EDB Information Disclosure Requirements
Information Templates

Schedules 1–10
excluding 5f–5h

Company Name	Electra Limited
Disclosure Date	31 August 2024
Disclosure Year (year ended)	31 March 2024

Templates for Schedules 1–10 excluding 5f–5h
Prepared 16 February 2024

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Disclosure Template Instructions

This document forms Schedules 1–10 to the Electricity Distribution Information Disclosure (Targeted Review 2024) Amendment Determination 2024 [2024] NZCC 2.

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 2023").

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:P106 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 in rows 10 to 60 of the column "Items at end of year (quantity)" 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 L and Q, and between U and AF. If inserting additional columns, headings will need to be copied into the added columns. Additionally, 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 column headings and 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

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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

7
1(i): Expenditure metrics

sch ref		Expenditure per GWh energy delivered to ICPs ($/GWh)	Expenditure per average no. of ICPs ($/ICP)	Expenditure per MW maximum coincident system demand ($/MW)	Expenditure per km circuit length ($/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers ($/MVA)
8						
9	**Operational expenditure**	45,313	415	174,595	8,107	56,539
10	Network	15,652	143	60,310	2,800	19,530
11	Non-network	29,661	272	114,285	5,306	37,009
12						
13	**Expenditure on assets**	35,887	329	138,277	6,420	44,778
14	Network	33,231	304	128,042	5,945	41,464
15	Non-network	2,656	24	10,234	475	3,314
16						

17
1(ii): Revenue metrics

sch ref		Revenue per GWh energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
18			
19	**Total consumer line charge revenue**	112,827	1,033
20	Standard consumer line charge revenue	112,827	1,033
21	Non-standard consumer line charge revenue	–	–
22			

23
1(iii): Service intensity measures

sch ref			
24			
25	Demand density	46	*Maximum coincident system demand per km of circuit length (for supply) (kW/km)*
26	Volume density	179	*Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)*
27	Connection point density	20	*Average number of ICPs per km of circuit length (for supply) (ICPs/km)*
28	Energy intensity	9,155	*Total energy delivered to ICPs per average number of ICPs (kWh/ICP)*
29			

30
1(iv): Composition of regulatory income

sch ref		($000)	% of revenue
31			
32	Operational expenditure	19,393	39.55%
33	Pass-through and recoverable costs excluding financial incentives and wash-ups	9,434	19.24%
34	Total depreciation	10,891	22.21%
35	Total revaluations	9,668	19.72%
36	Regulatory tax allowance	2,431	4.96%
37	Regulatory profit/(loss) including financial incentives and wash-ups	16,448	33.54%
38	**Total regulatory income**	49,035	
39			

40
1(v): Reliability

sch ref			
41			
42	Interruption rate	17.98	*Interruptions per 100 circuit km*

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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**			
9	**ROI – comparable to a post tax WACC**	%	%	%
10	Reflecting all revenue earned	9.32%	8.26%	6.34%
11	Excluding revenue earned from financial incentives	9.32%	8.26%	6.34%
12	Excluding revenue earned from financial incentives and wash-ups	9.32%	8.26%	6.34%
14	**Mid-point estimate of post tax WACC**	3.52%	4.88%	6.05%
15	25th percentile estimate	2.84%	4.20%	5.37%
16	75th percentile estimate	4.20%	5.56%	6.73%
19	**ROI – comparable to a vanilla WACC**			
20	Reflecting all revenue earned	9.62%	8.77%	7.04%
21	Excluding revenue earned from financial incentives	9.62%	8.77%	7.04%
22	Excluding revenue earned from financial incentives and wash-ups	9.62%	8.77%	7.04%
24	**WACC rate used to set regulatory price path**			
26	**Mid-point estimate of vanilla WACC**	3.82%	5.39%	6.75%
27	25th percentile estimate	3.14%	4.71%	6.07%
28	75th percentile estimate	4.50%	6.07%	7.43%

sch ref				($000)	
30	**2(ii): Information Supporting the ROI**				
32		Total opening RAB value	241,685		
33	*plus*	Opening deferred tax	(11,603)		
34	**Opening RIV**			230,082	
36	**Line charge revenue**			48,287	
38		Expenses cash outflow	28,827		
39	*add*	Assets commissioned	17,480		
40	*less*	Asset disposals	996		
41	*add*	Tax payments	1,498		
42	*less*	Other regulated income	748		
43	**Mid-year net cash outflows**			46,061	
45	**Term credit spread differential allowance**			107	
47		Total closing RAB value	256,946		
48	*less*	Adjustment resulting from asset allocation	0		
49	*less*	Lost and found assets adjustment	–		
50	*plus*	Closing deferred tax	(12,536)		
51	**Closing RIV**			244,410	
53	**ROI – comparable to a vanilla WACC**				7.04%
55		Leverage (%)			42%
56		Cost of debt assumption (%)			5.97%
57		Corporate tax rate (%)			28%
59	**ROI – comparable to a post tax WACC**				6.34%

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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		
63	**Opening RIV**	N/A

sch ref		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
67	April						–
68	May						–
69	June						–
70	July						–
71	August						–
72	September						–
73	October						–
74	November						–
75	December						–
76	January						–
77	February						–
78	March						–
79	**Total**	–	–	–	–	–	–

sch ref		
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**	6.89%
96	**Year-end ROI – comparable to a post tax WACC**	6.18%

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	IRIS incentive adjustment		
103	Purchased assets – avoided transmission charge		
104	Energy efficiency and demand incentive allowance		
105	Quality incentive adjustment		
106	Other financial incentives		
107	**Financial incentives**		–
109	**Impact of financial incentives on ROI**		–
111	Input methodology claw-back		
112	CPP application recoverable costs		
113	Catastrophic event allowance		
114	Capex wash-up adjustment		
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**		–
121	**Impact of wash-up costs on ROI**		–

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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		48,287
10	*plus*	Gains / (losses) on asset disposals		(847)
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)		1,595
13		**Total regulatory income**		49,035
14		**Expenses**		
15	*less*	Operational expenditure		19,393
17	*less*	Pass-through and recoverable costs excluding financial incentives and wash-ups		9,434
19		**Operating surplus / (deficit)**		20,209
21	*less*	Total depreciation		10,891
23	*plus*	Total revaluations		9,668
25		**Regulatory profit / (loss) before tax**		18,986
27	*less*	Term credit spread differential allowance		107
29	*less*	Regulatory tax allowance		2,431
31		**Regulatory profit/(loss) including financial incentives and wash-ups**		16,448
33		**3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups**	**($000)**	
34		**Pass through costs**		
35		Rates	201	
36		Commerce Act levies	40	
37		Industry levies	127	
38		CPP specified pass through costs	–	
39		**Recoverable costs excluding financial incentives and wash-ups**		
40		Electricity lines service charge payable to Transpower	8,792	
41		Transpower new investment contract charges	–	
42		System operator services	–	
43		Distributed generation allowance	274	
44		Extended reserves allowance	–	
45		Other recoverable costs excluding financial incentives and wash-ups	–	
46		**Pass-through and recoverable costs excluding financial incentives and wash-ups**		9,434
48		**3(iv): Merger and Acquisition Expenditure**		
49				**($000)**
50		Merger and acquisition expenditure		n/a
52		*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)*		
53		**3(v): Other Disclosures**		
54				**($000)**
55		Self-insurance allowance		n/a

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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 CY-4 ($000)	RAB CY-3 ($000)	RAB CY-2 ($000)	RAB CY-1 ($000)	RAB CY ($000)
Total opening RAB value	179,637	202,021	209,173	226,821	241,685
less **Total depreciation**	7,519	10,403	9,045	10,351	10,891
plus **Total revaluations**	4,533	3,044	14,407	14,961	9,668
plus **Assets commissioned**	26,073	14,770	12,769	11,471	17,480
less **Asset disposals**	702	259	483	1,215	996
plus **Lost and found assets adjustment**	–	–	–	–	–
plus **Adjustment resulting from asset allocation**	(0)	0	0	(0)	0
Total closing RAB value	202,021	209,173	226,821	241,685	256,946

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB *		RAB	
	($000)	($000)	($000)	($000)
Total opening RAB value		241,685		241,685
less				
Total depreciation		10,891		10,891
plus				
Total revaluations		9,668		9,668
plus				
Assets commissioned (other than below)	17,480		17,480	
Assets acquired from a regulated supplier	–		–	
Assets acquired from a related party	–		–	
Assets commissioned		17,480		17,480
less				
Asset disposals (other than below)	986		986	
Asset disposals to a regulated supplier	–		–	
Asset disposals to a related party	11		11	
Asset disposals		996		996
plus **Lost and found assets adjustment**		–		–
plus **Adjustment resulting from asset allocation**				0
Total closing RAB value		256,946		256,946

