Electricity Distribution Information Disclosure Determination 2012
Consolidated determination as of 18 May 2023

Schedules 1–10
excluding 5f–5g

Company Name	Wellington Electricity Lines Limited
Disclosure Date	29 August 2023
Disclosure Year (year ended)	31 March 2023

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Disclosure Template Instructions

This document forms Schedules 1–10 to the Electricity Distribution Information Disclosure Determination 2012 (Consolidated detemination as of 18 May 2023)
The Schedules take the form of templates for use by EDBs when making disclosures under clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012.

Company Name and Dates

To prepare the templates for disclosure, the supplier's company name should be entered in cell C8, the date of the last day of the current (disclosure) year should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.
The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).
The cell C8 entry (company name) is used in the template title blocks.
Dates should be entered in day/month/year order (Example -"1 April 2013").

Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.
In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

Validation Settings on Data Entry Cells

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

Conditional Formatting Settings on Data Entry Cells

Schedule 2 cells G79 and I79:L79 will change colour if the total cashflows do not equal the corresponding values in table 2(ii).
Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).
Schedule 9b columns AA to AE (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).
Schedule 9b cells AG10 to AG60 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.
Schedule 9c cell G30 will change colour if G30 (overhead circuit length by terrain) does not equal G18 (overhead circuit length by operating voltage).

Inserting Additional Rows and Columns

The schedule 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e templates may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.
Additional rows in the schedule 5c, 6a, and 9e templates must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.
The schedule 5d and 5e templates may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from rows 77 and 78 of the respective templates to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 69:77, copy, select Excel row 78, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 70:78, copy, select Excel row 79, then insert copied cells.
The template for schedule 8 may require additional columns to be inserted between column P and U. To avoid interfering with the title block entries, these should be inserted to the left of column S. If inserting additional columns, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The formulas can be found in the equivalent cells of the existing columns.

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

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

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

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

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

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

SCHEDULE 1: ANALYTICAL RATIOS

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with this ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of this determination.
This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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**	15,888	209	67,558	7,515	24,267
10	Network	7,179	95	30,526	3,396	10,965
11	Non-network	8,709	115	37,032	4,119	13,302
12						
13	**Expenditure on assets**	23,344	308	99,258	11,041	35,653
14	Network	22,616	298	96,165	10,697	34,542
15	Non-network	727	10	3,092	344	1,111
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**	68,876	908
20	Standard consumer line charge revenue	68,840	894
21	Non-standard consumer line charge revenue	71,392	137,610
22			

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

sch ref			
24			
25	Demand density	111	*Maximum coincident system demand per km of circuit length (for supply) (kW/km)*
26	Volume density	473	*Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)*
27	Connection point density	36	*Average number of ICPs per km of circuit length (for supply) (ICPs/km)*
28	Energy intensity	13,180	*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	36,335	22.94%
33	Pass-through and recoverable costs excluding financial incentives and wash-ups	61,637	38.91%
34	Total depreciation	30,305	19.13%
35	Total revaluations	49,410	31.19%
36	Regulatory tax allowance	7,961	5.03%
37	Regulatory profit/(loss) including financial incentives and wash-ups	71,221	44.96%
38	**Total regulatory income**	158,407	
39			

40 ### 1(v): Reliability

sch ref			
41			
42	Interruption rate	10.26	*Interruptions per 100 circuit km*

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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

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

sch ref		CY-2	CY-1	Current Year CY
7	**2(i): Return on Investment**			
8		31 Mar 21	31 Mar 22	31 Mar 23
9	**ROI – comparable to a post tax WACC**	%	%	%
10	Reflecting all revenue earned	4.37%	10.87%	9.59%
11	Excluding revenue earned from financial incentives	4.23%	10.74%	9.49%
12	Excluding revenue earned from financial incentives and wash-ups	4.19%	10.74%	9.52%
13				
14	**Mid-point estimate of post tax WACC**	3.72%	3.52%	4.88%
15	25th percentile estimate	3.04%	2.84%	4.20%
16	75th percentile estimate	4.40%	4.20%	5.56%
17				
18				
19	**ROI – comparable to a vanilla WACC**			
20	Reflecting all revenue earned	4.70%	11.17%	10.10%
21	Excluding revenue earned from financial incentives	4.57%	11.04%	10.01%
22	Excluding revenue earned from financial incentives and wash-ups	4.52%	11.04%	10.04%
23				
24	**WACC rate used to set regulatory price path**	4.57%	4.57%	4.57%
25				
26	**Mid-point estimate of vanilla WACC**	4.05%	3.82%	5.39%
27	25th percentile estimate	3.37%	3.14%	4.71%
28	75th percentile estimate	4.73%	4.50%	6.07%
29				

30	**2(ii): Information Supporting the ROI**		($000)	
31				
32	Total opening RAB value	743,607		
33	*plus* Opening deferred tax	(46,178)		
34	**Opening RIV**		697,429	
35				
36	**Line charge revenue**		157,515	
37				
38	Expenses cash outflow	97,973		
39	*add* Assets commissioned	41,143		
40	*less* Asset disposals	–		
41	*add* Tax payments	4,841		
42	*less* Other regulated income	892		
43	**Mid-year net cash outflows**		143,064	
44				
45	**Term credit spread differential allowance**		356	
46				
47	Total closing RAB value	803,430		
48	*less* Adjustment resulting from asset allocation	(425)		
49	*less* Lost and found assets adjustment	–		
50	*plus* Closing deferred tax	(49,298)		
51	**Closing RIV**		754,557	
52				
53	**ROI – comparable to a vanilla WACC**			10.10%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			4.38%
57	Corporate tax rate (%)			28%
58				
59	**ROI – comparable to a post tax WACC**			9.59%
60				

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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

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

sch ref

2(iii): Information Supporting the Monthly ROI

Opening RIV	N/A

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

Tax payments	N/A
Term credit spread differential allowance	N/A
Closing RIV	N/A
Monthly ROI – comparable to a vanilla WACC	N/A
Monthly ROI – comparable to a post tax WACC	N/A

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

Year-end ROI – comparable to a vanilla WACC	9.83%
Year-end ROI – comparable to a post tax WACC	9.32%

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

2(v): Financial Incentives and Wash-Ups

Net recoverable costs allowed under incremental rolling incentive scheme	–	
Purchased assets – avoided transmission charge	–	
Energy efficiency and demand incentive allowance		
Quality incentive adjustment	880	
Other financial incentives	–	
Financial incentives		880
Impact of financial incentives on ROI		0.09%
Input methodology claw-back	–	
CPP application recoverable costs	–	
Catastrophic event allowance	–	
Capex wash-up adjustment	(246)	
Transmission asset wash-up adjustment	–	
2013–15 NPV wash-up allowance	–	
Reconsideration event allowance	–	
Other wash-ups	–	
Wash-up costs		(246)
Impact of wash-up costs on ROI		–0.03%

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).
This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref			
7		**3(i): Regulatory Profit**	**($000)**
8		**Income**	
9		Line charge revenue	157,515
10	*plus*	Gains / (losses) on asset disposals	–
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)	892
12			
13		**Total regulatory income**	158,407
14		**Expenses**	
15	*less*	Operational expenditure	36,335
16			
17	*less*	Pass-through and recoverable costs excluding financial incentives and wash-ups	61,637
18			
19		**Operating surplus / (deficit)**	60,434
20			
21	*less*	Total depreciation	30,305
22			
23	*plus*	Total revaluations	49,410
24			
25		**Regulatory profit / (loss) before tax**	79,539
26			
27	*less*	Term credit spread differential allowance	356
28			
29	*less*	Regulatory tax allowance	7,961
30			
31		**Regulatory profit/(loss) including financial incentives and wash-ups**	71,221
32			

sch ref			
33	**3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups**	**($000)**	
34	**Pass through costs**		
35	Rates	3,155	
36	Commerce Act levies	333	
37	Industry levies	497	
38	CPP specified pass through costs	–	
39	**Recoverable costs excluding financial incentives and wash-ups**		
40	Electricity lines service charge payable to Transpower	54,665	
41	Transpower new investment contract charges	882	
42	System operator services	–	
43	Distributed generation allowance	2,052	
44	Extended reserves allowance	–	
45	Other recoverable costs excluding financial incentives and wash-ups	53	
46	**Pass-through and recoverable costs excluding financial incentives and wash-ups**		61,637
47			

Company Name	**Wellington Electricity Lines Limited**
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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).
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sch ref				
48	**3(iii): Incremental Rolling Incentive Scheme**		**($000)**	
49			**CY-1**	**CY**
50			**31 Mar 22**	**31 Mar 23**
51	Allowed controllable opex		–	–
52	Actual controllable opex		–	–
53				
54	Incremental change in year			–
55				
56			**Previous years' incremental change**	**Previous years' incremental change adjusted for inflation**
57	CY-5	31 Mar 18	–	–
58	CY-4	31 Mar 19	–	–
59	CY-3	31 Mar 20	–	–
60	CY-2	31 Mar 21	–	–
61	CY-1	31 Mar 22	–	–
62	**Net incremental rolling incentive scheme**			–
63				
64	**Net recoverable costs allowed under incremental rolling incentive scheme**			–
65	**3(iv): Merger and Acquisition Expenditure**			
70				**($000)**
66	Merger and acquisition expenditure			–
67				
68	*Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)*			
69	**3(v): Other Disclosures**			
70				**($000)**
71	Self-insurance allowance			–

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

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

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

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)

	RAB 31 Mar 19 ($000)	RAB 31 Mar 20 ($000)	RAB 31 Mar 21 ($000)	RAB 31 Mar 22 ($000)	RAB 31 Mar 23 ($000)
Total opening RAB value	611,855	629,323	661,487	681,366	743,607
less **Total depreciation**	26,323	26,844	28,013	27,711	30,305
plus **Total revaluations**	9,069	15,920	10,048	47,174	49,410
plus **Assets commissioned**	37,191	43,322	38,068	43,038	41,143
less **Asset disposals**	–	–	–	–	–
plus **Lost and found assets adjustment**	–	–	–	–	–
plus **Adjustment resulting from asset allocation**	(2,469)	(234)	(224)	(259)	(425)
Total closing RAB value	629,323	661,487	681,366	743,607	803,430

