



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

Company Name	<input type="text" value="Nelson Electricity"/>
Disclosure Date	<input type="text" value="23 August 2022"/>
Disclosure Year (year ended)	<input type="text" value="31 March 2022"/>

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**  
 For Year Ended **31 March 2022**

## 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)
<b>Operational expenditure</b>	16,578	246	68,615	7,718	22,877
Network	6,400	95	26,490	2,980	8,832
Non-network	10,178	151	42,125	4,739	14,045
<b>Expenditure on assets</b>	10,544	156	43,643	4,909	14,551
Network	10,254	152	42,442	4,774	14,151
Non-network	290	4	1,201	135	400

### 17 1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
<b>Total consumer line charge revenue</b>	62,858	932
Standard consumer line charge revenue	62,207	860
Non-standard consumer line charge revenue	71,774	336,225

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

Demand density	112	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	466	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	14,826	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

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

	(\$000)	% of revenue
Operational expenditure	2,282	26.32%
Pass-through and recoverable costs excluding financial incentives and wash-ups	3,019	34.81%
Total depreciation	1,590	18.34%
Total revaluations	2,991	34.49%
Regulatory tax allowance	655	7.55%
Regulatory profit/(loss) including financial incentives and wash-ups	4,117	47.47%
<b>Total regulatory income</b>	<b>8,672</b>	

### 40 1(v): Reliability

Interruption rate	6.09	Interruptions per 100 circuit km
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Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

## 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 20	31 Mar 21	31 Mar 22
		%	%	%
7	<b>ROI – comparable to a post tax WACC</b>			
8				
9	Reflecting all revenue earned	8.06%	5.29%	9.66%
10	Excluding revenue earned from financial incentives	7.94%	4.20%	9.86%
11	Excluding revenue earned from financial incentives and wash-ups	7.89%	4.20%	9.86%
12				
13				
14	<b>Mid-point estimate of post tax WACC</b>	4.27%	3.72%	3.52%
15	25th percentile estimate	3.59%	3.04%	2.84%
16	75th percentile estimate	4.95%	4.40%	4.20%
17				
18				
19	<b>ROI – comparable to a vanilla WACC</b>			
20	Reflecting all revenue earned	8.49%	5.62%	9.96%
21	Excluding revenue earned from financial incentives	8.36%	4.54%	10.16%
22	Excluding revenue earned from financial incentives and wash-ups	8.31%	4.54%	10.16%
23				
24	<b>WACC rate used to set regulatory price path</b>	7.19%	4.57%	4.57%
25				
26	<b>Mid-point estimate of vanilla WACC</b>	4.69%	4.05%	3.82%
27	25th percentile estimate	4.01%	3.37%	3.14%
28	75th percentile estimate	5.37%	4.73%	4.50%
29				
30	<b>2(ii): Information Supporting the ROI</b>			
31				
32	Total opening RAB value	43,164		
33	plus Opening deferred tax	(2,013)		
34	<b>Opening RIV</b>		41,151	
35				
36	<b>Line charge revenue</b>		8,653	
37				
38	Expenses cash outflow	5,301		
39	add Assets commissioned	1,696		
40	less Asset disposals	–		
41	add Tax payments	439		
42	less Other regulated income	19		
43	<b>Mid-year net cash outflows</b>		7,417	
44				
45	<b>Term credit spread differential allowance</b>		–	
46				
47	Total closing RAB value	46,261		
48	less Adjustment resulting from asset allocation	–		
49	less Lost and found assets adjustment	–		
50	plus Closing deferred tax	(2,229)		
51	<b>Closing RIV</b>		44,032	
52				
53	<b>ROI – comparable to a vanilla WACC</b>			9.96%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			2.55%
57	Corporate tax rate (%)			28%
58				
59	<b>ROI – comparable to a post tax WACC</b>			9.66%
60				

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

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

Opening RIV N/A

	Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
April						-
May						-
June						-
July						-
August						-
September						-
October						-
November						-
December						-
January						-
February						-
March						-
<b>Total</b>	-	-	-	-	-	-