** 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	**Electra Limited**
For Year Ended	**31 March 2024**

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

sch ref			0	Unallocated RAB *		RAB	
51							
52	**4(iii): Calculation of Revaluation Rate and Revaluation of Assets**						
53							
54		CPI_4					1,267
55		CPI_4^{-4}					1,218
56		Revaluation rate (%)					4.02%
57							
58			0	Unallocated RAB *		RAB	
59				($000)	($000)	($000)	($000)
60		Total opening RAB value		241,685		241,685	
61	*less*	Opening value of fully depreciated, disposed and lost assets		1,376		1,376	
62							
63		Total opening RAB value subject to revaluation		240,309		240,309	
64		**Total revaluations**			9,668		9,668
65							

4(iv): Roll Forward of Works Under Construction

sch ref			Unallocated works under construction		Allocated works under construction	
66	**4(iv): Roll Forward of Works Under Construction**					
67						
68		**Works under construction—preceding disclosure year**		7,354		7,354
69	*plus*	Capital expenditure	15,785		15,785	
70	*less*	Assets commissioned	17,480		17,480	
71	*plus*	Adjustment resulting from asset allocation			–	
72		**Works under construction - current disclosure year**		5,659		5,659
73						
74		Highest rate of capitalised finance applied				3.21%
75						

Company Name	Electra Limited
For Year Ended	31 March 2024

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	10,891		10,891	
80	Depreciation - no standard life assets	–		–	
81	Depreciation - modified life assets	–		–	
82	Depreciation - alternative depreciation in accordance with CPP	–		–	
83	**Total depreciation**		10,891		10,891

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	0	–	–	–	–
88	0	–	–	–	–
89	0	–	–	–	–
90	0	–	–	–	–
91	0	–	–	–	–
92	0	–	–	–	–
93	0	–	–	–	–
94	0	–	–	–	–

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**	10,948	13,238	33,289	61,913	41,897	31,182	19,350	16,262	13,606	241,685
100	*less*	Total depreciation	466	343	1,348	2,318	1,392	1,096	733	935	2,260	10,891
101	*plus*	Total revaluations	439	533	1,333	2,480	1,686	1,244	766	648	539	9,668
102	*plus*	Assets commissioned	–	56	1,226	7,012	457	1,195	2,423	2,863	2,248	17,480
103	*less*	Asset disposals	9	–	114	269	–	235	286	21	62	996
104	*plus*	Lost and found assets adjustment	–	–	–	–	–	–	–	–	–	–
105	*plus*	Adjustment resulting from asset allocation	–	–	–	–	–	–	–	–	–	–
106	*plus*	Asset category transfers	–	–	–	–	–	–	–	–	–	–
107		**Total closing RAB value**	10,912	13,484	34,387	68,819	42,648	32,289	21,520	18,817	14,071	256,946
109		**Asset Life**										
110		Weighted average remaining asset life	30.9	40.8	33.7	36.0	36.9	32.9	29.8	25.4	8.2	(years)
111		Weighted average expected total asset life	51.2	55.3	48.5	50.9	61.8	45.0	37.2	31.9	11.8	(years)

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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

5a(i): Regulatory Tax Allowance

			($000)	
	Regulatory profit / (loss) before tax		18,986	
plus	Income not included in regulatory profit / (loss) before tax but taxable	450		*
	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	35		*
	Amortisation of initial differences in asset values	2,474		
	Amortisation of revaluations	2,113		
			5,073	
less	Total revaluations	9,668		
	Income included in regulatory profit / (loss) before tax but not taxable	–		*
	Discretionary discounts and customer rebates	–		
	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	–		*
	Notional deductible interest	5,708		
			15,376	
	Regulatory taxable income		8,682	
less	Utilised tax losses	–		
	Regulatory net taxable income		8,682	
	Corporate tax rate (%)	28%		
	Regulatory tax allowance		2,431	

* 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)
	Opening unamortised initial differences in asset values	54,061	
less	Amortisation of initial differences in asset values	2,474	
plus	Adjustment for unamortised initial differences in assets acquired	–	
less	Adjustment for unamortised initial differences in assets disposed	168	
	Closing unamortised initial differences in asset values		51,419
	Opening weighted average remaining useful life of relevant assets (years)		22

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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	193,018	
47				
48		Adjusted depreciation	8,778	
49		Total depreciation	10,891	
50		Amortisation of revaluations		2,113
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**	(11,603)	
61				
62	*plus*	Tax effect of adjusted depreciation	2,458	
63				
64	*less*	Tax effect of tax depreciation	2,652	
65				
66	*plus*	Tax effect of other temporary differences*	175	
67				
68	*less*	Tax effect of amortisation of initial differences in asset values	693	
69				
70	*plus*	Deferred tax balance relating to assets acquired in the disclosure year	(365)	
71				
72	*less*	Deferred tax balance relating to assets disposed in the disclosure year	(144)	
73				
74	*plus*	Deferred tax cost allocation adjustment	(0)	
75				
76		**Closing deferred tax**		(12,536)
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**	101,115	
84	*less*	Tax depreciation	9,473	
85	*plus*	Regulatory tax asset value of assets commissioned	16,058	
86	*less*	Regulatory tax asset value of asset disposals	483	
87	*plus*	Lost and found assets adjustment	–	
88	*plus*	Adjustment resulting from asset allocation	–	
89	*plus*	Other adjustments to the RAB tax value	(7,849)	
90		**Closing sum of regulatory tax asset values**		99,369

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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

sch ref		($000)	($000)	
7	**5b(i): Summary—Related Party Transactions**			
8	**Total regulatory income**		32	
9				
10	**Market value of asset disposals**		5	
11				
12	Service interruptions and emergencies	–		
13	Vegetation management	–		
14	Routine and corrective maintenance and inspection	–		
15	Asset replacement and renewal (opex)	–		
16	**Network opex**		–	
17	Business support	33		
18	System operations and network support	540		
19	Non-network solutions provided by a related party or third party	–		*Not Required before DY2025*
20	**Operational expenditure**		573	
21	Consumer connection	20		
22	System growth	–		
23	Asset replacement and renewal (capex)	–		
24	Asset relocations	–		
25	Quality of supply	–		
26	Legislative and regulatory	–		
27	Other reliability, safety and environment	–		
28	**Expenditure on non-network assets**		–	
29	**Expenditure on assets**		20	
30	Cost of financing		–	
31	Value of capital contributions		–	
32	Value of vested assets		140	
33	**Capital Expenditure**		160	
34	**Total expenditure**		733	
35				
36	**Other related party transactions**		–	

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

sch ref	Name of related party	Nature of opex or capex service provided	Total value of transactions ($000)
39	Electra Services Ltd	System operations and network support	540
40	Electra Services Ltd	Business support	33
41	Horowhenua Developments Limited	Consumer connection	20
42	0	[Select one]	–
43	0	[Select one]	–
44	0	[Select one]	–
45	0	[Select one]	–
46	0	[Select one]	–
47	0	[Select one]	–
48	0	[Select one]	–
49	0	[Select one]	–
50	0	[Select one]	–
51	0	[Select one]	–
52	0	[Select one]	–
53	0	[Select one]	–
54	**Total value of related party transactions**		593
55	** include additional rows if needed*		

Company Name	Electra Limited
For Year Ended	31 March 2024

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	Electra Limited	27/1/2021	23/12/2020	7.0	3.03%	30,000	30,000	45	(43)
12	Electra Limited	27/1/2021	23/12/2020	10.0	3.39%	13,000	13,000	49	(13)
13	Electra Limited	27/1/2021	23/12/2020	12.0	3.58%	12,000	12,000	63	(10)
14	Electra Limited	25/3/2021	25/3/2021	7.0	3.54%	9,000	9,000	14	(13)
15	0	0/1/1900	0/1/1900	–	–	–	–	–	–
16	** include additional rows if needed*						64,000	170	(79)

17

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

19

sch ref			
20	**Gross term credit spread differential**		92
21			
22	Total book value of interest bearing debt	89,692	
23	Leverage	42%	
24	Average opening and closing RAB values	249,316	
25	**Attribution Rate (%)**		117%
26			
27	**Term credit spread differential allowance**		107

		Company Name	Electra Limited
		For Year Ended	31 March 2024

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	5d(i): Operating Cost Allocations	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase ($000s)
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		2,599			
12	Not directly attributable	–	–	–	–	–
13	**Total attributable to regulated service**		2,599			
14	**Vegetation management**					
15	Directly attributable		1,833			
16	Not directly attributable	–	–	–	–	–
17	**Total attributable to regulated service**		1,833			
18	**Routine and corrective maintenance and inspection**					
19	Directly attributable		1,300			
20	Not directly attributable	–	–	–	–	–
21	**Total attributable to regulated service**		1,300			
22	**Asset replacement and renewal**					
23	Directly attributable		967			
24	Not directly attributable	–	–	–	–	–
25	**Total attributable to regulated service**		967			
26	**Non-network solutions provided by a related party or third party** *Not required before DY2025*					
27	Directly attributable		–			
28	Not directly attributable	–	–	–	–	–
29	**Total attributable to regulated service**		–			
30	**System operations and network support**					
31	Directly attributable		5,460			
32	Not directly attributable	–	–	–	–	–
33	**Total attributable to regulated service**		5,460			
34	**Business support**					
35	Directly attributable		3,364			
36	Not directly attributable	–	3,869	–	3,869	–
37	**Total attributable to regulated service**		7,234			
38						
39	**Operating costs directly attributable**		15,524			
40	**Operating costs not directly attributable**	–	3,869	–	3,869	–
41	**Operational expenditure**		19,393			
42						

