



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

Company Name	Nelson Electricity Limited
Disclosure Date	31 August 2015
Disclosure Year (year ended)	31 March 2015

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 24 March 2015

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Disclosure Template Instructions

These templates have been prepared for use by EDBs when making disclosures under clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012.

Company Name and Dates

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

The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

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

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

Data Entry Cells and Calculated Cells

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

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

Validation Settings on Data Entry Cells

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

Conditional Formatting Settings on Data Entry Cells

Schedule 2 cells G79 and I79:L79 will change colour if the total cashflows do not equal the corresponding values in table 2(ii).

Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

Schedule 9b columns AA to AE (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).

Schedule 9b cells AG10 to AG60 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

Schedule 9c cell G30 will change colour if G30 (overhead circuit length by terrain) does not equal G18 (overhead circuit length by operating voltage).

Inserting Additional Rows and Columns

The templates for schedules 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.

Additional rows in schedules 5c, 6a, and 9e must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

Schedules 5d and 5e may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from rows 77 and 78 of the respective templates to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 69:77, copy, select Excel row 78, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 70:78, copy, select Excel row 79, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted between column P and U. To avoid interfering with the title block entries, these should be inserted to the left of column S. If inserting additional columns, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The formulas can be found in the equivalent cells of the existing columns.

Disclosures by Sub-Network

If the supplier has sub-networks, schedules 8, 9a, 9b, 9c, 9e, and 10 must be completed for the network and for each sub-network. A copy of the schedule worksheet(s) must be made for each sub-network and named accordingly.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Electricity Distribution ID Determination 2012 (as issued on 24 March 2015). They provide a common reference between the rows in the determination and the template.

Description of Calculation References

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template and not the schedule reference.

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the schedules in the following order:

1. Coversheet
2. Schedules 5a–5e
3. Schedules 6a–6b
4. Schedule 8
5. Schedule 3
6. Schedule 4
7. Schedule 2
8. Schedule 7
9. Schedules 9a–9e
10. Schedule 10

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2015

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. 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 **1(i): Expenditure metrics**

	Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)
8					
9	Operational expenditure				
10	13,613	207	55,526	6,550	19,744
11	3,818	58	15,572	1,837	5,537
12	9,796	149	39,955	4,713	14,207
13	Expenditure on assets				
14	9,040	137	36,872	4,350	13,111
15	8,994	137	36,685	4,328	13,045
16	46	1	187	22	66

17 **1(ii): Revenue metrics**

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
18		
19	Total consumer line charge revenue	
20	74,779	1,136
21	74,779	1,136
22	-	-

23 **1(iii): Service intensity measures**

24			
25	Demand density	118	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
26	Volume density	481	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
27	Connection point density	32	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
28	Energy intensity	15,190	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

30 **1(iv): Composition of regulatory income**

	(\$000)	% of revenue	
31			
32	Operational expenditure	1,905	18.09%
33	Pass-through and recoverable costs excluding financial incentives and wash-ups	3,840	36.45%
34	Total depreciation	1,430	13.57%
35	Total revaluations	35	0.34%
36	Regulatory tax allowance	849	8.06%
37	Regulatory profit/(loss) including financial incentives and wash-ups	2,545	24.16%
38	Total regulatory income	10,534	

40 **1(v): Reliability**

41			
42	Interruption rate	9.28	Interruptions per 100 circuit km

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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 13	31 Mar 14	31 Mar 15
	%	%	%
2(i): Return on Investment			
ROI – comparable to a post tax WACC			
Reflecting all revenue earned	8.97%	7.23%	5.43%
Excluding revenue earned from financial incentives	8.97%	7.23%	5.43%
Excluding revenue earned from financial incentives and wash-ups	8.97%	7.23%	5.43%
Mid-point estimate of post tax WACC	5.85%	5.43%	6.10%
25th percentile estimate	5.13%	4.71%	5.39%
75th percentile estimate	6.56%	6.14%	6.82%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	9.75%	7.91%	6.21%
Excluding revenue earned from financial incentives	9.75%	7.91%	6.21%
Excluding revenue earned from financial incentives and wash-ups	9.75%	7.91%	6.21%
WACC rate used to set regulatory price path			7.19%
Mid-point estimate of vanilla WACC	6.62%	6.11%	6.89%
25th percentile estimate	5.91%	5.39%	6.17%
75th percentile estimate	7.34%	6.83%	7.60%
2(ii): Information Supporting the ROI			
			(\$000)
Total opening RAB value	42,203		
plus Opening deferred tax	(572)		
Opening RIV		41,631	
Line charge revenue		10,466	
Expenses cash outflow	5,746		
add Assets commissioned	1,093		
less Asset disposals	232		
add Tax payments	639		
less Other regulated income	68		
Mid-year net cash outflows		7,178	
Term credit spread differential allowance		–	
Total closing RAB value	41,669		
less Adjustment resulting from asset allocation	0		
less Lost and found assets adjustment	–		
plus Closing deferred tax	(781)		
Closing RIV		40,888	
ROI – comparable to a vanilla WACC			6.21%
Leverage (%)			44%
Cost of debt assumption (%)			6.36%
Corporate tax rate (%)			28%
ROI – comparable to a post tax WACC			5.43%