Tax payments N/A

Term credit spread differential allowance N/A

Closing RIV N/A

Monthly ROI – comparable to a vanilla WACC N/A

Monthly ROI – comparable to a post tax WACC N/A

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

Year-end ROI – comparable to a vanilla WACC 10.07%

Year-end ROI – comparable to a post tax WACC 9.77%

*\* 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.*

**2(v): Financial Incentives and Wash-Ups**

Net recoverable costs allowed under incremental rolling incentive scheme	-
Purchased assets – avoided transmission charge	-
Energy efficiency and demand incentive allowance	
Quality incentive adjustment	68
Other financial incentives	(180)
<b>Financial incentives</b>	(112)

Impact of financial incentives on ROI -0.20%

Input methodology claw-back	-
CPP application recoverable costs	-
Catastrophic event allowance	-
Capex wash-up adjustment	-
Transmission asset wash-up adjustment	-
2013–15 NPV wash-up allowance	-
Reconsideration event allowance	-
Other wash-ups	-

Wash-up costs -

Impact of wash-up costs on ROI -

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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	<b>3(i): Regulatory Profit</b>	(\$000)
8	<b>Income</b>	
9	Line charge revenue	8,653
10	plus Gains / (losses) on asset disposals	-
11	plus Other regulated income (other than gains / (losses) on asset disposals)	19
12		
13	<b>Total regulatory income</b>	<b>8,672</b>
14	<b>Expenses</b>	
15	less Operational expenditure	2,282
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	3,019
18		
19	<b>Operating surplus / (deficit)</b>	<b>3,371</b>
20		
21	less Total depreciation	1,590
22		
23	plus Total revaluations	2,991
24		
25	<b>Regulatory profit / (loss) before tax</b>	<b>4,772</b>
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	655
30		
31	<b>Regulatory profit/(loss) including financial incentives and wash-ups</b>	<b>4,117</b>
32		
33	<b>3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups</b>	(\$000)
34	<b>Pass through costs</b>	
35	Rates	36
36	Commerce Act levies	24
37	Industry levies	46
38	CPP specified pass through costs	-
39	<b>Recoverable costs excluding financial incentives and wash-ups</b>	
40	Electricity lines service charge payable to Transpower	2,912
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	<b>Pass-through and recoverable costs excluding financial incentives and wash-ups</b>	<b>3,019</b>
47		



Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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 21	31 Mar 22
48	<b>3(iii): Incremental Rolling Incentive Scheme</b>		
49			
50			
51	Allowed controllable opex	2,255	2,325
52	Actual controllable opex	2,007	2,282
53			
54	Incremental change in year		(205)
55			
56			
57	CY-5 31 Mar 17		
58	CY-4 31 Mar 18		
59	CY-3 31 Mar 19		
60	CY-2 31 Mar 20		
61	CY-1 31 Mar 21		
62	<b>Net incremental rolling incentive scheme</b>		-
63			
64	<b>Net recoverable costs allowed under incremental rolling incentive scheme</b>		-
65	<b>3(iv): Merger and Acquisition Expenditure</b>		
66			
67	Merger and acquisition expenditure		-
68			
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	<b>3(v): Other Disclosures</b>		
70			
71	Self-insurance allowance		-

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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 18 (\$000)	RAB 31 Mar 19 (\$000)	RAB 31 Mar 20 (\$000)	RAB 31 Mar 21 (\$000)	RAB 31 Mar 22 (\$000)
	Total opening RAB value	41,246	41,111	41,934	43,349	43,164
less	Total depreciation	1,426	1,447	1,530	1,599	1,590
plus	Total revaluations	454	610	1,063	659	2,991
plus	Assets commissioned	934	1,659	1,883	763	1,696
less	Asset disposals	97	-	-	9	-
plus	Lost and found assets adjustment	-	-	-	-	-
plus	Adjustment resulting from asset allocation	0	-	-	-	-
	Total closing RAB value	41,111	41,934	43,349	43,164	46,261

4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
	Total opening RAB value		43,164		43,164
less	Total depreciation		1,590		1,590
plus	Total revaluations		2,991		2,991
plus	Assets commissioned (other than below)	1,696		1,696	
	Assets acquired from a regulated supplier	-		-	
	Assets acquired from a related party	-		-	
	Assets commissioned		1,696		1,696
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		46,261		46,261

\* 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**  
 For Year Ended **31 March 2022**