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB * ($000)	Unallocated RAB * ($000)	RAB ($000)	RAB ($000)
Total opening RAB value		746,913		743,607
less				
Total depreciation		30,383		30,305
plus				
Total revaluations		49,630		49,410
plus				
Assets commissioned (other than below)	41,143		41,143	
Assets acquired from a regulated supplier	–		–	
Assets acquired from a related party	–		–	
Assets commissioned		41,143		41,143
less				
Asset disposals (other than below)	–		–	
Asset disposals to a regulated supplier	–		–	
Asset disposals to a related party	–		–	
Asset disposals		–		–
plus **Lost and found assets adjustment**		–		–
plus **Adjustment resulting from asset allocation**				(425)
Total closing RAB value		807,303		803,430

** 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.*

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For Year Ended	**31 March 2023**

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

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

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

	CPI_4	1,218
	CPI_4^{-4}	1,142
	Revaluation rate (%)	6.65%

		Unallocated RAB *		RAB	
		($000)	($000)	($000)	($000)
	Total opening RAB value	746,913		743,607	
less	Opening value of fully depreciated, disposed and lost assets	1,152		1,154	
	Total opening RAB value subject to revaluation	745,761		742,453	
	Total revaluations		49,630		49,410

4(iv): Roll Forward of Works Under Construction

		Unallocated works under construction		Allocated works under construction	
	Works under construction—preceding disclosure year		18,584		18,584
plus	Capital expenditure	42,959		42,959	
less	Assets commissioned	41,143		41,143	
plus	Adjustment resulting from asset allocation			–	
	Works under construction - current disclosure year		20,399		20,399
	Highest rate of capitalised finance applied				3.18%

Company Name	**Wellington Electricity Lines Limited**
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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(v): Regulatory Depreciation

	Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
Depreciation - standard	25,793		25,793	
Depreciation - no standard life assets	4,590		4,512	
Depreciation - modified life assets	–		–	
Depreciation - alternative depreciation in accordance with CPP	–		–	
Total depreciation		30,383		30,305

4(vi): Disclosure of Changes to Depreciation Profiles

($000 unless otherwise specified)

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

** include additional rows if needed*

4(vii): Disclosure by Asset Category

($000 unless otherwise specified)

		Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
	Total opening RAB value	3,782	53,075	68,712	193,016	226,690	133,691	32,683	21,318	10,641	743,607
less	Total depreciation	165	2,064	2,866	5,016	9,606	4,743	1,883	518	3,444	30,305
plus	Total revaluations	256	3,157	4,887	13,267	14,957	8,872	2,091	1,249	674	49,410
plus	Assets commissioned	835	744	928	14,355	7,131	12,270	1,950	1,099	1,830	41,143
less	Asset disposals	–	–	–	–	–	–	–	–	–	–
plus	Lost and found assets adjustment	–	–	–	–	–	–	–	–	–	–
plus	Adjustment resulting from asset allocation	–	–	–	(425)	–	–	–	–	–	(425)
plus	Asset category transfers	–	–	–	–	–	–	–	–	–	–
	Total closing RAB value	4,708	54,912	71,660	215,197	239,173	150,090	34,841	23,148	9,701	803,430
	Asset Life										
	Weighted average remaining asset life	23	26	24	38	24	28	17	41	3	(years)
	Weighted average expected total asset life	48	60	51	58	58	48	39	52	7	(years)

Company Name	**Wellington Electricity Lines Limited**
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SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).
This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8

sch ref					
7		**5a(i): Regulatory Tax Allowance**		**($000)**	
8		**Regulatory profit / (loss) before tax**		79,539	
9					
10	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	–		*
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	42		*
12		Amortisation of initial differences in asset values	7,151		
13		Amortisation of revaluations	4,018		
14				11,211	
15					
16	*less*	Total revaluations	49,410		
17		Income included in regulatory profit / (loss) before tax but not taxable	–		*
18		Discretionary discounts and customer rebates	–		
19		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	–		*
20		Notional deductible interest	12,907		
21				62,317	
22					
23		**Regulatory taxable income**		28,433	
24					
25	*less*	Utilised tax losses	–		
26		Regulatory net taxable income		28,433	
27					
28		Corporate tax rate (%)	28%		
29		**Regulatory tax allowance**		7,961	
30					
31	*	Workings to be provided in Schedule 14			
32		**5a(ii): Disclosure of Permanent Differences**			
33		In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).			
34		**5a(iii): Amortisation of Initial Difference in Asset Values**		**($000)**	
35					
36		Opening unamortised initial differences in asset values	69,607		
37	*less*	Amortisation of initial differences in asset values	7,151		
38	*plus*	Adjustment for unamortised initial differences in assets acquired	–		
39	*less*	Adjustment for unamortised initial differences in assets disposed	–		
40		Closing unamortised initial differences in asset values		62,457	
41					
42		Opening weighted average remaining useful life of relevant assets (years)		10	
43					

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).
This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section

sch ref				
44		**5a(iv): Amortisation of Revaluations**		**($000)**
45				
46		Opening sum of RAB values without revaluations	618,535	
47				
48		Adjusted depreciation	26,288	
49		Total depreciation	30,305	
50		Amortisation of revaluations		4,018
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**	(46,178)	
61				
62	*plus*	Tax effect of adjusted depreciation	7,361	
63				
64	*less*	Tax effect of tax depreciation	8,724	
65				
66	*plus*	Tax effect of other temporary differences*	160	
67				
68	*less*	Tax effect of amortisation of initial differences in asset values	2,002	
69				
70	*plus*	Deferred tax balance relating to assets acquired in the disclosure year	–	
71				
72	*less*	Deferred tax balance relating to assets disposed in the disclosure year	–	
73				
74	*plus*	Deferred tax cost allocation adjustment	85	
75				
76		**Closing deferred tax**		(49,298)
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**	389,041	
84	*less*	Tax depreciation	31,157	
85	*plus*	Regulatory tax asset value of assets commissioned	41,748	
86	*less*	Regulatory tax asset value of asset disposals	–	
87	*plus*	Lost and found assets adjustment	–	
88	*plus*	Adjustment resulting from asset allocation	(120)	
89	*plus*	Other adjustments to the RAB tax value	–	
90		**Closing sum of regulatory tax asset values**		399,512

Company Name: **Wellington Electricity Lines Limited**
For Year Ended: **31 March 2023**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

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

sch ref		($000)	($000)
7	**5b(i): Summary—Related Party Transactions**		
8	**Total regulatory income**		–
9			
10	**Market value of asset disposals**		–
11			
12	Service interruptions and emergencies	–	
13	Vegetation management	–	
14	Routine and corrective maintenance and inspection	1,538	
15	Asset replacement and renewal (opex)	–	
16	**Network opex**		1,538
17	Business support	5,128	
18	System operations and network support	5,493	
19	**Operational expenditure**		12,158
20	Consumer connection	1,350	
21	System growth	260	
22	Asset replacement and renewal (capex)	1,733	
23	Asset relocations	188	
24	Quality of supply	31	
25	Legislative and regulatory	–	
26	Other reliability, safety and environment	–	
27	**Expenditure on non-network assets**		143
28	**Expenditure on assets**		3,706
29	Cost of financing		–
30	Value of capital contributions		–
31	Value of vested assets		–
32	**Capital Expenditure**		3,706
33	**Total expenditure**		15,863
34			
35	**Other related party transactions**		–

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

37	Name of related party	Nature of opex or capex service provided	Total value of transactions ($000)
38	International Infrastructure Services Company Limited - NZ Branch (IISC)	Routine and corrective maintenance and inspection	1,538
39	International Infrastructure Services Company Limited - NZ Branch (IISC)	Business support	4,997
40	International Infrastructure Services Company Limited - NZ Branch (IISC)	System operations and network support	5,493
41	International Infrastructure Services Company Limited - NZ Branch (IISC)	Other reliability, safety and environment	–
42	International Infrastructure Services Company Limited - NZ Branch (IISC)	Consumer connection	1,319
43	International Infrastructure Services Company Limited - NZ Branch (IISC)	Asset replacement and renewal (capex)	1,684
44	International Infrastructure Services Company Limited - NZ Branch (IISC)	Quality of supply	31
45	International Infrastructure Services Company Limited - NZ Branch (IISC)	System growth	220
46	International Infrastructure Services Company Limited - NZ Branch (IISC)	Asset relocations	182
47	International Infrastructure Services Company Limited - NZ Branch (IISC)	Expenditure on non-network assets	3
48	CHED Services Pty Limited	Asset replacement and renewal (capex)	49
49	CHED Services Pty Limited	Consumer connection	31
50	CHED Services Pty Limited	Expenditure on non-network assets	140
51	CHED Services Pty Limited	Asset relocations	5
52	CHED Services Pty Limited	System growth	40
53	CHED Services Pty Limited	Business support	41
54	Cheung Kong Infrastructure Holdings Limited	Business support	89
55	Enviro (NZ) Limited	Business support	1
59	**Total value of related party transactions**		15,863

60 ** include additional rows if needed*

61

Related Party Disclosure Supporting Documentation:

ID clause 2.3.8
Consistent with disclosure S5b, WELL transacts with the following related parties:
International Infrastructure Services Company Limited - NZ Branch (IISC) - Provides front and back office services to utility providers. These include asset management, financial and commercial operations, regulation, project management, network operations, information technology and quality, safety and environment management.
Cheung Kong Infrastructure Holdings Limited – A global infrastructure company with diversified investments in energy infrastructure, transportation infrastructure, water infrastructure, waste management, waste-to-energy, household infrastructure and other infrastructure related business.
CHED Services PTY Limited – CHED services provide specialist corporate and metering services for a number of clients. These services include: finance and tax, company secretarial and legal, human resources, corporate affairs, regulation, customer services, information technology and office administration.
Enviro (NZ) Limited – Provides innovative, safe and sustainable resource recovery and management.