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

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

sch ref

2(iii): Information Supporting the Monthly ROI

61								
62								
63	Opening RIV							N/A
64								
65								
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows	
67	April							-
68	May							-
69	June							-
70	July							-
71	August							-
72	September							-
73	October							-
74	November							-
75	December							-
76	January							-
77	February							-
78	March							-
79	Total	-	-	-	-	-		-
80								
81	Tax payments							N/A
82								
83	Term credit spread differential allowance							N/A
84								
85	Closing RIV							N/A
86								
87								
88	Monthly ROI – comparable to a vanilla WACC							N/A
89								
90	Monthly ROI – comparable to a post tax WACC							N/A
91								

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

92			
93			
94	Year-end ROI – comparable to a vanilla WACC		6.04%
95			
96	Year-end ROI – comparable to a post tax WACC		5.25%
97			
98	* 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.		
99			

2(v): Financial Incentives and Wash-Ups

100			
101			
102	Net recoverable costs allowed under incremental rolling incentive scheme		-
103	Purchased assets – avoided transmission charge		
104	Energy efficiency and demand incentive allowance		
105	Quality incentive adjustment		
106	Other financial incentives		
107	Financial incentives		-
108			
109	Impact of financial incentives on ROI		-
110			
111	Input methodology claw-back		
112	Recoverable customised price-quality path costs		
113	Catastrophic event allowance		
114	Capex wash-up adjustment		
115	Transmission asset wash-up adjustment		
116	2013–2015 NPV wash-up allowance		
117	Reconsideration event allowance		
118	Other wash-ups		
119	Wash-up costs		-
120			
121	Impact of wash-up costs on ROI		-

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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 all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

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

sch ref

7 3(i): Regulatory Profit		(\$000)
8	Income	
9	Line charge revenue	10,466
10	plus Gains / (losses) on asset disposals	
11	plus Other regulated income (other than gains / (losses) on asset disposals)	68
12		
13	Total regulatory income	10,534
14	Expenses	
15	less Operational expenditure	1,905
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	3,840
18		
19	Operating surplus / (deficit)	4,789
20		
21	less Total depreciation	1,430
22		
23	plus Total revaluations	35
24		
25	Regulatory profit / (loss) before tax	3,394
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	849
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	2,545
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	27
36	Commerce Act levies	16
37	Industry levies	38
38	CPP specified pass through costs	
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	3,602
41	Transpower new investment contract charges	158
42	System operator services	
43	Distributed generation allowance	
44	Extended reserves allowance	
45	Other recoverable costs excluding financial incentives and wash-ups	
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	3,840
47		

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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 all sections and provide explanatory comment on their regulatory profit 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

		(\$000)	
		CY-1	CY
		31 Mar 14	31 Mar 15
48	3(iii): Incremental Rolling Incentive Scheme		
49			
50			
51	Allowed controllable opex		
52	Actual controllable opex		
53			
54	Incremental change in year		
55			
		Previous years' incremental change	Previous years' incremental change adjusted for inflation
56			
57	CY-5 31 Mar 10		
58	CY-4 31 Mar 11		
59	CY-3 31 Mar 12		
60	CY-2 31 Mar 13		
61	CY-1 31 Mar 14		
62	Net incremental rolling incentive scheme		-
63			
64	Net recoverable costs allowed under incremental rolling incentive scheme		-
65	3(iv): Merger and Acquisition Expenditure		
70			(\$000)
66	Merger and acquisition expenditure		
67			
68	<i>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)</i>		
69	3(v): Other Disclosures		
70			(\$000)
71	Self-insurance allowance		

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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 11 (\$000)	RAB 31 Mar 12 (\$000)	RAB 31 Mar 13 (\$000)	RAB 31 Mar 14 (\$000)	RAB 31 Mar 15 (\$000)
	Total opening RAB value	27,762	29,401	29,657	30,349	42,203
less	Total depreciation	1,124	1,128	1,161	1,173	1,430
plus	Total revaluations	670	462	255	465	35
plus	Assets commissioned	2,093	922	1,598	12,561	1,093
less	Asset disposals					232
plus	Lost and found assets adjustment					-
plus	Adjustment resulting from asset allocation					0
	Total closing RAB value	29,401	29,657	30,349	42,203	41,669