**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 <sub>t</sub>	1,142
CPI <sub>t-4</sub>	1,068
Revaluation rate (%)	6.93%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	43,164		43,164	
less Opening value of fully depreciated, disposed and lost assets	-		-	
Total opening RAB value subject to revaluation	43,164		43,164	
<b>Total revaluations</b>		<b>2,991</b>		<b>2,991</b>

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

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		293		293
plus Capital expenditure	1,447		1,447	
less Assets commissioned	1,696		1,696	
plus Adjustment resulting from asset allocation		-		-
<b>Works under construction - current disclosure year</b>		<b>44</b>		<b>44</b>
Highest rate of capitalised finance applied				-

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

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

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

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76 **4(v): Regulatory Depreciation**

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
77	1,590		1,590	
78	-		-	
79	-		-	
80	-		-	
81	-		-	
82	-		-	
83		1,590		1,590
84				

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
86				
87				
88				
89				
90				
91				
92				
93				
94				

\* include additional rows if needed

96 **4(vii): Disclosure by Asset Category**

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Distribution and Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
97										
98										
99	-	5,188	9,727	738	15,053	5,283	3,117	3,733	325	43,164
100	-	181	285	26	640	182	139	110	27	1,590
101	-	359	674	51	1,043	366	216	259	23	2,991
102	-	-	12	55	973	158	385	74	40	1,696
103	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-
107	-	5,367	10,128	818	16,428	5,625	3,579	3,956	360	46,261
108										
109										
110	-	30.8	25.1	25.2	19.9	26.7	15.1	19.1	1.8	(years)
111	60.0	50.4	44.5	58.0	54.2	54.7	39.9	44.5	8.9	(years)

Company Name **Nelson Electricity**For Year Ended **31 March 2022****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	<b>5a(i): Regulatory Tax Allowance</b>		
8	<b>Regulatory profit / (loss) before tax</b>		4,772
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	300	
14			993
15			
16	<i>less</i> Total revaluations	2,991	
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	435	
21			3,426
22			
23	<b>Regulatory taxable income</b>		2,339
24			
25	<i>less</i> Utilised tax losses	-	
26	Regulatory net taxable income		2,339
27			
28	Corporate tax rate (%)	28%	
29	<b>Regulatory tax allowance</b>		655

\* 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	11,782	
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		11,089
41			
42	Opening weighted average remaining useful life of relevant assets (years)		17
43			

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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	<b>5a(iv): Amortisation of Revaluations</b>		(\$000)
45			
46	Opening sum of RAB values without revaluations	38,173	
47			
48	Adjusted depreciation	1,290	
49	Total depreciation	1,590	
50	Amortisation of revaluations		300
51			
52	<b>5a(v): Reconciliation of Tax Losses</b>		(\$000)
53			
54	Opening tax losses	-	
55	plus Current period tax losses	-	
56	less Utilised tax losses	-	
57	Closing tax losses		-
58	<b>5a(vi): Calculation of Deferred Tax Balance</b>		(\$000)
59			
60	Opening deferred tax	(2,013)	
61			
62	plus Tax effect of adjusted depreciation	361	
63			
64	less Tax effect of tax depreciation	382	
65			
66	plus Tax effect of other temporary differences*	4	
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	4	
73			
74	plus Deferred tax cost allocation adjustment	-	
75			
76	Closing deferred tax		(2,229)
77			
78	<b>5a(vii): Disclosure of Temporary Differences</b>		
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	<b>5a(viii): Regulatory Tax Asset Base Roll-Forward</b>		
82			(\$000)
83	Opening sum of regulatory tax asset values	18,419	
84	less Tax depreciation	1,365	
85	plus Regulatory tax asset value of assets commissioned	1,696	
86	less Regulatory tax asset value of asset disposals	16	
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		18,734

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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

