Electricity Distribution Information Disclosure

(Non-material) Amendment Determination [2023] NZCC 6

Schedules 1–10
excluding 5f–5g

Company Name	Nelson Electricity Limited
Disclosure Date	21 August 2023
Disclosure Year (year ended)	31 March 2023

27 April 2023

Table of Contents

Schedule	Schedule name
1	ANALYTICAL RATIOS
2	REPORT ON RETURN ON INVESTMENT
3	REPORT ON REGULATORY PROFIT
4	REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)
5a	REPORT ON REGULATORY TAX ALLOWANCE
5b	REPORT ON RELATED PARTY TRANSACTIONS
5c	REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE
5d	REPORT ON COST ALLOCATIONS
5e	REPORT ON ASSET ALLOCATIONS
6a	REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR
6b	REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR
7	COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE
8	REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES
9a	ASSET REGISTER
9b	ASSET AGE PROFILE
9c	REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES
9d	REPORT ON EMBEDDED NETWORKS
9e	REPORT ON NETWORK DEMAND
10	REPORT ON NETWORK RELIABILITY

Disclosure Template Instructions

This document forms Schedules 1–10 to the Electricity Distribution Information Disclosure (Non-material) Amendment Determination [2023] NZCC 6.

The Schedules take the form of templates 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 schedule 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e templates 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 the schedule 5c, 6a, and 9e templates 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.

The schedule 5d and 5e templates 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.

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

Changes Since Previous Version
Refer to the Targeted Information Disclosure Review - Electricity Distribution Businesses Final reasons paper - Tranche 1, for the details of changes made. A summary is provided in Chapter 2.

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of this determination.

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

sch ref

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	17,356	253	69,793	7,946	23,530
Network	6,681	97	26,866	3,059	9,058
Non-network	10,675	156	42,927	4,887	14,472
Expenditure on assets	13,422	196	53,972	6,144	18,196
Network	13,312	194	53,530	6,094	18,047
Non-network	110	2	442	50	149

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
Total consumer line charge revenue	63,309	922
Standard consumer line charge revenue	62,712	851
Non-standard consumer line charge revenue	71,432	331,319

1(iii): Service intensity measures

Demand density	114	*Maximum coincident system demand per km of circuit length (for supply) (kW/km)*
Volume density	458	*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	14,570	*Total energy delivered to ICPs per average number of ICPs (kWh/ICP)*

1(iv): Composition of regulatory income

	($000)	% of revenue
Operational expenditure	2,351	27.42%
Pass-through and recoverable costs excluding financial incentives and wash-ups	2,821	32.90%
Total depreciation	1,699	19.82%
Total revaluations	3,079	35.90%
Regulatory tax allowance	565	6.59%
Regulatory profit/(loss) including financial incentives and wash-ups	4,217	49.18%
Total regulatory income	8,576	

1(v): Reliability

Interruption rate	2.03	*Interruptions per 100 circuit km*

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this 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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref			CY-2	CY-1	Current Year CY
7	**2(i): Return on Investment**				
8			**31 Mar 21**	**31 Mar 22**	**31 Mar 23**
9	**ROI – comparable to a post tax WACC**		**%**	**%**	**%**
10		Reflecting all revenue earned	5.29%	9.66%	9.04%
11		Excluding revenue earned from financial incentives	4.20%	9.86%	9.06%
12		Excluding revenue earned from financial incentives and wash-ups	4.20%	9.86%	9.02%
13					
14		**Mid-point estimate of post tax WACC**	3.72%	3.52%	4.88%
15		25th percentile estimate	3.04%	2.84%	4.20%
16		75th percentile estimate	4.40%	4.20%	5.56%
17					
18					
19	**ROI – comparable to a vanilla WACC**				
20		Reflecting all revenue earned	5.62%	9.96%	9.55%
21		Excluding revenue earned from financial incentives	4.54%	10.16%	9.57%
22		Excluding revenue earned from financial incentives and wash-ups	4.54%	10.16%	9.54%
23					
24		**WACC rate used to set regulatory price path**	4.57%	4.57%	4.57%
25					
26		**Mid-point estimate of vanilla WACC**	4.05%	3.82%	5.39%
27		25th percentile estimate	3.37%	3.14%	4.71%
28		75th percentile estimate	4.73%	4.50%	6.07%
29					
30	**2(ii): Information Supporting the ROI**			**($000)**	
31					
32		Total opening RAB value	46,261		
33		*plus* Opening deferred tax	(2,229)		
34	**Opening RIV**			44,032	
35					
36	**Line charge revenue**			8,576	
37					
38		Expenses cash outflow	5,172		
39		*add* Assets commissioned	1,644		
40		*less* Asset disposals	–		
41		*add* Tax payments	348		
42		*less* Other regulated income	–		
43	**Mid-year net cash outflows**			7,164	
44					
45	**Term credit spread differential allowance**			–	
46					
47		Total closing RAB value	49,284		
48		*less* Adjustment resulting from asset allocation	0		
49		*less* Lost and found assets adjustment	–		
50		*plus* Closing deferred tax	(2,446)		
51	**Closing RIV**			46,838	
52					
53	**ROI – comparable to a vanilla WACC**				9.55%
54					
55		Leverage (%)			42%
56		Cost of debt assumption (%)			4.38%
57		Corporate tax rate (%)			28%
58					
59	**ROI – comparable to a post tax WACC**				9.04%
60					

