asset Manager review.	In setting an organisation's asset management strategy, it is important that it is consistent with any other policies and strategies that the organisation has and has taken into account the requirements of relevant stakeholders. This question examines to what extent the asset management strategy is consistent with other organisational policies and strategies (eg, as required by PAS 55 para 4.3.1 b) and has taken account of stakeholder requirements as required by PAS 55 para 4.3.1.c). Generally, this will take into account the same policies, strategies and stakeholder requirements as covered in drafting the asset management policy but at a greater level of detail.
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	AMP Section 5 Lifecycle management, ENL4 Section 3 - 7 and 8 describe activity elements for life cycle, SMS 5.3	Asset Manager review.	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.
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	Maintenance, Condition assessment and performance records incorporated into plans, Annual AMP produced - Director sign off - External Review	Asset Manager review.	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.
<p style="text-align: center;">Eastland Network Limited 1 April 2013 – 31 March 2023 PAS 55</p>						
<p style="text-align: center;">Company Name AMP Planning Period Asset Management Standard Applied</p>						
<p style="text-align: center;">Record/Documented Information 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.</p>						
<p style="text-align: center;">Who Top management. The management team that has overall responsibility for asset management.</p>						
<p style="text-align: center;">Record/Documented Information 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.</p>						
<p style="text-align: center;">Record/Documented Information The organisation's documented asset management strategy and supporting working documents.</p>						
<p style="text-align: center;">Record/Documented Information The organisation's asset management plan(s).</p>						

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

		Company Name Eastland Network Limited AMP Planning Period 1 April 2013 – 31 March 2023 Asset Management Standard Applied PAS 55					
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 assessor is advised to note in the Evidence section why this is the case and the evidence seen.	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.

<p style="text-align: center;">SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>						
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why
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	Publicly Disclosed via web site, Sent to regulator annually, Submitted to board annually, Copy on front counter main standards, work programs and asset management activities, SMS 5.8	Asset Manager review.	Plans will be ineffective unless they are communicated to all those, including contracted suppliers and those who undertake enabling functions(s). The plan(s) need to be communicated in a way that is relevant to those who need to use them.
29	Asset management plan(s)	How are designated responsibilities for delivery of asset plan actions documented?	3	Publicly Disclosed via web site, Sent to regulator annually, Submitted to board annually, Copy on front counter main standards, work programs and asset management activities, SMS 2.4 and 5.4	Asset Manager review.	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.
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	The quality system documents policies, processes, procedures and design standards to achieve the outcomes identified in the annual AMP, Asset and Financial performance indicators demonstrate compliance with efficiency targets over time	Asset Manager review.	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.
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?	3	AMP Section 6 Managing risk, QM8 Emergency Preparedness, ENL2 Network control operations, ENL10 Network safety management system, Civil Defence and Lifelines participation, External audit as part of safety management system Regulations, SMS 4.5	Asset Manager review.	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.
<p style="text-align: right;">Eastland Network Limited 1 April 2013 – 31 March 2023 PAS 55</p>						
<p style="text-align: right;">Company Name AMP Planning Period Asset Management Standard Applied</p>						
<p style="text-align: right;">Record/Documented Information Distribution lists for plan(s). Documents derived from plan(s) which detail the receivers role in plan delivery. Evidence of communication.</p>						
<p style="text-align: right;">Who The management team with overall responsibility for the asset management system. Delivery functions and suppliers.</p>						
<p style="text-align: right;">Record/Documented Information The organisation's asset management plan(s). Documentation defining roles and responsibilities of individuals and organisational departments.</p>						
<p style="text-align: right;">Record/Documented Information The organisation's asset management plan(s). Documented processes and procedures for the delivery of the asset management plan.</p>						
<p style="text-align: right;">Record/Documented Information The organisation's plan(s) and procedure(s) for dealing with emergencies. The organisation's risk assessments and risk registers.</p>						

<p style="text-align: center;">SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>							
<p style="text-align: center;">Company Name Eastland Network Limited AMP Planning Period 1 April 2013 – 31 March 2023 Asset Management Standard Applied PAS 55</p>							
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 or 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 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 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 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.

