



Information Disclosure prepared according to
subpart 3 of the Part 4A Commerce Act 1986

For the Assessment Period: 1 April 2011 - 31 March 2012

1 Contents

1	Contents	2
2	Introduction.....	3
3	Structure of Eastland Network Ltd	3
4	Schedules.....	4
4.1	Financial Statements	4
4.1.1	FS1 - Regulatory Profit Statement.....	4
4.1.2	FS2 - Regulatory Asset & Financing Statement.....	8
4.1.3	FS3 - Regulatory Tax Allowance Calculation	9
4.2	Asset Valuation	10
4.2.1	AV1 - Annual Regulatory Valuation Roll-Forward Report.....	10
4.2.2	AV2 Regulatory Valuation Disclosure by Asset Class	11
4.2.3	AV3 - System Fixed Assets Replacement Cost Roll-Forward Report	12
4.2.4	AV4 - Business Merger, Acquisition or Sale – Regulatory Asset Base Disclosure.....	13
4.3	Network Performance.....	14
4.3.1	MP1 - Network Information – Total Business.....	14
4.3.2	MP1 - Network Information – Gisborne	16
4.3.3	MP1 - Network Information - Wairoa	18
4.3.4	MP2 - Performance Measures	20
4.3.5	MP3 - Price and Quality Measures – Total Business	21
4.3.6	MP3 - Price and Quality Measures – Gisborne.....	24
4.3.7	MP3 – Price and Quality Measures - Wairoa	27
4.4	Asset Maintenance and Expenditure.....	30
4.4.1	AM1- Expenditure Forecasts and Reconciliation	30
5	Transitional Provisions	31
6	Assumptions and Explanatory Notes.....	32
7	Auditor’s Reports	33
8	Director’s Certificates	35
8.1	Certificate for Disclosed Information	35
8.2	Certificate for Valuation Report.....	36

2 Introduction

These Information Disclosure documents are submitted by Eastland Network Ltd pursuant to subpart 3 of Part 4A the Commerce Act 1986 in accordance with

- The Electricity Information Disclosure Requirements issued 31 March 2004, consolidating all amendments to 31 October 2008,
- The Electricity Distribution (Information Disclosure) Requirements 2008,
- The Electricity Information Disclosure Handbook (as amended 31 October 2008), and
- The Handbook for Optimised Deprival Valuation of System Fixed Assets of Electricity Lines Businesses (30 August 2004)

Part 4A of the Commerce Act 1986 provides for a regulatory regime for electricity lines businesses, which inter alia sets out provisions for an information disclosure regime in order to allow for public monitoring of lines business operations and behavior. The purpose of the information disclosure regime is to promote the efficient operation of markets directly related to electricity distribution and transmission services. This is to be achieved by ensuring that lines companies provide timely and reliable information about their business activities and make that information publicly accessible for interested parties.

3 Structure of Eastland Network Ltd

For the purpose of regulatory compliance, Eastland Network Ltd is a "Distribution business" and must accordingly comply with the regulatory requirements. Clause 6(1)(c) of the Electricity Distribution (Information Disclosure) Requirements 2008, requires Distribution businesses to submit separate MP1 and MP3 reports in relation to their consumer-controlled parts of the network and their non-consumer controlled parts of the network

This requirement applies to Eastland Network Ltd because Eastland Network Ltd is Consumer-controlled by virtue of its ownership by the Eastland Community Trust and that approximately 81% of Eastland Network's consumers (by ICP connection) are "Controlling consumers" (being the beneficiaries of the Eastland Community Trust). Therefore the additional requirements are triggered in respect of Eastland Network's Distribution business.

4 Schedules

4.1 Financial Statements

4.1.1 FS1 - Regulatory Profit Statement

REPORT FS1: REGULATORY PROFIT STATEMENT		Electricity Distribution Business:	Eastland Network Ltd
ref		For Year Ended	2012
5			
6	Income		
7			(\$000)
8	Net Line Charge Revenue Received	30,250	
9	plus Discretionary Discounts and Customer Rebates	-	FS1a
10	Gross Line Charge Income	30,250	
11			
12			
13	Capital Contributions	54	
14	plus Net Value of Vested Assets	416	
15	Total Capital Contributions and Vested Assets	470	
16			
17	AC Loss Rental Rebates Received	940	
18	less AC Loss Rental Rebates Passed On	885	
19	Net AC loss rental income (deficit)	55	
20			
21			
22	Other Income	145	
23		145	
24			
25	Total regulatory income	30,920	
26			
27			
28	Expenses		
29			
30	Transmission Charges - Payments to Transpower	6,749	
31	plus Avoided Transmission Charges - payments to parties other than Transpower	2,815	
32	Total Transmission Costs	9,564	
33			
34	Operational Expenditure:		
35	General Management, Administration and Overheads	1,936	
36	System Management and Operations	1,307	
37	Routine and Preventative Maintenance	1,282	to AM1
38	Refurbishment and Renewal Maintenance	159	to AM1
39	Fault and Emergency Maintenance	1,019	to AM1
40	Pass-through Costs	241	
41	Other	91	
42	Total Operational Expenditure	6,035	to MP2
43			
44			
45	Operational earnings	15,321	
46			
47			
48	Regulatory Depreciation of System Fixed Assets (incl. value of assets decommissioned)	4,593	from AV1
49	plus Depreciation of Non-System Fixed Assets (incl. value of assets decommissioned)	269	from AV1
50	Total Regulatory Depreciation	4,862	to FS3
51			
52			
53	Earnings before interest and tax (EBIT)	10,459	to FS3
54			
55	less Regulatory Tax Allowance	1,822	from FS3
56			
57	plus Indexed Revaluation (of System Fixed Assets)	1,844	from AV1
58	plus Revaluations of Non-System Fixed Assets	-	from AV1
59			
60	Regulatory profit / loss (pre-financing and distributions)	10,481	to MP2

REPORT FS1: REGULATORY PROFIT STATEMENT (cont)

Notes to Regulatory Profit Statement

69	FS1a: Discretionary Discounts: Customer Rebates and other line charge adjustments		(\$000)
70	Customer Rebates		
71	Line Charge Holidays and other Discretionary Discounts		
72	Total Discretionary Discounts and Customer Rebates		-

75	FS1b: Related party expenditure - summary		(\$000)
76	Avoided Transmission Charges	2,488	
77	Operational Expenditure	850	
78	Subvention Payment	-	
79	Other related party expenditure	(24)	
80	Total Related Party Expenditure		3,314
81	<i>NB: The additional Related Party information that is required to be disclosed in accordance with Section 3 of the Information Disclosure Handbook is to be disclosed by way of a separate note to this Schedule and forms part of this Schedule.</i>		
82			
83			
84			

87	FS1c: Operational Expenditure notes		(\$000)
88			
89	Merger and Acquisition Expenses		
90	Merger and Acquisition Expenses (not to be included in Operational Expenditure)	n/a	
91			
92	Material items (if greater than 10% of the Operational Expenditure line item)		
93	Material item amount 1	693	<i>Notes to be provided separately</i>
94	within expenditure category:	General Management, Administrative	
95			
96	Material item amount 2	708	<i>Notes to be provided separately</i>
97	within expenditure category:	System Management and Operation	
98			
99	Material item amount 3		<i>Notes to be provided separately</i>
100	within expenditure category:	Select one	
101			
102	<i>(further disclosures to be provided on separate page if required)</i>		
103			

106	FS1d: Vested Assets		(\$000)
107	Consideration Paid for Vested Assets		93

110	FS1e: Reclassified items in Operational Expenditure		(\$000)
111	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected line item)	n/a	
112	Previous classification:	Select one	
113	New classification:	Select one	
114			
115			(\$000)
116	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected line item)		
117	Previous classification:	Select one	
118	New classification:	Select one	
119			
120			(\$000)
121	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected line item)		
122	Previous classification:	Select one	
123	New classification:	Select one	
124			

to be repeated as required for multiple reclassifications

FS1b – Related Party Expenditure

Eastland Generation Limited

Eastland Generation Limited (Eastland Generation) is a company within the Eastland Group, and is a related party of Eastland Network Limited (Eastland Network).

In April 2010, Eastland Network transferred a 5MW hydro station at Waihi, and six 1MW diesel generators and one 0.5MW diesel generator to Eastland Generation. Eastland Network continues to maintain the hydro station and the diesel generators; which the maintenance costs are then on charged to Eastland Generation with a 10% premium attached. During the year ended 31 March 2012, Eastland Network expensed \$241k of maintenance charges relating to Eastland Generation. Subsequently, Eastland Network on charged \$265k to Eastland Generation for these expenses incurred which resulted in a profit of \$24k.

