

Company Name	<b>Electricity Ashburton Limited</b>
For Year Ended	<b>31 March 2014</b>

**SCHEDULE 1: ANALYTICAL RATIOS**

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination.

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7	<b>1(i): Expenditure metrics</b>				
8					
9	<b>Operational expenditure</b>	<b>Expenditure per GWh energy delivered to ICPs (\$/GWh)</b>	<b>Expenditure per average no. of ICPs (\$/ICP)</b>	<b>Expenditure per MW maximum coincident system demand (\$/MW)</b>	<b>Expenditure per km circuit length (\$/km)</b>
10	Network	15,713	454	52,704	2,746
11	Non-network	4,629	134	15,528	809
12		11,084	320	37,177	1,937
13	<b>Expenditure on assets</b>				<b>Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)</b>
14	Network	32,190	930	107,969	5,626
15	Non-network	29,110	841	97,638	5,088
16		3,080	89	10,330	538
17					3,140
18	<b>1(ii): Revenue metrics</b>				
19					
20	<b>Total consumer line charge revenue</b>	<b>Revenue per GWh energy delivered to ICPs (\$/GWh)</b>	<b>Revenue per average no. of ICPs (\$/ICP)</b>		
21	Standard consumer line charge revenue	70,431	2,035		
22	Non-standard consumer line charge revenue	70,431	2,035		
23		-	-		
24	<b>1(iii): Service intensity measures</b>				
25	Demand density	52			<i>Maximum coincident system demand per km circuit length (for supply) (kW/km)</i>
26	Volume density	175			<i>Total energy delivered to ICPs per km circuit length (for supply) (MWh/km)</i>
27	Connection point density	6			<i>Average number of ICPs per km circuit length (for supply) (ICPs/km)</i>
28	Energy intensity	28,900			<i>Total energy delivered to ICPs per Average number of ICPs (kWh/ICP)</i>
29					
30					
31	<b>1(iv): Composition of regulatory income</b>				
32					
33		<b>(\$000)</b>	<b>% of revenue</b>		
34	Operational expenditure	8,214	21.93%		
35	Pass-through and recoverable costs	5,987	15.98%		
36	Total depreciation	6,958	18.58%		
37	Total revaluation	3,159	8.43%		
38	Regulatory tax allowance	2,804	7.49%		
39	Regulatory profit/loss	16,654	44.46%		
40	<b>Total regulatory income</b>	<b>37,460</b>			
41	<b>1(v): Reliability</b>				
42				<b>Interruptions per 100 circuit km</b>	
43	Interruption rate	15.55			

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**SCHEDULE 2: REPORT ON RETURN ON INVESTMENT**

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If an EDB makes this election, information supporting this calculation must be provided in 2(iii). EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

	CY-2	CY-1	Current Year CY
	31 Mar 12	31 Mar 13	31 Mar 14
	%	%	%
<b>2(i): Return on Investment</b>			
<b>Post tax WACC</b>			
ROI—comparable to a post tax WACC	5.25%	5.03%	6.70%
<b>Mid-point estimate of post tax WACC</b>	6.40%	5.85%	5.43%
25th percentile estimate	5.68%	5.13%	4.71%
75th percentile estimate	7.11%	6.56%	6.14%
<b>Vanilla WACC</b>			
ROI—comparable to a vanilla WACC	5.54%	5.81%	7.39%
<b>Mid-point estimate of vanilla WACC</b>	7.22%	6.62%	6.11%
25th percentile estimate	6.51%	5.91%	5.39%
75th percentile estimate	7.94%	7.34%	6.83%
<b>2(ii): Information Supporting the ROI</b>			
			(\$000)
Total opening RAB value	207,829		
plus Opening deferred tax	(3,876)		
Opening RIV		203,953	
Operating surplus / (deficit)	23,259		
less Regulatory tax allowance	2,804		
less Assets commissioned	19,136		
plus Asset disposals	1,614		
<b>Notional net cash flows</b>		2,932	
Total closing RAB value	220,521		
less Adjustment resulting from asset allocation	(1,031)		
less Lost and found assets adjustment	-		
plus Closing deferred tax	(5,574)		
<b>Closing RIV</b>		215,978	
ROI—comparable to a vanilla WACC		7.39%	
Leverage (%)		44%	
Cost of debt assumption (%)		5.56%	
Corporate tax rate (%)		28%	
ROI—comparable to a post tax WACC		6.70%	

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 For Year Ended **31 March 2014**

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sch ref

**2(iii): Information Supporting the Monthly ROI**

Cash flows		(\$000)				
	Total regulatory income	Expenses	Tax payments	Assets commissioned	Asset disposals	Notional net cash flows
56	April					-
57	May					-
58	June					-
59	July					-
60	August					-
61	September					-
62	October					-
63	November					-
64	December					-
65	January					-
66	February					-
67	March					-
68	<b>Total</b>	-	-	-	-	-

	Opening / closing RAB	Adjustment resulting from asset allocation	Lost and found assets adjustment	Opening / closing deferred tax	Revenue related working capital	Total
74	Monthly ROI - opening RIV	207,829		(3,876)	2,965	206,918
75	Monthly ROI -closing RIV	220,521	(1,031)	(5,574)	-	215,978
76	Monthly ROI -closing RIV less term credit spread differential allowance					215,978
77	<b>Monthly ROI—comparable to a vanilla WACC</b>					N/A
78	<b>Monthly ROI—comparable to a post-tax WACC</b>					N/A

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

84	Year-end ROI—comparable to a vanilla WACC	7.80%
85	Year-end ROI—comparable to a post-tax WACC	7.11%

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

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**SCHEDULE 3: REPORT ON REGULATORY PROFIT**