<p style="text-align: center;">SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>						
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why
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)?	3	AMP section 1.5. Roles and responsibilities are incorporated into position descriptions and performance incentive plans. SMS 2.4 and 5.4	Asset Manager review.	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).
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	Annual Strategic and Business Planning considers Resourcing, Incident and event reviews provide a mechanism for identifying gaps. The AMP identifies shortfalls in resourcing. SMS 5.4	Asset Manager review.	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.
42	Structure, authority and responsibilities	To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?	3	AMP section 1.5. Roles and responsibilities are incorporated into position descriptions and performance incentive plans. Board reporting of key asset management indicators is undertaken. SMS 5.4	Asset Manager review.	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).
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?	3	Activities associated with asset information, planning, design undertaken inhouse. ENL4 Section 7 Outsourced contracting, consulting and review managed via contract documentation including scope and specification. Audit and review processes in place.	Asset Manager review.	Where an organisation chooses to outsource some of its asset management activities, the organisation must ensure that these outsourced processes) 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.
						<p>Who Top management. People with management responsibility for the delivery of asset management policy, strategy, objectives and plan(s). People working on asset-related activities.</p> <p>Why 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.</p> <p>Who Top management. The management team that has overall responsibility for asset management. People involved in the delivery of the asset management requirements.</p> <p>Why Top management. The management team that has overall responsibility for asset management. The organisation's arrangements that detail the compliance required of the outsourced activities. For example, 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.</p>

<p style="text-align: center;">SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>							
<p style="text-align: center;"><i>Company Name</i> Eastland Network Limited</p>							
<p style="text-align: center;"><i>AUP Planning Period</i> 1 April 2013 – 31 March 2023</p>							
<p style="text-align: center;"><i>Asset Management Standard Applied</i> PAS 55</p>							
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 person to ensure the organisation's 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 organisation's 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 organisation's 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 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.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Company Name
Eastland Network Limited
 AMP Planning Period
1 April 2013 – 31 March 2023
 Asset Management Standard Applied
PAS 55

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	QM2 Section 2 Training Programme, ENL1 Section 4 Competency/Authorisation Database, Scholarship programme in place, Apprenticeship programme in place, Close relationship with ESITO and regional contractors to ensure training opportunities are identified, Performance Review Programme in place, Induction procedures in place, SMS 5.2 and 5.7	Asset Manager review.	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?	3	ENL1 Section 4 Individual Competency assessment process with skills and training matrix, Job descriptions, Performance review process, Contractor Management and Auditing Process, SMS 5.7	Asset Manager review.	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, coordinated 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?	3	ENL1 Section 4 Individual Comp	Asset Manager review.	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.

Company Name
Eastland Network Limited
 AMP Planning Period
1 April 2013 – 31 March 2023
 Asset Management Standard Applied
PAS 55

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 organisation 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 organisation 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.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)						
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why
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	Annual Reporting Processes, Monthly Reporting Processes, Weekly Meeting Process, Monthly Contractor Meeting Process, Processes for Datacapture and provision of asset information in place. Design and Maintenance Standards communicated via contracts, SMS 5.9	Asset Manager review.	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.
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?	3	AMP 1.6 Describes the processes and systems in place. Quality system documentation describes procedures for data capture and reporting, SMS 5.2	Asset Manager review.	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).
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?	3	Regulatory requirements for Performance, Asset Management, Health and Safety and Design Parameters mandate the requirements. Internal and External Reviews or Adults identify data processes and review suitability/accuracy. Continuous improvement processes enable improvement over time. Strategic goals balance the information costs with derived benefits.	Asset Manager review.	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.
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?	3	ENL7 Information Procedures, ENL 14 ENL maintenance Procedures, ENL8 Standard Forms, ENL's safety management system covers review of data and controls from design standards to defect reporting and corrective action consistent with Asset management requirements. The Quality System provides the appropriate mechanism for reviews.	Asset Manager review.	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).
						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).
						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).
						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.
						The asset management information system, together with the policies, procedure(s), improvement initiatives and audits regarding information controls.