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this 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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

61 **2(iii): Information Supporting the Monthly ROI**

sch ref		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
63	**Opening RIV**						N/A
66							
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**	–	–	–	–	–	–
81	**Tax payments**						N/A
83	**Term credit spread differential allowance**						N/A
85	**Closing RIV**						N/A
88	**Monthly ROI – comparable to a vanilla WACC**						N/A
90	**Monthly ROI – comparable to a post tax WACC**						N/A

92 **2(iv): Year-End ROI Rates for Comparison Purposes**

sch ref		
94	**Year-end ROI – comparable to a vanilla WACC**	9.38%
96	**Year-end ROI – comparable to a post tax WACC**	8.86%

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

100 **2(v): Financial Incentives and Wash-Ups**

sch ref			
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	20	
106	Other financial incentives	(30)	
107	**Financial incentives**		(10)
109	**Impact of financial incentives on ROI**		–0.02%
111	Input methodology claw-back	–	
112	CPP application recoverable costs	–	
113	Catastrophic event allowance	–	
114	Capex wash-up adjustment	21	
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**		21
121	**Impact of wash-up costs on ROI**		0.04%

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this 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	8,576
10	*plus*	Gains / (losses) on asset disposals	–
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)	–
12			
13		**Total regulatory income**	8,576
14		**Expenses**	
15	*less*	Operational expenditure	2,351
16			
17	*less*	Pass-through and recoverable costs excluding financial incentives and wash-ups	2,821
18			
19		**Operating surplus / (deficit)**	3,403
20			
21	*less*	Total depreciation	1,699
22			
23	*plus*	Total revaluations	3,079
24			
25		**Regulatory profit / (loss) before tax**	4,783
26			
27	*less*	Term credit spread differential allowance	–
28			
29	*less*	Regulatory tax allowance	565
30			
31		**Regulatory profit/(loss) including financial incentives and wash-ups**	4,217
32			

sch ref			
33	**3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups**	**($000)**	
34	**Pass through costs**		
35	Rates	37	
36	Commerce Act levies	22	
37	Industry levies	41	
38	CPP specified pass through costs		
39	**Recoverable costs excluding financial incentives and wash-ups**		
40	Electricity lines service charge payable to Transpower	2,691	
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	31	
46	**Pass-through and recoverable costs excluding financial incentives and wash-ups**		2,821
47			

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

48	**3(iii): Incremental Rolling Incentive Scheme**	**($000)**	
49		**CY-1**	**CY**
50			**31 Mar 23**
51	Allowed controllable opex	2,325	2,398
52	Actual controllable opex	2,282	2,351
53			
54	Incremental change in year		4
55			
56		**Previous years' incremental change**	**Previous years' incremental change adjusted for inflation**
57	CY-5 [year]		
58	CY-4 [year]		
59	CY-3 [year]		
60	CY-2 [year]		
61	CY-1 [year]		
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	*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)*		
69	**3(v): Other Disclosures**		
70			**($000)**
71	Self-insurance allowance		–

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this 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)

	RAB 31 Mar 19 ($000)	RAB 31 Mar 20 ($000)	RAB 31 Mar 21 ($000)	RAB 31 Mar 22 ($000)	RAB 31 Mar 23 ($000)
Total opening RAB value	41,111	41,934	43,349	43,164	46,261
less **Total depreciation**	1,447	1,530	1,599	1,590	1,699
plus **Total revaluations**	610	1,063	659	2,991	3,079
plus **Assets commissioned**	1,659	1,883	763	1,696	1,644
less **Asset disposals**	–	–	9	–	–
plus **Lost and found assets adjustment**	–	–	–	–	–
plus **Adjustment resulting from asset allocation**	–	–	–	–	0
Total closing RAB value	41,934	43,349	43,164	46,261	49,284

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
Total opening RAB value		46,261		46,261
less				
Total depreciation		1,699		1,699
plus				
Total revaluations		3,079		3,079
plus				
Assets commissioned (other than below)	1,644		1,644	
Assets acquired from a regulated supplier	–		–	
Assets acquired from a related party	–		–	
Assets commissioned		1,644		1,644
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**				0
Total closing RAB value		49,285		49,284

** 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 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref						
51						
52		**4(iii): Calculation of Revaluation Rate and Revaluation of Assets**				
53						
54		CPI_4				1,218
55		CPI_4^{-4}				1,142
56		Revaluation rate (%)				6.65%
57						
58			**Unallocated RAB ***		**RAB**	
59			**($000)**	**($000)**	**($000)**	**($000)**
60		Total opening RAB value	46,261		46,261	
61	*less*	Opening value of fully depreciated, disposed and lost assets	–		–	
62						
63		Total opening RAB value subject to revaluation	46,261		46,261	
64		**Total revaluations**		3,079		3,079
65						
66		**4(iv): Roll Forward of Works Under Construction**				
67			**Unallocated works under construction**		**Allocated works under construction**	
68		**Works under construction—preceding disclosure year**		44		44
69	*plus*	Capital expenditure	1,818		1,818	
70	*less*	Assets commissioned	1,644		1,644	
71	*plus*	Adjustment resulting from asset allocation			–	
72		**Works under construction - current disclosure year**		217		217
73						
74		Highest rate of capitalised finance applied				–
75						