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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

43 ### 5d(ii): Other Cost Allocations

sch ref		($000)
44	**Pass through and recoverable costs**	
45	**Pass through costs**	
46	Directly attributable	366
47	Not directly attributable	2
48	**Total attributable to regulated service**	368
49	**Recoverable costs**	
50	Directly attributable	9,066
51	Not directly attributable	–
52	**Total attributable to regulated service**	9,066
53		

54 ### 5d(iii): Changes in Cost Allocations* †

sch ref				($000) CY-1	Current Year (CY)
56	**Change in cost allocation 1**				
57	Cost category	0	Original allocation	–	–
58	Original allocator or line items	0	New allocation	–	–
59	New allocator or line items	0	Difference	–	–
60					
61	Rationale for change	0			

sch ref				($000) CY-1	Current Year (CY)
65	**Change in cost allocation 2**				
66	Cost category	0	Original allocation	–	–
67	Original allocator or line items	0	New allocation	–	–
68	New allocator or line items	0	Difference	–	–
69					
70	Rationale for change	0			

sch ref				($000) CY-1	Current Year (CY)
74	**Change in cost allocation 3**				
75	Cost category	0	Original allocation	–	–
76	Original allocator or line items	0	New allocation	–	–
77	New allocator or line items	0	Difference	–	–
78					
79	Rationale for change	0			

82 ** 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.*
83 *† include additional rows if needed*

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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

5e(i): Regulated Service Asset Values

	Value allocated ($000s) Electricity distribution services
Subtransmission lines	
Directly attributable	10,912
Not directly attributable	–
Total attributable to regulated service	10,912
Subtransmission cables	
Directly attributable	13,484
Not directly attributable	–
Total attributable to regulated service	13,484
Zone substations	
Directly attributable	34,387
Not directly attributable	–
Total attributable to regulated service	34,387
Distribution and LV lines	
Directly attributable	68,819
Not directly attributable	–
Total attributable to regulated service	68,819
Distribution and LV cables	
Directly attributable	42,648
Not directly attributable	–
Total attributable to regulated service	42,648
Distribution substations and transformers	
Directly attributable	32,289
Not directly attributable	–
Total attributable to regulated service	32,289
Distribution switchgear	
Directly attributable	21,520
Not directly attributable	–
Total attributable to regulated service	21,520
Other network assets	
Directly attributable	18,817
Not directly attributable	–
Total attributable to regulated service	18,817
Non-network assets	
Directly attributable	14,071
Not directly attributable	–
Total attributable to regulated service	14,071
Regulated service asset value directly attributable	256,946
Regulated service asset value not directly attributable	–
Total closing RAB value	256,946

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

			($000)	
Change in asset value allocation 1			**CY-1**	**Current Year (CY)**
Asset category	0	Original allocation	–	–
Original allocator or line items	0	New allocation	–	–
New allocator or line items	0	Difference	–	–
Rationale for change	0			

			($000)	
Change in asset value allocation 2			**CY-1**	**Current Year (CY)**
Asset category	0	Original allocation	–	–
Original allocator or line items	0	New allocation	–	–
New allocator or line items	0	Difference	–	–
Rationale for change	0			

			($000)	
Change in asset value allocation 3			**CY-1**	**Current Year (CY)**
Asset category	0	Original allocation	–	–
Original allocator or line items	0	New allocation	–	–
New allocator or line items	0	Difference	–	–
Rationale for change	0			

** 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*
† include additional rows if needed

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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)
7		**6a(i): Expenditure on Assets**	($000)	($000)
8		Consumer connection		–
9		System growth		425
10		Asset replacement and renewal		9,709
11		Asset relocations		10
12		Reliability, safety and environment:		
13		Quality of supply	2,550	
14		Legislative and regulatory	292	
15		Other reliability, safety and environment	1,236	
16		**Total reliability, safety and environment**		4,078
17		**Expenditure on network assets**		14,222
18		Expenditure on non-network assets		1,137
19				
20		**Expenditure on assets**		15,359
21	*plus*	Cost of financing		88
22	*less*	Value of capital contributions		–
23	*plus*	Value of vested assets		338
24				
25		**Capital expenditure**		15,785

sch ref		
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	–

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

sch ref			System Growth ($000)	Asset Replacement and Renewal ($000)
43		**6a(iv): System Growth and Asset Replacement and Renewal**		
46		Subtransmission	–	384
47		Zone substations	10	1,231
48		Distribution and LV lines	–	5,628
49		Distribution and LV cables	368	89
50		Distribution substations and transformers	–	1,592
51		Distribution switchgear	–	368
52		Other network assets	46	418
53		**System growth and asset replacement and renewal expenditure**	425	9,709
54	*less*	Capital contributions funding system growth and asset replacement and renewal	–	–
55		**System growth and asset replacement and renewal less capital contributions**	425	9,709
56				

sch ref				
57		**6a(v): Asset Relocations**		
58		*Project or programme**	($000)	($000)
59		Relocation of Network Distribution Assets	10	
60			–	
61			–	
62			–	
63			–	
64		** include additional rows if needed*		
65		All other projects or programmes - asset relocations	–	
66		**Asset relocations expenditure**		10
67	*less*	Capital contributions funding asset relocations	–	
68		**Asset relocations less capital contributions**		10

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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				
69				
70		**6a(vi): Quality of Supply**		
71		*Project or programme**	**($000)**	**($000)**
72		Protection Work	1,031	
73		Network Automation and Sectionalisation	332	
74		Fault Locator	225	
75		Condition Monitoring	385	
76			–	
77		** include additional rows if needed*		
78		All other projects programmes - quality of supply	577	
79		**Quality of supply expenditure**		2,550
80	*less*	Capital contributions funding quality of supply	–	
81		**Quality of supply less capital contributions**		2,550
82		**6a(vii): Legislative and Regulatory**		
83		*Project or programme**	**($000)**	**($000)**
84		Seismic Strengthening of Zone Substation Buildings	292	
85			–	
86			–	
87			–	
88			–	
89		** include additional rows if needed*		
90		All other projects or programmes - legislative and regulatory	–	
91		**Legislative and regulatory expenditure**		292
92	*less*	Capital contributions funding legislative and regulatory	–	
93		**Legislative and regulatory less capital contributions**		292
94		**6a(viii): Other Reliability, Safety and Environment**		
95		*Project or programme**	**($000)**	**($000)**
96		Steel Link Pillar Removal	395	
97		Replacement of pitch-filled potheads	59	
98		New ABS and renewals	782	
99		Replacement of Deck Transformers	–	
100			–	
101		** include additional rows if needed*		
102		All other projects or programmes - other reliability, safety and environment	–	
103		**Other reliability, safety and environment expenditure**		1,236
104	*less*	Capital contributions funding other reliability, safety and environment	–	
105		**Other reliability, safety and environment less capital contributions**		1,236
106				
107		**6a(ix): Non-Network Assets**		
108		**Routine expenditure**		
109		*Project or programme**	**($000)**	**($000)**
110		Office Buildings, Depots & Workshops	59	
111		Motor Vehicles	58	
112		PPE (Tools, plant & other machinery)	405	
113		ICT	289	
114		IoT	24	
115		** include additional rows if needed*		
116		All other projects or programmes - routine expenditure	302	
117		**Routine expenditure**		1,137
118		**Atypical expenditure**		
119		*Project or programme**	**($000)**	**($000)**
120			–	
121			–	
122			–	
123			–	
124			–	
125		** include additional rows if needed*		
126		All other projects or programmes - atypical expenditure	–	
127		**Atypical expenditure**		–
128				
129		**Expenditure on non-network assets**		1,137

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**

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** *Required for DY2024 and DY2025 only*		**($000)**	**($000)**
8	Service interruptions and emergencies		2,599	
9	Vegetation management		1,833	
10	Routine and corrective maintenance and inspection		1,300	
11	Asset replacement and renewal		967	
12	**Network opex**			6,699
13	Non-network solutions provided by a related party or third party	*Required for DY2025 only*	–	
14	System operations and network support		5,460	
15	Business support		7,234	
16	**Non-network opex**			12,694
17				
18	**Operational expenditure**			19,393
19	**6b(i): Operational Expenditure** *Not Required before DY2026*		**($000)**	**($000)**
20	Service interruptions and emergencies:			
21	Vegetation-related		–	
22	Other		–	
23	**Total service interruptions and emergencies**		–	
24	Vegetation management:			
25	Assessment and notification costs		–	
26	Felling or trimming vegetation - in-zone		–	
27	Felling or trimming vegetation - out-of-zone		–	
28	Other		–	
29	**Total vegetation management**		–	
30				
31	Routine and corrective maintenance and inspection:		–	

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For Year Ended	**31 March 2024**