<p style="text-align: center;">Company Name Eastland Network Limited</p> <p style="text-align: center;">AMP Planning Period 1 April 2013 – 31 March 2023</p> <p style="text-align: center;">Asset: Management Standard Applied PAS 55</p>							
Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
53	Communication and 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 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 is 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.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Company Name
Eastland Network Limited
 AMP Planning Period
1 April 2013 – 31 March 2023
 Asset Management Standard Applied
PAS 55

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function Information	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?	3	Procedures documented in Quality System. Internal Reviews and where appropriate, Internal/External Audits documented. SMS 4.6	Asset Manager review.	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?	3	Asset Risk assessment audited under regulation for public safety management system. SMS 4.0	Asset Manager review.	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 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	AMP 6.0 Business Risk summarised and Action plan prioritised by risk reduction outcomes. ENL10 Network safety Management system procedures. OMB Emergency management documentation related to risk controls. ENL4 section 11 Emergency procedures. ENL4 section 13 Risk management assessments	Asset Manager review.	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 organisation's 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 resourcing 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?	3	Legal Compliance procedures audited under regulation for public safety management system. SMS 4.6g	Asset Manager review.	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 3.4.4.3). 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 organisation's 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.

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) surpasses 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) surpasses 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 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) surpasses 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) surpasses the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

Company Name
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<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>
<p>Company Name Eastland Network Limited</p>
<p>AMP Planning Period 1 April 2013 – 31 March 2023</p>
<p>Asset Management Standard Applied PAS 55</p>

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 and control of activities across the creation, acquisition or enhancement of assets. This includes design, modification, procurement, construction and commissioning activities?	3	AMP Section 5 Lifecycle management, ENL4 Section 3 - 7 and 8 describe activity elements for life cycle. ENL9 controls design standards, Audited under regulation for safety management system.	Asset Manager review.	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 : 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?	3	AMP Section 5 Lifecycle management, ENL4 Section 3 - 7 and 8 describe activity elements for life cycle. AMP Section 3 Performance Monitoring. Audited under regulation for public safety management system. SMS 6.0	Asset Manager review.	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 : 4.1.1).	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?	3	AMP Section 3 Performance, AMP Section 4 Development Plans, ENL7 Information Procedures, Amp Section 7 Financial Forecasts, AMP Section 8 Performance and Improvement SMS 2.11 and 6.0	Asset Manager review.	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 contractors 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 are clear, unambiguous, understood and communicated?	3	Incident Reporting, Real time monitoring, Investigation Procedures, Monthly Board Reporting, Audited under regulation for public safety management, SMS 5.10	Asset Manager review.	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.

<p style="text-align: center;">SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>							
<p style="text-align: center;">Company Name Eastland Network Limited</p>							
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<p style="text-align: center;">Asset Management Standard Applied PAS 55</p>							
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 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 assessor is advised to note in the Evidence section why this is the case and the evidence seen.	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)?	3	Procedures documented in Quality System. Internal Reviews and where appropriate, Internal/External Audits documented.	Asset Manager review.	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 preventative actions to eliminate or prevent the causes of identified poor performance and non conformance?	3	Procedures documented in Quality System. Internal Reviews and where appropriate, Internal/External Audits documented.SMS 5.10	Asset Manager review.	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 business's 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	AMP Section 8 Performance and Improvement, SMS 5.3	Asset Manager review.	Widely used AM standards have requirements to establish, implement and maintain process(es)/procedure(s) for identifying, assessing, prioritising and implementing actions to achieve continual improvement. Specifically there is a requirement to demonstrate continual improvement in optimisation of cost risk and performance/condition of assets across the life cycle. This question explores an organisation's capabilities in this area—looking for systematic improvement mechanisms rather than reviews and audit (which are separately examined).	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. Managers responsible for policy development and implementation.	Records showing systematic exploration of improvement. Evidence of new techniques being explored and implemented. Changes in procedure(s) and process(es) reflecting improved use of optimisation tools/techniques and available information. Evidence of working parties and research.
115	Continual Improvement	How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	3	Industry Participation EEA, IPENZ Forum and Conference attendance, Supplier relationships, Quality System procedures for Continuous Improvement, Review and Performance monitoring, SMS 5.3	Asset Manager review.	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, processes, 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.