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

Non-exempt EDBs must also complete sections 3(ii) and 3(iii).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

sch ref	3(i): Regulatory Profit	(\$000)
7	<b>3(i): Regulatory Profit</b>	
8	<b>Income</b>	
9	Line charge revenue	36,818
10	plus Gains / (losses) on asset disposals	(26)
11	plus Other regulated income (other than gains / (losses) on asset disposals)	668
12		
13	<b>Total regulatory income</b>	<b>37,460</b>
14	<b>Expenses</b>	
15	less Operational expenditure	8,214
17	less Pass-through and recoverable costs	5,987
18		
19	<b>Operating surplus / (deficit)</b>	<b>23,259</b>
20		
21	less Total depreciation	6,958
22		
23	plus Total revaluation	3,159
24		
25	<b>Regulatory profit / (loss) before tax &amp; term credit spread differential allowance</b>	<b>19,459</b>
26		
27	less Term credit spread differential allowance	-
28		
29	<b>Regulatory profit / (loss) before tax</b>	<b>19,459</b>
30		
31	less Regulatory tax allowance	2,804
32		
33	<b>Regulatory profit / (loss)</b>	<b>16,654</b>
34		
35	<b>3(ii): Pass-Through and Recoverable Costs</b>	(\$000)
36	<b>Pass-through costs</b>	
37	Rates	168
38	Commerce Act levies	111
	Electricity Authority levies	79
40	Other specified pass-through costs	-
41	<b>Recoverable costs</b>	
42	Net recoverable costs allowed under incremental rolling incentive scheme	-
43	Non-exempt EDB electricity lines service charge payable to Transpower	3,582
44	Transpower new investment contract charges	733
45	System operator services	-
46	Avoided transmission charge	1,314
47	Input Methodology claw-back	-
48	Recoverable customised price-quality path costs	-
49	<b>Pass-through and recoverable costs</b>	<b>5,987</b>

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Non-exempt EDBs must also complete sections 3(ii) and 3(iii).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

*sch ref*

		(\$000)	
		CY-1	CY
		31 March 2013	31 March 2014
57	<b>3(iii): Incremental Rolling Incentive Scheme</b>		
58			
59			
60	Allowed controllable opex		
61	Actual controllable opex		
62			
63	Incremental change in year		
64			
65			
66	CY-5 31 Mar 09		Previous years' incremental change adjusted for inflation
67	CY-4 31 Mar 10		
68	CY-3 31 Mar 11		
69	CY-2 31 Mar 12		
70	CY-1 31 Mar 13		
71	<b>Net incremental rolling incentive scheme</b>		
72			
73	<b>Net recoverable costs allowed under incremental rolling incentive scheme</b>		
74	<b>3(iv): Merger and Acquisition Expenditure</b>		
75	Merger and acquisition expenses		
76			
77	Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)		
78	<b>3(v): Other Disclosures</b>		
79	Self-insurance allowance		

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

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

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)		for year ended				
		RAB 31 Mar 10 (\$000)	RAB 31 Mar 11 (\$000)	RAB 31 Mar 12 (\$000)	RAB 31 Mar 13 (\$000)	RAB 31 Mar 14 (\$000)
7						
8						
9						
10	Total opening RAB value	158,439	168,994	183,644	190,501	207,829
11						
12	less Total depreciation	5,849	6,274	7,157	6,655	6,958
13						
14	plus Total revaluations	3,232	4,070	2,849	1,621	3,159
15						
16	plus Assets commissioned	14,297	17,595	12,490	23,974	19,136
17						
18	less Asset disposals	1,125	741	1,325	1,610	1,614
19						
20	plus Lost and found assets adjustment	-	-	-	-	-
21						
22	plus Adjustment resulting from asset allocation	-	-	-	(2)	(1,031)
23						
24	Total closing RAB value	168,994	183,644	190,501	207,829	220,521
25						

4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
26					
27					
28					
29	Total opening RAB value		207,829		207,829
30	less				
31	Total depreciation		6,958		6,958
32	plus				
33	Total revaluations		3,159		3,159
34	plus				
35	Assets commissioned (other than below)	6,569		6,569	
36	Assets acquired from a regulated supplier				
37	Assets acquired from a related party	13,204		12,567	
38	Assets commissioned		19,773		19,136
39	less				
40	Asset disposals (other than below)	1,614		1,614	
41	Asset disposals to a regulated supplier				
42	Asset disposals to a related party				
43	Asset disposals		1,614		1,614
44					
45	plus Lost and found assets adjustment				
46					
47	plus Adjustment resulting from asset allocation				(1,031)
48					
49	Total closing RAB value		222,189		220,521

\* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide electricity distribution services without any allowance being made for the allocation of costs to non-regulated services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

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

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

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

58				
59				
60	CPI <sub>t</sub>			1,192
61	CPI <sub>t-4</sub>			1,174
62	Revaluation rate (%)			1.53%
63				
64				
65				
66	Total opening RAB value	Unallocated RAB *	RAB	
67	less Opening RAB value of fully depreciated, disposed and lost assets	(\$000)	(\$000)	(\$000)
68		207,829	207,829	
69		1,819	1,819	
70	Total opening RAB value subject to revaluation	206,010	206,010	
71	<b>Total revaluations</b>		3,159	3,159

**4(iv): Roll Forward of Works Under Construction**

72				
73				
74	<b>Works under construction—preceding disclosure year</b>	<b>Unallocated works under construction</b>	<b>Allocated works under construction</b>	
75	plus Capital expenditure	4,368	4,368	
76	less Assets commissioned	16,115	16,115	
77	plus Adjustment resulting from asset allocation	19,773	19,136	
78	<b>Works under construction - current disclosure year</b>		710	1,347
79				
80	Highest rate of capitalised finance applied			

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

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sch ref

88 **4(v): Regulatory Depreciation**

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
91 Depreciation - standard	6,267		6,267	
92 Depreciation - no standard life assets	691		691	
93 Depreciation - modified life assets	-		-	
94 Depreciation - alternative depreciation in accordance with CPP	-		-	
95 <b>Total depreciation</b>		6,958		6,958

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

(\$000 unless otherwise specified)

Asset or assets with changes to depreciation*	Reason for non-standard depreciation (text entry)	Closing RAB value	
		Depreciation charge for the period (RAB)	Closing RAB value under 'standard' depreciation