During the year ended 31 March 2012, Eastland Generation provided total avoided transmission services of \$2,847k to Eastland Network. Of this, \$2,488k is attributable to the Regulatory Profit Statement.

As at 31 March 2012, there were no outstanding balances payable between Eastland Generation and Eastland Network.

Eastech Limited

Eastech Limited (Eastech) is a company within the Eastland Group, and is a related party of Eastland Network. Eastech provides contract services to maintain, develop and service the network.

During the year ended 31 March 2012, Eastech provided maintenance services to Eastland Network to the value of \$850k, and capital works to the value of \$1,415k.

The capital works was spent in following regulatory fixed asset categories:

Subtransmission	\$3k
Distribution & LV Lines	\$1,295k
Distribution & LV Cables	\$46k
Distribution Substations & Transformer	\$33k
Distribution Switchgear	\$38k

During the year ended 31 March 2012, Eastland Network provided customer connection sales to Eastech of \$23k.

Eastech operates its workshop in a building owned by Eastland Network. During the year 31 March 2012, Eastech paid rent to Eastland Network of \$35k. This is not included in the regulatory profit statement.

As at 31 March 2012, there were no outstanding balances payable between Eastech and Eastland Network.

Eastland Group Limited

On 1 April 2010, Eastland Group undertook a structural reorganisation of the companies within the Group.

Up to 31 March 2011, Eastland Infrastructure was the management company within the Group and employed all staff. It also holds leases with the Gisborne District Council for the management of operation of Gisborne Airport.

On 28th of February 2011, Eastland Infrastructure Limited was renamed Gisborne Airport Limited, and on the 1st of April 2011, all staff contracts were transferred to Eastland Group Limited.

Eastland Group provides corporate services to Eastland Network and rents its office space from Eastland Network.

During the year ended 31 March 2012, Eastland Group paid \$80k of rent to Eastland Network; and Eastland Network paid \$2,337k of management services fees to Eastland Group. Eastland Network also paid \$5,302k in interest charges and a dividend of \$3,356k to Eastland Group. These are not included in the regulatory profit statement.

As at 31 March 2012, Eastland Group had an outstanding balance of \$10,987k payable to Eastland Network, and Eastland Network had long term borrowings with Eastland Group of \$47,819k. These balances are not regulatory related.

FS1c – Operational Expenditure Notes

During the Regulatory Period, Eastland Network had the following material operational expenditure items in the Regulatory Profit Statement:

\$708k of Direct labour costs to Eastland Network. This is included in the Systems Management and Operations expenditure category.

\$693k of Labour costs allocated to Eastland Network from Eastland Group Limited. This is included in the General Management, Administration and Overheads expenditure category.

4.1.2 FS2 - Regulatory Asset & Financing Statement

REPORT FS2: REGULATORY ASSET AND FINANCING STATEMENT		Electricity Distribution Business: Eastland Network Ltd	
		For Year Ended	2012
5			
6			
7	Capital Expenditure on System Fixed Assets (by primary purpose)		(\$000)
8	Customer Connection	65	to AVI
9	System Growth	561	to AVI
10	Reliability, Safety and Environment	176	to AVI
11	Asset Replacement and Renewal	3,971	to AVI
12	Asset Relocations	33	to AVI
13	Total Capital Expenditure on System Fixed Assets	4,806	to AVI
14			
15			
16	Capital Expenditure on Non-System Fixed Assets	410	from AVI
17			
18			
19	Capital works roll-forward (for System Fixed Assets)		
20	Works Under Construction at Beginning of Year	1,097	
21	plus Total Capital Expenditure on System Fixed Assets	4,806	
22	less Assets Commissioned in Year	4,660	from AVI
23	Works under construction at year end	1,243	
24			
25			
26	Regulatory Investment Value calculation		
27	System Fixed Assets: regulatory value at end of Previous Year	117,405	from AVI
28	Non-System Fixed Assets: regulatory value at end of Previous Year	3,223	from AVI
29	Finance During Construction Allowance (on System Fixed assets)	2,876	2.45%
30	Total Regulatory Asset Base value at beginning of Current Financial Year	123,504	
31			
32	plus System Fixed Assets Commissioned in Year	4,660	from AVI
33	System Fixed Assets Acquired From (Sold to) a Non-EDB in Year	-	from AVI
34	Non-System Fixed Assets: Asset Additions	410	from AVI
35	Regulatory Asset Base investment in Current Financial Year - total	5,071	
36	Regulatory Asset Base investment in Current Financial Year - average	2,535	
37			
38	plus (minus) where a merger or acquisition has taken place within the year		
39	Adjustment for merger, acquisition or sale to another EDB	-	from AVI
40			
41	Regulatory Investment Value	126,039	to MF2



4.1.3 FS3 - Regulatory Tax Allowance Calculation

REPORT FS3: REGULATORY TAX ALLOWANCE CALCULATION		Electricity Distribution Business: Eastland Network Ltd	
		For Year Ended 2012	
ref			
5			
6			
7			(\$000)
8	Earnings before interest and tax (EBIT)	10,458	from FS1
9			
10	<i>add</i> Total Regulatory Depreciation	4,862	from FS1
11	Other Permanent Differences - not deductible	-	
12	Other Temporary Adjustments - Current Period	336	
13		5,198	
15	<i>less</i> Non Taxable Capital Contributions and Vested Assets	470	
16	Tax Depreciation	5,541	
17	Deductible Discretionary Discounts and Customer Rebates		
18	Deductible Interest	2,934	from row 53
19	Other Permanent Differences - Non Taxable		
20	Other Temporary Adjustments - Prior Period	205	
21		9,150	
22			
23	Regulatory taxable income for Year	6,506	
24			
25	<i>less</i> Tax Losses Available at Start of Year		
26	Net taxable income	6,506	
27			
28	Statutory Tax Rate	28%	
29	Regulatory Tax Allowance	1,822	to FS1

Notes to Regulatory Tax Allowance Calculation

36 **FS3a: Description of adjustments classified as "other"**

37

38 The Electricity Distribution Business is to provide descriptions of items recorded in the four "other" categories above (explanatory

39 notes can be provided in a separate note if necessary).

40

41 Other Temporary Adjustments - Current Period: This is made up of the 2012 provisions for doubtful debts of \$252, employee leave of \$171,335, staff

42 bonuses of \$92,161 and termination gratuities of \$71,801.

43

44 Other Temporary Adjustments - Prior Period: This is made up of the 2011 provisions for doubtful debts of \$36,055, employee leave of \$135,627, and

45 termination gratuities of \$33,571.

48 **FS3b: Financing assumptions (for Deductible Interest and Interest Tax Shield calculation)**

49

50	Standard Debt Leverage Assumption (debt/total assets)	40%	%	
51				
52	Standard Cost of Debt Assumption	5.82%	%	
53				
54	Deductible Interest	2,934	\$000	to row 18
55				
56	Interest Tax Shield Adjustment	822	\$000	to MF2

4.2 Asset Valuation

4.2.1 AV1 - Annual Regulatory Valuation Roll-Forward Report

REPORT AV1: ANNUAL REGULATORY VALUATION ROLL-FORWARD REPORT									
ref	Electricity Distribution Business: Eastland Network Ltd								
5								For Year Ended	2012
6								Year of most recent ODV	2004
7									
8									
9								(\$'000)	
10		ODV/Year	ODV/Year	ODV/Year	ODV/Year	ODV/Year	ODV/Year	ODV/Year	
11		+1	+2	+3	+4	+5	+6	+7	
12	For Year Ending	2005	2006	2007	2008	2009	2010	2011	2012
11	System Fixed Assets								
12	Regulatory Value at End of Previous Year*	86,184	90,568	97,605	101,081	103,074	109,261	112,186	117,405
13	plus								
14	Assets Commissioned	5,763	8,199	4,998	1,815	5,898	4,747	5,122	4,680
15	Gross Value of Vested Assets				678	1,158	136	1,234	508
16	Assets Acquired from (Sold to) a Non-EDB								
17	Asset Additions	5,763	8,199	4,998	2,493	7,056	4,883	6,356	5,168
18	plus								
19	Indexed Revaluation	2,322	3,041	2,477	3,403	3,061	2,236	5,011	1,844
20	less								
21	Depreciation of System Fixed Assets	3,365	3,515	3,634	3,773	3,915	3,955	4,136	4,197
22	Regulatory Value of Assets Decommissioned	336	687	365	130	15	239	404	395
23	Regulatory Depreciation (incl. value of assets decommissioned)	3,701	4,202	4,000	3,903	3,930	4,194	4,540	4,593
24	plus (minus)								
25	Acquisition of System Fixed Assets from another EDB	-	-	-	-	-	-	-	-
26	less Sale of System Fixed Assets to another EDB	-	-	-	-	-	-	-	-
27	Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB	-	-	-	-	-	-	-	-
28	plus (minus)								
29	Net Increase (Decrease) Due to Changes in Asset Register Information							(1,605)	
30									
31									
32									
33	Regulatory Value of System Fixed Assets at Year End	90,568	97,606	101,081	103,074	109,261	112,186	117,405	119,824
34									
35	Non-System Fixed Assets								
36	Regulatory value at end of previous year	2,835	2,698	2,670	2,564	2,424	2,579	3,025	3,223
37	plus								
38	Asset Additions	151	359	229	19	355	329	512	410
39	plus Revaluations	30	(32)	-	107	-	303	-	-
40	less Depreciation (incl. value of assets decommissioned)	318	355	335	266	200	186	314	269
41	plus Net Acquisitions (Sales) of Non-System Fixed Assets from (to) an EDB	-	-	-	-	-	-	-	-
42	Regulatory Value of Non-System Fixed Assets at Year end	2,698	2,670	2,564	2,424	2,579	3,025	3,223	3,364
43									
44									
45	Total Regulatory Asset Base Value (excluding FDC)	93,266	100,276	103,645	105,498	111,840	115,211	120,628	123,188
46									
47									
48	* The commencing figure for completing this schedule is the most recent ODV value								
49	Note: Additional columns to be added if required								

