



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

Company Name	<input type="text" value="Nelson Electricity Limited"/>
Disclosure Date	<input type="text" value="23 August 2019"/>
Disclosure Year (year ended)	<input type="text" value="31 March 2019"/>

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 21 December 2017

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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 21 December 2017). 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 2019**

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)
Operational expenditure	15,031	233	63,118	7,212	21,248
Network	5,372	83	22,559	2,578	7,594
Non-network	9,659	150	40,559	4,634	13,653
Expenditure on assets	13,203	204	55,440	6,335	18,663
Network	12,427	192	52,183	5,963	17,566
Non-network	776	12	3,258	372	1,097

17 1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	69,587	1,077
Standard consumer line charge revenue	69,436	991
Non-standard consumer line charge revenue	71,358	399,628

23 1(iii): Service intensity measures

Demand density	114	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	480	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	31	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	15,484	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

30 1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	2,146	21.57%
Pass-through and recoverable costs excluding financial incentives and wash-ups	3,359	33.76%
Total depreciation	1,447	14.54%
Total revaluations	610	6.13%
Regulatory tax allowance	862	8.66%
Regulatory profit/(loss) including financial incentives and wash-ups	2,747	27.61%
Total regulatory income	9,951	

40 1(v): Reliability

Interruption rate	6.05	Interruptions per 100 circuit km
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Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If an EDB makes this election, information supporting this calculation must be provided in 2(iii).

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

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

sch ref

2(i): Return on Investment		CY-2	CY-1	Current Year CY
		31 Mar 17	31 Mar 18	31 Mar 19
		%	%	%
7	ROI – comparable to a post tax WACC			
8				
9	Reflecting all revenue earned	8.13%	6.51%	6.43%
10	Excluding revenue earned from financial incentives	8.13%	6.51%	6.31%
11	Excluding revenue earned from financial incentives and wash-ups	8.13%	6.51%	6.26%
12				
13				
14	Mid-point estimate of post tax WACC	4.77%	5.04%	4.75%
15	25th percentile estimate	4.05%	4.36%	4.07%
16	75th percentile estimate	5.48%	5.72%	5.43%
17				
18				
19	ROI – comparable to a vanilla WACC			
20	Reflecting all revenue earned	8.67%	7.10%	6.94%
21	Excluding revenue earned from financial incentives	8.67%	7.10%	6.82%
22	Excluding revenue earned from financial incentives and wash-ups	8.67%	7.10%	6.77%
23				
24	WACC rate used to set regulatory price path	7.19%	7.19%	7.19%
25				
26	Mid-point estimate of vanilla WACC	5.31%	5.60%	5.26%
27	25th percentile estimate	4.59%	4.92%	4.58%
28	75th percentile estimate	6.03%	6.29%	5.94%
29				
30	2(ii): Information Supporting the ROI			
31				
32	Total opening RAB value	41,111		
33	plus Opening deferred tax	(1,441)		
34	Opening RIV		39,670	
35				
36	Line charge revenue		9,935	
37				
38	Expenses cash outflow	5,505		
39	add Assets commissioned	1,659		
40	less Asset disposals	–		
41	add Tax payments	682		
42	less Other regulated income	16		
43	Mid-year net cash outflows		7,830	
44				
45	Term credit spread differential allowance		–	
46				
47	Total closing RAB value	41,934		
48	less Adjustment resulting from asset allocation	–		
49	less Lost and found assets adjustment	–		
50	plus Closing deferred tax	(1,621)		
51	Closing RIV		40,313	
52				
53	ROI – comparable to a vanilla WACC			6.94%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			4.33%
57	Corporate tax rate (%)			28%
58				
59	ROI – comparable to a post tax WACC			6.43%
60				

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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).