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2023

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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

sch ref		Unallocated RAB *		RAB	
78		($000)	($000)	($000)	($000)
79	Depreciation - standard	1,699		1,699	
80	Depreciation - no standard life assets	–		–	
81	Depreciation - modified life assets	–		–	
82	Depreciation - alternative depreciation in accordance with CPP	–		–	
83	**Total depreciation**		1,699		1,699

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

($000 unless otherwise specified)

sch ref	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
87					
88					
89					
90					
91					
92					
93					
94					

95 ** include additional rows if needed*

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

97 **($000 unless otherwise specified)**

sch ref			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**	–	5,367	10,128	818	16,428	5,625	3,579	3,956	360	46,261
100	*less*	Total depreciation	–	196	305	27	676	196	152	119	28	1,699
101	*plus*	Total revaluations	–	357	674	54	1,093	374	238	263	24	3,079
102	*plus*	Assets commissioned	–	–	–	–	987	138	346	160	14	1,644
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**	–	5,528	10,496	846	17,832	5,941	4,011	4,260	370	49,284
109		**Asset Life**										
110		Weighted average remaining asset life	–	30	25	24	20	26	14	18	2	(years)
111		Weighted average expected total asset life	–	50	44	58	54	55	40	44	9	(years)

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8

sch ref					
7		**5a(i): Regulatory Tax Allowance**		**($000)**	
8		**Regulatory profit / (loss) before tax**		4,783	
9					
10	*plus*	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	414		
14				1,107	
15					
16	*less*	Total revaluations	3,079		
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	793		
21				3,871	
22					
23		**Regulatory taxable income**		2,019	
24					
25	*less*	Utilised tax losses	–		
26		Regulatory net taxable income		2,019	
27					
28		Corporate tax rate (%)	28%		
29		**Regulatory tax allowance**		565	
30					
31	*	Workings to be provided in Schedule 14			
32		**5a(ii): Disclosure of Permanent Differences**			
33		In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).			
34		**5a(iii): Amortisation of Initial Difference in Asset Values**		**($000)**	
35					
36		Opening unamortised initial differences in asset values	11,089		
37	*less*	Amortisation of initial differences in asset values	693		
38	*plus*	Adjustment for unamortised initial differences in assets acquired	–		
39	*less*	Adjustment for unamortised initial differences in assets disposed	–		
40		Closing unamortised initial differences in asset values		10,396	
41					
42		Opening weighted average remaining useful life of relevant assets (years)		16	
43					

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8

sch ref				
44	**5a(iv): Amortisation of Revaluations**			**($000)**
45				
46		Opening sum of RAB values without revaluations	38,581	
47				
48		Adjusted depreciation	1,285	
49		Total depreciation	1,699	
50		Amortisation of revaluations		414
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**	(2,229)	
61				
62	*plus*	Tax effect of adjusted depreciation	360	
63				
64	*less*	Tax effect of tax depreciation	389	
65				
66	*plus*	Tax effect of other temporary differences*	6	
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	(0)	
75				
76		**Closing deferred tax**		(2,446)
77				
78	**5a(vii): Disclosure of Temporary Differences**			
79		*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).*		
80				
81	**5a(viii): Regulatory Tax Asset Base Roll-Forward**			
82				**($000)**
83		**Opening sum of regulatory tax asset values**	18,734	
84	*less*	Tax depreciation	1,390	
85	*plus*	Regulatory tax asset value of assets commissioned	1,644	
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**		18,988

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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

sch ref		($000)	($000)
7	**5b(i): Summary—Related Party Transactions**		
8	**Total regulatory income**		–
9			
10	**Market value of asset disposals**		–
11			
12	Service interruptions and emergencies	–	
13	Vegetation management	–	
14	Routine and corrective maintenance and inspection	9	
15	Asset replacement and renewal (opex)	–	
16	**Network opex**		9
17	Business support	153	
18	System operations and network support	49	
19	**Operational expenditure**		211
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**		211
34			
35	**Other related party transactions**		–

36 **5b(iii): Total Opex and Capex Related Party Transactions**

37	**Name of related party**	**Nature of opex or capex service provided**	**Total value of transactions ($000)**
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	Network Tasman Ltd	Routine and corrective maintenance and inspection	9
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	**Total value of related party transactions**		211
54	** include additional rows if needed*		
55			