The relationships between the companies are as follows:
Same ultimate beneficial owners
- IISC
- Cheung Kong Infrastructure Holdings Limited
- Enviro (NZ) Limited

Controlling shareholder in common
- CHED Services PTY Limited

The total annual expenditure between WELL and the related parties can be seen in S5b

ID Clause 2.3.10 and 2.3.11
Current policy for the procurement of goods and services from a related party

It is envisaged that Wellington Electricity may procure goods and services from related party companies when it is economically and commercially viable for both the company and its customers. Wellington Electricity will ensure when entering into a third party relationship that it complies with relevant laws and regulations. As a result Wellington Electricity has the following guidance in place for material transactions involving related parties. This guidance is in place to mitigate the risk (actual and perceived) that the transactions are not arms-length.

Wellington Electricity shall not procure goods or services from a related party without either a third party independent benchmarking report or directly comparable quotes.

Costs and benefits may be compared in-house following the standard procurement process if the goods or services are the same or substantially similar to those offered by non-related parties.

If costs relating to the goods or services are not easily comparable with market information, a third party independent benchmarking report(s) must be provided by a reputable company with relevant experience to conduct a benchmarking report. This is to be used when there is limited information or comparability surrounding the goods or services being provided. This may be the case due to the limited size of the New Zealand market. This is extremely important as it ensures that consumers are not disadvantaged by any transaction.

Further efficiencies may be gained by entering into long term contracts, these must be reviewed on a regular basis and have clauses for termination of the contract to avoid the economic benefits being eroded over time.

ID Clause 2.3.12
(1) When procuring from a related party Wellington Electricity will do either of the following:
> a.) Put out a competitive tender for the goods or services which will be judged on subjective measures if there is an active market for the good or service; or
> b.) Commission an independent third party to perform a benchmarking assessment over the goods or services being procured if the information is not readily available.

(2) Wellington Electricity does not have any policies or procedures that require or have the effect of requiring a consumer to purchase assets or goods or services from a related party.
(3) In 2019 the contract between Wellington Electricity and IISC was renegotiated after coming to the end of its initial three year term and renewal period. Since there was no active market for the services provided, the following benchmark tests were implemented:
> a.) Commissioned a benchmarking report from PWC on contractor margins to test that costs were at market rates;
> b.) Analysis of Lines Company costs contained in the PwC Electricity Lines Business Information Disclosure Compendium to see that the cost of the business support service were aligned with other New Zealand networks
> c.) Reviewed IISC labour rates against other third party providers to test that labour rates were at market levels.

The benchmarking is used to assess contract rates, ensure the related party transaction is at arms length and representative of a market price. A benchmarking report is obtained as part of contract re-negotiations.
(4) The arm's length nature is determined through the use of independent benchmarking reports and other benchmarking tests. This was last updated in 2023.
(5) Wellington Electricity does not consider the procurement of assets or goods or services from a related party to differ significantly between expenditure categories.

Related Party Disclosure Supporting Documentation for ID clause 2.3.13 and 2.3.14

- WELL does not have any operating expenditure projects
- WELL's largest 10 capex projects by cost are (as provided by the 2023 AMP):

Map refn	Project	Estimated Cost $000	Location	Timing	Constraint alleviated	AMP refn	Supply of assets, goods or services by related party
1	New Zone Substation in Newtown.	60,000	Southern Wellington Area	2025-2027	Relieves constriants associated with Palm Grove, Frederick Street, Nairn Street, and Hataitai	9.4.4.3	Currently not indicated for supply by a related party
2	Install a 33 kV bus, a second 24 MVA transformer and a second 11 kV bus section at a new location north of Plimmerton.	40,000	Plimmerton	2026-2028	Security of supply risk as Plimmerton zone substation is supplied by a single subtransmission circuit. In addition, the forecast peak load at Plimmerton is expected to exceed the subtransmission N-1 rating by 2023 due to the limited capacity of the Mana-Plimmerton 11 kV bus tie. Capacity and security will be managed operationally until the investment is complete.	9.5.4.3	Currently not indicated for supply by a related party
3	New Upper Hutt zone substation	39,000	Upper Hutt	2028-2030	33kV capacity into Trentham and Maidstone	9.6.4.3	Currently not indicated for supply by a related party
4	Airport Zone Substation	37,000	Wellington Eastern Suburbs	2025-2027	33kV capacity into Miramar	9.4.4.3	Currently not indicated for supply by a related party
5	Clendon Street zone substation	32,000	Lower Hutt	2030-2032	33kV capacity into Waterloo and Naenae	9.6.4.3	Currently not indicated for supply by a related party
6	Evans Bay Cable Replacement	30,000	Southern Wellington Area	2025-2027	33kV capacity into Kilbirnie and Miramar	9.4.4.3	Currently not indicated for supply by a related party
7	Reactivate Petone Zone Substation	30,000	Lower Hutt	2025	33kV capacity into Korokoro	9.6.4.3	Currently not indicated for supply by a related party
8	Build Grenada Zone (GRN) Zone Sub supplied from first Takapu Road-Khandallah line section, upgrade 11 kV ties to supply Ngauranga and Johnsonville from GRN.	25,000	Porirua	2027-2029	The sustained peak load supplied by Johnsonville zone substation currently exceeds the N-1 capacity of the subtransmission circuits. Capacity and security will be managed operationally until the investment is complete.	9.5.4.3	Currently not indicated for supply by a related party
9	A complete upgrade of the Porirua OR 33kV Cable, zone substation transformers and switchboard.	24,000	Porirua	2024-2026	The peak load supplied by Porirua zone substation exceeds the N-1 subtransmission circuit branch ratings for both winter and summer periods. Capacity and security will be managed operationally until the investment is complete.	9.5.4.3	Currently not indicated for supply by a related party
10	Johsonville Subtransmission Cable Replacement	22,000	Johnsonville	2029-2031	33kV capacity into Johnsonville	9.5.4.3	Currently not indicated for supply by a related party

Network map of the 10 largest capital projects

Company Name	**ellington Electricity Lines Limit**
For Year Ended	**31 March 2023**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

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

sch ref

7

8 **5c(i): Qualifying Debt (may be Commission only)**

9

sch ref	Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Debt issue cost readjustment
11	USPP 7 year Bond	1/18/2022	8/19/2021	7.0	Floating BBR+144 bps	105,000	104,872	158	(60)
12	USPP 9 year Bond	1/18/2022	8/19/2021	9.0	Floating BBR+155 bps	100,000	99,878	300	(89)
13	USPP 10 year Bond	1/18/2022	8/19/2021	10.0	Floating BBR+158 bps	105,000	104,872	394	(105)
14									
15									
16	** include additional rows if needed*						309,621	851	(254)

17

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

19

sch ref			
20	**Gross term credit spread differential**		597
21			
22	Total book value of interest bearing debt	523,384	
23	Leverage	42%	
24	Average opening and closing RAB values	743,607	
25	**Attribution Rate (%)**		60%
26			
27	**Term credit spread differential allowance**		356

			Company Name	**Wellington Electricity Lines Limited**
			For Year Ended	**31 March 2023**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications.
This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref						
7	**5d(i): Operating Cost Allocations**					
8			**Value allocated ($000s)**			
9		**Arm's length deduction**	**Electricity distribution services**	**Non-electricity distribution services**	**Total**	**OVABAA allocation increase ($000s)**
10	**Service interruptions and emergencies**					
11	Directly attributable		4,321			
12	Not directly attributable				–	
13	**Total attributable to regulated service**		4,321			
14	**Vegetation management**					
15	Directly attributable		1,952			
16	Not directly attributable				–	
17	**Total attributable to regulated service**		1,952			
18	**Routine and corrective maintenance and inspection**					
19	Directly attributable		7,422			
20	Not directly attributable		1,522	34	1,556	
21	**Total attributable to regulated service**		8,944			
22	**Asset replacement and renewal**					
23	Directly attributable		1,201			
24	Not directly attributable				–	
25	**Total attributable to regulated service**		1,201			
26	**System operations and network support**					
27	Directly attributable		8,848			
28	Not directly attributable				–	
29	**Total attributable to regulated service**		8,848			
30	**Business support**					
31	Directly attributable		10,336			
32	Not directly attributable		733	30	764	
33	**Total attributable to regulated service**		11,070			
34						
35	**Operating costs directly attributable**		34,081			
36	**Operating costs not directly attributable**	–	2,255	64	2,319	–
37	**Operational expenditure**		36,335			
38						

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications.
This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

5d(ii): Other Cost Allocations

Pass through and recoverable costs	($000)
Pass through costs	
Directly attributable	3,985
Not directly attributable	–
Total attributable to regulated service	3,985
Recoverable costs	
Directly attributable	57,652
Not directly attributable	–
Total attributable to regulated service	57,652

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

Change in cost allocation 1

			($000) CY-1	Current Year (CY)
Cost category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–

Rationale for change

Change in cost allocation 2

			($000) CY-1	Current Year (CY)
Cost category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–

Rationale for change

Change in cost allocation 3

			($000) CY-1	Current Year (CY)
Cost category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–

Rationale for change

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

Company Name	Wellington Electricity Lines Limited
For Year Ended	31 March 2023

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

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

sch ref

5e(i): Regulated Service Asset Values

	Value allocated ($000s) Electricity distribution services
Subtransmission lines	
Directly attributable	4,708
Not directly attributable	–
Total attributable to regulated service	4,708
Subtransmission cables	
Directly attributable	54,912
Not directly attributable	–
Total attributable to regulated service	54,912
Zone substations	
Directly attributable	71,660
Not directly attributable	–
Total attributable to regulated service	71,660
Distribution and LV lines	
Directly attributable	50,111
Not directly attributable	165,085
Total attributable to regulated service	215,197
Distribution and LV cables	
Directly attributable	239,173
Not directly attributable	–
Total attributable to regulated service	239,173
Distribution substations and transformers	
Directly attributable	150,090
Not directly attributable	–
Total attributable to regulated service	150,090
Distribution switchgear	
Directly attributable	34,841
Not directly attributable	–
Total attributable to regulated service	34,841
Other network assets	
Directly attributable	23,148
Not directly attributable	–
Total attributable to regulated service	23,148
Non-network assets	
Directly attributable	9,701
Not directly attributable	–
Total attributable to regulated service	9,701
Regulated service asset value directly attributable	638,345
Regulated service asset value not directly attributable	165,085
Total closing RAB value	803,430