Company Name	<u>Eastland Network Limited</u>
For Year Ended	<u>31 March 2013</u>

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

The ROI for 2013 is below the Post-tax and vanilla WACC for the 2013 year. This is due to higher operational costs, higher recoverable costs (especially transpower charges) and a lower revaluation of regulatory assets.

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 relates to maintenance services provided to Eastland Generation Limited provided by Eastland Network Limited (\$186k). Further income is received from Compensation Receipts (Fines, Recovery of debts relating to damage to network assets - eg Car-hit-pole (\$58k), Sale of scrap and other miscellaneous items.

This year, Eastland Network has chosen to apply the full cost of shared services charged by the Eastland Group to Information Disclosures. This is a departure from prior years where the costs were applied differently for Information disclosures than the actual costs paid by the network. This has resulted in an increase in management fee of \$910K or 62% over the 2012 management fee.

This change has occurred to create a closer alignment between accounting financial reports and regulatory reports and to more closely reflect the true costs of the Network business. Past reported costs have not been a fair reflection of the actual time spent by EGL management on the network business and after additional analysis it has been agreed to reflect the true costs within the current year information disclosures and to continue doing so going forward. In the accounting financial reports it is noted that the management fee has increased by less than 2% of the 2012 management fee charged.

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

N/A

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)

During the year, ENL made an adjustment to the RAB System Fixed Assets to adjust for errors identified following a review of the RAB.

These errors were largely a result of incorrect application of the depreciation formula, the incorrect calculation of 2011 CPI Index and the non-adjustment of the 2009 RAB by 1.0245 multiplier to obtain the Initial RAB total. This also had the impact of changing the amount of disposals each year.

The total RAB adjustment made from 2005-2012 was \$3,806k. Further information is detailed below in Schedule 15.

The Revaluation Uplift applied to the opening balance of RAB for 2013 is 0.86%

There have been no changes to Depreciation Profiles and all assets in the RAB are depreciated over the standard useful lives.

All assets in the RAB have been allocated directly to the network.

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

8.2: Expenditure added back includes: Depreciation (\$4,828k), Employee Remuneration Provisions (\$288k), other (-\$2k)

8.4: Expenditure deductible but not included: Tax Depreciation (\$4,586k), Prior year Employee Remuneration provisions (\$198k)

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) (000's)

Employee Remuneration Provisions	\$288			
Less Other	<u>(\$ 5)</u>			
Positive Temporary Diff	\$283	x 28%	=	\$ 79
Prior Year Employee Provisions	<u>\$ 198</u>			
Negative Temporary Differences	\$ 198	x 28%	=	<u>(\$ 55)</u>
Total				(\$ 24)

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

Management Fee: for services provided by Group Shared Services including IT, Finance, Management, Directors, HR etc. Charges are based on budgeted costs apportioned according to time spent by each FTE in shared services on Network business. This methodology is applied to all businesses within the Eastland Group.

As stated above, the costs included as a management fee for the 2013 year are the actual costs charged by the Eastland Group and are therefore a more accurate reflection of the actual costs of the network as a result of analysis of the actual time spent by Management, Finance, IT, HR and other services provided by the Group Shared Services.

Generation Connection Fees: Are charged by Eastland Network to Eastland Generation for connection to the network. These fees are charged in accordance with ENL's standard pricing schedule published on our website.

Maintenance Services: are provided by Eastland Network Staff to Eastland Generation for servicing of assets. These services are charged to Eastland Generation at cost + 10%.

Energy Purchases: ENL purchases energy produced from diesel generators owned by Eastland Generation on occasion to reduce outages during maintenance. These charges are paid for in accordance with the contract between the two parties.