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this 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

sch ref	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

sch ref			
20	**Gross term credit spread differential**		–
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 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

sch ref						
7	**5d(i): Operating Cost Allocations**					
8			Value allocated ($000s)			
9		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase ($000s)
10	**Service interruptions and emergencies**					
11	Directly attributable		266			
12	Not directly attributable				–	
13	**Total attributable to regulated service**		266			
14	**Vegetation management**					
15	Directly attributable		28			
16	Not directly attributable				–	
17	**Total attributable to regulated service**		28			
18	**Routine and corrective maintenance and inspection**					
19	Directly attributable		526			
20	Not directly attributable				–	
21	**Total attributable to regulated service**		526			
22	**Asset replacement and renewal**					
23	Directly attributable		85			
24	Not directly attributable				–	
25	**Total attributable to regulated service**		85			
26	**System operations and network support**					
27	Directly attributable		389			
28	Not directly attributable				–	
29	**Total attributable to regulated service**		389			
30	**Business support**					
31	Directly attributable		1,057			
32	Not directly attributable				–	
33	**Total attributable to regulated service**		1,057			
34						
35	**Operating costs directly attributable**		2,351			
36	**Operating costs not directly attributable**	–	–	–	–	–
37	**Operational expenditure**		2,351			
38						

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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

sch ref		($000)
40	**Pass through and recoverable costs**	
41	**Pass through costs**	
42	Directly attributable	100
43	Not directly attributable	
44	**Total attributable to regulated service**	100
45	**Recoverable costs**	
46	Directly attributable	2,722
47	Not directly attributable	
48	**Total attributable to regulated service**	2,722
49		

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

sch ref				($000) CY-1	Current Year (CY)
51				**($000)**	
52	**Change in cost allocation 1**			**CY-1**	**Current Year (CY)**
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				
58					
59					
60				**($000)**	
61	**Change in cost allocation 2**			**CY-1**	**Current Year (CY)**
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				
67					
68					
69				**($000)**	
70	**Change in cost allocation 3**			**CY-1**	**Current Year (CY)**
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				
76					
77					

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

79 *† include additional rows if needed*

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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

sch ref		Value allocated ($000s) Electricity distribution services
10	**Subtransmission lines**	
11	Directly attributable	–
12	Not directly attributable	–
13	**Total attributable to regulated service**	–
14	**Subtransmission cables**	
15	Directly attributable	5,528
16	Not directly attributable	–
17	**Total attributable to regulated service**	5,528
18	**Zone substations**	
19	Directly attributable	10,496
20	Not directly attributable	–
21	**Total attributable to regulated service**	10,496
22	**Distribution and LV lines**	
23	Directly attributable	846
24	Not directly attributable	–
25	**Total attributable to regulated service**	846
26	**Distribution and LV cables**	
27	Directly attributable	17,832
28	Not directly attributable	–
29	**Total attributable to regulated service**	17,832
30	**Distribution substations and transformers**	
31	Directly attributable	5,941
32	Not directly attributable	–
33	**Total attributable to regulated service**	5,941
34	**Distribution switchgear**	
35	Directly attributable	4,011
36	Not directly attributable	–
37	**Total attributable to regulated service**	4,011
38	**Other network assets**	
39	Directly attributable	4,260
40	Not directly attributable	–
41	**Total attributable to regulated service**	4,260
42	**Non-network assets**	
43	Directly attributable	370
44	Not directly attributable	–
45	**Total attributable to regulated service**	370
46		
47	**Regulated service asset value directly attributable**	49,284
48	**Regulated service asset value not directly attributable**	–
49	**Total closing RAB value**	49,284

51 **5e(ii): Changes in Asset Allocations* †**

sch ref				($000) CY-1	Current Year (CY)
53	**Change in asset value allocation 1**				
54	Asset category		Original allocation		
55	Original allocator or line items		New allocation		
56	New allocator or line items		Difference	–	–
58	Rationale for change				
62	**Change in asset value allocation 2**				
63	Asset category		Original allocation		
64	Original allocator or line items		New allocation		
65	New allocator or line items		Difference	–	–
67	Rationale for change				
71	**Change in asset value allocation 3**				
72	Asset category		Original allocation		
73	Original allocator or line items		New allocation		
74	New allocator or line items		Difference	–	–
76	Rationale for change				

79 ** 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 compone*
80 *† include additional rows if needed*

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

sch ref			($000)	($000)
7		**6a(i): Expenditure on Assets**	($000)	($000)
8		Consumer connection		8
9		System growth		45
10		Asset replacement and renewal		1,100
11		Asset relocations		255
12		Reliability, safety and environment:		
13		Quality of supply	249	
14		Legislative and regulatory	–	
15		Other reliability, safety and environment	146	
16		**Total reliability, safety and environment**		395
17		**Expenditure on network assets**		1,803
18		Expenditure on non-network assets		15
19				
20		**Expenditure on assets**		1,818
21	*plus*	Cost of financing		–
22	*less*	Value of capital contributions		–
23	*plus*	Value of vested assets		–
24				
25		**Capital expenditure**		1,818

sch ref		($000)
26	**6a(ii): Subcomponents of Expenditure on Assets (where known)**	($000)
27	Energy efficiency and demand side management, reduction of energy losses	
28	Overhead to underground conversion	
29	Research and development	
	Cybersecurity (Commission only)	

sch ref			($000)	($000)
30		**6a(iii): Consumer Connection**		
31		*Consumer types defined by EDB**	($000)	($000)
32		Load Group 2	8	
33				
34				
35				
36				
37		** include additional rows if needed*		
38		**Consumer connection expenditure**		8
39				
40	*less*	Capital contributions funding consumer connection expenditure	–	
41		**Consumer connection less capital contributions**		8