<b>5b(i): Summary—Related Party Transactions</b>		(\$000)	(\$000)
7	<b>Total regulatory income</b>		-
8			
9			
10	<b>Market value of asset disposals</b>		-
11			
12	Service interruptions and emergencies	-	
13	Vegetation management	-	
14	Routine and corrective maintenance and inspection	-	
15	Asset replacement and renewal (opex)	-	
16	<b>Network opex</b>		-
17	Business support	153	
18	System operations and network support	49	
19	<b>Operational expenditure</b>		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	<b>Expenditure on non-network assets</b>		-
28	<b>Expenditure on assets</b>		-
29	Cost of financing		-
30	Value of capital contributions		-
31	Value of vested assets		-
32	<b>Capital Expenditure</b>		-
33	<b>Total expenditure</b>		202
34			
35	<b>Other related party transactions</b>		-
36	<b>5b(iii): Total Opex and Capex Related Party Transactions</b>		
	<b>Name of related party</b>	<b>Nature of opex or capex service provided</b>	<b>Total value of transactions (\$000)</b>
37			
38	Marlborough Lines Ltd	Business support	124
39	Network Tasman Ltd	Business support	29
40	Network Tasman Ltd	System operations and network support	49
41		[Select one]	
42		[Select one]	
43		[Select one]	
44		[Select one]	
45		[Select one]	
46		[Select one]	
47		[Select one]	
48		[Select one]	
49		[Select one]	
50		[Select one]	
51		[Select one]	
52		[Select one]	
53	<b>Total value of related party transactions</b>		202
54	<i>* include additional rows if needed</i>		
55			

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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

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

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

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

<b>Gross term credit spread differential</b>					-
Total book value of interest bearing debt					
Leverage			42%		
Average opening and closing RAB values					
<b>Attribution Rate (%)</b>					-
<b>Term credit spread differential allowance</b>					-



Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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	<b>5d(i): Operating Cost Allocations</b>					
8						
9						
10	<b>Service interruptions and emergencies</b>					
11	Directly attributable		238			
12	Not directly attributable				-	
13	<b>Total attributable to regulated service</b>		238			
14	<b>Vegetation management</b>					
15	Directly attributable		59			
16	Not directly attributable				-	
17	<b>Total attributable to regulated service</b>		59			
18	<b>Routine and corrective maintenance and inspection</b>					
19	Directly attributable		528			
20	Not directly attributable				-	
21	<b>Total attributable to regulated service</b>		528			
22	<b>Asset replacement and renewal</b>					
23	Directly attributable		56			
24	Not directly attributable				-	
25	<b>Total attributable to regulated service</b>		56			
26	<b>System operations and network support</b>					
27	Directly attributable		417			
28	Not directly attributable				-	
29	<b>Total attributable to regulated service</b>		417			
30	<b>Business support</b>					
31	Directly attributable		984			
32	Not directly attributable				-	
33	<b>Total attributable to regulated service</b>		984			
34						
35	<b>Operating costs directly attributable</b>		2,282			
36	<b>Operating costs not directly attributable</b>	-	-	-	-	-
37	<b>Operational expenditure</b>		2,282			
38						

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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 <b>Pass through and recoverable costs</b>	
41 <b>Pass through costs</b>	
42     Directly attributable	105
43     Not directly attributable	
44 <b>Total attributable to regulated service</b>	105
45 <b>Recoverable costs</b>	
46     Directly attributable	2,912
47     Not directly attributable	
48 <b>Total attributable to regulated service</b>	2,912

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

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

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

		(\$000)	
		CY-1	Current Year (CY)
70 <b>Change in cost allocation 3</b>			
71     Cost category		Original allocation	
72     Original allocator or line items		New allocation	
73     New allocator or line items		Difference	-
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**  
 For Year Ended **31 March 2022**

**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
<b>Subtransmission lines</b>		
Directly attributable		–
Not directly attributable		
<b>Total attributable to regulated service</b>		–
<b>Subtransmission cables</b>		
Directly attributable		5,367
Not directly attributable		
<b>Total attributable to regulated service</b>		5,367
<b>Zone substations</b>		
Directly attributable		10,128
Not directly attributable		
<b>Total attributable to regulated service</b>		10,128
<b>Distribution and LV lines</b>		
Directly attributable		818
Not directly attributable		
<b>Total attributable to regulated service</b>		818
<b>Distribution and LV cables</b>		
Directly attributable		16,428
Not directly attributable		
<b>Total attributable to regulated service</b>		16,428
<b>Distribution substations and transformers</b>		
Directly attributable		5,625
Not directly attributable		
<b>Total attributable to regulated service</b>		5,625
<b>Distribution switchgear</b>		
Directly attributable		3,579
Not directly attributable		
<b>Total attributable to regulated service</b>		3,579
<b>Other network assets</b>		
Directly attributable		3,956
Not directly attributable		
<b>Total attributable to regulated service</b>		3,956
<b>Non-network assets</b>		
Directly attributable		360
Not directly attributable		
<b>Total attributable to regulated service</b>		360
<b>Regulated service asset value directly attributable</b>		46,261
<b>Regulated service asset value not directly attributable</b>		–
<b>Total closing RAB value</b>		46,261