\* include additional rows if needed

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

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
110 <b>Total opening RAB value</b>	9,888	883	17,390	48,366	46,012	29,603	39,141	688	15,860	207,829
111 <i>less</i> Total depreciation	371	24	530	1,595	1,107	1,028	1,354	24	925	6,958
112 <i>plus</i> Total revaluations	177	12	267	705	703	451	597	9	240	3,159
113 <i>plus</i> Assets commissioned	1,183	188	622	1,527	5,952	3,657	4,269	555	1,183	19,136
114 <i>less</i> Asset disposals	153	1	-	568	308	198	224	129	34	1,614
115 <i>plus</i> Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
116 <i>plus</i> Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	(1,031)	(1,031)
117 <i>plus</i> Asset category transfers	1,815	(131)	-	(1,815)	131	-	-	-	-	-
118 <b>Total closing RAB value</b>	12,539	927	17,749	46,620	51,383	32,485	42,428	1,098	15,294	220,521
119 <b>Asset Life</b>										
120 Weighted average remaining asset life	34.8	33.4	33.7	32.5	45.1	35.1	31.8	16.8	25.5	(years)
121 Weighted average expected total asset life	45.4	54.8	45.8	46.2	55.0	45.0	38.8	19.6	28.8	(years)

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**SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE**

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

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		(\$000)	
7	<b>5a(i): Regulatory Tax Allowance</b>		
8	<b>Regulatory profit / (loss) before tax</b>		19,459
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	188	*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible		*
12	Amortisation of initial differences in asset values	2,216	
13	Amortisation of revaluations	499	
14			2,903
15			
16	<i>less</i> Income included in regulatory profit / (loss) before tax but not taxable	3,159	*
17	Discretionary discounts and consumer rebates	4,198	
18	Expenditure or loss deductible but not in regulatory profit / (loss) before tax**		*
19	Notional deductible interest	4,990	
20			12,346
21			
22	<b>Regulatory taxable income</b>		10,015
23			
24	<i>less</i> Utilised tax losses		
25	Regulatory net taxable income		10,015
26			
27	Corporate tax rate (%)	28%	
28	<b>Regulatory tax allowance</b>		2,804

\* Workings to be provided in Schedule 14  
 \*\* Excluding discretionary discounts and consumer rebates

**5a(ii): Disclosure of Permanent Differences**

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

		(\$000)	
34	<b>5a(iii): Amortisation of Initial Difference in Asset Values</b>		
35			
36	Opening unamortised initial differences in asset values	73,186	
37	Amortisation of initial differences in asset values	2,216	
38	Adjustment for unamortised initial differences in assets acquired	-	
39	Adjustment for unamortised initial differences in assets disposed	407	
40	Closing unamortised initial differences in asset values		70,563
41			
42	Opening weighted average remaining asset life (years)		33

		(\$000)	
43	<b>5a(iv): Amortisation of Revaluations</b>		
44			
45	Opening Sum of RAB values without revaluations	197,005	
46			
47	Adjusted depreciation	6,459	
48	Total depreciation	6,958	
49	Amortisation of revaluations		499

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**SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE**

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

sch ref

57	<b>5a(v): Reconciliation of Tax Losses</b>			<b>(\$000)</b>
58				
59	Opening tax losses			
60	plus Current period tax losses			
61	less Utilised tax losses			
62	Closing tax losses			-
63	<b>5a(vi): Calculation of Deferred Tax Balance</b>			<b>(\$000)</b>
64				
65	Opening deferred tax		(3,876)	
66				
67	plus Tax effect of adjusted depreciation		1,809	
68				
69	less Tax effect of total tax depreciation		2,840	
70				
71	plus Tax effect of other temporary differences*		10	
72				
73	less Tax effect of amortisation of initial differences in asset values		620	
74				
75	plus Deferred tax balance relating to assets acquired in the disclosure year		-	
76				
77	less Deferred tax balance relating to assets disposed in the disclosure year		60	
78				
79	plus Deferred tax cost allocation adjustment		4	
80				
81	Closing deferred tax			(5,574)
82				
83	<b>5a(vii): Disclosure of Temporary Differences</b>			
84	In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).			
85				
86	<b>5a(viii): Regulatory Tax Asset Base Roll-Forward</b>			<b>(\$000)</b>
87				
88	Opening sum of regulatory tax asset values		106,837	
89	less Tax depreciation		10,145	
90	plus Regulatory tax asset value of assets commissioned		19,136	
91	less Regulatory tax asset value of asset disposals		1,276	
92	plus Lost and found assets adjustment		-	
93	plus Other adjustments to the RAB tax value		-	
94	Closing sum of regulatory tax asset values			114,552

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**SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS**

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

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

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

(\$000)

8	Total regulatory income	
9	Operational expenditure	3,034
10	Capital expenditure	13,204
11	Market value of asset disposals	
12	Other related party transactions	

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

14	Name of related party	Related party relationship
15	Ashburton District Council	Significant Shareholder
16	Ashburton Contracting Limited	A subsidiary of Ashburton District Council
17	EA Network Contracting	Contracting arm of EA Network
18	EA Network Fibre	Fibre arm of EA Network
19		

20 \* include additional rows if needed

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

22	Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
23	Ashburton District Council	Opex	Rates	168	Market Value
24	Ashburton District Council	Capex	Sundry Items	3	Market Value
25					
26	EA Network Fibre	Opex	Use of Communication Network	723	Directors Certificate
27					
28	EA Network Contracting	Opex	Maintenance of distribution system	1,128	Directly attributable cost
29	EA Network Contracting	Opex	Non-network Maintenance	28	Directly attributable cost

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30	EA Network Contracting	Opex	Fault Maintenance	984	Directly attributable cost
31	EA Network Contracting	Capex	Construction of RAB assets	13,204	Directly attributable cost
32		[Select one]			
33	Ashburton Contracting Limited	Capex	Construction of RAB assets	717	Market Value
34		[Select one]			
35		[Select one]			
36		[Select one]			
37		[Select one]			

*\* include additional rows if needed*

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 For Year Ended **31 March 2014**

**SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE**

This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7  
8  
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**5c(i): Qualifying Debt (may be Commission only)**

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Cost of executing an interest rate swap	Debt issue cost readjustment
Not Applicable									
* include additional rows if needed							-	-	-

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

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Gross term credit spread differential								
Total book value of interest bearing debt								
Leverage				44%				
Average opening and closing RAB values								
Attribution Rate (%)								
Term credit spread differential allowance								