ACOT: This is paid to Eastland Generation for savings in transmission charges that would otherwise be payable to Transpower. This includes avoidance of connection assets or the need to install connection assets and the reduction in regional coincident peak demand (RCPD) each year. These avoided costs are calculated according to current Transmission Pricing methodology.

ACOD: This is paid to Eastland Generation in accordance with the Distributed Generation regulations under the Code of Participation. These costs have been calculated in accordance with regulatory allowances and then adjusted down to ensure that Eastland Generation does not earn more in total than the WACC expected for a generator of this type.

Network Maintenance: Costs are as per the standard rate card set by Eastland Network and that applies to all related and unrelated contractors. Eastech Ltd Gross Profit mark-up is less than 17.2%.

Network Repairs and Replacement CAPEX: Costs are as per the standard rate card set by Eastland Network that applies to all related and unrelated contractors. Eastech Ltd Gross Profit mark-up is less than 17.2%.

Miscellaneous Application Fees: These are charged at the standard application fee rate.

Sale of Transformer: The value of this asset was determined as per ENL standard policy at Depreciated replacement 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
Non-Directly Attributable costs have been allocated to Eastland Network under ACAM.
No costs have been reclassified during the year.

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
All assets included in the Regulated Asset base are directly attributable to the Electricity Distribution business and have been allocated directly. There has been no change in asset allocations for the 2013 year.

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
Projects with a cost greater than \$15,000 have been identified as material to disclose separately.

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

Asset Replacement and Renewal Operating Expenditure relates to replacement of parts of assets due to condition or performance issues and as such falls outside of the Eastland Policy for capitalisation of expenditure.

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

Expenditure on Assets

Consumer Connection:

While variance to forecast is 17%, this is from a very low base and the variance amount of \$16K is minimal.

System Growth:

Planned Mahia Development expenditure of \$450K was deferred.

Asset Replacement & Renewal:

Under spend due to lack of suitable contractor resourcing to carry out work-plans and projects delivered below budget.

Asset Relocation:

These costs are all unplanned and so the budget is a best estimate of costs.

Reliability, Safety & Environment:

Two projects budgeted at \$105K in total were deferred. 1) 11KV switchgear addition/alterations and 2) the establishment of standby genset generation sites (still negotiating land sites).

Operational Expenditure

Service Interruptions & Emergencies: The cost of delivering these services was slightly more than budgeted.

Vegetation Management: Actual costs for Vegetation Management are split out from Routine and Corrective maintenance but these costs were combined for the budget. In total the variance is less than 5%.

Asset Replacement and Renewal. Some unplanned budgeted costs were not incurred and a transfer of funds to make up the differences in Service Interruptions and Emergencies has occurred to ensure the overall budget is adhered to.

Business Support Costs are higher due to Eastland Network including the full cost of the management fee charged by the Eastland Group shared services (see box 2 above). Also, actual figures include \$114K of unbudgeted costs in relation to the Transpower Asset transfer which were not included in previous forecasts provided to the Commerce Commission in 2012.

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

Forecast/Target Revenue = \$31,922K

Actual Revenue = \$31,737

Variance = 0.6%

There is very little variance between target revenue and actual revenue received for the year ended 31 March 2013.

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

Eastland met regulatory SAIDI and SAIFI thresholds for the 2013 year.

Insurance cover

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

Box 15: Explanation of insurance cover

The only network assets insured are the Substation buildings, SCADA, vehicles and other communications equipment but not fibre-optic cables. These assets are insured for replacement cost to a maximum of \$17 million.

ENL has no self insurance cover.

Company Name	<u>Eastland Netork Limited</u>
For Year Ended	<u>31 March 2013</u>

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
Nominal capex has been increased by 2.5% per annum but given that the base year is 2013, there is no difference between nominal and constant capex for the 2013 year.

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

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

Box 2: Commentary on difference between nominal and constant price operational expenditure forecasts
Nominal opex has been increased by 2.5% per annum but given that the base year is 2013, there is no difference between nominal and constant opex for the 2013 year.