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

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

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

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

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

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

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

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

sch ref				
7		**6a(i): Expenditure on Assets**	**($000)**	**($000)**
8		Consumer connection		16,483
9		System growth		4,230
10		Asset replacement and renewal		26,281
11		Asset relocations		2,260
12		Reliability, safety and environment:		
13		Quality of supply	1,522	
14		Legislative and regulatory	–	
15		Other reliability, safety and environment	946	
16		**Total reliability, safety and environment**		2,468
17		**Expenditure on network assets**		51,722
18		Expenditure on non-network assets		1,663
19				
20		**Expenditure on assets**		53,385
21	*plus*	Cost of financing		377
22	*less*	Value of capital contributions		10,804
23	*plus*	Value of vested assets		–
24				
25		**Capital expenditure**		42,959
26		**6a(ii): Subcomponents of Expenditure on Assets (where known)**		**($000)**
27		Energy efficiency and demand side management, reduction of energy losses		244
28		Overhead to underground conversion		778
29		Research and development		–
		Cybersecurity (Commission only)		1
30		**6a(iii): Consumer Connection**		.
31		*Consumer types defined by EDB**	**($000)**	**($000)**
32		Substation	8,413	
33		Subdivision	5,428	
34		Residential & Commercial Customers (Low Voltage)	2,325	
35		High Voltage Connection	220	
36		Public Lighting	97	
37		** include additional rows if needed*		
38		**Consumer connection expenditure**		16,483
39				
40	*less*	Capital contributions funding consumer connection expenditure	8,042	
41		**Consumer connection less capital contributions**		8,441
42		**6a(iv): System Growth and Asset Replacement and Renewal**		**Asset**
43			**System Growth**	**Replacement and Renewal**
44			**($000)**	**($000)**
45		Subtransmission	588	1,108
46		Zone substations	2,367	786
47		Distribution and LV lines	137	9,722
48		Distribution and LV cables	–	3,935
49		Distribution substations and transformers	688	6,599
50		Distribution switchgear	–	1,532
51		Other network assets	449	2,599
52		**System growth and asset replacement and renewal expenditure**	4,230	26,281
53	*less*	Capital contributions funding system growth and asset replacement and renewal	–	–
54		**System growth and asset replacement and renewal less capital contributions**	4,230	26,281
55				
56		**6a(v): Asset Relocations**		
57		*Project or programme**	**($000)**	**($000)**
58		Gracefield Transpower IDID	337	
59		KR-NG SL Relocation	336	
60		SH58 11kV U/G	252	
61		Transpower U/G Ohariu/Mulhern/Boomrock	527	
62		[Description of material project or programme]	–	
63		** include additional rows if needed*		
64		All other projects or programmes - asset relocations	809	
65		**Asset relocations expenditure**		2,260
66	*less*	Capital contributions funding asset relocations	2,762	
67		**Asset relocations less capital contributions**		(502)

Company Name	Wellington Electricity Lines Limited	
For Year Ended	31 March 2023	

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

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

sch ref			($000)	($000)
68				
69	**6a(vi): Quality of Supply**			
70		*Project or programme**	($000)	($000)
71		[Description of material project or programme]	–	
72		[Description of material project or programme]	–	
73		[Description of material project or programme]	–	
74		[Description of material project or programme]	–	
75		[Description of material project or programme]	–	
76		** include additional rows if needed*		
77		All other projects programmes - quality of supply	1,522	
78		**Quality of supply expenditure**		1,522
79	*less*	Capital contributions funding quality of supply	–	
80		**Quality of supply less capital contributions**		1,522
81	**6a(vii): Legislative and Regulatory**			
82		*Project or programme**	($000)	($000)
83		[Description of material project or programme]	–	
84		[Description of material project or programme]	–	
85		[Description of material project or programme]	–	
86		[Description of material project or programme]	–	
87		[Description of material project or programme]	–	
88		** include additional rows if needed*		
89		All other projects or programmes - legislative and regulatory	–	
90		**Legislative and regulatory expenditure**		–
91	*less*	Capital contributions funding legislative and regulatory	–	
92		**Legislative and regulatory less capital contributions**		–
93	**6a(viii): Other Reliability, Safety and Environment**			
94		*Project or programme**	($000)	($000)
95		BAU Newtown Seismic Strengthening	481	
96		[Description of material project or programme]	–	
97		[Description of material project or programme]	–	
98		[Description of material project or programme]	–	
99		[Description of material project or programme]	–	
100		** include additional rows if needed*		
101		All other projects or programmes - other reliability, safety and environment	465	
102		**Other reliability, safety and environment expenditure**		946
103	*less*	Capital contributions funding other reliability, safety and environment	–	
104		**Other reliability, safety and environment less capital contributions**		946
105				
106	**6a(ix): Non-Network Assets**			
107	**Routine expenditure**			
108		*Project or programme**	($000)	($000)
109		SCADA Upgrade (Old NW 5133259)	313	
110		[Description of material project or programme]	–	
111		[Description of material project or programme]	–	
112		[Description of material project or programme]	–	
113		[Description of material project or programme]	–	
114		** include additional rows if needed*		
115		All other projects or programmes - routine expenditure	1,350	
116		**Routine expenditure**		1,663
117	**Atypical expenditure**			
118		*Project or programme**	($000)	($000)
119		[Description of material project or programme]	–	
120		[Description of material project or programme]	–	
121		[Description of material project or programme]	–	
122		[Description of material project or programme]	–	
123		[Description of material project or programme]	–	
124		** include additional rows if needed*		
125		All other projects or programmes - atypical expenditure	–	
126		**Atypical expenditure**		–
127				
128		**Expenditure on non-network assets**		1,663

Company Name	ellington Electricity Lines Limit
For Year Ended	31 March 2023

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

This schedule requires a breakdown of operational expenditure incurred in the disclosure year.
EDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.
This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch ref			
7	**6b(i): Operational Expenditure**	**($000)**	**($000)**
8	Service interruptions and emergencies	4,321	
9	Vegetation management	1,952	
10	Routine and corrective maintenance and inspection	8,944	
11	Asset replacement and renewal	1,201	
12	**Network opex**		16,418
13	System operations and network support	8,848	
14	Business support	11,070	
15	**Non-network opex**		19,917
16			
17	**Operational expenditure**		36,335
18	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
19	*EDBs' must disclose both a public version of this Schedule (excluding cybersecurity cost data) and a confidential version of this Schedule (including cybersecurity costs)*		
20	Energy efficiency and demand side management, reduction of energy losses		–
21	Direct billing*		–
22	Research and development		–
23	Insurance		2,375
24	Cybersecurity (Commission only)		9
25	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

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

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

sch ref				
7	**7(i): Revenue**	**Target ($000) [1]**	**Actual ($000)**	**% variance**
8	Line charge revenue	156,426	157,515	1%
9	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
10	Consumer connection	13,947	16,483	18%
11	System growth	9,073	4,230	(53%)
12	Asset replacement and renewal	24,413	26,281	8%
13	Asset relocations	728	2,260	210%
14	Reliability, safety and environment:			
15	Quality of supply	2,139	1,522	(29%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	467	946	102%
18	**Total reliability, safety and environment**	2,606	2,468	(5%)
19	**Expenditure on network assets**	50,767	51,722	2%
20	Expenditure on non-network assets	2,283	1,663	(27%)
21	Expenditure on assets	53,050	53,385	1%
22	**7(iii): Operational Expenditure**			
23	Service interruptions and emergencies	4,849	4,321	(11%)
24	Vegetation management	1,799	1,952	8%
25	Routine and corrective maintenance and inspection	8,815	8,944	1%
26	Asset replacement and renewal	1,010	1,201	19%
27	**Network opex**	16,473	16,418	(0%)
28	System operations and network support	6,294	8,848	41%
29	Business support	13,733	11,070	(19%)
30	**Non-network opex**	20,027	19,917	(1%)
31	**Operational expenditure**	36,500	36,335	(0%)
32	**7(iv): Subcomponents of Expenditure on Assets (where known)**			
33	Energy efficiency and demand side management, reduction of energy losses	–	244	–
34	Overhead to underground conversion	–	778	–
35	Research and development	–	–	–
36				
37	**7(v): Subcomponents of Operational Expenditure (where known)**			
38	Energy efficiency and demand side management, reduction of energy losses	–	–	–
39	Direct billing	–	–	–
40	Research and development	–	–	–
41	Insurance	2,326	2,375	2%
42				
43	*1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination*			
44	*2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)*			

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

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

sch ref

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)
RLU	Domestic	Standard	4,482	(76,507)
RSU	Domestic	Standard	4,901	(66,522)
RLUTOU	Domestic	Standard	86,228	558,038
RSUTOU	Domestic	Standard	59,857	689,569
RLUEVB	Domestic	Standard	241	1,835
RSUEVB	Domestic	Standard	202	2,532
GLV15	Small Commercial	Standard	5,342	40,760
GLV69	Small Commercial	Standard	9,890	272,952
GLV138	Medium Commercial	Standard	432	45,347
GLV300	Large Commercial	Standard	376	95,631
GLV1500	Small Industrial	Standard	210	124,022
GTX15	Small Commercial	Standard	2	58
GTX69	Small Commercial	Standard	17	553
GTX138	Medium Commercial	Standard	17	2,077
GTX300	Large Commercial	Standard	117	48,934
GTX1500	Small Industrial	Standard	285	319,901
GTX1501	Large Industrial	Standard	40	182,139
G001	Un-metered	Standard	533	1,920
G002	Un-metered	Standard	322	10,913
Individual Contracts	Individual Contracts	Non-standard	17	32,768
		Standard consumer totals	173,495	2,254,151
		Non-standard consumer totals	17	32,768
		Total for all consumers	173,512	2,286,919