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			
32	Asset replacement and renewal	–	
33	**Network opex**		–
34	Non-network solutions provided by a related party or third party	–	
35	System operations and network support	–	
36	Business support	–	
37	**Non-network opex**		–
38			
39	**Operational expenditure**		–
40	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
41	Energy efficiency and demand side management, reduction of energy losses		–
42	Direct billing*		–
43	Research and development		–
44	Insurance		983
45	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	**Electra Limited**
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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	48,050	48,287	0%
9	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
10	Consumer connection	443	–	(100%)
11	System growth	2,410	425	(82%)
12	Asset replacement and renewal	9,992	9,709	(3%)
13	Asset relocations	–	10	–
14	Reliability, safety and environment:			
15	Quality of supply	4,122	2,550	(38%)
16	Legislative and regulatory	559	292	(48%)
17	Other reliability, safety and environment	755	1,236	64%
18	**Total reliability, safety and environment**	5,436	4,078	(25%)
19	**Expenditure on network assets**	18,281	14,222	(22%)
20	Expenditure on non-network assets	6,820	1,137	(83%)
21	Expenditure on assets	25,101	15,359	(39%)
22	**7(iii): Operational Expenditure**			
23	Service interruptions and emergencies	2,186	2,599	19%
24	Vegetation management	1,784	1,833	3%
25	Routine and corrective maintenance and inspection	1,969	1,300	(34%)
26	Asset replacement and renewal	565	967	71%
27	**Network opex**	6,504	6,699	3%
28	Non-network solutions provided by a related party or third party *Not Required before DY2025*	–	–	–
29	System operations and network support	8,857	5,460	(38%)
30	Business support	5,334	7,234	36%
31	**Non-network opex**	14,191	12,694	(11%)
32	**Operational expenditure**	20,695	19,393	(6%)
33	**7(iv): Subcomponents of Expenditure on Assets (where known)**			
34	Energy efficiency and demand side management, reduction of energy losses	–	–	–
35	Overhead to underground conversion	–	–	–
36	Research and development	–	–	–
37				
38	**7(v): Subcomponents of Operational Expenditure (where known)**			
39	Energy efficiency and demand side management, reduction of energy losses	–	–	–
40	Direct billing	–	–	–
41	Research and development	–	–	–
42	Insurance	–	983	–
43				

44 *1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination*

45 *2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)*

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.
EDBs should feel free to adjust the page break of this schedule to assist with readibility if needed.

sch ref

8(i): Billed Quantities by Price Component

Billed quantities by price component — *Not Required after DY2024*

Consumer group name or price category code	Standardised connection types	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	Supply Charge	Unit Charge	Fitting Charge	Fixed	Pole Charge	0
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)					Days	kWh of consumption	per fitting	per annum	per annum	0
F	All	Standard	22957	157286	8,402,201	157,285,529	–	–	–	–
TF	All	Standard	14576	78089	5,334,969	78,088,731	–	–	–	–
XTF	All	Standard	5680	64296	2,078,819	64,296,330	–	–	–	–
AF	All	Standard	3222	36196	1,179,313	36,195,826	–	–	–	–
S	Industrial	Standard	274	89541	100,223	89,540,927	–	–	–	–
TEVF	All	Standard	19	141	6,802	140,631	–	–	–	–
XTEVF	All	Standard	19	226	6,893	225,874	–	–	–	–
Streetlighting	Commercial	Standard	2	1013	–	1,012,873	–	2	3,304	–
CommunityLighting	Commercial	Standard	0	804	–	–	1,613	–	–	–
Unmetered	Commercial	Standard	0	386	–	386,427	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary										
		Standard consumer totals	46,749	427,978	17,109,219	427,173,149	1,613	2	3,304	–
		Non-standard consumer totals	–	–	–	–	–	–	–	–
		Total for all consumers	46,749	427,978	17,109,219	427,173,149	1,613	2	3,304	–

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

Line charge revenues ($000) by price componen — *Not Required after DY2024*

Consumer group name or price category code	Standardised connection types	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Total distribution line charge revenue (*Not Required after DY2024*)	Total transmission line charge revenue (*Not Required after DY2024*)	Supply Charge	Unit Charge	Fitting Charge	Fixed	Pole Charge	0
Rate (eg, $ per day, $ per kWh, etc.)						Days	kWh of consumption	per fitting	per annum	per annum	0
F	All	Standard	$21,758	21,758	–	$2,957	$18,802	–	–	–	–
TF	All	Standard	$10,356	10,356	–	$1,882	$8,474	–	–	–	–
XTF	All	Standard	$6,654	6,654	–	$2,500	$4,154	–	–	–	–
AF	All	Standard	$4,396	4,396	–	$1,408	$2,988	–	–	–	–
S	Industrial	Standard	$4,599	4,599	–	$311	$4,288	–	–	–	–
TEVF	All	Standard	$15	15	–	$2	$13	–	–	–	–
XTEVF	All	Standard	$19	19	–	$8	$11	–	–	–	–
Streetlighting	Commercial	Standard	$302	302	–	–	$153	–	$76	$74	–
CommunityLighting	Commercial	Standard	$131	131	–	–	–	$131	–	–	–
Unmetered	Commercial	Standard	$58	58	–	–	$58	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary											
		Standard consumer totals	$48,287	$48,287	–	$9,067	$38,940	$131	$76	$74	–
		Non-standard consumer totals	–	–	–	–	–	–	–	–	–
		Total for all consumers	$48,287	$48,287	–	$9,067	$38,940	$131	$76	$74	–

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

Check OK

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**
Network / Sub-Network Name	

Billed quantities by price component *Not Required before DY2025*

Standardised price component	[Select one]		[Select one]		[Select one]		[Select one]	
EDB defined price component								
	Distribution billed quantity	**Transmission billed quantity**	**Distribution billed quantity**	**Transmission billed quantity**	**Distribution billed quantity**	**Transmission billed quantity**	**Distribution billed quantity**	**Transmission billed quantity**
	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–

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

Line charge revenues ($000) by price component *Not Required before DY2025*

		Standardised price component	[Select one]			[Select one]			[Select one]			[Select one]
		EDB defined price component										
Total distribution line charge revenue	**Total transmission line charge revenue**	*Not Required before DY2025*	**Distribution line charge revenue**	**Transmission line charge revenue**	**Total line charge revenue (distribution and transmission)**	**Distribution line charge revenue**	**Transmission line charge revenue**	**Total line charge revenue (distribution and transmission)**	**Distribution line charge revenue**	**Transmission line charge revenue**	**Total line charge revenue (distribution and transmission)**	**Distribution line charge revenue**	**Transmission line charge revenue**	**Total line charge revenue (distribution and transmission)**
–	–				–			–			–			–
–	–				–			–			–			–
–	–				–			–			–			–
–	–				–			–			–			–
–	–				–			–			–			–
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–	–				–			–			–			–
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–	–				–			–			–			–
–	–				–			–			–			–
–	–		–	–	–	–	–	–	–	–	–	–	–	–
–	–		–	–	–	–	–	–	–	–	–	–	–	–
–	–		–	–	–	–	–	–	–	–	–	–	–	–

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

Check	**Error**

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**
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

9a: Asset Register

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)
9	All	Overhead Line	Concrete poles / steel structure	No.	20,440	20,472	32	3
10	All	Overhead Line	Wood poles	No.	1,169	953	(216)	3
11	All	Overhead Line	Other pole types	No.	–	–	–	[Select one]
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	186	186	–	4
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	–	–	–	[Select one]
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	31	31	0	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	–	–	–	[Select one]
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	–	–	–	[Select one]
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	–	–	–	[Select one]
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	[Select one]
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	[Select one]
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	[Select one]
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	[Select one]
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	[Select one]
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	10	10	–	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	[Select one]
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	–	–	–	[Select one]
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	–	–	[Select one]
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	–	–	–	[Select one]
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	71	72	1	3
29	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	[Select one]
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	39	35	(4)	4
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	18	18	–	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	79	79	–	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	[Select one]
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	19	19	–	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	848	849	1	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	–	–	–	[Select one]
37	HV	Distribution Line	SWER conductor	km	–	–	–	[Select one]
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	143	147	4	3
39	HV	Distribution Cable	Distribution UG PILC	km	121	121	–	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	–	–	–	[Select one]
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	74	73	(1)	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	–	–	–	[Select one]
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	3,005	3,014	9	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	–	–	–	[Select one]
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	168	184	16	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	1,633	1,645	12	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	1,003	1,011	8	3
48	HV	Distribution Transformer	Voltage regulators	No.	–	–	–	[Select one]
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	–	–	–	[Select one]
50	LV	LV Line	LV OH Conductor	km	523	523	0	3
51	LV	LV Cable	LV UG Cable	km	528	535	7	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	64	64	–	2
53	LV	Connections	OH/UG consumer service connections	No.	47,426	47,904	478	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	175	177	2	3
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	–	–	–	[Select one]
57	All	Load Control	Centralised plant	Lot	2	2	–	4
58	All	Load Control	Relays	No	1,924	1,924	–	2
59	All	Civils	Cable Tunnels	km	–	–	–	[Select one]

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**
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