sch ref			System Growth ($000)	Asset Replacement and Renewal ($000)
42		**6a(iv): System Growth and Asset Replacement and Renewal**		
43				
44				
45		Subtransmission	–	–
46		Zone substations	–	–
47		Distribution and LV lines	–	–
48		Distribution and LV cables	–	956
49		Distribution substations and transformers	45	33
50		Distribution switchgear	–	–
51		Other network assets	–	111
52		**System growth and asset replacement and renewal expenditure**	45	1,100
53	*less*	Capital contributions funding system growth and asset replacement and renewal	–	–
54		**System growth and asset replacement and renewal less capital contributions**	45	1,100
55				

sch ref			($000)	($000)
56		**6a(v): Asset Relocations**		
57		*Project or programme**	($000)	($000)
58		Emano St North Sub Relocation	99	
59		Rutherford St new ducts	147	
60				
61				
62				
63		** include additional rows if needed*		
64		All other projects or programmes - asset relocations	9	
65		**Asset relocations expenditure**		255
66	*less*	Capital contributions funding asset relocations	–	
67		**Asset relocations less capital contributions**		255

		Company Name	**Nelson Electricity Limited**
		For Year Ended	**31 March 2023**

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref			($000)	($000)
68				
69	**6a(vi): Quality of Supply**			
70		*Project or programme**	($000)	($000)
71		Emano St North tripping CB	249	
72				
73				
74				
75				
76		** include additional rows if needed*		
77		All other projects programmes - quality of supply		
78		**Quality of supply expenditure**		249
79	*less*	Capital contributions funding quality of supply		
80		**Quality of supply less capital contributions**		249
81	**6a(vii): Legislative and Regulatory**			
82		*Project or programme**	($000)	($000)
83				
84				
85				
86				
87				
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				
96				
97				
98				
99				
100		** include additional rows if needed*		
101		All other projects or programmes - other reliability, safety and environment	146	
102		**Other reliability, safety and environment expenditure**		146
103	*less*	Capital contributions funding other reliability, safety and environment	–	
104		**Other reliability, safety and environment less capital contributions**		146
105				
106	**6a(ix): Non-Network Assets**			
107	**Routine expenditure**			
108		*Project or programme**	($000)	($000)
109				
110				
111				
112				
113				
114		** include additional rows if needed*		
115		All other projects or programmes - routine expenditure		
116		**Routine expenditure**		–
117	**Atypical expenditure**			
118		*Project or programme**	($000)	($000)
119				
120				
121				
122				
123				
124		** include additional rows if needed*		
125		All other projects or programmes - atypical expenditure	15	
126		**Atypical expenditure**		15
127				
128		**Expenditure on non-network assets**		15

		Company Name	Nelson Electricity Limited
		For Year Ended	31 March 2023

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 this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref			
7	**6b(i): Operational Expenditure**	**($000)**	**($000)**
8	Service interruptions and emergencies	266	
9	Vegetation management	28	
10	Routine and corrective maintenance and inspection	526	
11	Asset replacement and renewal	85	
12	**Network opex**		905
13	System operations and network support	389	
14	Business support	1,057	
15	**Non-network opex**		1,446
16			
17	**Operational expenditure**		2,351
18	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
19	*EDBs' must disclose both a public version of this Schedule (excluding cybersecurity cost data) and a confidential version of this Schedule (including cybersecurity costs)*		
20	Energy efficiency and demand side management, reduction of energy losses		–
21	Direct billing*		–
22	Research and development		–
23	Insurance		232
24	Cybersecurity (Commission only)		–
25	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2023

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 this ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref				
7	**7(i): Revenue**	**Target ($000) [1]**	**Actual ($000)**	**% variance**
8	Line charge revenue	8,694	8,576	(1%)
9	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
10	Consumer connection	245	8	(97%)
11	System growth	270	45	(83%)
12	Asset replacement and renewal	540	1,100	104%
13	Asset relocations	110	255	132%
14	Reliability, safety and environment:			
15	Quality of supply	550	249	(55%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	475	146	(69%)
18	**Total reliability, safety and environment**	1,025	395	(61%)
19	**Expenditure on network assets**	2,190	1,803	(18%)
20	Expenditure on non-network assets	107	15	(86%)
21	Expenditure on assets	2,297	1,818	(21%)
22	**7(iii): Operational Expenditure**			
23	Service interruptions and emergencies	142	266	88%
24	Vegetation management	40	28	(30%)
25	Routine and corrective maintenance and inspection	266	526	98%
26	Asset replacement and renewal	375	85	(77%)
27	**Network opex**	822	905	10%
28	System operations and network support	268	389	45%
29	Business support	1,248	1,057	(15%)
30	**Non-network opex**	1,516	1,446	(5%)
31	**Operational expenditure**	2,338	2,351	1%
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	–	–	–
39	Direct billing	–	–	–
40	Research and development	–	–	–
41	Insurance	–	232	–
42				