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

Billed quantities by price component

Price component	Fixed Charge (FIXD)	Uncontrolled Charge (24UC or UC)	All-Inclusive Charge (AICO)	Controlled Charge (CTRL)	Night Charge (NITE)	Peak (PEAK)	Off-Peak (OFFPEAK)	Peak Uncontrolled (P-UC)
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	Day	kWh	kWh	kWh	kWh	kWh	kWh	kWh
RLU	1,633,923	(40,485,861)	(32,524,457)	(3,288,060)	(208,257)	–	–	–
RSU	1,786,421	(25,073,256)	(37,821,601)	(3,521,734)	(105,343)	–	–	–
RLUTOU	31,433,908	188,726,536	119,591,576	18,850,584	2,662,197	–	–	52,059,760
RSUTOU	21,736,408	208,863,188	186,637,621	25,968,562	5,379,637	–	–	60,063,943
RLUEVB	87,829	–	–	6,257	–	475,090	1,353,820	–
RSUEVB	73,709	–	–	22,669	–	665,862	1,843,103	–
GLV15	1,947,219	40,759,774	–	–	–	–	–	–
GLV69	3,593,353	272,952,172	–	–	–	–	–	–
GLV138	156,967	45,347,022	–	–	–	–	–	–
GLV300	138,092	95,630,584	–	–	–	–	–	–
GLV1500	76,807	124,022,339	–	–	–	–	–	–
GTX15	698	57,649	–	–	–	–	–	–
GTX69	6,279	553,191	–	–	–	–	–	–
GTX138	6,230	2,076,875	–	–	–	–	–	–
GTX300	42,913	48,933,586	–	–	–	–	–	–
GTX1500	105,237	319,901,430	–	–	–	–	–	–
GTX1501	14,570	182,139,462	–	–	–	–	–	–
G001	433,546	1,919,672	–	–	–	–	–	–
G002	13,559,504	10,912,884	–	–	–	–	–	–
Individual Contracts	–	–	–	–	–	–	–	–
Standard consumer totals	76,833,613	1,477,237,248	235,883,139	38,038,278	7,728,234	1,140,952	3,196,923	112,123,703
Non-standard consumer totals	–	–	–	–	–	–	–	–
Total for all consumers	76,833,613	1,477,237,248	235,883,139	38,038,278	7,728,234	1,140,952	3,196,923	112,123,703

Price component	Off-Peak Uncontrolled (OP-UC)	Peak All-Inclusive (P-AI)	Off-Peak All-Inclusive (OP-AI)	Demand (DAMD)	Capacity Charge (CAPY)	On-Peak Demand Charge (DOPC)	Power Factor Charge (PWRF)	Individual Contracts
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	kWh	kWh	kWh	kVA/month	kVA/day	kW/mth	kVAr/mth	ea
RLU	–	–	–	–	–	–	–	–
RSU	–	–	–	–	–	–	–	–
RLUTOU	77,076,820	29,922,566	69,147,673	–	–	–	–	–
RSUTOU	84,955,057	35,130,105	82,570,725	–	–	–	–	–
RLUEVB	–	–	–	–	–	–	–	–
RSUEVB	–	–	–	–	–	–	–	–
GLV15	–	–	–	–	–	–	–	–
GLV69	–	–	–	–	–	–	–	–
GLV138	–	–	–	–	–	–	–	–
GLV300	–	–	–	–	–	–	–	–
GLV1500	–	–	–	366,227	–	–	–	–
GTX15	–	–	–	–	–	–	–	–
GTX69	–	–	–	–	–	–	–	–
GTX138	–	–	–	–	–	–	–	–
GTX300	–	–	–	–	–	–	–	–
GTX1500	–	–	–	943,562	80,052,045	–	–	–
GTX1501	–	–	–	–	34,211,266	391,215	23,161	–
G001	–	–	–	–	–	–	–	–
G002	–	–	–	–	–	–	–	–
Individual Contracts	–	–	–	–	–	–	–	32,767,751
Standard consumer totals	162,031,877	65,052,671	151,718,398	1,309,789	114,263,311	391,215	23,161	–
Non-standard consumer totals	–	–	–	–	–	–	–	32,767,751
Total for all consumers	162,031,877	65,052,671	151,718,398	1,309,789	114,263,311	391,215	23,161	32,767,751

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

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

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)
RLU	Domestic	Standard	($5,769)	–	($3,484)	($2,285)
RSU	Domestic	Standard	($1,362)	–	($914)	($449)
RLUTOU	Domestic	Standard	$55,983	–	$33,563	$22,420
RSUTOU	Domestic	Standard	$56,678	–	$32,798	$23,880
RLUEVB	Domestic	Standard	$182	–	$98	$84
RSUEVB	Domestic	Standard	$204	–	$111	$93
GLV15	Small Commercial	Standard	$3,063	–	$1,843	$1,220
GLV69	Small Commercial	Standard	$14,134	–	$8,499	$5,635
GLV138	Medium Commercial	Standard	$3,027	–	$1,816	$1,211
GLV300	Large Commercial	Standard	$3,104	–	$1,867	$1,237
GLV1500	Small Industrial	Standard	$5,447	–	$3,282	$2,164
GTX15	Small Commercial	Standard	$3	–	$2	$1
GTX69	Small Commercial	Standard	$25	–	$15	$10
GTX138	Medium Commercial	Standard	$121	–	$73	$48
GTX300	Large Commercial	Standard	$1,186	–	$714	$472
GTX1500	Small Industrial	Standard	$10,582	–	$6,388	$4,194
GTX1501	Large Industrial	Standard	$5,416	–	$3,247	$2,169
G001	Un-metered	Standard	$249	–	$150	$99
G002	Un-metered	Standard	$2,902	–	$1,744	$1,158
Individual Contracts	Individual Contracts	Non-standard	$2,339	–	$1,384	$955
Add extra rows for additional consumer groups or price category codes as necessary						
		Standard consumer totals	$155,175	–	$91,812	$63,363
		Non-standard consumer totals	$2,339	–	$1,384	$955
		Total for all consumers	$157,515	–	$93,196	$64,319

Line charge revenues ($000) by price component

Price component	Fixed Charge (FIXD)	Uncontrolled Charge (24UC or UC)	All-Inclusive Charge (AICO)	Controlled Charge (CTRL)	Night Charge (NITE)	Peak (PEAK)	Off-Peak (OFFPEAK)	Peak Uncontrolled (P-UC)	Off-Peak Uncontrolled (OP-UC)
Rate (eg, $ per day, $ per kWh, etc.)	$/day	$/kWh	$/kWh	$/kWh	$/kWh	$/kWh	$/kWh	$/kWh	$/kWh
RLU	$490	($3,725)	($2,374)	($157)	($3)	–	–	–	–
RSU	$1,782	($1,512)	($1,566)	($65)	($2)	–	–	–	–
RLUTOU	$9,430	$17,363	$8,730	$897	$43	–	–	$6,523	$5,804
RSUTOU	$21,682	$12,594	$7,727	$478	$77	–	–	$5,622	$3,704
RLUEVB	$26	–	–	$0	–	$70	$86	–	–
RSUEVB	$86	–	–	$0	–	$72	$46	–	–
GLV15	$1,058	$2,005	–	–	–	–	–	–	–
GLV69	$4,827	$9,308	–	–	–	–	–	–	–
GLV138	$1,195	$1,832	–	–	–	–	–	–	–
GLV300	$1,497	$1,607	–	–	–	–	–	–	–
GLV1500	$2,100	$918	–	–	–	–	–	–	–
GTX15	$0	$3	–	–	–	–	–	–	–
GTX69	$8	$18	–	–	–	–	–	–	–
GTX138	$43	$78	–	–	–	–	–	–	–
GTX300	$422	$763	–	–	–	–	–	–	–
GTX1500	$2,234	$1,919	–	–	–	–	–	–	–
GTX1501	$1	$255	–	–	–	–	–	–	–
G001	$16	$233	–	–	–	–	–	–	–
G002	$2,902	–	–	–	–	–	–	–	–
Individual Contracts	–	–	–	–	–	–	–	–	–
Standard consumer totals	$49,799	$43,660	$12,517	$1,155	$116	$141	$132	$12,145	$9,508
Non-standard consumer totals	–	–	–	–	–	–	–	–	–
Total for all consumers	$49,799	$43,660	$12,517	$1,155	$116	$141	$132	$12,145	$9,508

Price component	Peak All-Inclusive (P-AI)	Off-Peak All-Inclusive (OP-AI)	Demand (DAMD)	Capacity Charge (CAPY)	On-Peak Demand Charge (DOPC)	Power Factor Charge (PWRF)	Individual Contracts (IC)
Rate (eg, $ per day, $ per kWh, etc.)	$/kWh	$/kWh	$/kVA/month	$/kVA/day	$/kW/mth	$/kVAr/mth	$
RLU	–	–	–	–	–	–	–
RSU	–	–	–	–	–	–	–
RLUTOU	$3,217	$3,976	–	–	–	–	–
RSUTOU	$2,663	$2,130	–	–	–	–	–
RLUEVB	–	–	–	–	–	–	–
RSUEVB	–	–	–	–	–	–	–
GLV15	–	–	–	–	–	–	–
GLV69	–	–	–	–	–	–	–
GLV138	–	–	–	–	–	–	–
GLV300	–	–	–	–	–	–	–
GLV1500	–	–	$2,429	–	–	–	–
GTX15	–	–	–	–	–	–	–
GTX69	–	–	–	–	–	–	–
GTX138	–	–	–	–	–	–	–
GTX300	–	–	–	–	–	–	–
GTX1500	–	–	$5,260	$1,169	–	–	–
GTX1501	–	–	–	$876	$4,109	$176	–
G001	–	–	–	–	–	–	–
G002	–	–	–	–	–	–	–
Individual Contracts	–	–	–	–	–	–	$2,339
Standard consumer totals	$5,880	$6,106	$7,689	$2,045	$4,109	$176	–
Non-standard consumer totals	–	–	–	–	–	–	$2,339
Total for all consumers	$5,880	$6,106	$7,689	$2,045	$4,109	$176	$2,339

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

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end	17	**Check**	**OK**

Company Name	Wellington Electricity Lines Limited
For Year Ended	31 March 2023
Network / Sub-network Name	