9b: Asset Age Profile

8 **Disclosure Year (year ended)**

Number of assets at disclosure year end by installation date

9	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.	–	28	1,331	5,569	4,323	3,892	2,354	27	6	39	82	63	100	108	147	112	179	139	287	191	157	187	213	180	114	131	159	52	64	85	52	90	–	11	20,472	2,087	3
11	All	Overhead Line	Wood poles	No.	4	18	27	–	63	2	757	–	–	9	7	7	11	3	–	2	10	–	1	2	7	2	–	–	1	2	1	6	1	–	4	3	–	3	953	561	3
12	All	Overhead Line	Other pole types	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	–	25	–	–	69	8	29	–	–	4	–	–	8	0	–	–	–	–	–	–	–	2	–	1	–	1	4	33	–	–	–	–	–	–	186	–	4
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	–	–	–	–	0	–	13	–	–	1	1	–	–	–	–	0	0	–	–	5	0	7	1	0	–	–	–	1	–	–	–	–	–	–	31	1	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	–	–	–	–	2	3	3	–	–	1	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10	–	4
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	–	–	–	2	12	17	27	–	–	–	–	–	–	–	–	–	3	–	7	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	72	–	3
30	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	–	–	–	–	–	–	10	–	–	5	1	–	–	–	1	–	–	10	–	–	–	–	8	–	–	–	–	–	–	–	–	–	–	–	35	–	4
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	–	–	–	–	2	–	–	–	–	–	–	3	–	–	–	4	1	5	–	–	2	–	–	1	–	–	–	–	–	–	–	–	–	–	18	–	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	–	–	–	–	–	3	25	–	6	–	7	–	7	2	1	8	–	–	1	2	1	1	–	10	–	–	4	1	–	–	–	–	–	–	79	–	4
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	–	–	–	1	7	2	2	–	1	2	–	2	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19	–	4
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	–	12	35	154	202	206	58	1	0	8	7	3	4	1	5	4	2	4	6	11	2	8	17	21	16	18	15	7	10	5	1	3	–	–	849	7	3
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
38	HV	Distribution Line	SWER conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km	–	–	–	0	1	2	23	6	6	3	6	5	7	4	2	12	8	3	1	3	3	3	8	6	5	4	4	7	5	4	3	3	1	–	147	6	3
40	HV	Distribution Cable	Distribution UG PILC	km	–	–	–	18	51	49	1	0	0	2	0	0	0	–	0	0	–	–	–	0	0	–	–	–	–	–	–	–	–	–	–	–	–	–	121	–	3
41	HV	Distribution Cable	Distribution Submarine Cable	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	2	5	9	7	5	1	–	–	38	73	–	3
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1	–	12	122	294	481	404	115	9	38	62	36	52	61	64	51	32	22	22	7	18	109	160	167	117	73	24	27	52	35	25	24	–	298	3,014	26	3
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	–	–	–	–	–	–	–	–	–	–	2	1	1	5	7	1	10	3	12	8	7	9	18	4	17	9	7	11	12	3	10	13	–	14	184	–	3
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	2	3	17	49	141	199	139	48	29	27	34	29	28	35	38	55	94	60	58	19	51	49	78	64	68	29	73	21	40	49	18	1	–	–	1,645	–	3
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	–	–	–	20	75	124	72	15	24	25	25	27	40	48	41	72	18	11	31	34	32	29	42	40	26	24	31	26	24	23	9	1	–	2	1,011	–	3
49	HV	Distribution Transformer	Voltage regulators	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
51	LV	LV Line	LV OH Conductor	km	–	52	61	146	106	70	20	0	6	24	0	0	1	0	1	0	1	0	1	0	2	2	3	4	3	2	4	4	2	2	2	4	–	0	523	5	3
52	LV	LV Cable	LV UG Cable	km	–	–	–	26	87	73	62	9	9	35	19	21	26	16	17	26	17	9	7	5	3	4	6	5	6	7	6	4	7	9	8	4	–	1	535	5	3
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	63	64	–	2
54	LV	Connections	OH/UG consumer service connections	No.	–	–	–	–	–	–	22	771	685	609	649	660	710	662	644	669	408	365	339	310	370	398	389	382	556	532	485	410	530	543	547	474	–	34,785	47,904	–	3
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	–	–	–	–	–	5	21	–	8	4	12	3	1	15	3	1	5	1	10	10	–	5	33	3	1	5	7	–	10	7	7	–	–	–	177	–	3
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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]
58	All	Load Control	Centralised plant	Lot	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	4
59	All	Load Control	Relays	No	–	–	–	–	–	–	–	16	21	31	20	37	53	30	42	83	23	17	27	27	32	29	–	–	–	–	–	–	–	–	–	–	–	1,436	1,924	–	2
60	All	Civils	Cable Tunnels	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[Select one]

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**
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 **9c: Overhead Lines and Underground Cables**

sch ref		Overhead (km)	Underground (km)	Total circuit length (km)	
10					
11	**Circuit length by operating voltage (at year end)**	**Overhead (km)**	**Underground (km)**	**Total circuit length (km)**	
12	> 66kV	–	–	–	
13	50kV & 66kV	–	–	–	
14	33kV	186	31	217	
15	SWER (all SWER voltages)	–	–	–	
16	22kV (other than SWER)	–	–	–	
17	6.6kV to 11kV (inclusive—other than SWER)	849	268	1,117	
18	Low voltage (< 1kV)	523	535	1,058	
19	**Total circuit length (for supply)**	1,558	835	2,392	
20					
21	Dedicated street lighting circuit length (km)	14	50	64	
22	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			16	
23					
24	**Overhead circuit length by terrain (at year end)**	**Circuit length (km)**	**(% of total overhead length)**		
25	Urban	452	29%		
26	Rural	483	31%		
27	Remote only	–	–		
28	Rugged only	623	40%		
29	Remote and rugged	–	–		
30	Unallocated overhead lines	–	–		
31	**Total overhead length**	1,558	100%		
32					
33		**Circuit length (km)**	**(% of total circuit length)**		
34	Length of circuit within 10km of coastline or geothermal areas (where known)	1,962	82%		
35					
36		**Circuit length (km)**	**(% of total overhead length)**		
37	Overhead circuit requiring vegetation management	1,558	100%		*Not required after DY2025*
38		**Total newly identified throughout the disclosure year**	**Total remaining at high risk at the disclosure year-end**		
39	Number of overhead circuit sites at high risk from vegetation damage		–		*Not required before DY2026*
40					

41 **Breakdown of overhead circuit sites at high risk from vegetation damage at disclosure year-end**

sch ref	Category of overhead circuit site	Number of overhead circuit sites at high risk from vegetation damage at disclosure year-end	Number of overhead circuit sites involving critical assets at disclosure year-end	
42				
43	[Single tree]	–	–	*Not required before DY2026*
44	[Single tree - Urban]	–	–	*Not required before DY2026*
45	[Single tree - Rural]	–	–	*Not required before DY2026*
46	[Row of trees]	–	–	*Not required before DY2026*
47	[Span between two poles (X metres)]	–	–	*Not required before DY2026*
48	[Other]	–	–	*Not required before DY2026*
49	**Total number of sites**	–	–	*Not required before DY2026*

50 ** Insert new rows in table above Total line as necessary*

Company Name	Electra Limited
For Year Ended	31 March 2024

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)
9	N/A	–	–
10	0	–	–
11	0	–	–
12	0	–	–
13	0	–	–
14	0	–	–
15	0	–	–
16	0	–	–
17	0	–	–
18	0	–	–
19	0	–	–
20	0	–	–
21	0	–	–
22	0	–	–
23	0	–	–
24	0	–	–
25	0	–	–

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	**Electra Limited**
For Year Ended	**31 March 2024**
Network / Sub-network Name	

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref

9e(i): Consumer Connections and Decommissionings

Number of ICPs connected during year by consumer type

*Consumer types defined by EDB**	**Number of connections (ICPs)**
TF	473
AF	42
F	20
S	15
XTF	8
** include additional rows if needed*	
Connections total	558

Number of ICPs decommissioned during year by consumer type

*Consumer types defined by EDB**	**Number of decommissionings**
F	35
TF	7
S	4
AF	4
XTF	3
** include additional rows if needed*	
Decommissionings total	53

Distributed generation

Number of connections made in year	291	**connections**
Capacity of distributed generation installed in year	1.98	**MVA**

9e(ii): System Demand

		Demand at time of maximum coincident demand (MW)	
	Maximum coincident system demand		
	GXP demand	85	
plus	Distributed generation output at HV and above	26	
	Maximum coincident system demand	111	
less	Net transfers to (from) other EDBs at HV and above	–	
	Demand on system for supply to consumers' connection points	111	
	Electricity volumes carried	**Energy (GWh)**	
	Electricity supplied from GXPs	344	
less	Electricity exports to GXPs	–	
plus	Electricity supplied from distributed generation	116	
less	Net electricity supplied to (from) other EDBs	–	
	Electricity entering system for supply to consumers' connection points	460	
less	Total energy delivered to ICPs	428	
	Electricity losses (loss ratio)	32	6.9%
	Load factor	0.47	

9e(iii): Transformer Capacity

	(MVA)
Distribution transformer capacity (EDB owned)	343
Distribution transformer capacity (Non-EDB owned)	15
Total distribution transformer capacity	358