Company Name **Electricity Ashburton Limited**  
 For Year Ended **31 March 2014**

**SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

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

sch ref

**7 5d(i): Operating Cost Allocations**

		Value allocated (\$000s)				
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVBAAA allocation increase (\$000s)
<b>Service interruptions and emergencies</b>						
11	Directly attributable		1,025			
12	Not directly attributable					
13	<b>Total attributable to regulated service</b>		1,025			
<b>Vegetation management</b>						
15	Directly attributable		235			
16	Not directly attributable					
17	<b>Total attributable to regulated service</b>		235			
<b>Routine and corrective maintenance and inspection</b>						
19	Directly attributable		565			
20	Not directly attributable					
21	<b>Total attributable to regulated service</b>		565			
<b>Asset replacement and renewal</b>						
23	Directly attributable		595			
24	Not directly attributable					
25	<b>Total attributable to regulated service</b>		595			
<b>System operations and network support</b>						
27	Directly attributable		2,887			
28	Not directly attributable					
29	<b>Total attributable to regulated service</b>		2,887			
<b>Business support</b>						
31	Directly attributable		195			
32	Not directly attributable		2,712		2,712	
33	<b>Total attributable to regulated service</b>		2,907			
34						
35	<b>Operating costs directly attributable</b>		5,502			
36	<b>Operating costs not directly attributable</b>		2,712		2,712	
37	<b>Operating expenditure</b>		8,214			

**45 5d(ii): Other Cost Allocations**

**46 Pass through and recoverable costs**

**47 Pass through costs**

48 Directly attributable 358

49 Not directly attributable -

50 **Total attributable to regulated service** 358

**51 Recoverable costs**

52 Directly attributable 5,629

53 Not directly attributable -

54 **Total attributable to regulated service** 5,629

**56 5d(iii): Changes in Cost Allocations\* †**

		(\$000)	
		CY-1 31 Mar 13	Current Year (CY) 31 Mar 14
<b>Change in cost allocation 1</b>			
59	Cost category		
60	Original allocator or line items		
61	New allocator or line items		
62			
63	Rationale for change		
64			
<b>Change in cost allocation 2</b>			
66	Cost category		
67	Original allocator or line items		
68	New allocator or line items		
69			
70			
71	Rationale for change		
72			
<b>Change in cost allocation 3</b>			
74	Cost category		
75	Original allocator or line items		
76	New allocator or line items		
77			
78			
79	Rationale for change		
80			

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

† include additional rows if needed

Company Name **Electricity Ashburton Limited**  
 For Year Ended **31 March 2014**

**SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS**

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

**7 5e(i): Regulated Service Asset Values**

	Value allocated (\$000s) Electricity distribution services
<b>Subtransmission lines</b>	
Directly attributable	12,539
Not directly attributable	-
<b>Total attributable to regulated service</b>	12,539
<b>Subtransmission cables</b>	
Directly attributable	927
Not directly attributable	-
<b>Total attributable to regulated service</b>	927
<b>Zone substations</b>	
Directly attributable	17,749
Not directly attributable	-
<b>Total attributable to regulated service</b>	17,749
<b>Distribution and LV lines</b>	
Directly attributable	46,620
Not directly attributable	-
<b>Total attributable to regulated service</b>	46,620
<b>Distribution and LV cables</b>	
Directly attributable	51,383
Not directly attributable	-
<b>Total attributable to regulated service</b>	51,383
<b>Distribution substations and transformers</b>	
Directly attributable	32,485
Not directly attributable	-
<b>Total attributable to regulated service</b>	32,485
<b>Distribution switchgear</b>	
Directly attributable	42,428
Not directly attributable	-
<b>Total attributable to regulated service</b>	42,428
<b>Other network assets</b>	
Directly attributable	1,098
Not directly attributable	-
<b>Total attributable to regulated service</b>	1,098
<b>Non-network assets</b>	
Directly attributable	15,293
Not directly attributable	-
<b>Total attributable to regulated service</b>	15,293
<b>Regulated service asset value directly attributable</b>	220,521
<b>Regulated service asset value not directly attributable</b>	-
<b>Total closing RAB value</b>	220,521

**57 5e(ii): Changes in Asset Allocations\* †**

		(\$000)	
		CY-1 31 Mar 13	Current Year (CY) 31 Mar 14
<b>Change in asset value allocation 1</b>			
Asset category	Non-Network		
Original allocator or line items	Non-directly attributable	1,032	1,032
New allocator or line items		1,032	-
		-	1,032
Rationale for change	EA Networks completed shifting head offices from its old Kermode street property in Ashburton to Cullen Drive Ashburton. The property at Kermode Street is owned by the Company and was part of the 2013 RAB. The value of the Kermode street property has been removed from the RAB as it is no longer used by the electricity business.		
<b>Change in asset value allocation 2</b>			
Asset category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			
<b>Change in asset value allocation 3</b>			
Asset category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			

\* a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.  
 † include additional rows if needed

Company Name **Electricity Ashburton Limited**  
 For Year Ended **31 March 2014**

**SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR**

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	<b>6a(i): Expenditure on Assets</b>		<b>(\$000)</b>	<b>(\$000)</b>
8	Consumer connection			4,471
9	System growth			5,201
10	Asset replacement and renewal			2,713
11	Asset relocations			15
12	Reliability, safety and environment:			
13	Quality of supply	2,673		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	144		
16	<b>Total reliability, safety and environment</b>			<b>2,817</b>
17	<b>Expenditure on network assets</b>			<b>15,217</b>
18	Non-network assets			1,610
19				
20	<b>Expenditure on assets</b>			<b>16,827</b>
21	plus Cost of financing			-
22	less Value of capital contributions			712
23	plus Value of vested assets			-
24				
25	<b>Capital expenditure</b>			<b>16,115</b>
26	<b>6a(ii): Subcomponents of Expenditure on Assets (where known)</b>			<b>(\$000)</b>
27	Energy efficiency and demand side management, reduction of energy losses			-
28	Overhead to underground conversion			1,941
29	Research and development			-
30	<b>6a(iii): Consumer Connection</b>		<b>(\$000)</b>	<b>(\$000)</b>
31	<i>Consumer types defined by EDB*</i>			
32	General		3,209	
33	Industrial		73	
34	Irrigation		1,189	
35	[EDB consumer type]		-	
36	[EDB consumer type]		-	
37	<i>* include additional rows if needed</i>			
38	<b>Consumer connection expenditure</b>			<b>4,471</b>
39				
40	less Capital contributions funding consumer connection expenditure	555		
41	<b>Consumer connection less capital contributions</b>			<b>3,916</b>
42	<b>6a(iv): System Growth and Asset Replacement and Renewal</b>		<b>System Growth</b>	<b>Asset Replacement and Renewal</b>
43			<b>(\$000)</b>	<b>(\$000)</b>
44				
45	Subtransmission	917	592	
46	Zone substations	254	39	
47	Distribution and LV lines	380	533	
48	Distribution and LV cables	43	24	
49	Distribution substations and transformers	3,332	1,022	
50	Distribution switchgear	172	503	
51	Other network assets	103	-	
52	<b>System growth and asset replacement and renewal expenditure</b>	<b>5,201</b>	<b>2,713</b>	
53	less Capital contributions funding system growth and asset replacement and renewal	156	1	
54	<b>System growth and asset replacement and renewal less capital contributions</b>	<b>5,045</b>	<b>2,712</b>	
55				
56	<b>6a(v): Asset Relocations</b>		<b>(\$000)</b>	<b>(\$000)</b>
57	<i>Project or programme*</i>			
58	Mt Somers Transformer upgrade	15		
59	[Description of material project or programme]			
60	[Description of material project or programme]			
61	[Description of material project or programme]			
62	[Description of material project or programme]			
63	<i>* include additional rows if needed</i>			
64	All other asset relocations projects or programmes			
65	<b>Asset relocations expenditure</b>			<b>15</b>
66	less Capital contributions funding asset relocations			
67	<b>Asset relocations less capital contributions</b>			<b>15</b>

Company Name **Electricity Ashburton Limited**  
 For Year Ended **31 March 2014**

**SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR**

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		(\$000)	(\$000)
75	<b>6a(vi): Quality of Supply</b>		
76	<i>Project or programme*</i>		
77	Urban Undergrounding Programme	1,627	
	Methven Highway Underground Conversion and RMU installing	47	
	Boltons Road	-	
	Southern Ring Line Differential	3	
	Northtown install protection	1	
	Unscheduled sub station work	6	
	Zone Sub Line and Bus Protection	44	
	Unground conversion Chalmers Ave	66	
	New LV UG supply to CB CP65	-	
	Additional RMU's	429	
78	Dolma Street, Methven UG Conversion	19	
79	Digbys Bridge UG Conversion	14	
80	Lauriston Protection	6	
	Carew & Coldstream substation Battery Chargers	54	
	Methven 10MVA 11/22V Transformer	329	
	66V Lightning Arrestors at Zone Substations	24	
	Pendarves Building and Protection	4	
82	<i>* include additional rows if needed</i>		
83	All other quality of supply projects or programmes	-	
84	<b>Quality of supply expenditure</b>		2,673
85	less Capital contributions funding quality of supply	-	
86	<b>Quality of supply less capital contributions</b>		2,673
87	<b>6a(vii): Legislative and Regulatory</b>		
88	<i>Project or programme*</i>		
89	[Description of material project or programme]	-	
90	[Description of material project or programme]	-	
91	[Description of material project or programme]	-	
92	[Description of material project or programme]	-	
93	[Description of material project or programme]	-	
94	<i>* include additional rows if needed</i>		
95	All other legislative and regulatory projects or programmes	-	
96	<b>Legislative and regulatory expenditure</b>		-
97	less Capital contributions funding legislative and regulatory	-	
98	<b>Legislative and regulatory less capital contributions</b>		-
99	<b>6a(viii): Other Reliability, Safety and Environment</b>		
100	<i>Project or programme*</i>		
101	66KV Dampers Eifflerton to Coldstream substations	4	
102	Substation Security and Communications	101	
103	Backup Generator - Radio Repeater	17	
104	Northtown & MTV66 install Personnel Gates	7	
	Substation Security Monitoring	3	
	Other RSE projects	3	
	Install 66V Vibration Dampers	9	
105		0	
106	<i>* include additional rows if needed</i>		
107	All other reliability, safety and environment projects or programmes	-	
108	<b>Other reliability, safety and environment expenditure</b>		144
109	less Capital contributions funding other reliability, safety and environment	-	
110	<b>Other reliability, safety and environment less capital contributions</b>		144
111			
112	<b>6a(ix): Non-Network Assets</b>		
113	<b>Routine expenditure</b>		
114	<i>Project or programme*</i>		
115	IT	36	
116	Plant	89	
117	Vehicle	211	
118	[Description of material project or programme]	-	
119	[Description of material project or programme]	-	
120	<i>* include additional rows if needed</i>		
121	All other routine expenditure projects or programmes	-	
122	<b>Routine expenditure</b>		336

Company Name **Electricity Ashburton Limited**  
 For Year Ended **31 March 2014**

**SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR**

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

<b>Atypical expenditure</b>		(\$000)	(\$000)
123	<i>Project or programme*</i>		
124			
125	Building	552	
126	IT infrastructure	234	
127	Project management	10	
128	Radio System	478	
129	0	-	
130	<i>* include additional rows if needed</i>		
131	All other atypical expenditure projects or programmes	-	
132	<b>Atypical expenditure</b>		<b>1,274</b>
133			
134	<b>Non-network assets expenditure</b>		<b>1,610</b>

Company Name **Electricity Ashburton Limited**

For Year Ended **31 March 2014**

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

This schedule requires a breakdown of operating expenditure incurred in the disclosure year.

EDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operating expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

*sch ref*

		(\$000)	(\$000)
7	<b>6b(i): Operational Expenditure</b>		
8	Service interruptions and emergencies	1,025	
9	Vegetation management	235	
10	Routine and corrective maintenance and inspection	565	
11	Asset replacement and renewal	595	
12	<b>Network opex</b>		2,420
13	System operations and network support	2,887	
14	Business support	2,907	
15	<b>Non-network opex</b>		5,794
16			
17	<b>Operational expenditure</b>		8,214
18	<b>6b(ii): Subcomponents of Operational Expenditure (where known)</b>		
19	Energy efficiency and demand side management, reduction of energy losses		
20	Direct billing*		
21	Research and development		
22	Insurance		172
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name	<b>Electricity Ashburton Limited</b>
For Year Ended	<b>31 March 2014</b>

**SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE**

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

EDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

7	<b>7(i): Revenue</b>	<b>Target (\$000) <sup>1</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
8	Line charge revenue	35,819	36,818	3%
9	<b>7(ii): Expenditure on Assets</b>	<b>Forecast (\$000) <sup>2</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
10	Consumer connection	4,473	4,471	(0%)
11	System growth	2,877	5,201	81%
12	Asset replacement and renewal	1,944	2,713	40%
13	Asset relocations	204	15	(93%)
14	Reliability, safety and environment:			
15	Quality of supply	3,871	2,673	(31%)
16	Legislative and regulatory	11	-	(100%)
17	Other reliability, safety and environment	571	144	(75%)
18	<b>Total reliability, safety and environment</b>	<b>4,453</b>	<b>2,817</b>	<b>(37%)</b>
19	<b>Expenditure on network assets</b>	<b>13,951</b>	<b>15,217</b>	<b>9%</b>
20	Non-network capex	1,497	1,610	8%
21	<b>Expenditure on assets</b>	<b>15,448</b>	<b>16,827</b>	<b>9%</b>
22	<b>7(iii): Operational Expenditure</b>			
23	Service interruptions and emergencies	688	1,025	49%
24	Vegetation management	285	235	(18%)
25	Routine and corrective maintenance and inspection	533	565	6%
26	Asset replacement and renewal	693	595	(14%)
27	<b>Network opex</b>	<b>2,199</b>	<b>2,420</b>	<b>10%</b>
28	System operations and network support	3,388	2,887	(15%)
29	Business support	2,836	2,907	3%
30	<b>Non-network opex</b>	<b>6,224</b>	<b>5,794</b>	<b>(7%)</b>
31	<b>Operational expenditure</b>	<b>8,423</b>	<b>8,214</b>	<b>(2%)</b>
32	<b>7(iv): Subcomponents of Expenditure on Assets (where known)</b>			
33	Energy efficiency and demand side management, reduction of energy losses		-	-
34	Overhead to underground conversion	2,680	1,941	(28%)
35	Research and development		-	-
36				
37	<b>7(v): Subcomponents of Operational Expenditure (where known)</b>			
38	Energy efficiency and demand side management, reduction of energy losses		-	-
39	Direct billing		-	-
40	Research and development		-	-
41	Insurance		172	-
42				
43	1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of the Determination			
44	2 From the nominal dollar expenditure forecast and disclosed in the second to last AMP as the year CY+1 forecast			

**SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES**

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

Company Name	<b>Electricity Ashburton Limited</b>
For Year Ended	<b>31 March 2014</b>
Network / Sub-Network Name	<b>Total Network</b>

sch ref

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

Consumer group name or price category code	Consumer type or types (eg residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	Price component	Billed quantities by price component																				
						General Supply	Uncontrolled Energy	Controlled Off Peak Energy	Night Boost 10	Night Rate	Under Verandah	Floodlight	Export kWh	Generation Credit	Connected kW	Industrial MD	Industrial Peak MD	Industrial Anytime MD	Industrial Energy	Large User Fixed	Large User MD	Large User Connected kW	Large User Energy	Streetlighting		
					Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	per day	per kWh	per kWh	per kWh	per kWh	per day	per day	per kWh	per kWh	per kW day	per kVA per month	per kVA per month	per kVA per month	per kWh	per month	per kVA per month	per kW day	per kWh	per fitting per day		
General Supply - 20 kVA	General	Standard	14,224	122,190		14,539	88,347,978	30,107,533	906,247	5,703,015	20	7	5,762	5,030	-	-	-	-	-	-	-	-	-	-	-	
General Supply - 50 kVA	General	Standard	1,462	35,433		1,497	32,178,244	2,499,963	95,416	1,492,930	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
General Supply - 100 kVA	General	Standard	613	52,630		628	50,533,956	699,627	76,102	2,558,960	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
General Supply - 150 kVA	General	Standard	204	28,292		209	27,345,608	435,233	-	1,176,897	1	-	75,450	14,725	-	-	-	-	-	-	-	-	-	-	-	
kVA	General	Standard	43	0		44	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Irrigation	Irrigation	Standard	1,482	173,071		-	177,144,507	-	-	-	-	-	128,582	-	-	-	-	-	-	-	-	-	-	-	-	
Industrial 400V Supply - kVA	Industrial	Standard	41	51,624		-	-	-	-	-	1	-	-	12,007	-	-	-	52,838,543	-	-	-	-	-	-	-	
Direct Supply - Day Demand	Industrial	Standard	1	1,466		-	-	-	-	-	-	-	-	-	322	-	326	1,500,163	-	-	-	-	-	-	-	
Direct Supply - Peak Demand	Industrial	Standard	3	1,855		-	-	-	-	-	-	-	-	-	-	-	742	868	1,898,552	-	-	-	-	-	-	
CMP	Large User	Standard	1	35,545		-	-	-	-	-	-	-	-	-	-	-	-	-	1	7,113	-	35,545,021	-	-	-	
Silver Fern Farms	Large User	Standard	1	14,046		-	-	-	-	-	-	-	-	-	-	-	-	-	1	3,189	-	14,045,985	-	-	-	
Mt Hutt Ski Area	Large User	Standard	1	1,480		-	-	-	-	-	-	-	-	-	-	-	-	-	1	690	-	1,479,771	-	-	-	
Highbank Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	1	25,189	-	104,024,718	-	-	-	
Montalto Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,351	-	5,540,356	-	-	-	
Cleardale Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	1	944	-	4,262,993	-	-	-	
Highbank Pumps	Large User	Standard	1	3,480		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,645	8,894	3,479,785	-	-	
Street Lighting	Street Lighting	Standard	8	1,635		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,150		
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>																										
<b>Standard consumer totals</b>						18,088	522,745																			
<b>Non-standard consumer totals</b>						-	-																			
<b>Total for all consumers</b>						18,088	522,745																			
						16,917	375,550,306	33,742,357	1,077,764	10,931,802	32	14	81,213	19,755	128,582	12,329	742	1,194	56,237,258	6	41,120	8,894	168,378,628	3,150		

**SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES**

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

Company Name	Electricity Ashburton Limited
For Year Ended	31 March 2014
Network / Sub-Network Name	Total Network

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

Consumer group name or price category code	Consumer type or types (eg. residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone (if applicable)	Total distribution line charge revenue	Transmission line charge revenue (if available)	Rate (eg. \$/da, v. \$/k)	Line charge revenues (\$000) by price component																				
								General Supply	Uncontrolled Energy	Controlled Off Peak Energy	Night Boost 10	Night Rate	Under Verandah	Floodlight	Export kWh	Generation Credit	Connected kW	Industrial MD	Industrial Peak MD	Industrial Anytime MD	Industrial Energy	Large User Fixed	Large User MD	Large User Connected kW	Large User Energy	Streetlighting		
								per day	per kWh	per kWh	per kWh	per kWh	per kWh	per day	per day	per kWh	per kWh	per kW day	per kVA per month	per kVA per month	per kVA per month	per kWh	per month	per kVA per month	per kW day	per kWh	per fitting per day	
General Supply - 20 kVA	General	Standard	\$8,716		\$8,716			\$796	\$7,421	\$482	\$15			\$2	\$1		(\$0)											
General Supply - 50 kVA	General	Standard	\$2,910		\$2,910			\$164	\$2,703	\$40	\$2			\$1	\$0													
General Supply - 100 kVA	General	Standard	\$4,392		\$4,392			\$137	\$4,242	\$11	\$1				\$0													
General Supply - 150 kVA	General	Standard	\$2,371		\$2,371			\$69	\$2,297	\$7					\$0		(\$1)											
kVA	General	Standard	\$8		\$8			\$8	\$0																			
Irrigation	Irrigation	Standard	\$14,549		\$14,549				(\$0)									\$14,549										
Industrial 400V Supply - kVA	Industrial	Standard	\$1,749		\$1,749										\$0				\$1,749									
Direct Supply - Day Demand	Industrial	Standard	\$47		\$47														\$47									
Direct Supply - Peak Demand	Industrial	Standard	\$119		\$119															\$42	\$77							
CLUP	Large User	Standard	\$637		\$637																		\$290	\$407				
Silver Fern Farms	Large User	Standard	\$215		\$215																		\$32	\$183				
Mt Hutt Ski Area	Large User	Standard	\$160		\$160																		\$120	\$30				
Highbank Generation	Generation	Standard	\$358		\$358																		\$358					
Montalto Generation	Generation	Standard	\$31		\$31																		\$31					
Cleardale Generation	Generation	Standard	\$29		\$29																		\$29					
Highbank Pumps	Large User	Standard	\$278		\$278																				\$278			
Street Lighting	Street Lighting	Standard	\$248		\$248																							\$248
Standard consumer totals			\$36,818		\$36,818			\$1,174	\$16,663	\$540	\$17			\$3	\$1		(\$2)	\$14,549	\$1,796	\$42	\$77		\$800	\$620	\$278		\$248	
Non-standard consumer totals																												
Total for all consumers			\$36,818		\$36,818			\$1,174	\$16,663	\$540	\$17			\$3	\$1		(\$2)	\$14,549	\$1,796	\$42	\$77		\$800	\$620	\$278		\$248	

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

Number of directly billed ICPs at year end

Company Name	<b>Electricity Ashburton Limited</b>
For Year Ended	<b>31 March 2014</b>
Network / Sub-network Name	<b>Total Network</b>

**SCHEDULE 9a: ASSET REGISTER**

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy 1-4
8	All	Overhead Line	Concrete poles / steel structure	No.	2,711	2,690	(21)	4
9	All	Overhead Line	Wood poles	No.	26,807	26,817	10	4
10	All	Overhead Line	Other pole types	No.	-	-	-	N/A
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	382	390	8	4
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	6	7	1	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	23	23	-	3
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	N/A
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	45	48	3	3
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	74	69	(5)	3
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	28	28	3
28	HV	Zone substation switchgear	33kV RMU	No.	15	-	(15)	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	141	-	(141)	N/A
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	10	36	26	3
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	169	169	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	N/A
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	51	28	(23)	3
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,002	1,999	(3)	3
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
36	HV	Distribution Line	SWER conductor	km	-	-	-	N/A
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	174	181	7	3
38	HV	Distribution Cable	Distribution UG PILC	km	5	4	(1)	3
39	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	19	28	9	2
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	-	-	N/A
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	609	8,396	7,787	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	8	161	153	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	331	367	36	3
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	4,734	4,761	27	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	1,885	1,950	65	3
47	HV	Distribution Transformer	Voltage regulators	No.	3	3	-	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	533	320	(213)	2
49	LV	LV Line	LV OH Conductor	km	107	102	(5)	2
50	LV	LV Cable	LV UG Cable	km	289	307	18	3
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	250	264	14	3
52	LV	Connections	OH/UG consumer service connections	No.	18,501	18,684	183	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	120	143	23	1
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	-	1	1	2
55	All	Capacitor Banks	Capacitors including controls	No.	-	-	-	N/A
56	All	Load Control	Centralised plant	Lot	3	3	-	3
57	All	Load Control	Relays	No.	311	327	16	1
58	All	Civils	Cable Tunnels	km	-	-	-	N/A



Company Name	Electricity Ashburton Limited
For Year Ended	31 March 2014
Network / Sub-network Name	Total Network

**SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES**

This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

	Overhead (km)	Underground (km)	Total circuit length (km)
9			
10	<b>Circuit length by operating voltage (at year end)</b>		
11	-	-	-
12	269	2	270
13	122	5	126
14	-	-	-
15	1,122	41	1,163
16	877	145	1,022
17	102	307	409
18	2,492	499	2,991
19			
20	36	228	264
21			-
22			
23	<b>Overhead circuit length by terrain (at year end)</b>		
24	74	3%	
25	2,363	95%	
26	55	2%	
27		-	
28		-	
29		-	
30	2,492	100%	
31			
32	<b>(% of total circuit length)</b>		
33	468	16%	
34	<b>(% of total overhead length)</b>		
35	2,492	100%	

Company Name **Electricity Ashburton Limited**  
 For Year Ended **31 March 2014**

**SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS**

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

*sch ref*

	Location *	Number of ICPs served	Line charge revenue (\$000)
8			
9	Upper Rakaia - Orion Network	13	16
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

\* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB's network or in another embedded network

Electricity Ashburton Limited
31 March 2014
Total Network

**SCHEDULE 9e: REPORT ON NETWORK DEMAND**

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

sch ref

8	<b>9e(i): Consumer Connections</b>		
9	<i>Number of ICPs connected in year by consumer type</i>		
10	<i>Consumer types defined by EDB*</i>	<b>Number of connections (ICPs)</b>	
11	General	303	
12	Irrigation	28	
13	Industrial	-	
14	Large User	-	
15			
16	<i>* include additional rows if needed</i>		
17	<b>Connections total</b>	<b>331</b>	
18			
19	<b>Distributed generation</b>		
20	Number of connections made in year	14	connections
21	Capacity of distributed generation installed in year	0	MVA
22	<b>9e(ii): System Demand</b>		
23		<b>Demand at time of maximum coincident demand (MW)</b>	
24			
25	<b>Maximum coincident system demand</b>		
26	GXP demand	155	
27	plus Distributed generation output at HV and above	1	
28	<b>Maximum coincident system demand</b>	<b>156</b>	
29	less Net transfers to (from) other EDBs at HV and above	0	
30	<b>Demand on system for supply to consumers' connection points</b>	<b>156</b>	
31	<b>Electricity volumes carried</b>	<b>Energy (GWh)</b>	<b>Energy (GWh)</b>
32	Electricity supplied from GXPs	477	
33	less Electricity exports to GXPs	23	
34	plus Electricity supplied from distributed generation	114	
35	less Net electricity supplied to (from) other EDBs	0	
36	<b>Electricity entering system for supply to consumers' connection points</b>	<b>568</b>	
37	less Total energy delivered to ICPs	523	
38	<b>Electricity losses (loss ratio)</b>	<b>45</b>	<b>7.9%</b>
39			
40	<b>Load factor</b>	<b>42%</b>	
41	<b>9e(iii): Transformer Capacity</b>		
42		<b>(MVA)</b>	
43	Distribution transformer capacity (EDB owned)	513	
44	Distribution transformer capacity (Non-EDB owned)	13	
45	<b>Total distribution transformer capacity</b>	<b>526</b>	
46			
47	<b>Zone substation transformer capacity</b>	<b>325</b>	

Company Name	Electricity Ashburton Limited
For Year Ended	31 March 2014
Network / Sub-network Name	Total Network

**SCHEDULE 10: REPORT ON NETWORK RELIABILITY**

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

**10(i): Interruptions**

Interruptions by class	Number of interruptions	
	≤3Hrs	>3hrs
Class A (planned interruptions by Transpower)	-	-
Class B (planned interruptions on the network)	121	-
Class C (unplanned interruptions on the network)	344	-
Class D (unplanned interruptions by Transpower)	-	-
Class E (unplanned interruptions of EDB owned generation)	-	-
Class F (unplanned interruptions of generation owned by others)	-	-
Class G (unplanned interruptions caused by another disclosing entity)	-	-
Class H (planned interruptions caused by another disclosing entity)	-	-
Class I (interruptions caused by parties not included above)	-	-
<b>Total</b>	<b>465</b>	<b>-</b>

Interruption restoration	≤3Hrs	>3hrs
Class C interruptions restored within	239	105

SAIFI and SAIDI by class	SAIFI and SAIDI	
	SAIFI	SAIDI
Class A (planned interruptions by Transpower)	-	-
Class B (planned interruptions on the network)	0.20	56.7
Class C (unplanned interruptions on the network)	2.69	775.2
Class D (unplanned interruptions by Transpower)	-	-
Class E (unplanned interruptions of EDB owned generation)	-	-
Class F (unplanned interruptions of generation owned by others)	-	-
Class G (unplanned interruptions caused by another disclosing entity)	-	-
Class H (planned interruptions caused by another disclosing entity)	-	-
Class I (interruptions caused by parties not included above)	-	-
<b>Total</b>	<b>2.89</b>	<b>831.9</b>

Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
Classes B & C (interruptions on the network)	2.50	239.5

Quality path normalised reliability limit	SAIFI reliability limit	SAIDI reliability limit
SAIFI and SAIDI limits applicable to disclosure year*	2.00	222.1
* not applicable to exempt EDBs		

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

Cause	SAIFI and SAIDI	
	SAIFI	SAIDI
Lightning	0.08	5.9
Vegetation	0.12	7.0
Adverse weather	1.31	700.1
Adverse environment	0.05	3.1
Third party interference	0.21	13.9
Wildlife	-	-
Human error	0.03	0.7
Defective equipment	0.77	36.3
Cause unknown	0.11	8.1

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

Main equipment involved	SAIFI and SAIDI	
	SAIFI	SAIDI
Subtransmission lines	0.07	23.5
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	0.10	27.2
Distribution cables (excluding LV)	0.03	6.0
Distribution other (excluding LV)	-	-

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

Main equipment involved	SAIFI and SAIDI	
	SAIFI	SAIDI
Subtransmission lines	1.51	625.6
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	1.07	138.0
Distribution cables (excluding LV)	0.09	6.5
Distribution other (excluding LV)	0.03	5.1

**10(v): Fault Rate**

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission cables	-	7	-
Subtransmission other	-	-	-
Distribution lines (excluding LV)	290	1,999	14.51
Distribution cables (excluding LV)	11	186	5.93
Distribution other (excluding LV)	7	-	-
<b>Total</b>	<b>364</b>		