4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
	Total opening RAB value		42,203		42,203
less	Total depreciation		1,430		1,430
plus	Total revaluations		35		35
plus	Assets commissioned (other than below)	1,093		1,093	
	Assets acquired from a regulated supplier				
	Assets acquired from a related party				
	Assets commissioned		1,093		1,093
less	Asset disposals (other than below)	232		232	
	Asset disposals to a regulated supplier				
	Asset disposals to a related party				
	Asset disposals		232		232
plus	Lost and found assets adjustment				
plus	Adjustment resulting from asset allocation				0
	Total closing RAB value		41,669		41,669

* 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 services provided by the supplier that are not electricity distribution services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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

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

CPI _t	1,193
CPI _{t-4}	1,192
Revaluation rate (%)	0.08%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	42,203		42,203	
<i>less</i> Opening value of fully depreciated, disposed and lost assets				
Total opening RAB value subject to revaluation	42,203		42,203	
Total revaluations		35		35

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		11		11
<i>plus</i> Capital expenditure	1,212		1,212	
<i>less</i> Assets commissioned	1,093		1,093	
<i>plus</i> Adjustment resulting from asset allocation				
Works under construction - current disclosure year		131		131

Highest rate of capitalised finance applied

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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

76 4(v): Regulatory Depreciation

77
 78
 79 Depreciation - standard
 80 Depreciation - no standard life assets
 81 Depreciation - modified life assets
 82 Depreciation - alternative depreciation in accordance with CPP
 83 **Total depreciation**
 84

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
1,430		1,430	
	1,430		1,430

85 4(vi): Disclosure of Changes to Depreciation Profiles

(\$000 unless otherwise specified)

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

* include additional rows if needed

96 4(vii): Disclosure by Asset Category

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
Total opening RAB value	35	5,732	9,952	524	16,444	3,459	2,351	3,398	307	42,203
less Total depreciation	6	151	241	26	630	127	115	92	42	1,430
plus Total revaluations	0	5	8	0	14	3	2	3	0	35
plus Assets commissioned	70	46	674	23	89	59	16	111	5	1,093
less Asset disposals	-	-	232	-	-	-	-	-	-	232
plus Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
plus Adjustment resulting from asset allocation										-
plus Asset category transfers										-
Total closing RAB value	99	5,632	10,161	521	15,917	3,394	2,254	3,420	270	41,669
Asset Life										
Weighted average remaining asset life	-	38.1	26.7	26.1	25.4	24.5	16.5	23.1	1.6	(years)
Weighted average expected total asset life	60.0	50.4	42.9	56.5	54.4	54.8	40.0	44.2	7.4	(years)

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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 100.

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		3,394
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable		*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible		*
12	Amortisation of initial differences in asset values	704	
13	Amortisation of revaluations	98	
14			802
15			
16	<i>less</i> Total revaluations	35	
17	Income included in regulatory profit / (loss) before tax but not taxable		*
18	Discretionary discounts and customer rebates		*
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax		*
20	Notional deductible interest	1,130	
21			1,165
22			
23	Regulatory taxable income		3,031
24			
25	<i>less</i> Utilised tax losses		
26	Regulatory net taxable income		3,031
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		849

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

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

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

(\$000)

36	Opening unamortised initial differences in asset values	16,901	
37	<i>less</i> Amortisation of initial differences in asset values	704	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired		
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	257	
40	Closing unamortised initial differences in asset values		15,940
41			
42	Opening weighted average remaining useful life of relevant assets (years)		24

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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 130.

sch ref

44	5a(iv): Amortisation of Revaluations		(\$000)
45			
46	Opening sum of RAB values without revaluations	40,093	
47			
48	Adjusted depreciation	1,332	
49	Total depreciation	1,430	
50	Amortisation of revaluations		98
51			
52	5a(v): Reconciliation of Tax Losses		(\$000)
53			
54	Opening tax losses		
55	plus Current period tax losses		
56	less Utilised tax losses		
57	Closing tax losses		-
58	5a(vi): Calculation of Deferred Tax Balance		(\$000)
59			
60	Opening deferred tax	(572)	
61			
62	plus Tax effect of adjusted depreciation	373	
63			
64	less Tax effect of tax depreciation	450	
65			
66	plus Tax effect of other temporary differences*		
67			
68	less Tax effect of amortisation of initial differences in asset values	197	
69			
70	plus Deferred tax balance relating to assets acquired in the disclosure year		
71			
72	less Deferred tax balance relating to assets disposed in the disclosure year	(65)	
73			
74	plus Deferred tax cost allocation adjustment	(0)	
75			
76	Closing deferred tax		(781)
77			
78	5a(vii): Disclosure of Temporary Differences		
79	<i>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).</i>		
80			
81	5a(viii): Regulatory Tax Asset Base Roll-Forward		
82			(\$000)
83	Opening sum of regulatory tax asset values	20,820	
84	less Tax depreciation	1,607	
85	plus Regulatory tax asset value of assets commissioned	1,092	
86	less Regulatory tax asset value of asset disposals	0	
87	plus Lost and found assets adjustment		
88	plus Adjustment resulting from asset allocation		
89	plus Other adjustments to the RAB tax value		
90	Closing sum of regulatory tax asset values		20,304