43 *1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination*

44 *2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)*

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

sch ref

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)
Load Group 0	Unmetered	Standard	49	687
Load Group 1	Residential Low User	Standard	4,325	22,497
Load Group 2	Residential and Small Business	Standard	4,832	57,126
Load Group 3	Time of Use	Standard	88	32,522
Load Group 4	Large TOU	Standard	1	13,348
Load Group 3	Time of Use	Non-standard	2	9,276
		[Select one]		
		[Select one]		
		[Select one]		
		[Select one]		
Add extra rows for additional consumer groups or price category codes as necessary				
		Standard consumer totals	9,295	126,179
		Non-standard consumer totals	2	9,276
		Total for all consumers	9,297	135,455

Billed quantities by price component

Price component	Streetlight	0-Builders Temporary	0-Unmetered	Group 1 Fixed	Group 1 Variable	Group 1 Distributed Generation	Group 2 Fixed	Group 2 Variable	Group 2 Distributed Generation
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	Days	Days	Days	kVA	kWh	kWh	kVA	kWh	kWh
Load Group 0	365	3,311	13,462						
Load Group 1				23,588,535	22,497,180	290,227			
Load Group 2							38,978,103	57,125,514	368,583
Load Group 3 (Standard)									
Load Group 4									
Load Group 3 (Non-standard)									
Standard consumer totals	365	3,311	13,462	23,588,535	22,497,180	290,227	38,978,103	57,125,514	368,583
Non-standard consumer totals	–	–	–	–	–	–	–	–	–
Total for all consumers	365	3,311	13,462	23,588,535	22,497,180	290,227	38,978,103	57,125,514	368,583

Price component	TOU - Capacity	TOU - Winter Demand	TOU - Installation	TOU - Variable	TOU - Power Factor	TOU -Distributed Generation	TOU Group 4	TOU Group 4 - Power Factor	TOU - Transmission
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	kVA	kVA	Days	kWh	kVArh	kWh	Month	kVArh	Month
Load Group 0									
Load Group 1									
Load Group 2									
Load Group 3 (Standard)	10,189,485	3,671,368	31,558	32,521,686	2,974				
Load Group 4							12	–	–
Load Group 3 (Non-standard)	1,241,000	624,903	730	9,276,471	12	6			24
Standard consumer totals	10,189,485	3,671,368	31,558	32,521,686	2,974	–	12	–	–
Non-standard consumer totals	1,241,000	624,903	730	9,276,471	12	6	–	–	24
Total for all consumers	11,430,485	4,296,271	32,288	41,798,158	2,985	6	12	–	24

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

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2023
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

31 **8(ii): Line Charge Revenues ($000) by Price Component**

Row	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)
37	Load Group 0	Unmetered	Standard	$94		$94	
38	Load Group 1	Residential Low User	Standard	$1,816		$1,816	
39	Load Group 2	Residential and Small Business	Standard	$4,444		$4,444	
40	Load Group 3	Time of Use	Standard	$1,558		$1,558	
41	Load Group 4	Large TOU	Non-standard	$389		$389	
42	Load Group 3	Time of Use	Non-standard	$273		$273	
43			[Select one]	–		–	
44			[Select one]	–		–	
45			[Select one]	–		–	
46			[Select one]	–		–	
47	*Add extra rows for additional consumer groups or price category codes as necessary*						
48			**Standard consumer totals**	$7,913	–	$7,913	–
49			**Non-standard consumer totals**	$663	–	$663	–
50			**Total for all consumers**	$8,576	–	$8,576	–

Line charge revenues ($000) by price component

Row	Price component	Streetlight	0-Builders Temporary	0-Unmetered	Group 1 Fixed	Group 1 Variable	Group 1 Distributed Generation	Group 2 Fixed	Group 2 Variable	Group 2 Distributed Generation	TOU - Capacity	TOU - Winter Demand	TOU - Installation	TOU - Variable	TOU - Power Factor	TOU -Distributed Generation	TOU Group 4	TOU Group 4 - Power Factor	TOU - Transmission
35	Rate (eg, $ per day, $ per kWh, etc.)	Days	Days	Days	kVA	kWh	kWh	kVA	kWh	kWh	kVA	kVA	Days	kWh	kVArh	kWh	Month	kVArh	Month
37		$80	2.83491694	$12															
38					$472	$1,343	$1												
39								$2,767	$1,675	$2									
40											$500	$617	$32	$390	$19	$0			
41																	$389	–	–
42											$61	$64	$1	$19	$0	$0			$129
43																			
44																			
45																			
46																			
48		$80	$3	$12	$472	$1,343	$1	$2,767	$1,675	$2	$500	$617	$32	$390	$19	$0	–	–	–
49		–	–	–	–	–	–	–	–	–	$61	$64	$1	$19	$0	$0	$389	–	$129
50		$80	$3	$12	$472	$1,343	$1	$2,767	$1,675	$2	$561	$681	$32	$409	$19	$0	$389	–	$129

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

52 **8(iii): Number of ICPs directly billed** — **Check** OK

53 **Number of directly billed ICPs at year end** 2

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**
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								
9	All	Overhead Line	Concrete poles / steel structure	No.	704	721	17	2
10	All	Overhead Line	Wood poles	No.	108	107	(1)	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	–	3
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	6	6	0	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	25	27	2	3
39	HV	Distribution Cable	Distribution UG PILC	km	51	49	(2)	3
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.	43	43	–	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	16	15	(1)	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	6	7	1	4
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	252	243	(9)	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	8	7	(1)	4
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	188	190	2	3
48	HV	Distribution Transformer	Voltage regulators	No.			–	N/A
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	193	193	–	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.	9,292	9,302	10	4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	82	86	4	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 Limited
					For Year Ended	31 March 2023
					Network / Sub-network Name	