	(MVA)
Zone substation transformer capacity (EDB owned)	358
Zone substation transformer capacity (Non-EDB owned)	–
Total zone substation transformer capacity	358

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**
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**

sch ref	Interruptions by class	Number of interruptions
10	Class A (planned interruptions by Transpower)	–
11	Class B (planned interruptions on the network)	165
12	Class C (unplanned interruptions on the network)	264
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)	1
19	**Total**	430

sch ref	Interruption restoration	≤3Hrs	>3hrs
22	Class C interruptions restored within	196	68

sch ref	SAIFI and SAIDI by class	SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	–	–
26	Class B (planned interruptions on the network)	0.09	25.2
27	Class C (unplanned interruptions on the network)	0.90	62.8
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)	0.04	0.5
34	**Total**	1.04	88.5

sch ref	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI	
37	Classes B & C (interruptions on the network)	1.04	88.5	*Not required after DY2024*

sch ref	Transitional SAIFI and SAIDI (previous method)	SAIFI	SAIDI
40	Class B (planned interruptions on the network)	0.09	25.2
41	Class C (unplanned interruptions on the network)	0.90	62.8

43 *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.***

Company Name	**Electra Limited**
For Year Ended	**31 March 2024**
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	0.04	2.4	
Vegetation	0.09	8.5	
Adverse weather	0.23	18.6	
Adverse environment	0.00	0.0	
Third party interference	0.05	5.9	
Wildlife	0.12	3.8	
Human error	–	–	
Defective equipment	0.27	20.0	
Cause unknown	0.10	3.6	*Not required after DY2024*
Other cause	–	–	*Not required before DY2025*
Unknown	–	–	*Not required before DY2025*

Breakdown of third party interference	SAIFI	SAIDI
Dig-in	–	–
Overhead contact	0.00	0.0
Vandalism	–	–
Vehicle damage	0.02	3.4
Other	0.04	2.4

Breakdown of vegetation interruptions (vegetation cause)	SAIFI	SAIDI	
In-zone	0.06	5.9	*Not required before DY2026*
Out-of-zone	0.04	2.6	*Not required before DY2026*

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)	0.01	2.5
Distribution cables (excluding LV)	–	–
Distribution other (excluding LV)	0.08	22.6

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	–	–
Subtransmission cables	–	–
Subtransmission other	0.01	0.4
Distribution lines (excluding LV)	0.28	22.5
Distribution cables (excluding LV)	0.04	2.6
Distribution other (excluding LV)	0.57	37.3

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	–	185	–
Subtransmission cables	–	30	–
Subtransmission other	1		
Distribution lines (excluding LV)	44	849	5.18
Distribution cables (excluding LV)	4	270	1.48
Distribution other (excluding LV)	216		
Total	265		

Company Name	Electra Limited
For Year Ended	31 March 2024
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(vi): Worst-performing feeders (unplanned)** *Not required before DY2025*

10 **SAIDI**

sch ref	Rank	Feeder name	Unplanned SAIDI values	Number of Unplanned Interruptions	Most Common Cause of Unplanned Interruptions	Circuit Length of Feeder	Number of ICPs	% of Feeder Overhead (optional)
12	1							
13	2							
14	3							
15	4							

16 [1] *Extend table as necessary to disclose all worst-performing feeders*

18 **SAIFI**

sch ref	Rank	Feeder name	Unplanned SAIFI values	Number of Unplanned Interruptions	Most Common Cause of Unplanned Interruptions	Circuit Length of Feeder	Number of ICPs	% of Feeder Overhead (optional)
20	1							
21	2							
22	3							
23	4							

24 [1] *Extend table as necessary to disclose all worst-performing feeders*

26 **Customer Impact**

sch ref	Rank	Feeder name	Customer Impact Ratio	Number of Unplanned Interruptions	Most Common Cause of Unplanned Interruptions	Circuit Length of Feeder	Number of ICPs	% of Feeder Overhead (optional)
28	1							
29	2							
30	3							
31	4							

32 [1] *Extend table as necessary to disclose all worst-performing feeders*

Company Name	Electra Ltd
For Year Ended	31 March 2024

Schedule 14 Mandatory Explanatory Notes

(Guidance Note: This Microsoft Word version of Schedules 14, 14a and 15 is from the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018. Clause references in this template are to that determination)

1. This schedule requires EDBs to provide explanatory notes to information provided in accordance with clauses 2.3.1, 2.4.21, 2.4.22, and subclauses 2.5.1(1)(f),and 2.5.2(1)(e).

2. This schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.1. Information provided in boxes 1 to 11 of this schedule is part of the audited disclosure information, and so is subject to the assurance requirements specified in section 2.8.

3. Schedule 15 (Voluntary Explanatory Notes to Schedules) provides for EDBs to give additional explanation of disclosed information should they elect to do so.

Return on Investment (Schedule 2)

4. In the box below, comment on return on investment as disclosed in Schedule 2. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 1: Explanatory comment on return on investment

Classification is consistent with previous treatment.

For the Disclosure Year 24, Electra's Return on Investment (ROI) for EDB Information Disclosures was 6.34% (below the Vanilla Weighted Average Cost of Capital (WACC) of 7.04%). This sits within the midpoint regulated WACC of 6.05% and 6.75% respectively.

Schedule 2 (iii) was not completed as the value of newly commissioned assets in 2024 was less than 10% of our total opening Regulated Asset Base (RAB).

No items were reclassified in the disclosure year.

Regulatory Profit (Schedule 3)

5. In the box below, comment on regulatory profit for the disclosure year as disclosed in Schedule 3. This comment must include-

    5.1 a description of material items included in other regulated income (other than gains / (losses) on asset disposals), as disclosed in 3(i) of Schedule 3

    5.2 information on reclassified items in accordance with subclause 2.7.1(2)

Box 2: Explanatory comment on regulatory profit

Regulated profit for the Disclosure Year 2024 was $16.4m (down from $19.1m) a decrease of $3m on 2023.

Other Regulated income of $1.6m is made up of the following:

- Chorus and One NZ pole rental
- Recovery of damage to network assets (from either insurers or directly from third parties)
- External contracting on the Electra Network

No items have been reclassified during the disclosure year.

Merger and acquisition expenses (3(iv) of Schedule 3)

6. If the EDB incurred merger and acquisitions expenditure during the disclosure year, provide the following information in the box below-

   6.1 information on reclassified items in accordance with subclause 2.7.1(2)

   6.2 any other commentary on the benefits of the merger and acquisition expenditure to the EDB.

Box 3: Explanatory comment on merger and acquisition expenditure

There were no mergers, acquisitions or reclassifications during the disclosure year 2024, which related to the regulated business.

Value of the Regulatory Asset Base (Schedule 4)

7. In the box below, comment on the value of the regulatory asset base (rolled forward) in Schedule 4. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 4: Explanatory comment on the value of the regulatory asset based (rolled forward)

Electra's Regulatory Asset Base (RAB) increased by $15.3m in the disclosure year. This increase was driven by:

- Assets commissioned $17.5m
- Revaluations $9.7m
- Depreciation $10.9m
- Disposals $1m

No items were reclassified in the disclosure year.

Regulatory tax allowance: disclosure of permanent differences (5a(i) of Schedule 5a)

8. In the box below, provide descriptions and workings of the material items recorded in the following asterisked categories of 5a(i) of Schedule 5a-

   8.1 Income not included in regulatory profit / (loss) before tax but taxable;

   8.2 Expenditure or loss in regulatory profit / (loss) before tax but not deductible;

   8.3 Income included in regulatory profit / (loss) before tax but not taxable;

   8.4 Expenditure or loss deductible but not in regulatory profit / (loss) before tax.

Box 5: Regulatory tax allowance: permanent differences

8.1 Income not included in regulatory profit/(loss) before tax but taxable:

- Mangahao Rental Compensation $26k
- Rental Income $101k
- Miscellaneous Income $36k
- Current A/c Interest $18k
- Short Term Investment Interest $269k

8.2 Expenditure or loss in regulatory profit/(loss) before tax but not deductible

- Legal costs $3k
- Consultancy costs $27k
- Donations $5k

8.3 Nil

8.4 Nil

Regulatory tax allowance: disclosure of temporary differences (5a(vi) of Schedule 5a)

9. In the box below, provide descriptions and workings of material items recorded in the asterisked category 'Tax effect of other temporary differences' in 5a(vi) of Schedule 5a.

Box 6: Tax effect of other temporary differences (current disclosure year)
Temporary differences relate to employee provisions, provision for doubtful debts and discounts as they relate to the regulated business. The movement in these provisions has been multiplied by the tax rate to calculate the deferred tax figure.

Cost allocation (Schedule 5d)

10. In the box below, comment on cost allocation as disclosed in Schedule 5d. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 7: Cost allocation

Electra's disclosure includes details on directly attributable costs incurred by the distribution business. These costs are identified using division coding within the general ledger. The primary areas where directly attributable costs are incurred include:

- System Operations and Network Support
- Network Management and Administration
- Customer-Related Costs

However, not all costs are directly attributable. In such cases, Electra follows the Accounting Based Allocation Approach (ABAA) methodology to allocate costs. The ABAA method considers causal relationships, where the cost driver leads to the incurred cost.