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID determination.
 This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

5b(i): Summary—Related Party Transactions

(\$000)

Total regulatory income	6
Operational expenditure	196
Capital expenditure	-
Market value of asset disposals	
Other related party transactions	

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

Name of related party	Related party relationship
Network Tasman Limited	Shareholder (50%)
Marlborough Lines Limited	Shareholder (50%)

* include additional rows if needed

5b(iii): Related Party Transactions

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
Network Tasman Limited	Opex	Business Support	49	ID clause 2.3.6(1)(d)
Marlborough Lines Limited	Opex	Business Support	102	ID clause 2.3.6(1)(d)
Network Tasman Limited	Opex	Fibre Optic Charges	7	ID clause 2.3.6(1)(a)
Network Tasman Limited	Sales	Lease of Building Space	6	ID clause 2.3.6(1)(a)
Marlborough Lines Limited	Opex	Directors Fees	18	ID clause 2.3.6(1)(a)
Network Tasman Limited	Opex	Directors Fees	18	ID clause 2.3.6(1)(a)
Network Tasman Limited	Opex	Administration Fee	2	ID clause 2.3.6(1)(d)
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]

* include additional rows if needed

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

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

sch ref

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

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Cost of executing an interest rate swap	Debt issue cost readjustment
* include additional rows if needed						-	-	-	-

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

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

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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	OVABAA allocation increase (\$000s)
10	Service interruptions and emergencies					
11	Directly attributable		131			
12	Not directly attributable				-	
13	Total attributable to regulated service		131			
14	Vegetation management					
15	Directly attributable		59			
16	Not directly attributable				-	
17	Total attributable to regulated service		59			
18	Routine and corrective maintenance and inspection					
19	Directly attributable		280			
20	Not directly attributable				-	
21	Total attributable to regulated service		280			
22	Asset replacement and renewal					
23	Directly attributable		65			
24	Not directly attributable				-	
25	Total attributable to regulated service		65			
26	System operations and network support					
27	Directly attributable		406			
28	Not directly attributable				-	
29	Total attributable to regulated service		406			
30	Business support					
31	Directly attributable		965			
32	Not directly attributable				-	
33	Total attributable to regulated service		965			
34						
35	Operating costs directly attributable		1,905			
36	Operating costs not directly attributable	-	-	-	-	-
37	Operational expenditure		1,905			

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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

39 **5d(ii): Other Cost Allocations**

	(\$000)
40 Pass through and recoverable costs	
41 Pass through costs	
42 Directly attributable	81
43 Not directly attributable	
44 Total attributable to regulated service	81
45 Recoverable costs	
46 Directly attributable	3,760
47 Not directly attributable	
48 Total attributable to regulated service	3,760

50 **5d(iii): Changes in Cost Allocations* †**

		(\$000)	
		CY-1	Current Year (CY)
51 Change in cost allocation 1			
52 Cost category			
53 Original allocator or line items			
54 New allocator or line items			
55		-	-
56 Rationale for change			

		(\$000)	
		CY-1	Current Year (CY)
60 Change in cost allocation 2			
61 Cost category			
62 Original allocator or line items			
63 New allocator or line items			
64		-	-
65 Rationale for change			

		(\$000)	
		CY-1	Current Year (CY)
70 Change in cost allocation 3			
71 Cost category			
72 Original allocator or line items			
73 New allocator or line items			
74		-	-
75 Rationale for change			

78 * 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.
 79 † include additional rows if needed