Notes to Annual Regulatory Valuation Roll-forward Report

AV1a: Calculation of Revaluation Rate and Indexed Revaluation of System Fixed Assets									
57	CPI as at date of ODV 922								
58									
59									
60	For Year Ended	2005	2006	2007	2008	2009	2010	2011	2012
61	CPI at CPI reference date	963	985	1010	1044	1075	1097	1146	1164
62	Revaluation Rate	2.69%	3.36%	2.54%	3.37%	2.97%	2.06%	4.47%	1.57%
63									
64	System Fixed Assets: Regulatory Value at End of Previous Year	86,184	90,568	97,605	101,081	103,074	109,261	112,186	117,405
65	Indexed Revaluation of System Fixed Assets	2,322	3,041	2,477	3,403	3,061	2,236	5,011	1,844
									to FSI, AV1
68	AV1b: Input for prior year Acquisitions (Sales) of Assets to (from) another EDB								
69									(\$'000)
70	For Year Ended	2005	2006	2007	2008	2009	2010	2011	2012
71	Acquisition of System Fixed Assets from another EDB								
72	Sale of System Fixed Assets to another EDB								
73	Net Acquisitions (Sales) of Non-System Fixed Assets from (to) an EDB								

4.2.2 AV2 Regulatory Valuation Disclosure by Asset Class

REPORT AV2: REGULATORY VALUATION DISCLOSURE BY ASSET CLASS
(for System Fixed Assets)

Electricity Distribution Business: **Eastland Network**
For Year Ended: **2012**

ref	Subtotals by Asset Class (for System Fixed Assets)							Total for System Fixed Assets (\$000)		
	Subtransmission	Zone Substations	Distribution & LV Lines	Distribution & LV Cables	Distribution Substations and Tra	Distribution Switchgear	Other System Fixed Assets	(per AV1)		
11	System Fixed Assets									
12										
13	Regulatory Value of System Fixed Assets (as per most recent ODV)	7,245	7,441	33,068	14,657	13,124	7,747	2,902	86,184	from AV1
14										
15	Cumulative roll-forward since most recent ODV:									
16	Asset Additions								44,916	from AV1
17	Indexed Revaluation (of System Fixed Assets)								23,395	from AV1
18	less Regulatory Depreciation (of System Fixed Assets)								33,053	from AV1
19	Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB								-	from AV1
20	Net Increase (Decrease) Due to Changes in Asset Register Information								(1,608)	from AV1
21	Regulatory Value of System Fixed Assets at Year End								119,824	from AV1



4.2.3 AV3 - System Fixed Assets Replacement Cost Roll-Forward Report

REPORT AV3: SYSTEM FIXED ASSETS REPLACEMENT COST ROLL-FORWARD REPORT

ref	Electricity Distribution Business:	Eastland Network Ltd	
5		For Year Ended	2012
6	System Fixed Assets - Replacement Cost		
7		(\$'000)	
8	Replacement cost at end of previous year	259,623	
9			
10	Asset Additions	5,168	AV3a
11	Indexed Revaluation (of System Fixed Assets)	4,078	
12	less Replacement Cost of Assets Decommissioned	1,817	
13	Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB	-	from AV4
14	Net Increase (Decrease) Due to Changes in Asset Register Information		
15	Replacement cost of System Fixed Assets at year end	267,052	
16			
17			
18	System Fixed Assets - Depreciated Replacement Cost		
19			
20	Depreciated Replacement Cost at end of previous year	117,405	
21			
22	Asset Additions	5,168	AV3a
23	Indexed Revaluation (of System Fixed Assets)	1,844	
24	less Depreciation of Replacement Cost	4,197	
25	less Depreciated Replacement Cost of Assets Decommissioned	396	
26	Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB	-	from AV4
27	Net Increase (Decrease) Due to Changes in Asset Register Information		
28	Depreciated replacement cost of System Fixed Assets at year end	119,824	

REPORT AV3: SYSTEM FIXED ASSETS REPLACEMENT COST ROLL-FORWARD REPORT (cont)

Notes to Price and Quality Measures

36	AV3a: New Asset Additions		
37			
38	Asset Additions - Depreciated Replacement Cost	5,168	from AV1
39	plus Difference in Replacement Cost and Depreciated Replacement Cost values of Asset Additions		
40			
41	Asset Additions - Replacement Cost	5,168	
42			

4.2.4 AV4 - Business Merger, Acquisition or Sale – Regulatory Asset Base Disclosure

REPORT AV4: BUSINESS MERGER, ACQUISITION OR SALE - REGULATORY ASSET BASE DISCLOSURE

Electricity Distribution Business: Eastland Network Ltd

6 Disclosure required? (YES or NIL DISCLOSURE): NO DISCLOSURE REQUIRED

7

8 As at (date):

9 Proportion of year following transfer of assets: 0%

10

11

12 **PART 1: Most recent ODV valuation of System Fixed Assets transferred** (\$000)

	Subtransmission	Zone substations	Distribution & LV Lines	Distribution & LV Cables	Distribution substations and transformers	Distribution switchgear	Other System Fixed Assets	Total for System Fixed Assets
13 Replacement Cost (RC)								-
14								
15 less Depreciation								-
16 Depreciated Replacement Cost (DRC)	-	-	-	-	-	-	-	-
17								
18 less Optimisation adjustment								-
19 Optimised Depreciated Replacement Cost (ODRC)	-	-	-	-	-	-	-	-
20								
21 less Economic Value Adjustment (EVA)								-
22 Most recent ODV value	-	-	-	-	-	-	-	-
23								
24								
25								

26 **PART 2: Valuation disclosure for transferred assets by Asset Class (at transfer date)** (\$000)

	Total for System Fixed Assets	Non-System Fixed Assets	Total RAB value (excl. FDC)
27 Regulatory Value of System Fixed Assets (as per most recent ODV)	-		
28			
29 Cumulative roll-forward since most recent ODV:			
30 Asset Additions			
31 Indexed Revaluation (of System Fixed Assets)			
32 less Regulatory Depreciation (of System Fixed Assets)			
33 Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB			
34 Net Increase (Decrease) due to Changes in Asset Register Information			
35 RAB Value of Transferred Assets at Transfer Date	-		-
36			
37 Acquisition of Assets from Another EDB	-	-	to AV1
38 Sale of Assets to Another EDB	-	-	to AV1
39			
40			
41 RAB Value of Transferred Assets at Transfer Date	-		
42 "p" factor (proportion of year following transfer of assets)	0%		
43 Adjustment for merger, acquisition or sale to another EDB		-	to FS2
44			
45			
46			

47 **PART 3: Rolled-forward Replacement Cost values for System Fixed Assets transferred** (\$000)

	RC & DRC values of System Fixed Assets at transfer date	RAB value of acquired/(sold) assets	
48 Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB - RC		-	to AV3
49 Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB - DRC		-	to AV3
50			
51			
52 Signed by:	Selling Entity		
53			
54	Acquiring Entity		
55			
56			
57			