SCHEDULE 9a: ASSET REGISTER

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

sch ref	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1–4)
9	All	Overhead Line	Concrete poles / steel structure	No.	31,831	32,092	261	3
10	All	Overhead Line	Wood poles	No.	7,891	7,614	(277)	3
11	All	Overhead Line	Other pole types	No.	227	262	35	3
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	57	57	(0)	4
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	–	–	–	N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	35	35	0	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	50	50	0	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	45	45	0	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	8	8	0	4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	27	27	–	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	–	–	–	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	–	–	N/A
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	–	–	–	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	–	–	–	N/A
29	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	–	–	–	N/A
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	2	2	–	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	352	352	–	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	N/A
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	52	52	–	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	585	586	1	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	2	2	(0)	3
37	HV	Distribution Line	SWER conductor	km	1	1	0	3
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	171	181	10	3
39	HV	Distribution Cable	Distribution UG PILC	km	1,029	1,029	(0)	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	0	0	0	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	17	19	2	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	1,016	962	(54)	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	2,611	2,677	66	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	617	591	(26)	4
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	2,071	2,118	47	4
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	1,816	1,824	8	4
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	2,664	2,692	28	4
48	HV	Distribution Transformer	Voltage regulators	No.	–	–	–	N/A
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	525	532	7	4
50	LV	LV Line	LV OH Conductor	km	1,072	1,072	0	2
51	LV	LV Cable	LV UG Cable	km	1,751	1,770	19	2
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	1,948	1,959	12	2
53	LV	Connections	OH/UG consumer service connections	No.	172,542	174,464	1,922	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	1,452	1,459	7	3
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	264	264	–	4
56	All	Capacitor Banks	Capacitors including controls	No	–	–	–	N/A
57	All	Load Control	Centralised plant	Lot	24	24	–	4
58	All	Load Control	Relays	No	–	–	–	N/A
59	All	Civils	Cable Tunnels	km	1	1	–	4

Company Name	Wellington Electricity Lines Limited
For Year Ended	31 March 2023
Network / Sub-network Name	

SCHEDULE 9b: ASSET AGE PROFILE

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

sch ref

8 **Disclosure Year (year ended)**

Number of assets at disclosure year end by installation date

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 (quantity)	No. with default dates	Data accuracy (1–4)
10	All	Overhead Line	Concrete poles / steel structure	No.	61	155	1,396	5,143	3,421	1,664	2,709	486	239	239	453	387	404	1,732	1,899	2,381	965	656	409	428	499	513	619	720	905	835	1,003	335	546	464	426	–	–	–	32,092	438	3
11	All	Overhead Line	Wood poles	No.	17	30	314	1,854	1,381	1,462	644	26	9	15	4	27	30	71	167	110	66	205	43	101	44	49	59	78	116	100	81	111	96	178	126	–	–	–	7,614	262	3
12	All	Overhead Line	Other pole types	No.	–	–	10	29	46	3	12	–	–	–	–	–	–	–	–	–	–	9	–	–	–	–	35	–	11	15	17	18	25	4	28	–	–	–	262	26	3
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	–	–	–	17	25	–	12	–	–	0	–	–	–	–	–	0	0	–	0	0	–	–	–	0	1	0	–	2	–	–	0	–	–	–	57	0	4
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	–	–	–	0	–	–	3	–	1	2	0	0	1	0	2	–	5	–	–	10	–	0	6	1	0	0	0	0	–	3	–	–	–	–	35	–	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	–	–	–	20	20	9	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	50	–	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	–	–	10	28	4	3	–	–	–	–	–	–	–	–	0	0	–	–	–	–	–	0	–	–	–	–	–	–	–	–	–	–	–	–	45	–	4
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	–	–	–	1	6	0	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8	–	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	–	–	1	14	9	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27	–	4
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
30	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	–	–	–	131	72	40	29	–	1	6	–	–	–	–	–	16	2	–	–	3	11	13	1	11	–	3	1	12	–	–	–	–	–	–	352	–	4
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	–	–	4	29	13	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	52	–	4
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	–	–	4	210	101	150	52	4	3	3	3	5	1	3	2	1	1	1	1	5	4	3	2	2	3	4	3	3	4	3	1	–	–	–	586	0	3
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	–	–	–	1	0	0	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–	–	–	0	0	0	–	–	–	–	–	–	2	–	3
38	HV	Distribution Line	SWER conductor	km	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	3
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km	–	0	0	1	1	0	2	1	14	10	7	5	3	4	4	9	10	5	5	11	13	9	6	5	6	12	9	8	8	8	7	–	–	–	181	–	3
40	HV	Distribution Cable	Distribution UG PILC	km	55	22	115	277	248	153	112	4	9	4	4	6	9	6	4	2	1	0	0	0	0	0	–	–	–	–	0	–	–	0	0	–	–	–	1,029	2	3
41	HV	Distribution Cable	Distribution Submarine Cable	km	–	–	–	–	–	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	–	–	–	1	–	–	–	–	–	–	–	–	–	–	2	1	–	–	1	–	–	–	1	6	1	1	–	1	1	1	2	–	–	–	19	–	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	–	–	4	180	131	140	132	–	8	12	2	1	–	5	12	30	4	40	42	34	37	34	8	28	6	23	20	10	15	4	–	–	–	–	962	–	4
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	2	–	145	684	392	179	174	47	47	52	78	66	33	41	45	60	32	25	31	36	30	20	31	45	62	52	64	56	56	57	35	–	–	–	2,677	40	3
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	–	1	–	86	143	180	57	5	1	7	4	–	–	2	3	5	–	2	7	5	8	15	3	9	3	5	13	4	15	8	–	–	–	–	591	–	4
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	–	–	21	117	401	205	240	24	26	18	40	47	33	43	47	43	33	68	34	59	55	55	49	53	64	58	64	55	64	57	45	–	–	–	2,118	21	4
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	–	3	62	279	157	60	155	35	65	44	48	40	41	63	39	46	28	31	24	27	32	20	27	35	65	43	87	40	85	90	53	–	–	–	1,824	–	4
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	–	15	128	366	490	208	185	36	50	43	50	45	58	79	74	59	49	52	41	51	48	35	63	53	68	62	63	67	61	50	43	–	–	–	2,692	–	4
49	HV	Distribution Transformer	Voltage regulators	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	4	12	82	127	83	82	33	6	7	11	10	6	4	2	2	3	1	5	1	1	3	6	4	4	2	4	1	4	10	4	8	–	–	–	532	–	4
51	LV	LV Line	LV OH Conductor	km	5	12	152	485	244	82	54	5	3	2	2	2	1	3	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	2	2	–	–	–	1,072	14	2
52	LV	LV Cable	LV UG Cable	km	7	20	101	313	522	206	201	14	26	20	15	14	28	27	19	23	21	10	10	8	15	12	17	12	12	18	17	24	14	17	6	–	–	–	1,770	17	2
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	2	11	114	514	625	207	233	15	15	15	7	13	22	17	12	15	21	7	4	7	9	7	9	6	6	8	7	15	6	7	1	–	–	–	1,959	174	2
54	LV	Connections	OH/UG consumer service connections	No.	2	6	145	328	225	113	123	54	7	15	10	8	7	19	7	15	61	928	780	868	903	646	959	859	968	1,056	1,279	1,539	1,617	1,847	1,922	–	–	157,148	174,464	–	3
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	1	5	2	–	17	41	51	20	43	7	22	19	32	14	10	17	–	–	1,156	1,459	–	3
56	All	SCADA and communications	SCADA and communications equipment operating as a single sys	Lot	–	–	–	–	–	43	88	2	2	1	–	–	5	4	6	1	12	12	17	8	11	6	20	5	1	6	3	6	4	1	–	–	–	–	264	–	4
57	All	Capacitor Banks	Capacitors including controls	No	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
58	All	Load Control	Centralised plant	Lot	–	–	6	8	6	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	24	–	4
59	All	Load Control	Relays	No	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	N/A
60	All	Civils	Cable Tunnels	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	4

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref		Overhead (km)	Underground (km)	Total circuit length (km)
9				
10	**Circuit length by operating voltage (at year end)**	**Overhead (km)**	**Underground (km)**	**Total circuit length (km)**
11	> 66kV	–	–	–
12	50kV & 66kV	–	–	–
13	33kV	57	138	195
14	SWER (all SWER voltages)	1	–	1
15	22kV (other than SWER)	–	–	–
16	6.6kV to 11kV (inclusive—other than SWER)	588	1,210	1,798
17	Low voltage (< 1kV)	1,072	1,770	2,842
18	**Total circuit length (for supply)**	1,718	3,118	4,835
19				
20	Dedicated street lighting circuit length (km)	818	1,141	1,959
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			
22				

sch ref		Circuit length (km)	(% of total overhead length)
23	**Overhead circuit length by terrain (at year end)**	**Circuit length (km)**	**(% of total overhead length)**
24	Urban	1,327	77%
25	Rural	391	23%
26	Remote only	–	–
27	Rugged only	–	–
28	Remote and rugged	–	–
29	Unallocated overhead lines	–	–
30	**Total overhead length**	1,718	100%
31			
32		**Circuit length (km)**	**(% of total circuit length)**
33	Length of circuit within 10km of coastline or geothermal areas (where known)	4,255	88%
34		**Circuit length (km)**	**(% of total overhead length)**
35	Overhead circuit requiring vegetation management	1,546	90%

Company Name	**Wellington Electricity Lines**
For Year Ended	**31 March 2023**

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.

sch ref

	Location *	Average number of ICPs in disclosure year	Line charge revenue ($000)
9	N/A		
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