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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		6.56%
95			
96	Year-end ROI – comparable to a post tax WACC		6.05%
97			
98	<i>* 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.</i>		
99			

2(v): Financial Incentives and Wash-Ups

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		64
106	Other financial incentives		-
107	Financial incentives		64
108			
109	Impact of financial incentives on ROI		0.12%
110			
111	Input methodology claw-back		-
112	CPP application recoverable costs		-
113	Catastrophic event allowance		-
114	Capex wash-up adjustment		27
115	Transmission asset wash-up adjustment		-
116	2013–15 NPV wash-up allowance		-
117	Reconsideration event allowance		-
118	Other wash-ups		-
119	Wash-up costs		27
120			
121	Impact of wash-up costs on ROI		0.05%

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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	9,935
10	plus Gains / (losses) on asset disposals	5
11	plus Other regulated income (other than gains / (losses) on asset disposals)	11
12		
13	Total regulatory income	9,951
14	Expenses	
15	less Operational expenditure	2,146
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	3,359
18		
19	Operating surplus / (deficit)	4,446
20		
21	less Total depreciation	1,447
22		
23	plus Total revaluations	610
24		
25	Regulatory profit / (loss) before tax	3,609
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	862
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	2,747
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	33
36	Commerce Act levies	24
37	Industry levies	45
38	CPP specified pass through costs	-
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	3,257
41	Transpower new investment contract charges	-
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	3,359
47		

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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 31 Mar 18	CY 31 Mar 19
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 14		
58	CY-4 31 Mar 15		
59	CY-3 31 Mar 16		
60	CY-2 31 Mar 17		
61	CY-1 31 Mar 18		
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 2019**

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 15 (\$000)	RAB 31 Mar 16 (\$000)	RAB 31 Mar 17 (\$000)	RAB 31 Mar 18 (\$000)	RAB 31 Mar 19 (\$000)
	Total opening RAB value	42,203	41,669	41,100	41,246	41,111
	less Total depreciation	1,430	1,394	1,391	1,426	1,447
	plus Total revaluations	35	244	890	454	610
	plus Assets commissioned	1,093	581	647	934	1,659
	less Asset disposals	232	-	-	97	-
	plus Lost and found assets adjustment	-	-	-	-	-
	plus Adjustment resulting from asset allocation	-	-	-	0	-
	Total closing RAB value	41,669	41,100	41,246	41,111	41,934

4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
	Total opening RAB value		41,111		41,111
	less Total depreciation		1,447		1,447
	plus Total revaluations		610		610
	plus Assets commissioned (other than below)	1,659		1,659	
	Assets acquired from a regulated supplier	-		-	
	Assets acquired from a related party	-		-	
	Assets commissioned		1,659		1,659
	less Asset disposals (other than below)	-		-	
	Asset disposals to a regulated supplier	-		-	
	Asset disposals to a related party	-		-	
	Asset disposals		-		-
	plus Lost and found assets adjustment		-		-
	plus Adjustment resulting from asset allocation				-
	Total closing RAB value		41,934		41,934

* 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 2019**

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

51

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

54	CPI _t	1,026
55	CPI _{t-4}	1,011
56	Revaluation rate (%)	1.48%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
60	Total opening RAB value	41,111	41,111	41,111
61	less Opening value of fully depreciated, disposed and lost assets	-	-	-
63	Total opening RAB value subject to revaluation	41,111	41,111	41,111
64	Total revaluations		610	610

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
68	Works under construction—preceding disclosure year	78	78	78
69	plus Capital expenditure	1,783	1,783	1,783
70	less Assets commissioned	1,659	1,659	1,659
71	plus Adjustment resulting from asset allocation	-	-	-
72	Works under construction - current disclosure year	201	201	201

74 Highest rate of capitalised finance applied

75

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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**

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
79 Depreciation - standard	1,447		1,447	
80 Depreciation - no standard life assets				
81 Depreciation - modified life assets				
82 Depreciation - alternative depreciation in accordance with CPP				
83 Total depreciation		1,447		1,447