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

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

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

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

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

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

sch ref

7	<b>6a(i): Expenditure on Assets</b>		<b>(\$000)</b>	<b>(\$000)</b>
8	Consumer connection			132
9	System growth			-
10	Asset replacement and renewal			861
11	Asset relocations			35
12	Reliability, safety and environment:			
13	Quality of supply	32		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	351		
16	<b>Total reliability, safety and environment</b>			<b>384</b>
17	<b>Expenditure on network assets</b>			<b>1,412</b>
18	Expenditure on non-network assets			40
19				
20	<b>Expenditure on assets</b>			<b>1,451</b>
21	plus Cost of financing			-
22	less Value of capital contributions			4
23	plus Value of vested assets			-
24				
25	<b>Capital expenditure</b>			<b>1,447</b>
26	<b>6a(ii): Subcomponents of Expenditure on Assets (where known)</b>			<b>(\$000)</b>
27	Energy efficiency and demand side management, reduction of energy losses			
28	Overhead to underground conversion			204
29	Research and development			
30	<b>6a(iii): Consumer Connection</b>			
31	<i>Consumer types defined by EDB*</i>		<b>(\$000)</b>	<b>(\$000)</b>
32	Load Group 2		132	
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	<b>Consumer connection expenditure</b>			<b>132</b>
39				
40	less Capital contributions funding consumer connection expenditure			
41	<b>Consumer connection less capital contributions</b>			<b>132</b>
42	<b>6a(iv): System Growth and Asset Replacement and Renewal</b>			
43			<b>System Growth</b>	<b>Asset Replacement and Renewal</b>
44			<b>(\$000)</b>	<b>(\$000)</b>
45	Subtransmission	-	-	-
46	Zone substations	-	-	-
47	Distribution and LV lines	-	-	55
48	Distribution and LV cables	-	-	704
49	Distribution substations and transformers	-	-	-
50	Distribution switchgear	-	-	24
51	Other network assets	-	-	79
52	<b>System growth and asset replacement and renewal expenditure</b>	-	-	<b>861</b>
53	less Capital contributions funding system growth and asset replacement and renewal			4
54	<b>System growth and asset replacement and renewal less capital contributions</b>	-	-	<b>856</b>
55				
56	<b>6a(v): Asset Relocations</b>			
57	<i>Project or programme*</i>		<b>(\$000)</b>	<b>(\$000)</b>
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	35		
65	<b>Asset relocations expenditure</b>			<b>35</b>
66	less Capital contributions funding asset relocations			
67	<b>Asset relocations less capital contributions</b>			<b>35</b>

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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	<b>6a(vi): Quality of Supply</b>			
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		32	
78	<b>Quality of supply expenditure</b>			32
79	less Capital contributions funding quality of supply			
80	<b>Quality of supply less capital contributions</b>			32
81	<b>6a(vii): Legislative and Regulatory</b>			
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	<b>Legislative and regulatory expenditure</b>			-
91	less Capital contributions funding legislative and regulatory			
92	<b>Legislative and regulatory less capital contributions</b>			-
93	<b>6a(viii): Other Reliability, Safety and Environment</b>			
94	Project or programme*		(\$000)	(\$000)
95	Upper Brook Street 11kV Overhead to Underground		158	
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		194	
102	<b>Other reliability, safety and environment expenditure</b>			351
103	less Capital contributions funding other reliability, safety and environment			
104	<b>Other reliability, safety and environment less capital contributions</b>			351
105				
106	<b>6a(ix): Non-Network Assets</b>			
107	<b>Routine expenditure</b>			
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		40	
116	<b>Routine expenditure</b>			40
117	<b>Atypical expenditure</b>			
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	<b>Atypical expenditure</b>			-
127				
128	<b>Expenditure on non-network assets</b>			40