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

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref

sch ref			
8	**9e(i): Consumer Connections and Decommissionings**		
9	*Number of ICPs connected during year by consumer type*		
10	*Consumer types defined by EDB**	**Number of connections (ICPs)**	
11	Domestic	2,019	
12	Large Commercial	16	
13	Medium Commercial	21	
14	Small Commercial	648	
	Small Industrial	18	
	Un-metered	6	
15	Large Industrial	1	
16	** include additional rows if needed*		
17	**Connections total**	2,729	
18			
19	*Number of ICPs decommissioned during year by consumer type*		
20	*Consumer types defined by EDB**	**Number of decommissionings**	
21	Domestic	387	
22	Large Commercial	6	
	Medium Commercial	15	
	Small Commercial	234	
23	Small Industrial	6	
24	Un-metered	22	
25	Large Industrial	–	
26	** include additional rows if needed*		
27	**Decommissionings total**	670	
28			
29	**Distributed generation**		
30	Number of connections made in year	616	**connections**
32	Capacity of distributed generation installed in year	3.88	**MVA**
33			
34	**9e(ii): System Demand**		
35			
36			
37	**Maximum coincident system demand**	**Demand at time of maximum coincident demand (MW)**	
38	GXP demand	481	
39	*plus* Distributed generation output at HV and above	57	
40	**Maximum coincident system demand**	538	
41	*less* Net transfers to (from) other EDBs at HV and above	–	
42	**Demand on system for supply to consumers' connection points**	538	
43	**Electricity volumes carried**	**Energy (GWh)**	
44	Electricity supplied from GXPs	2,233	
45	*less* Electricity exports to GXPs	86	
46	*plus* Electricity supplied from distributed generation	224	
47	*less* Net electricity supplied to (from) other EDBs	–	
48	**Electricity entering system for supply to consumers' connection points**	2,371	
49	*less* Total energy delivered to ICPs	2,287	
51	**Electricity losses (loss ratio)**	84	3.5%
52			
53	**Load factor**	0.50	
54	**9e(iii): Transformer Capacity**		
55		**(MVA)**	
56	Distribution transformer capacity (EDB owned)	1,497	
57	Distribution transformer capacity (Non-EDB owned, estimated)	28	
58	**Total distribution transformer capacity**	1,526	
59			
60	**Zone substation transformer capacity**	1,067	
61			

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

sch ref

sch ref			
8	**10(i): Interruptions**		
9	**Interruptions by class**	**Number of interruptions**	
10	Class A (planned interruptions by Transpower)	–	
11	Class B (planned interruptions on the network)	248	
12	Class C (unplanned interruptions on the network)	246	
13	Class D (unplanned interruptions by Transpower)	1	
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**	496	
20			
21	**Interruption restoration**	**≤3Hrs**	**>3hrs**
22	Class C interruptions restored within	141	105
23			
24	**SAIFI and SAIDI by class**	**SAIFI**	**SAIDI**
25	Class A (planned interruptions by Transpower)	–	–
26	Class B (planned interruptions on the network)	0.07	13.11
27	Class C (unplanned interruptions on the network)	0.54	40.18
28	Class D (unplanned interruptions by Transpower)	0.03	0.78
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)	0.00	0.27
34	**Total**	0.64	54.3
35			
36	**Normalised SAIFI and SAIDI**	**Normalised SAIFI**	**Normalised SAIDI**
37	Classes B & C (interruptions on the network)	0.61	53.29
38			
39	**Transitional SAIDI and SAIDI (previous method)**	**SAIFI**	**SAIDI**
40	*Where EDBs do not currently record their SAIFI and SAIDI values using the 'multi-count' approach, they shall continue to record their SAIFI and SAIDI values on the same basis that they employed as at 31 March 2023 as 'Transitional SAIFI' and 'Transitional SAIDI' values, in addition to their SAIFI and SAIDI values (Classes B & C) using the 'multi-count approach'.* ***This is a transitional reporting requirement that shall be in place for the 2024, 2025, and 2026 disclosure years.***		
41	Class B (planned interruptions on the network)		
42	Class C (unplanned interruptions on the network)		
43			

Company Name	**Wellington Electricity Lines Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

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

Cause	SAIFI	SAIDI
Lightning	0.01	1.59
Vegetation	0.10	7.24
Adverse weather	0.00	0.16
Adverse environment	–	–
Third party interference	0.08	6.02
Wildlife	0.02	1.04
Human error	0.01	0.81
Defective equipment	0.25	19.33
Cause unknown	0.06	3.99

Breakdown of third party interference	SAIFI	SAIDI
Dig-in	0.00	0.05
Overhead contact	0.03	1.73
Vandalism	0.01	0.76
Vehicle damage	0.04	3.48
Other	–	–

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	–	–
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.05	12.13
Distribution cables (excluding LV)	0.01	0.98
Distribution other (excluding LV)	–	–

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	–	–
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.37	29.68
Distribution cables (excluding LV)	0.17	10.50
Distribution other (excluding LV)	–	–

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	–	57	–
Subtransmission cables	–	138	–
Subtransmission other	–		
Distribution lines (excluding LV)	191	588	32.51
Distribution cables (excluding LV)	55	1,210	4.54
Distribution other (excluding LV)	–		
Total	246		

Company Name	Wellington Electricity Lines Limited
For Year Ended	31 March 2023

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

The 2023 return on investment (ROI) of 10.10% (vanilla WACC) is above the WACC estimate outlined in the cost of capital determination which is used to set the regulatory price path of 4.57% for the period 1 April 2022 to 31 March 2023.

The reason ROI was higher than WACC was mainly because of the high inflationary revaluation adjustment to the regulatory asset base. The large increase reflects high actual inflation rates. A positive quality incentive adjustment also contributed to the higher ROI.

There were no reclassifications for the 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
During the year WELL recovered line charge revenue of $157.5m which was less than the actual allowable revenue. This under-recovery will be recovered by WELL through the wash-up account in RY25. WELL earned $0.9m for charges relating to new connections, upgrades, decommissioning, and temporary disconnections. Operating expenses were slightly above allowances for the year. Costs were higher than prior year due to increases in insurance premium costs as well as inflationary increases in other business support costs. Pass-through and recoverable costs were in line with forecast. Depreciation was higher than the prior year, due to a high inflationary revaluation adjustment to the regulatory asset base in the prior year. Revaluations were broadly in line with the prior year due to actual inflation rates remaining high in the 2023 regulatory year (6.65% in 2023 and 6.93% in 2022). There were no reclassifications for the 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 have been no mergers or acquisitions in the disclosure year. There were no reclassifications for the year.

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)

The value of the regulatory asset base has been determined by rolling forward the initial regulatory asset base with allowance made for additions, disposals, depreciation, asset allocation and revaluation in accordance with the Electricity Distribution Services Input Methodologies Determination 2012.

There were no reclassifications for the 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

Wellington Electricity Lines Limited (WELL) has recorded expenditure before tax that is not deductible of $42k. This includes non-deductible entertainment expenses in accordance with the New Zealand Tax Legislation.

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)

Other temporary differences of $160k include employee entitlements ($5k), and other accruals ($155k) not deductible in the current period in accordance with the New Zealand Tax Legislation.

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

Allocating routine and corrective maintenance expenses to unregulated pole services.

Routine and corrective maintenance is an unavoidable cost for the regulated business and is crucial to network integrity. WELL also derives unregulated revenue from some poles in the form of rental for space on the pole for fibre connections. WELL applies the Accounting-based allocation approach (ABAA) method to allocated costs to the unregulated portion of the business.

There are two types of costs relating to the unregulated pole services:

(1) Installation costs: Installation costs incurred by WELL are the largest costs incurred in relation to the unregulated pole services. These costs sit outside of the regulatory cost base and are excluded from the information disclosures.

(2) On-going pole maintenance: Pole maintenance is performed annually and is ad-hoc. This is driven by the needs of the regulated business and not the fibre services - therefore there is no causal allocator available for these costs in relation to the unregulated portion of income. We have therefore allocated a portion of these costs to the unregulated business using a proxy allocator of the surface area of the pole used to house fibre equipment.

Allocating business support expenses to non-regulated services

These costs are generic business support costs which WELL allocated based on the ABAA approach. Business support services support unregulated services of rental of pole space for fibre, other leased assets not included in the RAB, loss rental rebates and instantaneous reserve revenue. Business support costs are allocated to these unregulated services using causal drivers. A causal driver has been selected because the activities to derive the revenue can be identified and the value associated to it can be calculated and separated from the regulated activities.

If the non-regulatory revenue streams did not exist, WELL would still incur the business support costs held in the regulatory business. Any business support costs directly relating to unregulated revenue have not been included in ID disclosures as a regulatory cost.

There were no reclassifications for the 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

WELL applies the ABAA method to allocate pole assets between the regulated and non-regulated parts of the business for fibre connections. WELL is unable to identify a direct causal relationship between the pole RAB and the unregulated revenue because the fibre equipment which also uses the poles is an incidental and incremental service – if the fibre connections did not exist, the poles would still be needed to provide distribution services. WELL has therefore applied a proxy allocator for the allocation of RAB between attributable and not directly attributable. The proxy allocator used is surface area of the pole. Surface area represents the portion of the pole that external parties are leasing to attach fibre connections to. The surface area of a pole used to attach fibre equipment has been calculated to be 2.25% of a pole. This percentage is applied to the average number of poles with a fibre connection, in the regulatory year.

There were no reclassifications for the 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 with subclause 2.7.1(2).

Box 9: Explanation of capital expenditure for the disclosure year

WELL has applied professional judgement in assessing whether a project or programme is deemed material. A project or programme is considered material where the required spend was at least $250k or more.

There were no reclassifications for the 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, 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

Asset replacement and renewal includes expenditure to replace or renew assets where the expenditure is not capitalised under NZ IFRS. This expenditure is of a maintenance nature. There was no material atypical expenditure included in operational expenditure in the disclosure year.

There were no reclassifications 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 Assets:

Consumer Connection: The increase in spend has been driven by a general uplift in development activity across the region and several large one-off customer projects. This is supported by the continued higher than usual number of new dwellings consented in the Wellington region. The number of consents in 2022 was 3,330, an increase from the annual average of 2,330 for the 6 years prior.

System Growth: Differences to the system growth and asset replacement and renewal programmes were due to refinements in project plans, with projects being re-sequenced between the categories with no material net impact. Specifically, the commissioning of the Evans Bay 33kV bus installation project has been delayed until 2024.

Asset Replacement and Renewals: Differences in the system growth and asset replacement and renewal programmes were due to refinements in project plans, with projects being re-sequenced between the categories with no material net impact.

Asset Relocation: Several large asset relocation projects were initiated by customers during the 2023 regulatory year. Refer to schedule 6a for project titles.

Quality of Supply: Expenditure decreased compared to forecasts due to the worst-performing feeder programme being delivered for less than forecast.