Notably, there have been no proxy relationships used in the disclosure year ending March 31, 2024.

The costs that are not directly attributable include the following, with a casual allocation based on management's estimate of staff time working on regulated and unregulated services:

- Senior Leadership Team (SLT) Salaries and Wages
- Corporate Salaries and Wages
- Corporate Overheads and Expenses (Including Directors)

No items have been reclassified during the disclosure year.

Asset allocation (Schedule 5e)

11. In the box below, comment on asset allocation as disclosed in Schedule 5e. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 8: Commentary on asset allocation

All assets are directly attributable to the regulated service.

There have been no reclassified items during the disclosure year.

Capital Expenditure for the Disclosure Year (Schedule 6a)

12. In the box below, comment on expenditure on assets for the disclosure year, as disclosed in Schedule 6a. This comment must include-

    12.1 a description of the materiality threshold applied to identify material projects and programmes described in Schedule 6a;

    12.2 information on reclassified items in accordance subclause 2.7.1(2).

Box 9: Explanation of capital expenditure for the disclosure year

Disclosed Expenditure on Assets:

- The total disclosed expenditure on assets amounted to **$15.8m** for the year. This represents an increase from the prior year's expenditure of **$13.8m**.
- Specifically, expenditure on network assets during the disclosure year was **$14.2m**, compared to **$11.6m** in 2023.

Materiality Threshold:

- A materiality threshold of **$100k** has been applied to identify significant projects or programs of work. Any expenditure exceeding this threshold is considered material and warrants disclosure.

Reclassified Items:

- No capital expenditure has been reclassified during the disclosure year.

Operational Expenditure for the Disclosure Year (Schedule 6b)

13. In the box below, comment on operational expenditure for the disclosure year, as disclosed in Schedule 6b. This comment must include-

    13.1 Commentary on assets replaced or renewed with asset replacement and renewal operational expenditure, as reported in 6b(i) of Schedule 6b;

    13.2 Information on reclassified items in accordance with subclause 2.7.1(2)

    13.3 Commentary on any material atypical expenditure included in operational expenditure disclosed in Schedule 6b, a including the value of the expenditure the purpose of the expenditure, and the operational expenditure categories the expenditure relates to.

Box 10: Explanation of operational expenditure for the disclosure year

- **Total Operational Expenditure:**
  - Electra's operational expenditure during the disclosure year amounted to **$19.4 million,** a **6% decrease** compared to the AMP (Asset Management Plan) forecast.
- **Network Operational Expenditure:**
  - Network operational expenditure was **3% more** than the forecasted amount.
- **Non-Network Operational Expenditure:**
  - Non-network operational expenditure was **11% below** the forecast.
- **Operational Expenditure on Asset Replacement and Renewal:**
  - Electra incurred **$402k** more than forecasted for asset replacement and renewal. This increase was primarily related to maintenance to switchgear and distribution lines that were not budgeted for, and completion of maintenance work at the Paekākāriki Zone Substation (DY23 project).
- **Reclassified Items:**
  - No capital expenditure items were reclassified during the disclosure year.
- **Atypical Material Items:**
  - There was no material atypical expenditure included in operational expenditure for the year.

Variance between forecast and actual expenditure (Schedule 7)

14. In the box below, comment on variance in actual to forecast expenditure for the disclosure year, as reported in Schedule 7. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 11: Explanatory comment on variance in actual to forecast expenditure.

Expenditure on Network Assets

The variance in forecast Network Capital expenditure for the 2024 disclosure year is attributed to increased lead times in procuring material, initial studies and inability to locate suitable route for new infrastructure resulting in redesign and rephasing of key projects.

Expenditure on Non-Network Assets

The variance between forecasted non-network spend on assets, predominantly relates to the inability to find suitable land to purchase for the build of a new northern depot, an operational decision to lease rather than purchase outright replacement truck fleet, and deferral of IoT initiatives.

Network Opex

Variances to forecast resulted from additional spend from storms, copper theft on network, offset by a reclassification of retrofitting lighting arrestors to Capital expenditure and delays in completing the schedules inspection programme due to lack of resources.

Non-Network Opex

Increased costs driven by move to software as a service, additional staffing costs and insurance.

Information relating to revenues and quantities for the disclosure year

15. In the box below provide-

    15.1 a comparison of the target revenue disclosed before the start of the disclosure year, in accordance with clause 2.4.1 and 2.4.3(3) to total billed line charge revenue for the disclosure year, as disclosed in Schedule 8; and

    15.2 explanatory comment on reasons for any material differences between target revenue and total billed line charge revenue.

Box 12: Explanatory comment relating to revenue for the disclosure year

Target revenue **$48m,** actual **$48.3m**. (0% variance)

No material differences between actual and target.

Network Reliability for the Disclosure Year (Schedule 10)

16. In the box below, comment on network reliability for the disclosure year, as disclosed in Schedule 10.

Box 13: Commentary on network reliability for the disclosure year

For the disclosure year, combined actual SAIFI was 1.04 which was less than Electra's performance target of 1.66. Combined actual SAIDI for the year was 88.47 minutes which was above the target of 83 minutes. Planned SAIFI and SAIDI were 0.09 and 25.18 minutes respectively. Unplanned SAIFI and SAIDI were 0.94 and 63.28 minutes respectively including 1 Class I interruption representing SAIFI and SAIDI amounts of 0.04 and 0.53 minutes respectively.

SAIDI contributors were Defective Equipment (19.96 mins), Adverse Weather (18.59 mins), Vegetation (8.52 mins), Wildlife (3.8 mins), Third Party Interference (5.87 mins), Lightning (2.4 mins.) and Adverse Environment (0.04 mins). Unknown causes contributed 3.56 mins to the total.

An unknown cause is selected when there is insufficient evidence available to satisfy the criteria for a known cause. The outage is evaluated against each known cause type in turn, if a match fails then the cause type 'Unknown' is selected.

In the instance where an interruption to the supply of electricity distribution services is followed by restoration, and then by a "successive interruption", Electra calculates the SAIDI/SAIFI based on the multiple outages. This treatment is consistent with the 2023 disclosure year.

Performance was impacted by the following significant events in the 2024 disclosure period:

- **7th April 2023** – 1,652 customers were impacted for up to 3 hours and 6 minutes due to a reactive pole replacement caused by third party civil works. This contributed 2.43 minutes to SAIDI and 0.04 to SAIFI.
- **11th April 2023** - 653 Customers were impacted by a loss of supply for up to 10 hours and 10 minutes due to a tree falling over 11kV lines during a tornado event. This contributed 2.72 minutes to SAIDI and 0.01 to SAIFI. The restoration was delayed due to a safety issue.
- **21st July 2023** –867 customers were impacted by high wind event for up to 8 hours and 31 minutes. This contributed 7.21 minutes to SAIDI and 0.02 to SAIFI.
- **20th September 2023** –730 customers were impacted by defective equipment (corrosion) for up to 3 hours and 57 minutes. This contributed 1.72 minutes to SAIDI and 0.02 to SAIFI.
- **30th September 2023**– 1,325 customers were impacted for up to 8 hours and 22 minutes due to trees falling into 3 spans of 11kV lines in high winds. This contributed 1.74 SAIDI minutes and 0.03 SAIFI
- **19th October 2023** – 1,953 customers were impacted for up to 22 minutes. Incorrect commissioning procedure by a third party resulted in a cable fault not being detected prior to energisation. The cable, not owned by Electra, failed resulting in the Class I interruption.
- **2nd February 2024** – 1,465 customers were impacted for up to 1 hour and 19 minutes a due tree falling over 11kV lines during a high wind event. This contributed 1.82 minutes to SAIDI and 0.03 to SAIFI.

Insurance cover

17. In the box below, provide details of any insurance cover for the assets used to provide electricity distribution services, including-

    17.1 The EDB's approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;

    17.2 In respect of any self insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

Box 14: Explanation of insurance cover
Electra Limited insures its substations, offices and depots, as well as vehicles, stock, plant and equipment. The network outside of the substations are self-insured as the limited availability and cost of obtaining Transmission and Distribution cover for the 'poles and wires' is more expensive than the assessment of the potential losses to Electra. Electra has a programme of cover for liability risks that is appropriate for the size and risk profile of the organisation. The insurance programme is approved annually by the Board of Directors.

Amendments to previously disclosed information

18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with 2.12.1 in the last 7 years, including:

    18.1 a description of each error; and

    18.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 15: Disclosure of amendment to previously disclosed information
No amendments requiring to be made in DY24 for prior years disclosures.

Company Name Electra Ltd

For Year Ended 31 March 2024

Schedule 15 Voluntary Explanatory Notes

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018.)

1. This schedule enables EDBs to provide, should they wish to-

   1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.1, 2.4.22, 2.5.1 and 2.5.2;

   1.2 information on any substantial changes to information disclosed in relation to a prior disclosure year, as a result of final wash-ups.