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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	<b>6b(i): Operational Expenditure</b>		
8	Service interruptions and emergencies	238	
9	Vegetation management	59	
10	Routine and corrective maintenance and inspection	528	
11	Asset replacement and renewal	56	
12	<b>Network opex</b>		881
13	System operations and network support	417	
14	Business support	984	
15	<b>Non-network opex</b>		1,401
16			
17	<b>Operational expenditure</b>		<b>2,282</b>
18	<b>6b(ii): Subcomponents of Operational Expenditure (where known)</b>		
19	Energy efficiency and demand side management, reduction of energy losses		-
20	Direct billing*		-
21	Research and development		-
22	Insurance		200
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name	<b>Nelson Electricity</b>
For Year Ended	<b>31 March 2022</b>

## SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

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

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

sch ref

	Target (\$000) <sup>1</sup>	Actual (\$000)	% variance
<b>7(i): Revenue</b>			
Line charge revenue	8,552	8,653	1%
<b>7(ii): Expenditure on Assets</b>			
	Forecast (\$000) <sup>2</sup>	Actual (\$000)	% variance
Consumer connection	240	132	(45%)
System growth	110	–	(100%)
Asset replacement and renewal	765	861	12%
Asset relocations	180	35	(81%)
Reliability, safety and environment:			
Quality of supply	300	32	(89%)
Legislative and regulatory	–	–	–
Other reliability, safety and environment	220	351	60%
<b>Total reliability, safety and environment</b>	<b>520</b>	<b>384</b>	<b>(26%)</b>
<b>Expenditure on network assets</b>	<b>1,815</b>	<b>1,412</b>	<b>(22%)</b>
Expenditure on non-network assets	72	40	(45%)
Expenditure on assets	1,887	1,451	(23%)
<b>7(iii): Operational Expenditure</b>			
Service interruptions and emergencies	135	238	76%
Vegetation management	38	59	55%
Routine and corrective maintenance and inspection	253	528	109%
Asset replacement and renewal	357	56	(84%)
<b>Network opex</b>	<b>783</b>	<b>881</b>	<b>13%</b>
System operations and network support	258	417	62%
Business support	1,185	984	(17%)
<b>Non-network opex</b>	<b>1,443</b>	<b>1,401</b>	<b>(3%)</b>
<b>Operational expenditure</b>	<b>2,226</b>	<b>2,282</b>	<b>3%</b>
<b>7(iv): Subcomponents of Expenditure on Assets (where known)</b>			
Energy efficiency and demand side management, reduction of energy losses	–	–	–
Overhead to underground conversion	120	204	70%
Research and development	–	–	–
<b>7(v): Subcomponents of Operational Expenditure (where known)</b>			
Energy efficiency and demand side management, reduction of energy losses	–	–	–
Direct billing	–	–	–
Research and development	–	–	–
Insurance	–	200	–

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

<sup>2</sup> 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  
For Year Ended  
Network / Sub-Network Name

**Nelson Electricity**  
**31 March 2022**

**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 ICs that are included in each consumer group or price category code, and the energy delivered to these ICs.

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

**Billed quantities by price component**

Price component

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

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 ICs in disclosure year	Energy delivered to ICs in disclosure year (MWh)
Load Group 0	Unmetered	Standard	52	894
Load Group 1	Residential Low User	Standard	4,355	23,695
Load Group 2	Residential and Small Business	Standard	4,785	57,331
Load Group 3	Time of Use	Standard	89	32,300
Load Group 4	Large TOU	Standard	1	14,066
Load Group 5	Time of Use	Non-standard	2	9,369
		(Select one)		
		(Select one)		
		(Select one)		

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	9,283	128,294
Non-standard consumer totals	2	9,369
<b>Total for all consumers</b>	<b>9,285</b>	<b>137,663</b>

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	TOU - Transmission
Days	Days	Days	kVA	kWh	kWh	kVA	kWh	kWh	kVA	kVA	Days	kWh	kVAh	Month	kVAh	Month
365	4,382	13,567	24,134,756	23,954,603	215,945	39,037,773	57,870,970	281,531								
									10,316,289	3,687,466	22,253	32,299,770	3,666	12	-	12
									1,241,000	629,379	730	9,363,351	21			
365												12,299,770	3,666	12	-	12
-												9,363,351	21	-	-	-
365												41,663,121	3,687	12	-	12