SCHEDULE 9b: ASSET AGE PROFILE

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

sch ref

8 Disclosure Year (year ended)

Number of assets at disclosure year end by installation date

sch ref	Voltage	Asset category	Asset class	Units	pre-1940	1940 –1949	1950 –1959	1960 –1969	1970 –1979	1980 –1989	1990 –1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	No. with age unknown	Items at end of year	No. with default dates	Data accuracy (1–4)
10	All	Overhead Line	Concrete poles / steel structure	No.	21	1	43	225	90	133	36	7	6	27	2	8	8	7	9	9	26	8	21	3	1	3	14	2	4	5			1					1	721		2
11	All	Overhead Line	Wood poles	No.					3		5	2		8		2	7	1	3		8	1	20	10			2	2		1		1	1		1			29	107		2
12	All	Overhead Line	Other pole types	No.																										4	4								8		N/A
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km																																			–		N/A
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km																																			–		N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km						4	0															8		0											12		3
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km																																			–		N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km																																			–		N/A
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km					3	2																													6		2
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km																																			–		N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km																																			–		N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																																			–		N/A
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km																																			–		N/A
23	HV	Subtransmission Cable	Subtransmission submarine cable	km																																			–		N/A
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.																					1														1		4
25	HV	Zone substation Buildings	Zone substations 110kV+	No.																																			–		N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.																																			–		N/A
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.																																			–		N/A
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.																																			–		N/A
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.																																			–		N/A
30	HV	Zone substation switchgear	33kV RMU	No.																																			–		N/A
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.																					10														10		4
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.																																			–		N/A
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.																					26														26		4
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.																																			–		N/A
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.																					3														3		4
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km			1	3	2			0																			1								6		2
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km																																			–		N/A
38	HV	Distribution Line	SWER conductor	km																																			–		N/A
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km				0	2	12	2	0								0		1	0	0		1	0	0	0	1	1	1	0	2	3			0	27		3
40	HV	Distribution Cable	Distribution UG PILC	km	1		0	6	14	4	2	3	0	0	1	0	2	3	0	0	1	3	2	3	1	1	1											0	49		2
41	HV	Distribution Cable	Distribution Submarine Cable	km																																			–		N/A
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.														1																					1		4
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.						7											1	6								12	11	6							43		3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.					2	1		3		1		2	2									1			1		1		1						15		4
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.																										3	2	1			1				7		4
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.				4	34	43	9	5	1	3	7	7	27	6	3	11	7	16	1	6	5		3	3	6	12	7	11	4		2				243		2
47	HV	Distribution Transformer	Pole Mounted Transformer	No.					1	1				1		1	1									1			1										7		4
48	HV	Distribution Transformer	Ground Mounted Transformer	No.				3	6	30	21	3	7	3	7	10	11	9	9	10	8	10	4	3	4	5		6	7	4	5	1	1	3					190		4
49	HV	Distribution Transformer	Voltage regulators	No.																																			–		N/A
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	4			20	40	61	14	6	2	3	2	4	2	4	3	2	3	1	1	2	2	1	1	3	2	1	5	2	1	1					193		4
51	LV	LV Line	LV OH Conductor	km	0		0	10	3	6	0	0								0				0	0	0			0	0			–	0				0	21		2
52	LV	LV Cable	LV UG Cable	km	0		0	21	41	42	12	1	1	2	1	3	4	2	3	3	2	1	3	1	1	1	0	0	1	1	2	0	0	1	0			23	175		2
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	1		0	22	26	9	4	0	0	0		1	1	1	0	0	0	0	0	1		0	0		0	0	0	0	0	0	0			0	68		2
54	LV	Connections	OH/UG consumer service connections	No.	65	3	110	833	679	987	876	118	95	244	251	474	507	449	372	546	396	329	216	142	190	263	510	123	233	73	46	62	44	40	10			16	9,302		3
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.																			6	8	12	40	9				3	1	2	1	4				86		4
56	All	SCADA and communications	SCADA and communications equipment operating as a single sys	Lot													1																						1		4
57	All	Capacitor Banks	Capacitors including controls	No																																			–		N/A
58	All	Load Control	Centralised plant	Lot																					1														1		4
59	All	Load Control	Relays	No																																			–		N/A
60	All	Civils	Cable Tunnels	km																																			–		N/A

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**
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)**	**Total circuit length (km)**
11	> 66kV			–
12	50kV & 66kV			–
13	33kV		18	18
14	SWER (all SWER voltages)			–
15	22kV (other than SWER)			–
16	6.6kV to 11kV (inclusive—other than SWER)	6	76	83
17	Low voltage (< 1kV)	21	175	196
18	**Total circuit length (for supply)**	28	268	296
19				
20	Dedicated street lighting circuit length (km)	1	67	68
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			
22				