4.3 Network Performance

4.3.1 MP1 - Network Information – Total Business



REPORT MPI1: NETWORK INFORMATION

(Separate report required for each Non-Contiguous Network)

ref	Electricity Distribution Business:	Eastland Network Ltd
6		For Year Ended: 2012
7	Network Name:	Eastland Network Limited - Total Business (enter "Total Business" or name of network)
9	Disclosure:	Annual Disclosure - Requirement 6(1)
10	Circuit Length by Operating Line Voltage (at year end)	
11		Overhead (km) Underground (km) Total (km)
12	> 66kV	- - -
13	50kV & 66kV	300 1 301
14	33kV	34 0 34
15	SWER (all SWER voltages)	1 - 1
16	22kV (other than SWER)	- - -
17	6.6kV to 11kV (inclusive - other than SWER)	2,400 134 2,534
18	Low Voltage (< 1kV)	536 250 786
19	Total circuit length (for Supply)	3,261 385 3,646 to MF2
20	Dedicated Street Lighting Circuit Length	13 8 20
21		
22	Overhead Circuit Length by Terrain (at year end)	(km) (%)
23	Urban (only)	194 6%
24	Rural (only)	1,723 53%
25	Remote (only)	378 12%
26	Rugged (only)	4 0%
27	Rural & rugged (only)	663 21%
28	Remote & rugged (only)	269 8%
29	Unallocated overhead lines	- 0%
30	Total overhead length	3,261 100%
31		
32		
33		
34	Transformer capacity (at year end)	
35	Distribution Transformer Capacity (EDB Owned)	214 MVA
36	Distribution Transformer Capacity (Non-EDB Owned, Estimated)	32 MVA
37	Total Distribution Transformer Capacity	246 MVA (to MF2) Previous Year 211
38		
39	Zone Substation Transformer Capacity	157 MVA
40		
41	System Fixed Assets age (at year end)	
42	Average Age of System Fixed Assets	28 Years
43	Average Expected Total Life of System Fixed Assets	50 Years
44	Average Age as a Proportion of Average Expected Total Life	55%
45		
46	Estimated Proportion of Assets (by Replacement Cost) within 10 years of Total Life	33%
47		
48		
49		
50		
51	Electricity demand	
52		Maximum coincident system demand (MVA) Non-coincident demands (MVA) Sum of maximum demands (MVA)
53	GXP Demand	52 - 52
54	plus Embedded Generation Output at HV and Above	5 - 5
55	Maximum System Demand	57
56	less Net Transfers to (from) Other EDBs at HV and Above	- - -
57	Demand on system for supply to customers' Connection Points	57
58	less Subtransmission Customers' Connection Point Demand	- - -
59	Maximum Distribution Transformer Demand	57 to MF2
60		
61	GXP Demand not Supplied at Subtransmission Level	5 - 5
62	Embedded Generation Output - Connected to Subtransmission System	- - -
63	Net Transfers to (from) Other EDBs at Subtransmission Level Only	- - -
64		
65	Estimated Controlled Load Shed at Time of Maximum System Demand (MW)	4
66		
67	Five-Year System Maximum Demand Growth Forecast	1.1 %pa
68		
69	Electricity volumes carried	(GWh)
70	Electricity Supplied from GXPs	291
71	less Electricity Exports to GXPs	-
72	plus Electricity Supplied from Embedded Generators	15
73	less Net Electricity Supplied to (from) Other EDBs	-
74	Electricity entering system for supply to customers' Connection Points	306
75	less Electricity Supplied to Customers' Connection Points	284
76	Electricity Losses (loss ratio)	22 7.3% to MF2
77		
78	Electricity Supplied to Customers' Connection Points	284
79	less Electricity Supplied to Largest 5 Connection Points	49
80	Electricity supplied other than to Largest 5 Connection Points	235 83%
81		
82	Load Factor	61%
83		
84	Number of Connection Points (at year end)	25,667 ICPs to MF2
85		
86	Intensity of service requirements	
87	Demand Density (Maximum Distribution Transformer Demand / Total circuit length)	16 kW/km
88	Volume Density (Electricity Supplied to Customers' Connection Points / Total circuit length)	78 MWh/km
89	Connection Point Density (ICPs / Total circuit length)	7 ICP/km
90	Energy Intensity (Electricity Supplied to Customers' Connection Points / ICP)	11,096 kWh/ICP



4.3.2 MP1 - Network Information – Gisborne



REPORT MPI: NETWORK INFORMATION
(Separate report required for each Non-Contiguous Network)

ref	Electricity Distribution Business:	Eastland Network Ltd
6		For Year Ended: 2012
7	Network Name:	Eastland Network Limited - Gisborne (enter "Total Business" or name of network)
9	Disclosure:	Annual Disclosure - Requirement 6(1)
10	Circuit Length by Operating Line Voltage (at year end)	
11		Overhead (km) Underground (km) Total (km)
12	> 66kV	- - -
13	50kV & 66kV	269 1 269
14	33kV	- - -
15	SWER (all SWER voltages)	- - -
16	22kV (other than SWER)	- - -
17	6.6kV to 11kV (inclusive - other than SWER)	1,717 116 1,833
18	Low Voltages (< 1kV)	300 202 502
19	Total circuit length (for Supply)	2,376 319 2,695
20		
21	Dedicated Street Lighting Circuit Length	12 7 20
22		
23	Overhead Circuit Length by Terrain (at year end)	
24		(km) (%)
25	Urban (only)	171 7%
26	Rural (only)	1,369 57%
27	Remote (only)	296 12%
28	Rugged (only)	4 0%
29	Rural & rugged (only)	433 18%
30	Remote & rugged (only)	111 5%
31	Unallocated overhead lines	- 0%
32	Total overhead length	2,376 100%
33		Error (Row19)
34	Transformer capacity (at year end)	
35	Distribution Transformer Capacity (EDB Owned)	173 MVA
36	Distribution Transformer Capacity (Non-EDB Owned, Estimated)	23 MVA
37	Total Distribution Transformer Capacity	196 MVA (to MP2)
38		
39	Zone Substation Transformer Capacity	154 MVA
40		
41	System Fixed Assets age (at year end)	
42	Average Age of System Fixed Assets	27 Years
43	Average Expected Total Life of System Fixed Assets	50 Years
44	Average Age as a Proportion of Average Expected Total Life	54%
45		
46	Estimated Proportion of Assets (by Replacement Cost) within 10 years of Total Life	32%
47		
48		
49		
50		
51	Electricity demand	
52		Maximum coincident system demand (MVA) Non-coincident Sum of maximum demands (MVA)
53	GXP Demand	42 42
54	plus Embedded Generation Output at HV and Above	4
55	Maximum System Demand	46
56	less Net Transfers to (from) Other EDBs at HV and Above	-
57	Demand on system for supply to customers' Connection Points	46
58	less Subtransmission Customers' Connection Point Demand	-
59	Maximum Distribution Transformer Demand	46
60		
61	GXP Demand not Supplied at Subtransmission Level	-
62	Embedded Generation Output - Connected to Subtransmission System	-
63	Net Transfers to (from) Other EDBs at Subtransmission Level Only	-
64		
65	Estimated Controlled Load Shed at Time of Maximum System Demand (MVA)	3
66		
67	Five-Year System Maximum Demand Growth Forecast	1.0%pa
68		
69	Electricity volumes carried	
70		(GWh)
71	Electricity Supplied from GXPs	246
72	less Electricity Exports to GXPs	-
73	plus Electricity Supplied from Embedded Generators	5
74	less Net Electricity Supplied to (from) Other EDBs	-
75	Electricity entering system for supply to customers' Connection Points	251
76	less Electricity Supplied to Customers' Connection Points	233
77	Electricity Losses (loss ratio)	18 7.1%
78		
79	Electricity Supplied to Customers' Connection Points	233
80	less Electricity Supplied to Largest 5 Connection Points	39
81	Electricity supplied other than to Largest 5 Connection Points	194 83%
82		
83	Load Factor	62%
84		
85	Number of Connection Points (at year end)	20,727 ICPS
86		
87	Intensity of service requirements	
88	Demand Density (Maximum Distribution Transformer Demand / Total circuit length)	17 kW/km
89	Volume Density (Electricity Supplied to Customers' Connection Points / Total circuit length)	86 MWh/km
90	Connection Point Density (ICPs / Total circuit length)	8 ICP/km
91	Energy Intensity (Electricity Supplied to Customers' Connection Points / ICP)	11,244 kWh/ICP