Company Name Eastland Network 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)

These are the standard temporary differences relating to items such as payroll and bad debt provisions that were included in the previous information disclosures.

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

There has been no change in the treatment of related party transactions and therefore no effect on Regulatory profit or ROI.

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



Company Name	<u>Eastland Network Limited</u>
For Year Ended	<u>31 March 2013</u>

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

As advised to the Commerce Commission previously, there were calculation errors in the 2005 – 2012 RAB which have been corrected for the 2013 Disclosure year. This has resulted in a roll forward value that is inconsistent with previous disclosures for which Eastland Network has been granted an exemption for non-compliance with clause 2.12.4 of the ID Determination.

The errors were a result of:

- Incorrect calculation of depreciation for each year by adding the indexed revaluation to the opening balance before calculating depreciation and calculating depreciation on assets commissioned and disposed of during a disclosure year.
- Initial RAB was stated as the 2009 closing balance and did not include the FDC allowance of 1.0245x System Assets
- Not applying the full definition of CPI under the 2010 IM for the 2011 disclosure year to adjust for the GST impact on CPI.

These errors also affected the amount disclosed for asset disposals during a year.

The following table reconciles the information provided in the 2013 disclosures to the information provided in previous disclosures.

(000's)	Initial RAB	2010	2011	2012
Originally Disclosed System Fixed Assets	109,261	112,186	117,405	119,824
Adjustments:				
<i>Less</i> Depreciation	-	2,967	207	223
<i>Plus</i> Uplifts	-	11	(2,327)	(52)
<i>Less</i> Disposals	-	15	(191)	(104)
<i>Plus</i> Additions	2,690	(104)	(1,022)	(416)
<i>Plus</i> Annual Cummulative Adjustment	(530)	(3,220)	(145)	3,219
Recalculated Regulatory System Fixed Assets	112,481	112,331	114,186	116,018
<i>Plus</i> Non-system Fixed Assets	2,580	3,036	3,301	3,494
Total Restated Regulatory Asset Base	115,061	115,367	117,487	119,512

*The Annual Cummulative adjustment is the total of all adjustments from 2005 to the year stated.

Schedule 17

Certification for Year-beginning Disclosures

Clause 2.9.1 of Section 2.9

We, Mike Glover and John Rae being directors of Eastland Network Limited certify that, having made all reasonable enquiry, to the best of our knowledge-

- a) The following attached information of Eastland Network Limited prepared for the purposes of clause 2.4.1, clause 2.6.1 and subclauses 2.6.3(4) and 2.6.5(3) of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination.
- b) The prospective financial or non-financial information included in the attached information has been measured on a basis consistent with regulatory requirements or recognised industry standards.



Director



Director

Schedule 18

Certification for Year-end Disclosures

Clause 2.9.2 of Section 2.9

We, Mike Glover and John Rae being directors of Eastland Network 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 the Eastland Network Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained; and
- c) The forecasts in Schedules 11a, 11b, 12a, 12b and 12c are based on objective and reasonable assumptions which both align with Eastland Network Limited's corporate vision and strategy and are documented in retained records.



Director



Director

Schedule 18

Certification for Transitional Disclosures

Clause 2.9.3 of Section 2.9

We, Mike Glover and John Rae being directors of Eastland Network Limited certify that, having made all reasonable enquiry, to the best of our knowledge, the information prepared for the purpose 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.

A handwritten signature in blue ink, appearing to read "John Rae", written over a horizontal dashed line.

Director

A handwritten signature in blue ink, appearing to read "Mike Glover", written over a horizontal dashed line.

Director

INDEPENDENT AUDITOR'S REPORT

TO THE DIRECTORS OF EASTLAND NETWORK LIMITED AND TO THE COMMERCE COMMISSION

The Auditor-General is the auditor of Eastland Network Limited (the company). The Auditor-General has appointed me, Bruno Dente, 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, Schedule 10 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.

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.



Bruno Dente
Deloitte
On behalf of the Auditor-General
Hamilton, New Zealand
21 August 2013