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



Company Name  
For Year Ended  
Network / Sub-Network Name

Nelson Electricity  
31 March 2022

**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																						
								Servicelight	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	TOU - Transmission						
								Days	Days	Days	kVA	kWh	kWh	kVA	kWh	kWh	kVA	kVA	Days	kWh	kVAh	Month	kVAh	Month						
Load Group 0	Unmetered	Standard	\$95		\$95			\$81	\$3	\$12																				
Load Group 1	Residential line User	Standard	\$1,919		\$1,919					\$246	\$1,676	\$1																		
Load Group 2	Residential and Small Business	Standard	\$4,476		\$4,476								\$1,569	\$1,906	\$1															
Load Group 3	Time of Use	Standard	\$1,490		\$1,490													\$461	\$632	\$38	\$355	\$24								
Load Group 4	Large TOU	Non-standard	\$407		\$407																		\$407							
Load Group 3	Time of Use	Non-standard	\$265		\$265													\$55	\$64	\$1	\$19	\$0							\$126	
		(Select one)																												
		(Select one)																												
		(Select one)																												
Add extra rows for additional consumer groups or price category codes as necessary																														
		Standard consumer totals	\$7,980		\$7,980			\$81												\$355	\$24									
		Non-standard consumer totals	\$672		\$672															\$19	\$0	\$407							\$126	
		Total for all consumers	\$8,653		\$8,653			\$81												\$374	\$24	\$407							\$126	

Add extra columns for additional line charge revenues by price component as necessary

**8(iii): Number of ICPs directly billed**

Number of directly billed ICPs at year end

Check  **OK**

Company Name	Nelson Electricity
For Year Ended	31 March 2022
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

					Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	Voltage	Asset category	Asset class	Units				
9	All	Overhead Line	Concrete poles / steel structure	No.	716	704	(12)	2
10	All	Overhead Line	Wood poles	No.	108	108	-	2
11	All	Overhead Line	Other pole types	No.	8	8	-	4
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km			-	N/A
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km			-	N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	12	12	(0)	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km			-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km			-	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	6	6	(0)	2
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km			-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km			-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km			-	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km			-	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km			-	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	1	1	-	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.			-	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.			-	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.			-	N/A
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.			-	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.			-	N/A
29	HV	Zone substation switchgear	33kV RMU	No.			-	N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	10	10	-	4
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.			-	N/A
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	26	26	-	2
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.			-	N/A
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	3	3	-	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	7	6	(1)	2
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km			-	N/A
37	HV	Distribution Line	SWER conductor	km			-	N/A
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	24	25	1	2
39	HV	Distribution Cable	Distribution UG PILC	km	53	51	(2)	2
40	HV	Distribution Cable	Distribution Submarine Cable	km			-	N/A
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	1	1	-	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	42	43	1	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	15	16	1	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	6	6	-	3
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	252	252	-	2
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	10	8	(2)	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	189	188	(1)	3
48	HV	Distribution Transformer	Voltage regulators	No.			-	N/A
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	191	193	2	3
50	LV	LV Line	LV OH Conductor	km	21	21	0	2
51	LV	LV Cable	LV UG Cable	km	175	175	(0)	2
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	68	68	(0)	2
53	LV	Connections	OH/UG consumer service connections	No.	9,278	9,292	14	4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	81	82	1	4
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	4
56	All	Capacitor Banks	Capacitors including controls	No.			-	N/A
57	All	Load Control	Centralised plant	Lot	1	1	-	4
58	All	Load Control	Relays	No.			-	N/A
59	All	Civils	Cable Tunnels	km			-	N/A