4.3.3 MP1 - Network Information - Wairoa



REPORT MP1: NETWORK INFORMATION

(Separate report required for each Non-Contiguous Network)

ref	Electricity Distribution Business:	Eastland Network Ltd		
6		For Year Ended 2012		
7	Network Name:	Eastland Network Limited - Wairoa (enter "Total Business" or name of network)		
9	Disclosure:	Annual Disclosure - Requirement 6(1)		
10	Circuit Length by Operating Line Voltage (at year end)	Overhead (km)	Underground (km)	Total (km)
11	> 66kV	-	-	-
12	50kV & 66kV	32	-	32
13	33kV	34	0	34
14	SWER (all SWER voltages)	1	-	1
15	22kV (other than SWER)	-	-	-
16	6.6kV to 11kV (inclusive - other than SWER)	633	18	701
17	Low Voltage (< 1kV)	136	48	184
18	Total circuit length (for Supply)	887	66	952
19				to MF2
20	Dedicated Street Lighting Circuit Length	0	0	1
21				
22	Overhead Circuit Length by Terrain (at year end)	(km)	(%)	
23	Urban (only)	23	3%	
24	Rural (only)	364	41%	
25	Remote (only)	82	9%	
26	Rugged (only)	-	0%	
27	Rural & rugged (only)	230	23%	
28	Remote & rugged (only)	158	18%	
29	Unallocated overhead lines	-	0%	
30	Total overhead length	887	100%	
31				
32				
33				
34	Transformer capacity (at year end)			Previous Year
35	Distribution Transformer Capacity (EDB Owned)	40 MVA		42
36	Distribution Transformer Capacity (Non-EDB Owned, Estimated)	10 MVA		11
37	Total Distribution Transformer Capacity	50 MVA (to MF2)		53
38				
39	Zone Substation Transformer Capacity	3 MVA		3
40				
41	System Fixed Assets age (at year end)			
42	Average Age of System Fixed Assets	31 Years		
43	Average Expected Total Life of System Fixed Assets	50 Years		
44	Average Age as a Proportion of Average Expected Total Life	61% %		
45				
46	Estimated Proportion of Assets (by Replacement Cost) within 10 years of Total Life	40% %		
47				
48				
49				
50				
51	Electricity demand	Maximum coincident system demand (MW)	Non-coincident Sum of maximum demands (MW)	
52	GXP Demand	9	10	
53	plus Embedded Generation Output at HV and Above	2	-	
54	Maximum System Demand	11		
55	less Net Transfers to (from) Other EDBs at HV and Above	-	-	
56	Demand on system for supply to customers' Connection Points	11		
57	less Subtransmission Customers' Connection Point Demand	-	-	
58	Maximum Distribution Transformer Demand	11		to MF2
59				
60	GXP Demand not Supplied at Subtransmission Level	2	-	
61	Embedded Generation Output - Connected to Subtransmission System	-	-	
62	Net Transfers to (from) Other EDBs at Subtransmission Level Only	-	-	
63				
64	Estimated Controlled Load Shed at Time of Maximum System Demand (MW)	-		
65				
66	Five-Year System Maximum Demand Growth Forecast		0.1 %pa	
67				
68				
69	Electricity volumes carried	(GWh)		
70	Electricity Supplied from GXPs	45		
71	less Electricity Exports to GXPs	-		
72	plus Electricity Supplied from Embedded Generators	10		
73	less Net Electricity Supplied to (from) Other EDBs	-		
74	Electricity entering system for supply to customers' Connection Points	55		
75	less Electricity Supplied to Customers' Connection Points	51		to MF2
76	Electricity Losses (Loss ratio)	4	8.0% %	
77				
78	Electricity Supplied to Customers' Connection Points	51		
79	less Electricity Supplied to Largest 5 Connection Points	15		
80	Electricity supplied other than to Largest 5 Connection Points	36	70% %	
81				
82	Load Factor	67% %		
83				
84	Number of Connection Points (at year end)	4,840 ICs		to MF2
85				
86	Intensity of service requirements			
87	Demand Density (Maximum Distribution Transformer Demand / Total circuit length)	12 kW/km		
88	Volume Density (Electricity Supplied to Customers' Connection Points / Total circuit length)	53 MWh/km		
89	Connection Point Density (ICPs / Total circuit length)	5 IC/km		
90	Energy Intensity (Electricity Supplied to Customers' Connection Points / ICP)	10,459 kWh/ICP		



4.3.4 MP2 - Performance Measures

REPORT MP2: PERFORMANCE MEASURES						
		Electricity Distribution Business: Eastland Network Ltd				
		For Year Ended: 2012				
Performance comparators		Previous Years:			Current Financial Year	
		Current Yr - 3	Current Yr - 2	Current Yr - 1		
9	Operational expenditure ratio					
10	<i>Total Operational Expenditure</i>	6	6	6	6 \$m	from FS1
11	<i>Replacement Cost of System Fixed Assets (at year end*)</i>	243	250	280	257 \$m	from AV3
12	Ratio (%)	2.52%	2.34%	2.24%	2.28%	
14	Capital expenditure ratio					
15	<i>Total Capital Expenditure on System Fixed Assets</i>	4	5	5	5 \$m	from FS2
16	<i>Replacement Cost of System Fixed Assets (at year end*)</i>	243	250	280	257 \$m	from AV3
17	Ratio (%)	1.80%	1.87%	1.77%	1.80%	
19	Capital expenditure growth ratio					
20	<i>Capital Expenditure: Customer Connection and System Growth</i>		1	1	1 \$m	from FS2
21	<i>Change in Total Distribution Transformer Capacity</i>	7	3	3	4 MVA	from MP1
22	\$/kVA	-	215	229	168 \$/kVA	
24	Renewal expenditure ratio					
25	<i>Capital & Operational Expenditure: Asset Replacement, Refurbishment and Renewal</i>		4	4	4 \$m	from FS1 & 2
26	<i>Regulatory Depreciation of System Fixed Assets</i>	4	4	5	5 \$m	from AV1
27	Ratio (%)	0%	99%	87%	90%	
28	Distribution Transformer Capacity Utilisation					
30	<i>Maximum Distribution Transformer Demand</i>	56	57	56	57 MW	from MP1
31	<i>Total Distribution Transformer Capacity (at year end*)</i>	236	239	242	246 kVA	from MP1
32	Ratio (%)	23.7%	23.7%	23.3%	23.1%	
34	Return on Investment					
35	<i>Regulatory Profit / Loss (pre-financing and distributions)</i>	11	10	14	10 \$m	from FS1
36	<i>less Interest Tax Shield Adjustment</i>	1	1	1	1 \$m	from FS3
37	<i>Adjusted Regulatory Profit</i>	10	10	13	10 \$m	
38	<i>Regulatory Investment Value</i>	111	117	121	126 \$m	from FS2
39	Ratio (%)	9.01%	8.16%	11.03%	7.66%	
40	<small>* If a Merger or Asset Transfer with another EDB was entered into during the year, the denominators are calculated as time-weighted averages.</small>					
42	Expenditure comparison table					
43	Expenditure metrics (\$ per):					
45		Total circuit length (for Supply)	Electricity Supplied to Customers' Connection Points	Maximum coincident system demand	Connection Point	Distribution Transformer Capacity (EDB-Owned)
46		(\$/km)	(\$/MVAh)	(\$/MVA)	(\$/CP)	(\$/MVA)
47	Capital Expenditure (\$ per)	1,431	18	91,729	204	24,408
48	Operational Expenditure (\$ per)	1,655	21	106,130	236	23,240
49						from FS2 & MP1
						from FS1 & MP1

Note:

1. Previous year information has been extracted from previous Information Disclosure FY 2010/11, i.e. data for the year 2008/2009 have been calculated with the approach as defined in the Original Requirements. In previous years, no differentiation between "EDB-owned" and "Non-EDB-owned" transformer capacity was made.
2. Current Financial Year information for the line items called "Operational Expenditure Ratio", "Capital Expenditure Ratio", "Return on Investment", "Capital Expenditure Growth Ratio", and "Renewal Expenditure Growth Ratio" is automatically generated in the templates.