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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	6a(i): Expenditure on Assets		(\$000)	(\$000)
8	Consumer connection			1
9	System growth			783
10	Asset replacement and renewal			458
11	Asset relocations			7
12	Reliability, safety and environment:			
13	Quality of supply			
14	Legislative and regulatory			
15	Other reliability, safety and environment		10	
16	Total reliability, safety and environment			10
17	Expenditure on network assets			1,259
18	Expenditure on non-network assets			6
19				
20	Expenditure on assets			1,265
21	plus Cost of financing			
22	less Value of capital contributions			53
23	plus Value of vested assets			
24				
25	Capital expenditure			1,212
26	6a(ii): Subcomponents of Expenditure on Assets (where known)			(\$000)
27	Energy efficiency and demand side management, reduction of energy losses			
28	Overhead to underground conversion			
29	Research and development			
30	6a(iii): Consumer Connection			
31	<i>Consumer types defined by EDB*</i>		(\$000)	(\$000)
32	Load Group 3		1	
33	[EDB consumer type]			
34	[EDB consumer type]			
35	[EDB consumer type]			
36	[EDB consumer type]			
37	<i>* include additional rows if needed</i>			
38	Consumer connection expenditure			1
39				
40	less Capital contributions funding consumer connection expenditure			
41	Consumer connection less capital contributions			1
42	6a(iv): System Growth and Asset Replacement and Renewal			
43			System Growth	Asset Replacement and Renewal
44			(\$000)	(\$000)
45	Subtransmission		46	70
46	Zone substations		674	-
47	Distribution and LV lines		-	23
48	Distribution and LV cables		(1)	134
49	Distribution substations and transformers		63	126
50	Distribution switchgear		-	5
51	Other network assets		1	100
52	System growth and asset replacement and renewal expenditure		783	458
53	less Capital contributions funding system growth and asset replacement and renewal			53
54	System growth and asset replacement and renewal less capital contributions		783	405
55				
56	6a(v): Asset Relocations			
57	<i>Project or programme*</i>		(\$000)	(\$000)
58	[Description of material project or programme]			
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 projects or programmes - asset relocations		7	
65	Asset relocations expenditure			7
66	less Capital contributions funding asset relocations			
67	Asset relocations less capital contributions			7

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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

68				
69	6a(vi): Quality of Supply			
70	Project or programme*		(\$000)	(\$000)
71	[Description of material project or programme]			
72	[Description of material project or programme]			
73	[Description of material project or programme]			
74	[Description of material project or programme]			
75	[Description of material project or programme]			
76	* include additional rows if needed			
77	All other projects programmes - quality of supply			
78	Quality of supply expenditure			-
79	less Capital contributions funding quality of supply			
80	Quality of supply less capital contributions			-
81	6a(vii): Legislative and Regulatory			
82	Project or programme*		(\$000)	(\$000)
83	[Description of material project or programme]			
84	[Description of material project or programme]			
85	[Description of material project or programme]			
86	[Description of material project or programme]			
87	[Description of material project or programme]			
88	* include additional rows if needed			
89	All other projects or programmes - legislative and regulatory			
90	Legislative and regulatory expenditure			-
91	less Capital contributions funding legislative and regulatory			
92	Legislative and regulatory less capital contributions			-
93	6a(viii): Other Reliability, Safety and Environment			
94	Project or programme*		(\$000)	(\$000)
95	[Description of material project or programme]			
96	[Description of material project or programme]			
97	[Description of material project or programme]			
98	[Description of material project or programme]			
99	[Description of material project or programme]			
100	* include additional rows if needed			
101	All other projects or programmes - other reliability, safety and environment		10	
102	Other reliability, safety and environment expenditure			10
103	less Capital contributions funding other reliability, safety and environment			
104	Other reliability, safety and environment less capital contributions			10
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	Project or programme*		(\$000)	(\$000)
109	[Description of material project or programme]			
110	[Description of material project or programme]			
111	[Description of material project or programme]			
112	[Description of material project or programme]			
113	[Description of material project or programme]			
114	* include additional rows if needed			
115	All other projects or programmes - routine expenditure		6	
116	Routine expenditure			6
117	Atypical expenditure			
118	Project or programme*		(\$000)	(\$000)
119	[Description of material project or programme]			
120	[Description of material project or programme]			
121	[Description of material project or programme]			
122	[Description of material project or programme]			
123	[Description of material project or programme]			
124	* include additional rows if needed			
125	All other projects or programmes - atypical expenditure			
126	Atypical expenditure			-
127				
128	Expenditure on non-network assets			6

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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

This schedule requires a breakdown of operational 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 operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.

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

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure		
8	Service interruptions and emergencies	131	
9	Vegetation management	59	
10	Routine and corrective maintenance and inspection	280	
11	Asset replacement and renewal	65	
12	Network opex		534
13	System operations and network support	406	
14	Business support	965	
15	Non-network opex		1,371
16			
17	Operational expenditure		1,905
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		
20	Direct billing*		
21	Research and development		
22	Insurance		126
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name **Nelson Electricity Limited**
For Year Ended **31 March 2015**