2. Information in this schedule is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.

3. Provide additional explanatory comment in the box below.

Box 1: Voluntary explanatory comment on disclosed information

Valuation Methodology for Related Party Transactions 2024.

Call Centre

Electra Services provides a 24/7 call centre service to Electra Ltd. The call centre receives fault and corporate calls such as sales discount queries. The price charged for the 2023 Disclosure Year was **$540k**.

Alarm Monitoring

Electra Services provided alarm monitoring and patrol services to Electra Limited during the Disclosure Year 2024. This is charged at the same rate as a non-related party with the same terms as that of an arms-length transactions. This is deemed to be an ‘objective and independent measure’.

Horowhenua Developments Ltd

During the 2024 disclosure year Electra provided contracting services to Horowhenua Developments Ltd. The work consisted of installation of 11kV and 400V cable, 500kVA transformer and Ring Main Unit, this was subsequently connected to the network and these assets vested to Electra Limited. These transactions were charged at the same rate as a non-related party with the same terms as that of an arms-length transaction. This is deemed to be an ‘objective and independent measure’.

Electra

Certification for Year-end Disclosures

(Pursuant to Clause 2.9.2 of Section 2.9) Commerce Act (Electricity Distribution Services Information Disclosure Determination 2012)

We, Stephen Armstrong and Lucy Elwood, being directors of Electra Limited certify that, having made all reasonable enquiry, to the best of our knowledge-

a) the information prepared for the purposes of clauses 2.3.1, 2.3.2, 2.4.21, 2.4.22, 2.5.1, 2.5.2, and 2.7.1 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and

b) the historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 9e, 10, and 14 has been properly extracted from the Electra Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained.

c) In respect of information concerning assets, costs and revenues valued or disclosed in accordance with clause 2.3.6 of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012, we are satisfied that-

   i. the costs and values of assets or goods or services acquired from a related party comply, in all material respects, with clauses 2.3.6(1) and 2.3.6(3) of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5)(a)-2.2.11(5)(b) of the Electricity Distribution Services Input Methodologies Determination 2012; and

   ii. the value of assets or goods or services sold or supplied to a related party comply, in all material respects, with clause 2.3.6(2) of the Electricity Distribution Information Disclosure Determination 2012.

S. A. Armstrong – Director Date 13-6-2024

– Director Date 13/6/2024

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INDEPENDENT ASSURANCE REPORT
TO THE DIRECTORS OF ELECTRA LIMITED AND TO THE COMMERCE COMMISSION
ON THE DISCLOSURE INFORMATION
FOR THE DISCLOSURE YEAR ENDED 31 MARCH 2024
AS REQUIRED BY
THE ELECTRICITY DISTRIBUTION INFORMATION DISCLOSURE DETERMINATION
2012 (CONSOLIDATED 6 JULY 2023)

Electra Limited (the 'Company') is required to disclose certain information under the Electricity Distribution Information Disclosure Determination 2012 (consolidated 6 July 2023) (the 'Determination') and to procure an assurance report by an independent auditor in terms of section 2.8.1 of the Determination.

The Auditor-General is the auditor of the Company.

The Auditor-General has appointed me, Silvio Bruinsma, using the staff and resources of Deloitte Limited, to undertake a reasonable assurance engagement, on his behalf, on whether the information prepared by the Company for the disclosure year ended 31 March 2024 (the 'Disclosure Information') complies, in all material respects, with the Determination.

The Disclosure Information that falls within the scope of the assurance engagement are:

- Schedules 1 to 4, 5a to 5g, 6a and 6b, 7, 10 and 14 (limited to the explanatory notes in boxes 1 to 11) of the Determination.
- Clause 2.3.6 of the Determination and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012 (consolidated 23 April 2024) (the 'IM Determination'), in respect of the basis for valuation of related party transactions (the 'Related Party Transaction Information').

Opinion

In our opinion, in all material respects:

- as far as appears from an examination, proper records to enable the complete and accurate compilation of the Disclosure Information have been kept by the Company;
- as far as appears from an examination, the information used in the preparation of the Disclosure Information has been properly extracted from the Company's accounting and other records, sourced from the Company's financial and non-financial systems;
- the Disclosure Information complies, in all material respects, with the Determination; and
- the basis for valuation of related party transactions complies with the Determination and the IM Determination.

Basis for opinion

We conducted our engagement in accordance with the Standard on Assurance Engagements (SAE) 3100 (Revised) *Compliance Engagements* ('SAE 3100 (Revised)'), issued by the New Zealand Auditing and Assurance Standards Board. An engagement conducted in accordance with SAE 3100 (Revised) requires that we comply with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised) *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information*.

We have obtained sufficient recorded evidence and explanations that we required to provide a basis for our opinion.

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Key Assurance Matters

Key assurance matters are those matters that, in our professional judgement, required significant attention when carrying out the assurance engagement during the current disclosure year. These matters were addressed in the context of our compliance engagement, and in forming our opinion. We do not provide a separate opinion on these matters.

Key Assurance Matter	How our procedures addressed the key assurance matter
Accuracy and completeness of the number and duration of electricity outages The Information Disclosure Determination defines certain quality measures in relation to the number and duration of interruptions, faults, and causes of faults. These quality measures are expressed in the form of System Average Interruption Duration Index ('SAIDI') and System Average Interruption Frequency Index ('SAIFI') values. The accuracy of the data is a key audit matter because information on the frequency and duration of outages is an important measure about the reliability of electricity supply. The completeness of the data is a key audit matter because although the faults database is automated, the details of some faults are entered manually onto a portable device which then flows into the Advanced Distribution Management System ('ADMS') which automatically logs all outages into the faults database.	We have: • Obtained an understanding of the Company's methods by which electricity outages and their duration are recorded; • Assessed the design and implementation of key controls related to the recording, reconciliation and review of the outage data obtained from ADMS; • For a sample of customer calls logged at the Electra Call Centre, ensured that these were appropriately included within the ADMS data underlying the SAIDI/SAIFI values; • For a sample of outages, observed the number of consumers affected within the live ADMS on the date of testing and assessed the reasonability of this number against impacted consumers recorded in the data; • Reviewed the recorded detail for a sample of outages and ensured that the appropriate dates and times were used and the outage was started and ended by an appropriate individual; and • Recalculated the normalised SAIDI and SAIFI using the predetermined boundary limits.

Directors' responsibilities

The directors of the Company are responsible in accordance with the Determination for:

- the preparation of the Disclosure Information; and
- the Related Party Transaction Information.

The directors of the Company are also responsible for the identification of risks that may threaten compliance with the schedules and clauses identified above and controls which will mitigate those risks and monitor ongoing compliance.

Auditor's responsibilities

Our responsibilities in terms of clauses 2.8.1(1)(b)(vi) and (vii), 2.8.1(1)(c) and 2.8.1(1)(d) are to express an opinion on whether:

- as far as appears from an examination, the information used in the preparation of the audited Disclosure Information has been properly extracted from the Company's accounting and other records, sourced from its financial and non-financial systems;

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- as far as appears from an examination, proper records to enable the complete and accurate compilation of the audited Disclosure Information required by the Determination have been kept by the Company and, if not, the records not so kept;

- the Company complied, in all material respects, with the Determination in preparing the audited Disclosure Information; and

- the Company's basis for valuation of related party transactions in the disclosure year has complied, in all material respects, with clause 2.3.6 of the Determination and clauses 2.2.11(1)(g) and 2.2.11(5) of the IM Determination.

To meet these responsibilities, we planned and performed procedures in accordance with SAE 3100 (Revised), to obtain reasonable assurance about whether the Company has complied, in all material respects, with the Disclosure Information (which includes the Related Party Transaction Information) required to be audited by the Determination.

An assurance engagement to report on the Company's compliance with the Determination involves performing procedures to obtain evidence about the compliance activity and controls implemented to meet the requirements. The procedures selected depend on our judgement, including the identification and assessment of the risks of material non-compliance with the requirements.

Restricted use

This report has been prepared for use by the directors of the Company and the Commerce Commission in accordance with clause 2.8.1(1)(a) of the Determination and is provided solely for the purpose of establishing whether the compliance requirements have been met. We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the Company and the Commerce Commission, or for any other purpose than that for which it was prepared.

Independence and quality control

We complied with the Auditor-General's:

- independence and other ethical requirements, which incorporate the requirements of Professional and Ethical Standard 1 *International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand)* (PES 1) issued by the New Zealand Auditing and Assurance Standards Board; and

- quality management requirements, which incorporate Professional and Ethical Standard 3 *Quality Management for Firms that perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements* (PES 3) issued by the New Zealand Auditing and Assurance Standards Board. PES 3 requires our firm to design, implement and operate a system of quality management including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

The Auditor-General, and his employees, and Deloitte Limited and its partners and employees may deal with the Company and its subsidiaries on normal terms within the ordinary course of trading activities of the Company. Other than any dealings on normal terms within the ordinary course of trading activities of the Company, this engagement and the annual audit of the Company's financial statements and performance information, we have no relationship with, or interests in, the Company.

Deloitte Limited

Silvio Bruinsma
Deloitte Limited
On behalf of the Auditor-General
Wellington, New Zealand
13 June 2024