4.3.5 MP3 - Price and Quality Measures – Total Business

REPORT MP3: PRICE & QUALITY MEASURES
(Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Eastland Network Ltd**
For Year Ended: **2012**

Network Name: **Eastland Network Limited - Total Business**
Disclosure: **Annual Disclosure - Requirement 6(1)**

QUALITY

Interruptions

Interruptions by class

Class A	1	planned interruptions by Transpower
Class B	210	planned interruptions on the network
Class C	294	unplanned interruptions on the network
Class D	3	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	-	unplanned interruptions of generation (non-network)
Class G	7	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	515	Total of above

Interruption targets for Forecast Year

Class B	2013	Current Financial Year +1
Class C	250	unplanned interruptions on the network

Average interruption targets for 5 Forecast Years

Class B	2013-2017	Current Financial Year +1 to +5
Class C	250	unplanned interruptions on the network

Class C interruptions restored within

<3hrs	>3hrs
161	133

Faults

Faults per 100 circuit kilometres

The total number of faults for Current Financial Year	10.24	in year	2012
The total number of faults forecast for the Forecast Year	11.30	in year	2013
The average annual number of faults forecast for the 5 Forecast Years	11.30	average over years	2013-2017

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWER		23kV non-SWER		33kV		50kV & 66kV		>66kV	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Is this voltage part of the EDB system?										
Current Financial Year	11.24	-	-	-	8.72	-	1.98	-	-	-
Forecast Year	12.25	-	-	-	5.81	-	3.64	-	-	-
Average annual for 5 Forecast Years	12.25	-	-	-	5.81	-	3.64	-	-	-

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWER		23kV non-SWER		33kV		50kV & 66kV		>66kV	
	Underground	Overhead	Underground	Overhead	Underground	Overhead	Underground	Overhead	Underground	Overhead
Underground	5.24	-	-	-	-	-	-	-	-	-
Overhead	11.58	-	-	-	8.74	-	2.00	-	-	-

Reliability

Overall reliability

Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
	437.60	4.48	97.53

Reliability by interruption class

Class B	SAIDI	SAIFI	CAIDI
Class C	278.99	2.86	97.49

Targets for Forecast Year

Class B	SAIDI	SAIFI	CAIDI
Class C	242.00	3.80	63.68

Average targets for 5 Forecast Years

Class B	SAIDI	SAIFI	CAIDI
Class C	242.00	3.80	63.68

PRICES

Price information by Connection Point Class

	Connection Point Class					Total	
	Small Connection Points	Medium Connection Points	Large Connection Points	Largest 5 Connection Points			
Gross line charge income (\$000)	23,851	2,276	2,355	1,788	30,250	from FSI	
Electricity Supplied to Customers' Connection Points (MWh)	163,504	25,314	42,528	49,339	283,695	from MPI	
Number of Connection Points (ICPs) at year end	25,107	340	115	5	25,567	from MPI	
Unit Price (cents/kWh)	14.3	9.0	5.5	3.6	10.7		
Relative Unit Price Index	1.00	0.63	0.39	0.25	0.74		



REPORT MP3: PRICE AND QUALITY (cont)

Notes to Price and Quality Measures

89	MP3a: Connection Point Class breakpoints	
90		
91	Connection Point Class breakpoints methodology	KVA based breakpoints
92		
93	KVA based breakpoints - additional disclosure	
94	Breakpoint between small and medium classes	25 KVA
95	Breakpoint between large and medium classes	69 KVA
96		

4.3.6 MP3 - Price and Quality Measures – Gisborne



REPORT MP3: PRICE & QUALITY MEASURES

(Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Eastland Network Ltd**
For Year Ended: **2012**

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Network Name: **Eastland Network Limited - Gisborne**
Disclosure: **Annual Disclosure - Requirement 6(1)**

QUALITY

Interruptions

Interruptions by class

Class A	-	planned interruptions by Transpower.
Class B	198	planned interruptions on the network
Class C	200	unplanned interruptions on the network
Class D	2	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	-	unplanned interruptions of generation (non-network)
Class G	5	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	405	Total of above

Interruption targets for Forecast Year

Class B	2013	Current Financial Year +1
Class C	100	planned interruptions on the network
	180	unplanned interruptions on the network

Average interruption targets for 5 Forecast Years

Class B	2013-2017	Current Financial Year +1 to +5
Class C	100	planned interruptions on the network
	180	unplanned interruptions on the network

Class C interruptions restored within

	<=3hrs	>3hrs
	112	88

Faults

Faults per 100 circuit kilometres

The total number of faults for Current Financial Year	9.51	in year	2012
The total number of faults forecast for the Forecast Year	11.30	in year	2013
The average annual number of faults forecast for the 5 Forecast Years	11.30	average over years	2013-2017

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR	SWGR	33kV	50kV & 66kV	>66kV
	Yes	Nb	Nb	Nb	Nb	Yes	Nb
Is this voltage part of the EDB system?							
Current Financial Year	10.58					2.22	
Forecast Year	12.41					3.71	
Average annual for 5 Forecast Years	12.41					3.71	

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR	SWGR	33kV	50kV & 66kV	>66kV
	Underground	Overhead					
Underground	6.03					-	
Overhead	10.89					2.24	

Reliability

Overall reliability

Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
	379.40	4.50	83.40

Reliability by interruption class

Class B	SAIDI	SAIFI	CAIDI
Class C	137.75	0.66	209.80
	201.04	2.60	77.27

Targets for Forecast Year

Class B	SAIDI	SAIFI	CAIDI
Class C	30.00	0.30	100.00
	237.00	3.80	62.30

Average targets for 5 Forecast Years

Class B	SAIDI	SAIFI	CAIDI
Class C	30.00	0.30	100.00
	237.00	3.80	62.30

PRICES

Price information by Connection Point Class

	Connection Point Class					Total	
	Small Connection Points	Medium Connection Points	Large Connection Points	Largest 5 Connection Points			
Gross line charge income (\$'000)	19,407	1,992	1,893	1,402	24,694		
Electricity Supplied to Customers' Connection Points (MWh)	138,016	22,161	33,401	39,486	233,064	from MP1	
Number of Connection Points (ICPs) at year end	20,322	302	98	5	20,727	from MP1	
Unit Price (cents/kWh)	14.1	9.0	5.7	3.6	10.6		
Relative Unit Price Index	1.00	0.64	0.40	0.25	0.75		



REPORT MP3: PRICE AND QUALITY (cont)

Notes to Price and Quality Measures

89	MP3a: Connection Point Class breakpoints	
90		
91	Connection Point Class breakpoints methodology	KVA based breakpoints
92		
93	KVA based breakpoints - additional disclosure	
94	Breakpoint between small and medium classes	25 KVA
95	Breakpoint between large and medium classes	69 KVA
96		



4.3.7 MP3 – Price and Quality Measures - Wairoa



REPORT MP3: PRICE & QUALITY MEASURES
(Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Eastland Network Limited**

For Year Ended: **2012**

Network Name: **Eastland Network Limited - Waeroa**
Disclosure: **Annual Disclosure - Requirement 6(1)**

QUALITY

Interruptions

Interruptions by class

Class A	1	planned interruptions by Transpower
Class B	12	planned interruptions on the network
Class C	94	unplanned interruptions on the network
Class D	1	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	-	unplanned interruptions of generation (non-network)
Class G	2	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	110	Total of above

Interruption targets for Forecast Year

Class B	2013	Current Financial Year +1	30	planned interruptions on the network
Class C	2013	Current Financial Year +1	70	unplanned interruptions on the network

Average interruption targets for 5 Forecast Years

Class B	2013-2017	Current Financial Year +1 to +5	30	planned interruptions on the network
Class C	2013-2017	Current Financial Year +1 to +5	70	unplanned interruptions on the network

Class C interruptions restored within

<3hrs	>3hrs
49	45

Faults

Faults per 100 circuit kilometres

The total number of faults for Current Financial Year	12.23	in year	2012
The total number of faults forecast for the Forecast Year	11.20	in year	2013
The average annual number of faults forecast for the 5 Forecast Years	11.20	average over years	2013-2017

Fault information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWER		22kV non-SWER		33kV		50kV & 66kV		>66kV	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Is this voltage part of the EDB system?										
Current Financial Year	12.98		-		8.72		-		-	
Forecast Year	11.83		-		5.82		3.09		-	
Average annual for 5 Forecast Years	11.83		-		5.82		3.09		-	

Fault information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWER		22kV non-SWER		33kV		50kV & 66kV		>66kV	
	Underground	Overhead	Underground	Overhead	Underground	Overhead	Underground	Overhead	Underground	Overhead
Underground										
Overhead	13.30		-		8.74		-		-	

Reliability

Overall reliability

Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
	693.80	4.22	162.40

Reliability by interruption class

Class B	SAIDI	SAIFI	CAIDI
Class C	611.74	3.97	154.09

Targets for Forecast Year

Class B	SAIDI	SAIFI	CAIDI
Class C	400.00	4.60	86.95

Average targets for 5 Forecast Years

Class B	SAIDI	SAIFI	CAIDI
Class C	400.00	4.60	86.95

PRICES

Price information by Connection Point Class

	Connection Point Class					Total	
	Small Connection Points	Medium Connection Points	Large Connection Points	Largest 5 Connection Points			
Gross line charge income (\$'000)	4,444	234	238	590	5,566		
Electricity Supplied to Customers' Connection Points (MWh)	28,488	3,153	4,020	14,930	50,621	from MPI	
Number of Connection Points (ICPs) at year end	4,785	38	12	5	4,840	from MPI	
Unit Price (cents/kWh)	15.6	9.0	5.9	3.9	11.0		
Relative Unit Price Index	1.00	0.58	0.38	0.25	0.70		



REPORT MP3: PRICE AND QUALITY (cont)