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(i): Revenue		Target (\$000) ¹	Actual (\$000)	% variance
7				
8	Line charge revenue	10,795	10,466	(3%)
7(ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
9				
10	Consumer connection	–	1	–
11	System growth	235	783	233%
12	Asset replacement and renewal	520	458	(12%)
13	Asset relocations	–	7	–
14	Reliability, safety and environment:			
15	Quality of supply	–	–	–
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	130	10	(92%)
18	Total reliability, safety and environment	130	10	(92%)
19	Expenditure on network assets	885	1,259	42%
20	Expenditure on non-network assets	–	6	–
21	Expenditure on assets	885	1,265	43%
7(iii): Operational Expenditure				
22				
23	Service interruptions and emergencies	144	131	(9%)
24	Vegetation management	30	59	95%
25	Routine and corrective maintenance and inspection	250	280	12%
26	Asset replacement and renewal	375	65	(83%)
27	Network opex	799	534	(33%)
28	System operations and network support	258	406	57%
29	Business support	1,342	965	(28%)
30	Non-network opex	1,600	1,371	(14%)
31	Operational expenditure	2,399	1,905	(21%)
7(iv): Subcomponents of Expenditure on Assets (where known)				
32				
33	Energy efficiency and demand side management, reduction of energy losses		–	–
34	Overhead to underground conversion		–	–
35	Research and development		–	–
36				
7(v): Subcomponents of Operational Expenditure (where known)				
37				
38	Energy efficiency and demand side management, reduction of energy losses		–	–
39	Direct billing		–	–
40	Research and development		–	–
41	Insurance		126	–
42				

¹ From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination

² From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2015
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

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8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	
Load Group 0	Unmetered	Standard	52	1,324	
Load Group 1	Residential Low User	Standard	3,089	13,060	
Load Group 2	Residential and Small Business	Standard	6,000	46,599	
Load Group 3	Time of Use	Standard	92	47,058	
Load Group 4	Large TOU	Standard	1	13,513	
Standard consumer totals				9,214	139,960
Non-standard consumer totals				-	-
Total for all consumers				9,214	139,960

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

Price component	Billed quantities by price component															
	Streetlight	0-Builders Temporary	0-Unmetered	Group 1 Fixed	Group 1 Variable	Group 1 Distributed Generation	Group 2 Fixed	Group 2 Variable	Group 2 Distributed Generation	TOU - Capacity	TOU - Winter-Demand	TOU - Installation	TOU - Variable	TOU - Power Factor	TOU Group 4	TOU Group 4 - Power Factor
Days	Days	Days	kVA	kWh	kWh	kVA	kWh	kWh	kVA	kVA	Days	kWh	kVAh	Month	kVAh	
	365	5,121	9,938	11,399,060	14,093,148	55,011	46,597,812	67,324,503	75,129	10,245,087	3,994,525	32,509	34,033,650	7,083	12	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	365	5,121	9,938	11,399,060	14,093,148	55,011	46,597,812	67,324,503	75,129	10,245,087	3,994,525	32,509	34,033,650	7,083	12	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	365	5,121	9,938	11,399,060	14,093,148	55,011	46,597,812	67,324,503	75,129	10,245,087	3,994,525	32,509	34,033,650	7,083	12	-

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

Company Name: **Nelson Electricity Limited**
 For Year Ended: **31 March 2015**
 Network / Sub-Network Name:

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

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

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 forgone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, \$ per day, \$ per kWh, etc.)	Price component														Add extra columns for additional line charge revenues by price component as necessary		
								Streetlight	0-Builders Temporary	0-Unmetered	Group 1 Fixed	Group 1 Variable	Group 1 Distributed Generation	Group 2 Fixed	Group 2 Variable	Group 2 Distributed Generation	TDU - Capacity	TDU - Winter Demand	TDU - Installation	TDU - Variable	TDU - Power Factor		TDU Group 4	TDU Group 4 - Power Factor
								Days	Days	Days	kVA	kWh	kWh	kVA	kWh	kWh	kVA	kVA	Days	kWh	kVAh	Month	kVAh	
Load Group 0	Unmetered	Standard	\$121		\$121			\$108	\$6	\$7														
Load Group 1	Residential Low User	Standard	\$1,297		\$1,297						\$114	\$1,141												
Load Group 2	Residential and Small Business	Standard	\$6,146		\$6,147									\$2,787	\$3,359									
Load Group 3	Time of Use	Standard	\$2,469		\$2,469													\$579	\$1,162	\$40	\$638	\$50	\$473	
Load Group 4	Large TOU	Standard	\$473		\$473																			
Add extra rows for additional consumer groups or price category codes as necessary																								
Standard consumer totals			\$10,466		\$10,466			\$108	\$6	\$7	\$114	\$1,141		\$2,787	\$3,359		\$579	\$1,162	\$40	\$638	\$50	\$473		
Non-standard consumer totals																								
Total for all consumers			\$10,466		\$10,466			\$108	\$6	\$7	\$114	\$1,141		\$2,787	\$3,359		\$579	\$1,162	\$40	\$638	\$50	\$473		

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end:

Check:

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2015
Network / Sub-network Name	