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
99 Total opening RAB value	-	5,392	9,858	632	15,329	4,052	2,023	3,571	253	41,111
100 less Total depreciation	-	163	243	28	629	143	109	111	20	1,447
101 plus Total revaluations	-	80	146	9	227	60	30	53	4	610
102 plus Assets commissioned	-	-	20	20	288	585	544	106	96	1,659
103 less Asset disposals	-	-	-	-	-	-	-	-	-	-
104 plus Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
105 plus Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	-	-
106 plus Asset category transfers	-	-	-	-	-	-	-	-	-	-
107 Total closing RAB value	-	5,310	9,782	634	15,216	4,554	2,487	3,619	333	41,934
109 Asset Life										
110 Weighted average remaining asset life	-	33.9	27.9	25.9	21.8	26.6	14.4	21.2	2.1	(years)
111 Weighted average expected total asset life	-	50.4	44.5	57.9	54.3	54.7	39.9	44.5	8.4	(years)

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		3,609
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	693	
13	Amortisation of revaluations	93	
14			786
15			
16	<i>less</i> Total revaluations	610	
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	706	
21			1,316
22			
23	Regulatory taxable income		3,078
24			
25	<i>less</i> Utilised tax losses	-	
26	Regulatory net taxable income		3,078
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		862

* 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).

		(\$000)	
34	5a(iii): Amortisation of Initial Difference in Asset Values		
35			
36	Opening unamortised initial differences in asset values	13,861	
37	<i>less</i> Amortisation of initial differences in asset values	693	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	-	
40	Closing unamortised initial differences in asset values		13,168
41			
42	Opening weighted average remaining useful life of relevant assets (years)		20
43			

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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	37,930	
47			
48	Adjusted depreciation	1,354	
49	Total depreciation	1,447	
50	Amortisation of revaluations		93
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	(1,441)	
61			
62	plus Tax effect of adjusted depreciation	379	
63			
64	less Tax effect of tax depreciation	363	
65			
66	plus Tax effect of other temporary differences*	(2)	
67			
68	less Tax effect of amortisation of initial differences in asset values	194	
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	-	
73			
74	plus Deferred tax cost allocation adjustment	-	
75			
76	Closing deferred tax		(1,621)
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	18,165	
84	less Tax depreciation	1,297	
85	plus Regulatory tax asset value of assets commissioned	1,655	
86	less Regulatory tax asset value of asset disposals	-	
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		18,523

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

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

sch ref

5b(i): Summary—Related Party Transactions		(\$000)	(\$000)
7	Total regulatory income		8
8			
9			
10	Market value of asset disposals		-
11			
12	Service interruptions and emergencies	-	
13	Vegetation management	-	
14	Routine and corrective maintenance and inspection	-	
15	Asset replacement and renewal (opex)	-	
16	Network opex		-
17	Business support	153	
18	System operations and network support	49	
19	Operational expenditure		202
20	Consumer connection	-	
21	System growth	-	
22	Asset replacement and renewal (capex)	-	
23	Asset relocations	-	
24	Quality of supply	-	
25	Legislative and regulatory	-	
26	Other reliability, safety and environment	-	
27	Expenditure on non-network assets		-
28	Expenditure on assets		-
29	Cost of financing		
30	Value of capital contributions		
31	Value of vested assets		
32	Capital Expenditure		-
33	Total expenditure		202
34			
35	Other related party transactions		

5b(iii): Total Opex and Capex Related Party Transactions

Name of related party	Nature of opex or capex service provided	Total value of transactions (\$000)
Marlborough Lines Ltd (50% shareholder)	Business support	124
Network Tasman Ltd (50% shareholder)	System operations and network support	49
Network Tasman Ltd (50% shareholder)	Business support	29
We have not repeated the Key Management Personal disclosures from the 31 March financial statements in these disclosures.		
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
Total value of related party transactions		202

* include additional rows if needed

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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 **5c(i): Qualifying Debt (may be Commission only)**
9

10	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	Debt issue cost readjustment
11									
12									
13									
14									
15									
16	* include additional rows if needed						-	-	-