Notes to Price and Quality Measures

89	MP3a: Connection Point Class breakpoints	
90		
91	Connection Point Class breakpoints methodology	kVA based breakpoints
92		
93	kVA based breakpoints - additional disclosure	
94	Breakpoint between small and medium classes	25 kVA
95	Breakpoint between large and medium classes	69 kVA
96		

4.4 Asset Maintenance and Expenditure

4.4.1 AM1- Expenditure Forecasts and Reconciliation

REPORT AM1: EXPENDITURE FORECASTS AND RECONCILIATION							
Electricity Distribution Business: Eastland Network							
For Year Ended 2012							
(\$000)							
A) Five year forecasts of expenditure							
<i>From most recent Asset Management Plan</i>							
		Forecast Years					
	Actual for Current Financial Year	year 1	year 2	year 3	year 4	year 5	
	for year ended 2012	2013	2014	2015	2016	2017	
Capital Expenditure: Customer Connection	65	95	95	95	95	95	from FS2
Capital Expenditure: System Growth	561	1,027	1,299	1,027	1,274	1,384	from FS2
Capital Expenditure: Reliability, Safety and Environment	176	231	137	163	95	436	from FS2
Capital Expenditure: Asset Replacement and Renewal	3,971	4,463	4,426	4,657	4,489	4,657	from FS2
Capital Expenditure: Asset Relocations	33	53	53	53	53	53	from FS2
Subtotal - Capital Expenditure on asset management	4,806	5,867	5,969	6,004	6,004	6,634	
Operational Expenditure: Routine and Preventative Maintenance	1,232	1,557	1,557	1,537	1,557	1,557	from FS1
Operational Expenditure: Refurbishment and Renewal Maintenance	159	290	290	290	290	290	from FS1
Operational Expenditure: Fault and Emergency Maintenance	1,019	1,037	1,037	1,037	1,037	1,037	from FS1
Subtotal - Operational Expenditure on asset management	2,460	2,884	2,884	2,884	2,884	2,884	
Total direct expenditure on distribution network	7,266	8,751	8,882	8,888	8,888	9,518	
Overhead to Underground Conversion Expenditure	159	158	158	158	158	158	
<i>The Electricity Distribution Business is to provide the amount of Overhead to Underground Conversion Expenditure included in each of the above Expenditure Categories (explanatory notes can be provided in a separate note if necessary).</i>		<i>Overhead to Underground Conversion Expenditure has been budgeted in its entirety within the "Capital Expenditure: Asset Replacement & Renewal" budget. Capex values include 5% design and management allocation. Forecast values from AMP 1 April 2012.</i>					
B) Variance between Previous Forecast for the Current Financial Year, and Actual Expenditure							
	Actual for Current Financial Year (a)	Previous forecast for Current Financial Year (b)	% Variance (a)/(b)-1				
Capital Expenditure: Customer Connection	65	95	-31.2%	from row 10			
Capital Expenditure: System Growth	561	1,079	-48.0%	from row 11			
Capital Expenditure: Reliability, Safety and Environment	176	153	11.7%	from row 12			
Capital Expenditure: Asset Replacement and Renewal	3,971	4,207	-5.6%	from row 13			
Capital Expenditure: Asset Relocations	33	53	-37.1%	from row 14			
Subtotal - Capital Expenditure on asset management	4,806	5,691	-14.0%				
Operational Expenditure: Routine and Preventative Maintenance	1,232	1,557	-18.2%	from row 17			
Operational Expenditure: Refurbishment and Renewal Maintenance	159	290	-43.3%	from row 18			
Operational Expenditure: Fault and Emergency Maintenance	1,019	1,037	-1.7%	from row 19			
Subtotal - Operational Expenditure on asset management	2,460	2,884	-14.7%				
Total direct expenditure on distribution network	7,266	8,475	-14.3%				
Explanation of variances							
<i>Distribution Business must provide a brief explanation for any line item variance of more than 10%</i>							
<i>Explanatory notes (can be provided in a separate note if necessary):</i>							
<p>Capital Expenditure: Customer Connection: Less customer connections were required/requested from third parties than forecasted for, which resulted in under-expenditure against budgeted contingency.</p> <p>Capital Expenditure: System Growth: The MHA sub transmission upgrade project (\$450k project cost) was deferred due to unresolved resource consent/assessment issues.</p> <p>Capital Expenditure: Reliability, Safety & Environment: The actual cost of the completed projects was higher than the budgeted costs provided for each project by approximately \$20k.</p> <p>Capital Expenditure: Asset Relocations: The territorial authority requirements for asset relocations, was lower than territorial authority predictions.</p> <p>Operational Expenditure: Routine & Preventative Maintenance: Due to resourcing shortfalls, resources were deployed on Fault & Emergency work, and non-operational critical Routine & Preventative maintenance was deferred - the resources were deployed on higher priority fault work.</p> <p>Operational Expenditure: Refurbishment & Renewal Maintenance: Due to resourcing shortfalls, resources were deployed on Fault & Emergency work, and non-operational critical Refurbishment & Renewal maintenance was deferred - the resources were deployed on higher priority fault work.</p>							

5 Transitional Provisions

Requirement Part 4 14(7)

	2012	2011	2010	2009	2008
Direct line costs per kilometre	1,033	914	960	804	655
Direct expenditure	3,767,204	3,341,357	3,516,239	2,947,612	2,431,553
System length (km)	3,646	3,654	3,662	3,665	3,654
Indirect line costs per consumer	89	97	91	125	98
Indirect expenditure	2,268,200	2,483,823	2,323,159	3,169,596	2,475,527
Total consumers	25,567	25,514	25,432	25,300	25,196

6 Assumptions and Explanatory Notes

FS1 – 3

Eastland Network has applied the avoidable cost allocation methodology (ACAM) approach for the allocation of costs, assets and liabilities between the regulated business and other activities of Eastland Group; owner of Eastland Network. ACAM has been applied as described in the Electricity Information Disclosure Handbook 31 March 2004.

Eastland Network is treated as a separate regulated standalone business, within Eastland Group.

Costs, Assets, and Liabilities have been allocated on the following basis:

- Direct allocation of all financial statement items which are directly attributable to Eastland Network's operations as electricity lines business.
- For any components of Eastland Group's financial statement items that are not directly attributable, but are deemed non-avoidable to the operations of Eastland Network; the components are allocated by:
 - Assessing the proportions of these items between avoidable and non-avoidable components; and
 - Allocating the non-avoidable components to Eastland Network's regulatory profit statement.

All remaining costs, assets and liabilities not allocated to Eastland Network are allocated to other businesses within the Eastland Group.

AM1: Capital Expenditure by Category Class

Figures relating to the five year forecasts of capital expenditure have been obtained from the most recent Asset Management Plan (AMP), and then uplifted by a 5% overhead allocation which is allocated to all assets when capitalised, under Eastland Group policy.

The figures in the AMP do not factor this overhead allocation in. The effect of this allocation is as follows:

	2011/12		2012/13		2013/14		2014/15		2015/16		2016/17	
	AMP	Incl 5%	AMP	Incl 5%	AMP	Incl 5%	AMP	Incl 5%	AMP	Incl 5%	AMP	Incl 5%
Capital Expenditure												
Customer Connection	90,000	94,500	90,000	94,500	90,000	94,500	90,000	94,500	90,000	94,500	90,000	94,500
System Growth	1,278,000	1,341,900	978,000	1,026,900	1,228,000	1,289,400	978,000	1,026,900	1,213,000	1,273,650	1,318,000	1,383,900
Asset Replacement & Renewal	4,052,000	4,254,600	4,250,000	4,462,500	4,215,000	4,425,750	4,445,000	4,667,250	4,275,000	4,488,750	4,445,000	4,667,250
Reliability, Safety and Environment	160,000	168,000	220,000	231,000	130,000	136,500	155,000	162,750	90,000	94,500	415,000	435,750
Asset Relocations	50,000	52,500	50,000	52,500	50,000	52,500	50,000	52,500	50,000	52,500	50,000	52,500
	5,630,000	5,911,500	5,588,000	5,867,400	5,713,000	5,998,650	5,718,000	6,003,900	5,718,000	6,003,900	6,318,000	6,633,900
Q/H to U/G Conversion Expenditure	150,000	157,500	150,000	157,500	150,000	157,500	150,000	157,500	150,000	157,500	150,000	157,500

7 Auditor's Reports



INDEPENDENT ASSURANCE REPORT

TO THE READERS OF EASTLAND NETWORK LIMITED'S

REPORT FOR THE FINANCIAL YEAR ENDED 31 MARCH 2012 REGARDING EASTLAND NETWORK LIMITED'S COMPLIANCE WITH THE ELECTRICITY DISTRIBUTION (INFORMATION DISCLOSURE) REQUIREMENTS 2008

The Auditor-General is the auditor of Eastland Network Limited (the company). The Auditor-General has appointed me, Graham Naylor, using the staff and resources of Deloitte, to provide an opinion, on her behalf, on the company's report for the financial year ended 31 March 2012 on pages 4 to 32 regarding compliance with the Commerce Commission's Electricity Distribution (Information Disclosure) Requirements 2008 (the Requirements). In this independent assurance report we refer to the company's report as the 'disclosure information'. The disclosure information comprises both historical and prospective financial and non-financial information.