SCHEDULE 9a: ASSET REGISTER

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

sch ref

sch ref	Voltage	Asset category	Asset class	Units	Items at start of	Items at end of	Net change	Data accuracy
					year (quantity)	year (quantity)		(1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	712	712	-	2
9	All	Overhead Line	Wood poles	No.	203	188	(15)	2
10	All	Overhead Line	Other pole types	No.	-	-	-	2
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	1	1	-	2
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	2
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	12	12	(0)	2
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	2
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	2
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	6	6	-	2
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	2
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	2
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	2
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	2
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	2
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	2	1	(1)	2
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	2
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	2
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-	2
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	2
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	16	2	(14)	2
28	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	2
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	10	10	-	2
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	3	-	(3)	2
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	41	-	(41)	2
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	2	-	(2)	2
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	10	3	(7)	2
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	6	6	0	2
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	2
36	HV	Distribution Line	SWER conductor	km	2	2	-	2
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	23	23	(0)	2
38	HV	Distribution Cable	Distribution UG PILC	km	51	51	0	2
39	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	2
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	1	1	-	2
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	41	-	(41)	2
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	25	-	(25)	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	46	-	(46)	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	261	-	(261)	2
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	18	16	(2)	2
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	180	178	(2)	2
47	HV	Distribution Transformer	Voltage regulators	No.	-	-	-	2
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	181	-	(181)	2
49	LV	LV Line	LV OH Conductor	km	23	-	(23)	2
50	LV	LV Cable	LV UG Cable	km	173	-	(173)	2
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	71	-	(71)	2
52	LV	Connections	OH/UG consumer service connections	No.	9,173	-	(9,173)	2
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	90	-	(90)	2
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.	1	-	(1)	2
56	All	Load Control	Centralised plant	Lot	3	-	(3)	2
57	All	Load Control	Relays	No.	-	-	#VALUE!	2
58	All	Civils	Cable Tunnels	km	-	-	-	2

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**
 Network / Sub-network Name

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref	Disclosure Year (year ended)	Number of assets at disclosure year end by installation date																				No. with age unknown	end of year (quantity)	No. with default dates	Data accuracy (1-4)							
		pre-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012					2013	2014	2015				
8	31 March 2015																															
9	Voltage																															
10	All	Overhead Line	Concrete poles / steel structure	No.	21	1	43	241	87	124	35	7	6	24	2	8	4	7	7	9	26	8	1	4	1	2	12	1	679	(select one)		
11	All	Overhead Line	Wood poles	No.	1		8	24	19	13	4	3	1	4		2	7	1	4	1	3		1	4	1			104	(select one)			
12	All	Overhead Line	Other pole types	No.																										(select one)		
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km			7																					7	(select one)			
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km																										(select one)		
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km					4	1																		12	(select one)			
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km																										(select one)		
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km																										(select one)		
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km																									6	(select one)		
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km					3	2																				(select one)		
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km																										(select one)		
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																										(select one)		
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km																										(select one)		
23	HV	Subtransmission Cable	Subtransmission submarine cable	km																										(select one)		
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.																							1		1	(select one)		
25	HV	Zone substation Buildings	Zone substations 110kV+	No.																										(select one)		
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.																										(select one)		
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.																										(select one)		
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.																										(select one)		
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.																										(select one)		
30	HV	Zone substation switchgear	33kV RMU	No.																										(select one)		
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.																							10		10	(select one)		
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.																										(select one)		
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.																										(select one)		
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.																										(select one)		
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.																								3		3	(select one)	
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km			1	4	1				0								0									6	(select one)	
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km																										(select one)		
38	HV	Distribution Line	SWER conductor	km																										(select one)		
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km				0	4	14	3	0								0	0	0	0							0	23	(select one)
40	HV	Distribution Cable	Distribution UG PILC	km	1			0	7	14	6	2	3			0	2	3	0	0	1	3	2	2	1	1	0			0	51	(select one)
41	HV	Distribution Cable	Distribution Submarine Cable	km																											(select one)	
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.																									1		1	(select one)
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.																											(select one)	
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.																											(select one)	
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.																											(select one)	
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.																											(select one)	
47	HV	Distribution Transformer	Pole Mounted Transformer	No.																											(select one)	
48	HV	Distribution Transformer	Ground Mounted Transformer	No.																											(select one)	
49	HV	Distribution Transformer	Voltage regulators	No.																											(select one)	
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.																											(select one)	
51	LV	LV Line	LV OH Conductor	km																											(select one)	
52	LV	LV Cable	LV UG Cable	km																											(select one)	
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	1			0	23	27	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	71	(select one)	
54	LV	Connections	OH/UG consumer service connections	No.																											(select one)	
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.				9	9		8																			90	(select one)	
56	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot																							6	8	12	40	(select one)	
57	All	Capacitor Banks	Capacitors including controls	No.																											(select one)	
58	All	Load Control	Centralised plant	Lot																											(select one)	
59	All	Load Control	Relays	Lot																										1	(select one)	
60	All	Civils	Cable Tunnels	km																											(select one)	