17
18 **5c(ii): Attribution of Term Credit Spread Differential**

19	Gross term credit spread differential								
20									
21									
22	Total book value of interest bearing debt								
23	Leverage		42%						
24	Average opening and closing RAB values								
25	Attribution Rate (%)								
26									
27	Term credit spread differential allowance								

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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

		Value allocated (\$000s)				
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)
7	5d(i): Operating Cost Allocations					
8						
9						
10	Service interruptions and emergencies					
11	Directly attributable		176			
12	Not directly attributable				-	
13	Total attributable to regulated service		176			
14	Vegetation management					
15	Directly attributable		31			
16	Not directly attributable				-	
17	Total attributable to regulated service		31			
18	Routine and corrective maintenance and inspection					
19	Directly attributable		479			
20	Not directly attributable				-	
21	Total attributable to regulated service		479			
22	Asset replacement and renewal					
23	Directly attributable		81			
24	Not directly attributable				-	
25	Total attributable to regulated service		81			
26	System operations and network support					
27	Directly attributable		409			
28	Not directly attributable				-	
29	Total attributable to regulated service		409			
30	Business support					
31	Directly attributable		970			
32	Not directly attributable				-	
33	Total attributable to regulated service		970			
34						
35	Operating costs directly attributable		2,146			
36	Operating costs not directly attributable	-	-	-	-	-
37	Operational expenditure		2,146			
38						

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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	102
43	Not directly attributable	
44	Total attributable to regulated service	102
45	Recoverable costs	
46	Directly attributable	3,257
47	Not directly attributable	
48	Total attributable to regulated service	3,257

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

		(\$000)	
		CY-1	Current Year (CY)
52	Change in cost allocation 1		
53	Cost category		
54	Original allocator or line items		
55	New allocator or line items		
56			
57	Rationale for change		
58			
59			

		(\$000)	
		CY-1	Current Year (CY)
62	Change in cost allocation 2		
63	Cost category		
64	Original allocator or line items		
65	New allocator or line items		
66			
67	Rationale for change		
68			

		(\$000)	
		CY-1	Current Year (CY)
72	Change in cost allocation 3		
73	Cost category		
74	Original allocator or line items		
75	New allocator or line items		
76			
77	Rationale for change		

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

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

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

sch ref

5e(i): Regulated Service Asset Values

	Value allocated (\$000s)
Electricity distribution services	
Subtransmission lines	
Directly attributable	–
Not directly attributable	–
Total attributable to regulated service	–
Subtransmission cables	
Directly attributable	5,310
Not directly attributable	–
Total attributable to regulated service	5,310
Zone substations	
Directly attributable	9,782
Not directly attributable	–
Total attributable to regulated service	9,782
Distribution and LV lines	
Directly attributable	634
Not directly attributable	–
Total attributable to regulated service	634
Distribution and LV cables	
Directly attributable	15,216
Not directly attributable	–
Total attributable to regulated service	15,216
Distribution substations and transformers	
Directly attributable	4,554
Not directly attributable	–
Total attributable to regulated service	4,554
Distribution switchgear	
Directly attributable	2,487
Not directly attributable	–
Total attributable to regulated service	2,487
Other network assets	
Directly attributable	3,619
Not directly attributable	–
Total attributable to regulated service	3,619
Non-network assets	
Directly attributable	333
Not directly attributable	–
Total attributable to regulated service	333
Regulated service asset value directly attributable	41,934
Regulated service asset value not directly attributable	–
Total closing RAB value	41,934

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

			(\$000)	
			CY-1	Current Year (CY)
Change in asset value allocation 1				
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
Rationale for change				
Change in asset value allocation 2				
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
Rationale for change				
Change in asset value allocation 3				
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
Rationale for change				