Respective responsibilities

The Board of Directors is responsible for preparing disclosure information that complies with the Requirements.

Clause 10 of the Requirements requires the Auditor-General to provide an opinion on whether the disclosure information prepared by the company complies with and is presented in all material respects in accordance with the Requirements.

Limitations and use of this independent assurance report

This independent assurance report has been prepared solely to discharge the Auditor-General's responsibilities under the Requirements for the financial year ended 31 March 2012. This independent assurance report is not intended to be used for any purposes, other than that for which it was prepared.

Because of the inherent limitations in evidence gathering procedures, it is possible that fraud, error or non-compliance may occur and not be detected. As the procedures performed for this engagement are not performed continuously throughout the financial year and the procedures performed in respect of the company's compliance with the Requirements are undertaken on a test basis, our engagement cannot be relied on to detect all instances where the company may not have complied with the Requirements. Our opinion has been formed on the above basis.

Basis of opinion

The company's financial statements and annual compliance statement prepared pursuant to the Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010 for the year ended 31 March 2012 have been subject to audit. The audit opinions on the financial statements and default price-quality path compliance statements of the company for the year ended 31 March 2012 were unqualified opinions and were dated 20 June 2012 and 30 May 2012 respectively.

Our work has been planned and performed to obtain all the information and explanations we considered necessary in order to obtain reasonable assurance that the disclosure information complies with and has been presented in all material respects in accordance with the Requirements. We also included an assessment of the significant estimates and judgments, if any, made by the company in the preparation of the disclosure information.

A matter is material if it would affect a user's overall understanding of the disclosure information prepared by the company.





Historical financial and non-financial information

Our work on the historical financial and non-financial information has been carried out in accordance with the International Standards on Auditing, International Standards on Auditing (New Zealand) and the Standard on Assurance Engagements (New Zealand) 3100: *Compliance Engagements* issued by the New Zealand Institute of Chartered Accountants.

Our work in respect of amounts and disclosures that were audited under the financial statement and annual compliance statement audits has been limited to agreeing the amounts and disclosures to the underlying records and audited financial statements or the annual compliance statement of the company.

Our work in respect of amounts and disclosures that were not audited under the financial statement and the annual compliance statement audits, has been planned and performed to obtain all the information and explanations we considered necessary in order to obtain reasonable assurance that the disclosure information has been presented in all material respects in accordance with the Requirements.

Prospective financial and non-financial information

Our work on the prospective financial and non-financial information has been limited to assessing whether the information has been presented on a basis consistent with the regulatory accounting or technical measurement requirements used for disclosures for the financial year ended 31 March 2012 and the immediately preceding financial year, and that the information has been calculated based on source data provided by the company. We have not performed audit procedures on the source data.

We acknowledge that it is likely that actual results will vary from those forecasted, since anticipated events frequently do not occur as expected (and those variations may be significant).

Independence

When carrying out the engagement we followed the independence requirements of the Auditor-General, which incorporate the independence requirements of the New Zealand Institute of Chartered Accountants. We also complied with the Independent auditor provisions on independence, as specified in clause 2(1) of the Requirements.

Other than this engagement and the annual audit of the company's financial statements and the annual compliance statement carried out on behalf of the Auditor-General, we have no relationship with or interests in the company.

Opinion

We have obtained all the information and explanations we have required.

In our opinion:

- the company has kept proper records to enable the complete and accurate compilation of required information, in all material respects, as far as appears from our examination of those records; and
- the disclosure information prepared by the company for the financial year ended 31 March 2012 complies with the Requirements.

Historical Financial and Non-Financial Information

In our opinion, the company has:

- presented the historical financial information in reports FS1, FS2, FS3, AV1, AV2, AV3, AV4, MP2, MP3 and AM1 for the financial year ended 31 March 2012 in all material respects in compliance with the Requirements, and
- compiled the historical non-financial information included in reports MP1, MP2 and MP3 in accordance with the guidance (if any) issued pursuant to the Requirements, and has calculated the historical non-financial information based on un-audited source data provided by the company.

Prospective Financial and Non-Financial Information

In our opinion, the company has:

- presented the prospective financial and non-financial information in reports AM1 and MP3 on a basis consistent with the regulatory accounting or technical measurement requirements used for disclosures for the financial year ended 31 March 2012 and the immediately preceding financial year; and
- calculated the prospective financial and non-financial information based on un-audited source data provided by the company.



Graham Naylor
Deloitte
On behalf of the Auditor-General
Hamilton, New Zealand
14 December 2012

Matters relating to the electronic publication of the audited disclosure information

This audit report relates to the electronic publication of the disclosure information of Eastland Network Limited's Electricity Lines Business for the year ended 31 March 2012. We have not been engaged to report on the integrity of any website on which the disclosure information has been published. We accept no responsibility for any changes that may have occurred to the disclosure information since it was initially approved and published. This audit report refers only to the disclosure information named above. If readers of this audit report are concerned with the inherent risks arising from electronic data communication they should refer to the original published hard copy of the disclosure information and related audit report dated 14 December 2012 to confirm the information included in the disclosure information published on this website. Legislation in New Zealand governing the preparation and dissemination of financial information may differ from legislation in other jurisdictions.

8 Director's Certificates

8.1 Certificate for Disclosed Information

We, Roger Neil Taylor and John McFayden Rae, directors of Eastland Network Limited certify that, having made all reasonable enquiry, to the best of our knowledge, the following attached audited information of Eastland Network Limited prepared for the purposes of requirement 3, 4, 6 and 7(5) of the Commerce Commission's Electricity Distribution (Information Disclosure) Requirements 2008 complies with those Requirements -

- (i) Report FS1: Regulatory Profit Report;
- (ii) Report FS2: Regulatory Asset and Financing Report;
- (iii) Report FS3: Regulatory Tax Allowance Report;
- (iv) Report AV1: Annual Regulatory Valuation Roll-Forward Report;
- (v) Report AV2: Valuation Disclosure by Asset Class (for System Fixed Assets);
- (vi) Report AV3: System Fixed Assets Replacement Cost Roll-Forward Report;
- (vii) Report AV4: Merger or Acquisition Regulatory Asset Base Disclosure;
- (viii) Report MP1: Network Information Report;
- (ix) Report MP2: Performance Measures Report;
- (x) Report MP3: Price and Quality Report; and
- (xi) Report AM1: Expenditure Forecasts and Reconciliation.



Roger Neil Taylor



John McFayden Rae

14 December 2012

8.2 Certificate for Valuation Report

We, Roger Neil Taylor and John McFayden Rae, directors of Eastland Network Limited certify that, having made all reasonable enquiry, to the best of our knowledge—

- a) the attached valuation report of Eastland Network Limited prepared for the purposes of requirement 14(3) of the Commerce Commission's Electricity Distribution (Information Disclosure) Requirements 2008 complies with those Requirements; and
- b) the replacement cost of the line business system fixed assets of Eastland Network Limited is \$187,619,000; and
- c) the depreciated replacement cost of the line business system fixed assets of Eastland Network Limited is \$87,482,000 and
- d) the optimised depreciated replacement cost of the line business system fixed assets of Eastland Network Limited is \$86,184,000 and
- e) the optimised deprival valuation of the line business system fixed assets of Eastland Network Limited is \$86,184,000; and
- f) the values in paragraphs (b) through to (e) have been prepared in accordance with the ODV Handbook (as defined in the Electricity Information Disclosure Requirements 2004). These valuations are as at 31 March 2004.



Roger Neil Taylor



John McFayden Rae

14 December 2012

STATUTORY DECLARATION FOR PUBLICLY DISCLOSED INFORMATION

Pursuant to Requirement 13(1)

I, William John Clarke of Gisborne, being a director of Eastland Network Limited, solemnly and sincerely declare that having made all reasonable enquiry, to the best of my knowledge, the information attached to this declaration is a true copy of information made available to the public by Eastland Network Limited under the Commerce Commission's Electricity Distribution (Information Disclosure) Requirements 2008.

And I make this solemn declaration conscientiously believing the same to be true and by virtue of the Oaths and Declarations Act 1957.

Declared at Gisborne this 14th day of December 2012.



WILLIAM JOHN CLARKE



Justice of the Peace

P.D. Willock, JP
#9080
GISBORNE
Justice of the Peace for New Zealand