23	**Overhead circuit length by terrain (at year end)**	**Circuit length (km)**	**(% of total overhead length)**
24	Urban	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		**Circuit length (km)**	**(% of total circuit length)**
33	Length of circuit within 10km of coastline or geothermal areas (where known)	296	100%
34		**Circuit length (km)**	**(% of total overhead length)**
35	Overhead circuit requiring vegetation management	28	100%

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**

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 *	Average number of ICPs in disclosure year	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 2023**
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	**9e(i): Consumer Connections and Decommissionings**		
9	*Number of ICPs connected during year by consumer type*		
10	*Consumer types defined by EDB**	**Number of connections (ICPs)**	
11	Load Group 0 (Unmetered and Builders Temporary)	6	
12	Load Group 1 (Low User)	–	
13	Load Group 2 (Mass Market - Residential)	14	
14	Load Group 2 (Mass Market - Business)	4	
15	Load Group 3 (Time of Use)	–	
16	** include additional rows if needed*		
17	**Connections total**	24	
18			
19	*Number of ICPs decommissioned during year by consumer type*		
20	*Consumer types defined by EDB**	**Number of decommissionings**	
21	Load Group 0 (Unmetered and Builders Temporary)	–	
22	Load Group 1 (Low User)	1	
23	Load Group 2 (Mass Market - Residential)	3	
24	Load Group 2 (Mass Market - Business)	11	
25	Load Group 3 (Time of Use)	1	
26	** include additional rows if needed*		
27	**Decommissionings total**	16	
28			
29	**Distributed generation**		
30	Number of connections made in year	37	**connections**
32	Capacity of distributed generation installed in year	0.19	**MVA**
33			
34	**9e(ii): System Demand**		
35			
36			
37	**Maximum coincident system demand**	**Demand at time of maximum coincident demand (MW)**	
38	GXP demand	34	
39	*plus* Distributed generation output at HV and above		
40	**Maximum coincident system demand**	34	
41	*less* Net transfers to (from) other EDBs at HV and above		
42	**Demand on system for supply to consumers' connection points**	34	
43	**Electricity volumes carried**	**Energy (GWh)**	
44	Electricity supplied from GXPs	140	
45	*less* Electricity exports to GXPs	–	
46	*plus* Electricity supplied from distributed generation	1	
47	*less* Net electricity supplied to (from) other EDBs	–	
48	**Electricity entering system for supply to consumers' connection points**	141	
49	*less* Total energy delivered to ICPs	135	
51	**Electricity losses (loss ratio)**	6	4.0%
52			
53	**Load factor**	0.48	
54	**9e(iii): Transformer Capacity**		
55		**(MVA)**	
56	Distribution transformer capacity (EDB owned)	100	
57	Distribution transformer capacity (Non-EDB owned, estimated)	–	
58	**Total distribution transformer capacity**	100	
59			
60	**Zone substation transformer capacity**	48	
61			

Company Name	**Nelson Electricity Limited**
For Year Ended	**31 March 2023**
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 this 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)	4	
12	Class C (unplanned interruptions on the network)	2	
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**	6	
20			
21	**Interruption restoration**	**≤3Hrs**	**>3hrs**
22	Class C interruptions restored within	–	2
23			
24	**SAIFI and SAIDI by class**	**SAIFI**	**SAIDI**
25	Class A (planned interruptions by Transpower)	–	–
26	Class B (planned interruptions on the network)	0.13	42.1
27	Class C (unplanned interruptions on the network)	0.25	20.4
28	Class D (unplanned interruptions by Transpower)	–	–
29	Class E (unplanned interruptions of EDB owned generation)		
30	Class F (unplanned interruptions of generation owned by others)		
31	Class G (unplanned interruptions caused by another disclosing entity)		
32	Class H (planned interruptions caused by another disclosing entity)		
33	Class I (interruptions caused by parties not included above)		
34	**Total**	0.38	62.5
35			
36	**Normalised SAIFI and SAIDI**	**Normalised SAIFI**	**Normalised SAIDI**
37	Classes B & C (interruptions on the network)	0.22	29.4
38			
39	**Transitional SAIDI and SAIDI (previous method)**	**SAIFI**	**SAIDI**
40	*Where EDBs do not currently record their SAIFI and SAIDI values using the 'multi-count' approach, they shall continue to record their SAIFI and SAIDI values on the same basis that they employed as at 31 March 2023 as 'Transitional SAIFI' and 'Transitional SAIDI' values, in addition to their SAIFI and SAIDI values (Classes B & C) using the 'multi-count approach'.* ***This is a transitional reporting requirement that shall be in place for the 2024, 2025, and 2026 disclosure years.***		
41	Class B (planned interruptions on the network)		
42	Class C (unplanned interruptions on the network)		
43			

Company Name	Nelson Electricity Limited
For Year Ended	31 March 2023
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 this 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	–	–
Wildlife	–	–
Human error	–	–
Defective equipment	0.25	20.4
Cause unknown	–	–

Breakdown of third party interference	SAIFI	SAIDI
Dig-in		
Overhead contact		
Vandalism		
Vehicle damage		
Other		

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)	0.03	2.6
Distribution cables (excluding LV)	0.10	39.6
Distribution other (excluding LV)	–	–

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)	0.25	20.4
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)	2	76	2.63
Distribution other (excluding LV)	–		0
Total	2		