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

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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)
6a(i): Expenditure on Assets		
Consumer connection		33
System growth		157
Asset replacement and renewal		1,075
Asset relocations		94
Reliability, safety and environment:		
Quality of supply	-	
Legislative and regulatory	-	
Other reliability, safety and environment	414	
Total reliability, safety and environment		414
Expenditure on network assets		1,774
Expenditure on non-network assets		111
Expenditure on assets		1,885
plus Cost of financing		-
less Value of capital contributions		102
plus Value of vested assets		-
Capital expenditure		1,783

	(\$000)
6a(ii): Subcomponents of Expenditure on Assets (where known)	
Energy efficiency and demand side management, reduction of energy losses	
Overhead to underground conversion	
Research and development	

	(\$000)	(\$000)
6a(iii): Consumer Connection		
<i>Consumer types defined by EDB*</i>		
Group 3	33	
[EDB consumer type]		
[EDB consumer type]		
[EDB consumer type]		
[EDB consumer type]		
<i>* include additional rows if needed</i>		
Consumer connection expenditure		33
less Capital contributions funding consumer connection expenditure	-	
Consumer connection less capital contributions		33

	System Growth (\$000)	Asset Replacement and Renewal (\$000)
6a(iv): System Growth and Asset Replacement and Renewal		
Subtransmission	-	-
Zone substations	-	-
Distribution and LV lines	-	29
Distribution and LV cables	54	292
Distribution substations and transformers	103	107
Distribution switchgear	-	532
Other network assets	-	115
System growth and asset replacement and renewal expenditure	157	1,075
less Capital contributions funding system growth and asset replacement and renewal		24
System growth and asset replacement and renewal less capital contributions	157	1,051

	(\$000)	(\$000)
6a(v): Asset Relocations		
<i>Project or programme*</i>		
[Description of material project or programme]		
[Description of material project or programme]		
[Description of material project or programme]		
[Description of material project or programme]		
[Description of material project or programme]		
<i>* include additional rows if needed</i>		
All other projects or programmes - asset relocations	94	
Asset relocations expenditure		94
less Capital contributions funding asset relocations	78	
Asset relocations less capital contributions		17

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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		414	
102	Other reliability, safety and environment expenditure			414
103	less Capital contributions funding other reliability, safety and environment			
104	Other reliability, safety and environment less capital contributions			414
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		111	
116	Routine expenditure			111
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			111

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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	176	
9	Vegetation management	31	
10	Routine and corrective maintenance and inspection	479	
11	Asset replacement and renewal	81	
12	Network opex		767
13	System operations and network support	409	
14	Business support	970	
15	Non-network opex		1,379
16			
17	Operational expenditure		2,146
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		N/A
20	Direct billing*		N/A
21	Research and development		N/A
22	Insurance		164
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name **Nelson Electricity Limited**
For Year Ended **31 March 2019**

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

		Target (\$000) ¹	Actual (\$000)	% variance
7	7(i): Revenue			
8	Line charge revenue	9,834	9,935	1%
9	7(ii): Expenditure on Assets			
10	Consumer connection	135	33	(76%)
11	System growth	100	157	57%
12	Asset replacement and renewal	960	1,075	12%
13	Asset relocations	200	94	(53%)
14	Reliability, safety and environment:			
15	Quality of supply	25	–	(100%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	120	414	245%
18	Total reliability, safety and environment	145	414	186%
19	Expenditure on network assets	1,540	1,774	15%
20	Expenditure on non-network assets	142	111	(22%)
21	Expenditure on assets	1,682	1,885	12%
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	128	176	38%
24	Vegetation management	36	31	(14%)
25	Routine and corrective maintenance and inspection	239	479	100%
26	Asset replacement and renewal	337	81	(76%)
27	Network opex	740	767	4%
28	System operations and network support	250	409	64%
29	Business support	1,150	970	(16%)
30	Non-network opex	1,400	1,379	(2%)
31	Operational expenditure	2,140	2,146	0%
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Energy efficiency and demand side management, reduction of energy losses		–	–
34	Overhead to underground conversion		–	–
35	Research and development		–	–
36				
37	7(v): Subcomponents of Operational Expenditure (where known)			
38	Energy efficiency and demand side management, reduction of energy losses		N/A	–
39	Direct billing		N/A	–
40	Research and development		N/A	–
41	Insurance		164	–