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2015
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

9			
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)
11	> 66kV		
12	50kV & 66kV		
13	33kV	1	12
14	SWER (all SWER voltages)	2	
15	22kV (other than SWER)		
16	6.6kV to 11kV (inclusive—other than SWER)	6	74
17	Low voltage (< 1kV)	23	173
18	Total circuit length (for supply)	32	259
19			
20	Dedicated street lighting circuit length (km)	1	70
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		
22			
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)
24	Urban	30	94%
25	Rural		
26	Remote only	2	6%
27	Rugged only		
28	Remote and rugged		
29	Unallocated overhead lines		
30	Total overhead length	32	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	291	100%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	32	100%

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2015**

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			
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

Company Name **Nelson Electricity Limited**

For Year Ended **31 March 2015**

Network / Sub-network Name

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref

9e(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by EDB*

Load Group 0
Load Group 1
Load Group 2
Load Group 3
[EDB consumer type]

* include additional rows if needed

Number of connections (ICPs)

16
1
55
1

Connections total

73

Distributed generation

Number of connections made in year

20	connections
----	-------------

Capacity of distributed generation installed in year

0.07	MVA
------	-----

9e(ii): System Demand

Maximum coincident system demand

GXP demand

34

plus Distributed generation output at HV and above

Maximum coincident system demand

34

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

Demand on system for supply to consumers' connection points

34

Electricity volumes carried

Electricity supplied from GXPs

145

less Electricity exports to GXPs

-

plus Electricity supplied from distributed generation

0

less Net electricity supplied to (from) other EDBs

Electricity entering system for supply to consumers' connection points

145

less Total energy delivered to ICPs

140

Electricity losses (loss ratio)

5	3.3%
---	------

Load factor

0.48

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

(MVA)

97

Distribution transformer capacity (Non-EDB owned, estimated)

-

Total distribution transformer capacity

97

Zone substation transformer capacity

48

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2015
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

sch ref

8	10(i): Interruptions		
9	Interruptions by class	Number of interruptions	
10	Class A (planned interruptions by Transpower)		–
11	Class B (planned interruptions on the network)		18
12	Class C (unplanned interruptions on the network)		9
13	Class D (unplanned interruptions by Transpower)		–
14	Class E (unplanned interruptions of EDB owned generation)		
15	Class F (unplanned interruptions of generation owned by others)		
16	Class G (unplanned interruptions caused by another disclosing entity)		
17	Class H (planned interruptions caused by another disclosing entity)		
18	Class I (interruptions caused by parties not included above)		
19	Total		27
20			
21	Interruption restoration	≤3Hrs	>3hrs
22	Class C interruptions restored within	8	1
23			
24	SAIFI and SAIDI by class	SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	–	–
26	Class B (planned interruptions on the network)	0.90	2.5
27	Class C (unplanned interruptions on the network)	0.67	17.4
28	Class D (unplanned interruptions by Transpower)	–	–
29	Class E (unplanned interruptions of EDB owned generation)		
30	Class F (unplanned interruptions of generation owned by others)		
31	Class G (unplanned interruptions caused by another disclosing entity)		
32	Class H (planned interruptions caused by another disclosing entity)		
33	Class I (interruptions caused by parties not included above)		
34	Total	1.57	19.9
35			
36	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)		
38			
39	Quality path normalised reliability limit	SAIFI reliability limit	SAIDI reliability limit
40	SAIFI and SAIDI limits applicable to disclosure year*		
41	* not applicable to exempt EDBs		

Company Name **Nelson Electricity Limited**For Year Ended **31 March 2015**

Network / Sub-network Name

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

This schedule requires a summary of the key measures of network reliability (interruptions, SAIFI, 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.

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

Cause	SAIFI	SAIDI
Lightning	–	–
Vegetation	0.00	1.2
Adverse weather	0.03	0.9
Adverse environment	–	–
Third party interference	–	–
Wildlife	0.43	8.7
Human error	0.19	4.7
Defective equipment	0.02	1.8
Cause unknown	0.00	0.0

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	–	–
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.00	0.2
Distribution cables (excluding LV)	0.89	1.9
Distribution other (excluding LV)	0.01	0.4

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	–	–
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.46	10.9
Distribution cables (excluding LV)	0.16	3.2
Distribution other (excluding LV)	0.05	3.3

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	–	1	–
Subtransmission cables	–	18	–
Subtransmission other	–	–	–
Distribution lines (excluding LV)	4	6	64.21
Distribution cables (excluding LV)	2	74	2.72
Distribution other (excluding LV)	3	–	–
Total	9		