Company Name **Nelson Electricity**

For Year Ended **31 March 2022**

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	<b>Circuit length by operating voltage (at year end)</b>	<b>Overhead (km)</b>	<b>Underground (km)</b>
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)	6	76
17	Low voltage (< 1kV)	21	175
18	<b>Total circuit length (for supply)</b>	<b>27</b>	<b>269</b>
19			
20	Dedicated street lighting circuit length (km)	1	67
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		
22			
23	<b>Overhead circuit length by terrain (at year end)</b>	<b>(% of total circuit length)</b>	
24	Urban	25	93%
25	Rural		
26	Remote only	2	7%
27	Rugged only		
28	Remote and rugged		
29	Unallocated overhead lines		
30	<b>Total overhead length</b>	<b>27</b>	<b>100%</b>
31			
32		<b>(% of total circuit length)</b>	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	296	100%
34		<b>(% of total overhead length)</b>	
35	Overhead circuit requiring vegetation management	27	100%

Company Name **Nelson Electricity**  
 For Year Ended **31 March 2022**

**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			
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14			
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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
For Year Ended	31 March 2022
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

8	<b>9e(i): Consumer Connections</b>		
9	Number of ICPs connected in year by consumer type		
10	Consumer types defined by EDB*		<b>Number of connections (ICPs)</b>
11	Load Group 0 (Unmetered and Builders Temporary)		9
12	Load Group 1 (Low User)		-
13	Load Group 2 (Mass Market - Residential)		23
14	Load Group 2 (Mass Market - Business)		8
15	Load Group 3 (Time of Use)		-
16	* include additional rows if needed		
17	<b>Connections total</b>		<b>40</b>
18			
19	<b>Distributed generation</b>		
20	Number of connections made in year	42	connections
21	Capacity of distributed generation installed in year	0.22	MVA
22	<b>9e(ii): System Demand</b>		
23			
24			<b>Demand at time of maximum coincident demand (MW)</b>
25	<b>Maximum coincident system demand</b>		
26	GXP demand	33	
27	plus Distributed generation output at HV and above		
28	<b>Maximum coincident system demand</b>	<b>33</b>	
29	less Net transfers to (from) other EDBs at HV and above	-	
30	<b>Demand on system for supply to consumers' connection points</b>	<b>33</b>	
31	<b>Electricity volumes carried</b>		<b>Energy (GWh)</b>
32	Electricity supplied from GXPs	142	
33	less Electricity exports to GXPs	-	
34	plus Electricity supplied from distributed generation	0	
35	less Net electricity supplied to (from) other EDBs		
36	<b>Electricity entering system for supply to consumers' connection points</b>	<b>142</b>	
37	less Total energy delivered to ICPs	138	
38	<b>Electricity losses (loss ratio)</b>	<b>5</b>	<b>3.4%</b>
39			
40	<b>Load factor</b>	<b>0.49</b>	
41	<b>9e(iii): Transformer Capacity</b>		
42			<b>(MVA)</b>
43	Distribution transformer capacity (EDB owned)	100	
44	Distribution transformer capacity (Non-EDB owned, estimated)		
45	<b>Total distribution transformer capacity</b>	<b>100</b>	
46			
47	<b>Zone substation transformer capacity</b>	<b>48</b>	

Company Name	Nelson Electricity
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**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)	9
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 <b>Total</b>	18

21 **Interruption restoration**

	≤3Hrs	>3hrs
22 Class C interruptions restored within	7	2

24 **SAIFI and SAIDI by class**

	SAIFI	SAIDI
25 Class A (planned interruptions by Transpower)	–	–
26 Class B (planned interruptions on the network)	0.10	18.8
27 Class C (unplanned interruptions on the network)	0.46	32.2
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 <b>Total</b>	0.56	51.1

36 **Normalised SAIFI and SAIDI**

	Normalised SAIFI	Normalised SAIDI
37 Classes B & C (interruptions on the network)	0.27	19.4

Company Name	Nelson Electricity
For Year Ended	31 March 2022
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	-	-
Adverse weather	0.00	1.1
Adverse environment	-	-
Third party interference	-	-
Wildlife	-	-
Human error	-	-
Defective equipment	0.46	31.1
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	10.1
Distribution cables (excluding LV)	0.07	8.3
Distribution other (excluding LV)	0.00	0.5

**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)	0.00	1.0
Distribution cables (excluding LV)	0.46	31.1
Distribution other (excluding LV)	0.00	0.1

**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)	1	7	14.29
Distribution cables (excluding LV)	7	76	9.21
Distribution other (excluding LV)	1	-	-
<b>Total</b>	<b>9</b>		