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)

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

Billed quantities by price component

Price component	Streetlight	0-Builders Temporary	0-Limnetered	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	TOU - Transmission	
	Days	Days	Days	kVA	kWh	kWh	kVA	kWh	kWh	kVA	kVA	Days	kWh	kVAh	Month	kVAh	Month	
Load Group 0	Unmetered	Standard	47	799														
Load Group 1	Residential Low User	Standard	3,888	20,797														
Load Group 2	Residential and Small Business	Standard	5,192	61,663														
Load Group 3	Time of Use	Standard	91	34,504														
Load Group 4	Large TOU	Standard	1	13,802														
Load Group 3	Time of Use	Nonstandard	2	11,201														
		(Select one)																
		(Select one)																
		(Select one)																
		(Select one)																
Add extra rows for additional consumer groups or price category codes as necessary																		
		Standard consumer totals	9,219	131,566														
		Non-standard consumer totals	2	11,201														
		Total for all consumers	9,221	142,767														

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

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 foregone 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	TDU - Transmission	
								Days	Days	Days	kVA	kWh	kWh	kVA	kWh	kWh	kVA	kVA	Days	kWh	kVAh	Month	kVAh	Month		
Load Group 0	Unmetered	Standard	\$109	-	\$87	\$22		\$104	\$3	\$2																
Load Group 1	Residential Line User	Standard	\$1,855	-	\$1,382	\$473				\$213	\$1,642	\$1														
Load Group 2	Residential and Small Business	Standard	\$5,296	-	\$3,776	\$1,520							\$2,649	\$2,645	\$1											
Load Group 3	Time of Use	Standard	\$1,876	-	\$1,169	\$707											\$523	\$892	\$40	\$483	\$28					
Load Group 4	Large TDU	Non-standard	\$452	-	\$197	\$255																\$452	-			
Load Group 3	Time of Use	Non-standard	\$387	-	\$288	\$100											\$71	\$90	\$1	\$29	\$7					\$149
		[Select one]	-	-																						
		[Select one]	-	-																						
		[Select one]	-	-																						
Add extra rows for additional consumer groups or price category codes as necessary																										
		Standard consumer totals	\$9,135	-	\$6,414	\$2,721		\$104	\$3	\$2	\$213	\$1,642	\$1	\$2,649	\$2,645	\$1	\$523	\$892	\$40	\$483	\$28	-	-	-	-	-
		Non-standard consumer totals	\$709	-	\$304	\$405											\$71	\$90	\$1	\$29	\$7	\$452	-		\$149	
		Total for all consumers	\$9,844	-	\$6,809	\$3,126		\$104	\$3	\$2	\$213	\$1,642	\$1	\$2,649	\$2,645	\$1	\$594	\$982	\$41	\$513	\$35	\$452	-		\$149	

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 2019
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

	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.	716	716	-	2
9	All	Overhead Line	Wood poles	No.	178	180	2	2
10	All	Overhead Line	Other pole types	No.			-	N/A
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km			-	N/A
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km			-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	12	12	0	3
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	6	6	-	2
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.	1	1	-	4
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.			-	N/A
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.			-	N/A
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.			-	N/A
28	HV	Zone substation switchgear	33kV RMU	No.			-	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	10	10	-	4
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.			-	N/A
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	26	26	-	4
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.	3	3	-	4
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	7	7	0	2
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km			-	N/A
36	HV	Distribution Line	SWER conductor	km	-	-	-	2
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	24	25	1	2
38	HV	Distribution Cable	Distribution UG PILC	km	52	52	(1)	2
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.	1	1	-	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	41	42	1	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	23	30	7	3
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	47	47	-	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	259	260	1	2
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	15	12	(3)	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	183	191	8	3
47	HV	Distribution Transformer	Voltage regulators	No.			-	N/A
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	183	188	5	3
49	LV	LV Line	LV OH Conductor	km	22	21	(1)	2
50	LV	LV Cable	LV UG Cable	km	174	174	1	2
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	69	69	(1)	2
52	LV	Connections	OH/UG consumer service connections	No.	9,209	9,231	22	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	75	78	3	4
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	4
55	All	Capacitor Banks	Capacitors including controls	No.			-	N/A
56	All	Load Control	Centralised plant	Lot	1	1	-	4
57	All	Load Control	Relays	No.			-	N/A
58	All	Civils	Cable Tunnels	km			-	N/A

Company Name **Nelson Electricity Limited**

For Year Ended **31 March 2019**

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		18
14	SWER (all SWER voltages)		
15	22kV (other than SWER)		
16	6.6kV to 11kV (inclusive—other than SWER)	7	77
17	Low voltage (< 1kV)	21	174
18	Total circuit length (for supply)	28	269
19			
20	Dedicated street lighting circuit length (km)	1	68
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		
22			
23	Overhead circuit length by terrain (at year end)	(% of total circuit length)	
24	Urban	26	93%
25	Rural		
26	Remote only	2	7%
27	Rugged only		
28	Remote and rugged		
29	Unallocated overhead lines		
30	Total overhead length	28	100%
31			
32		(% of total circuit length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	298	100%
34		(% of total overhead length)	
35	Overhead circuit requiring vegetation management	28	100%

Company Name **Nelson Electricity Limited**
 For Year Ended **31 March 2019**

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

Company Name **Nelson Electricity Limited**

For Year Ended **31 March 2019**

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 (Unmetered and Builders Temporary)
Load Group 1 (Low User)
Load Group 2 (Mass Market - Residential)
Load Group 2 (Mass Market - Business)
Load Group 3 (Time of Use)

* include additional rows if needed

Number of connections (ICPs)

9
5
22
14
1

Connections total

51

Distributed generation

Number of connections made in year

26

connections

Capacity of distributed generation installed in year

0.12

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

Demand at time of maximum coincident demand (MW)

Electricity volumes carried

Electricity supplied from GXPs

148

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

148

less Total energy delivered to ICPs

143

Electricity losses (loss ratio)

6

3.7%

Load factor

0.50

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

101

Distribution transformer capacity (Non-EDB owned, estimated)

-

Total distribution transformer capacity

101

(MVA)

Zone substation transformer capacity

48

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2019
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)	15
12 Class C (unplanned interruptions on the network)	3
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	18

21 **Interruption restoration**

	≤3Hrs	>3hrs
22 Class C interruptions restored within	3	–

24 **SAIFI and SAIDI by class**

	SAIFI	SAIDI
25 Class A (planned interruptions by Transpower)	–	–
26 Class B (planned interruptions on the network)	0.05	16.8
27 Class C (unplanned interruptions on the network)	0.11	7.6
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	0.16	24.3

36 **Normalised SAIFI and SAIDI**

	Normalised SAIFI	Normalised SAIDI
37 Classes B & C (interruptions on the network)	0.10	15.2

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2019
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.

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

Cause	SAIFI	SAIDI
Lightning	-	-
Vegetation	-	-
Adverse weather	-	-
Adverse environment	-	-
Third party interference	0.07	2.5
Wildlife	-	-
Human error	-	-
Defective equipment	0.04	5.1
Cause unknown	-	-

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)	0.02	7.0
Distribution cables (excluding LV)	0.02	4.4
Distribution other (excluding LV)	0.01	5.5

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)	-	-
Distribution cables (excluding LV)	0.11	7.6
Distribution other (excluding LV)	-	-

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	-	-	-
Subtransmission cables	-	18	-
Subtransmission other	-	-	-
Distribution lines (excluding LV)	-	7	-
Distribution cables (excluding LV)	3	77	3.90
Distribution other (excluding LV)	-	-	-
Total	3		