Other Reliability: The Newtown substation strengthening was more expensive than expected. The building needed more remedial strengthening than first thought.

Expenditure on Non-Network Assets: The decrease in spending was due to the timing of the GIS and load management software replacements.

Operational Expenditure:

Service Interruptions and Emergencies: Less than expected reactive maintenance expenditure due to fewer and less expensive outages than forecast.

Vegetation Management: In line with forecasts.

Routine and Corrective Maintenance and Asset Replacement and Renewal: In line with forecasts.

Asset replacement and renewal: Minor (non-capex) equipment installations were more expensive than forecast. Forecast variance is usually volatile due to the variation in the types of reactive and corrective works (and the associated consumable equipment) implemented in the year.

Systems Operations and Network Support: Increase in costs as a result of increased software licencing and data and communication costs relating to network support and aligning call centre and customer support costs into the system operations and network support category.

Business support: Decrease in costs as a result of reduced software licencing and data and communication costs and aligning call centre and customer support costs into the system operations and network support category.

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 subclause 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
Actual line charge revenue of $157.5m was greater than the target revenue of $156.4m. This was due to higher than expected residential volumes.

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

WELL's quality performance was above the quality target but less than the quality limit for the third assessment period of the DPP. The performance was higher than the quality target due to the poor weather in the regulator year ending April 2023. WELL continues to refine its quality improvement programme. At a high level, the quality improvement programme for the second assessment period included:

- Continued work on improving feeder performance by undertaking refurbishment projects on 11 kV feeders.
- Reviewed and added new outage trend analysis.
- Continue to automate the notified outage process.

WELL will continue to investigate ways to improve the reliability of the network. WELL's AMP provides an analysis of critical trends and an annual update to the reliability performance improvement programme (the AMP can be found at: https://www.welectricity.co.nz/disclosures/asset-management-plan).

Disclosure of reliability information within Schedule 10

As outlined in the Commerce Commissions letter titled "*Information Disclosure exemption: Disclosure and auditing of reliability information within Schedule 10*", dated 17 May 2021, Wellington Electricity Lines Limited has provided additional disclosure information relating to the measurement of SAIFI.

EDBs must complete and disclose, as part of their disclosures under the ID Determination, the following information:

7.1.1 whether successive interruptions have been treated in the same way for the current disclosure year as they were for the previous disclosure year;

The treatment of successive interruptions in the 2023 disclosure year is consistent with the 2022 disclosure year and with all previous disclosure years.

7.1.2 if successive interruptions were treated differently for the current disclosure year than they were for the previous disclosure year, provide an explanation of the nature of and reasons for the change; and

N/A

7.1.3 the process applied in recognising, or not recognising, successive interruptions following an initial outage.

Where an interruption to the supply of electricity distribution services to a customer is followed by restoration, and then by a "successive interruption" within the same event, WELL records this as a single interruption. If the successive interruption includes customers that were not affected by the initial outage, those additional customers are added to the same event.

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
Due to the limited nature/cost of insurance cover available to WELL, only 15% of its assets have insurance cover. WELL has material damage (MD) and Business interruption (BI) insurance for key asset, including WELL's GXP assets, zone substations, some critical distribution substations and its office fit out at Petone. WELL's MD and BI insurance is currently placed through international markets. The balance of WELL's assets (85%) are uninsured because insurance cover is not available and/or not economically viable. WELL does not recover funds to hold as reserve provisions (ex-ante) under the building blocks approach to determining allowable revenues under the CPP. Therefore WELL is not self-insured.

Amendments to previously disclosed information

18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause 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
There have been no amendments to previous disclosure information.

Company Name Wellington Electricity Lines Limited

For Year Ended 31 March 2023

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, 2.4.21, 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
There are no additional voluntary comments.

Schedule 18 Certification For Year-End Disclosures

Clause 2.9.2

We, Richard Pearson and Charles Tsai, being directors of Wellington Electricity Lines Limited's 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 Wellington Electricity Lines 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.

Richard Pearson
Chairman

Charles Tsai
Director

29 August 2023

Deloitte.

INDEPENDENT AUDITOR'S REPORT
TO THE DIRECTORS OF WELLINGTON ELECTRICITY LINES LIMITED AND THE COMMERCE COMMISSION

Report on the Disclosure Information prepared in accordance with the Electricity Distribution Information Disclosure Determination 2012 (consolidated July 2023)

We have conducted a reasonable assurance engagement on whether the information disclosed by Wellington Electricity Lines Limited (the 'Company') required to be disclosed in accordance with the Electricity Distribution Information Disclosure Determination 2012 (consolidated July 2023) as amended by the Information Disclosure exemption: Disclosure and auditing of reliability information within Schedule 10, issued by the Commerce Commission on 26 May 2023 ('the Determination') for the disclosure year ended 31 March 2023, has been prepared, in all material respects, in accordance with the Determination.

The information required to be reported by the Company, and audited, under the Information Disclosure Determination is in schedules 1 to 4, 5a to 5g, 6a, 6b, 7, 10 and the explanatory notes in boxes 1 to 11 of Schedule 14, and the related party relationships, procurement policies and processes and the practical application of the procurement policies and processes disclosed in Schedule 5b (the 'Disclosure Information').

Further to the above, we have conducted the reasonable assurance engagement on whether the Company's basis for valuation of related party transactions ('the Related Party Transaction Information') for the disclosure year ended 31 March 2023, has been prepared, in all material respects, in accordance with clauses 2.3.6, 2.3.8, 2.3.10, 2.3.11 and 2.3.12 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 May 2020) ('the Input Methodologies Determination').

Opinion

This opinion has been formed on the basis of, and is subject to, the inherent limitations outlined elsewhere in this independent assurance report.

In our opinion:

- The Company has complied, in all material respects, with the Determination in preparing the Disclosure Information;

- The Related Party Transaction Information complies, in all material respects, with the Determination and the Input Methodologies Determination;

- As far as appears from our examination of them, proper records to enable the complete and accurate compilation of the Disclosure Information and the Related Party Transaction information have been kept by the Company; and

- As far as appears from an examination of the records, the information used in the preparation of the Disclosure Information and the Related Party Transaction Information has been properly extracted from the Company's accounting and other records and has been sourced, where appropriate, from the Company's financial and non-financial systems.

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Basis of opinion

We have conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised): *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* and the Standard on Assurance Engagements 3100 (Revised): *Compliance Engagements* ('SAE3100 (Revised)') issued by the New Zealand Auditing and Assurance Standards Board.

These standards require that we comply with ethical requirements and plan and perform our assurance engagement to provide reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, with the Determination, and about whether the Related Party Transaction Information has been prepared, in all material respects, with the Determination and the Input Methodologies Determination. Reasonable assurance is a high level of assurance.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our conclusion.

Key audit matters

Key audit matters are those matters that, in our professional judgement, were of most significance in our audit of the Disclosure Information. These matters were addressed in the context of our audit of the Disclosure Information, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Key audit matter	How our audit addressed the key audit matter
Classification of expenditure between operating expenditure and capital expenditure The Company carries out a large number of individual network system projects that can be either operational (network maintenance) or capital (asset replacement or network growth) in nature. Professional judgement has been exercised about whether costs incurred in bringing assets to working condition for their intended use and should be capitalised as part of the cost of the asset, or whether they should be expensed as network maintenance. In the current year, total capital expenditures were \$53,385,000 compared to total network operational expenditure incurred of \$36,335,000. The Company's business operations are regulated and are subject to maximum allowable revenue limits set by the Commerce Commission. These revenue limits are, in part, determined by the value of the Company's regulatory asset base which is determined by these expenditure classifications. The classification of expenditure between operating expenditure and capital expenditure is a key audit matter due to the level of judgement involved, extent of costs incurred, and importance of the regulatory asset base to future revenue determination.	Our audit procedures included the following: • Assessing the Company's capitalisation policy was in line with NZ IAS 16 – *Property, plant and equipment,* NZ IFRS 16*: Leases* and NZ IAS 38 – *Intangible assets*; • Testing the design, implementation and operating effectiveness of controls over the application of the policy to expenditure incurred on network system projects; • Comparing the average operating and capital expenditure ratios against the prior regulatory periods. Using this analysis we focused our testing procedures on those areas or periods which were not consistent with the trends in the wider population; and • Testing a sample of costs to invoice(s) or other supporting information to determine whether the expenditure was correctly classified as capital or operating expenditure.

Key audit matter	How our audit addressed the key audit matter
Completeness & accuracy of non-financial reporting disclosures in relation to faults data capture (SAIDI/SAIFI)	
The Information Disclosure Determination defines certain quality measures in relation to the number of interruptions, faults, cause of faults and the average SAIDI and SAIFI values. SAIFI and SAIDI is calculated using aggregate faults and interruptions information for the period through prescribed formulas and requirements of Attachment B of the Determination. The Company's policies and procedures require all high voltage faults, whether planned or unplanned, to be recorded. The Company captures interruption automatically through the Outage database ('SCADA') but can also be from notification by the public of a fault. The information is then recorded in an outage listing, which is updated to reflect any manual adjustments. Manual switching sheets are maintained for all faults and contain details regarding the class and calculation of each outage. The Company's process is not wholly system integrated and manual adjustments are processed. As a result the completeness & accuracy of faults have been identified as a key audit matter.	Our audit procedures included the following: • Obtaining an understanding of the Company's methods by which electricity outages and their duration are recorded; • Testing the design and implementation of key controls related to the recording and review of outage data; • Assessing the reasonableness of why certain events have not been recorded as outage events; • For unplanned outages, selecting a sample of faults recorded on the SCADA and traced the number of customers, number of minutes, the class type and fault cause to the information recorded on the outage listing; • For planned outages, selecting a sample of faults recorded on the switching sheets and traced the number of customers, number of minutes, the class type and fault cause to the information recorded on SCADA and the information recorded on the outage listing; • Where a manual adjustment was processed, for planned or unplanned, obtaining supporting information for the adjustment; • Recalculating the normalised SAIDI and SAIFI using the predetermined boundary limits; and • Reviewing the disclosures in Schedule 14 in respect of the treatment of successive interruptions.

Key audit matter	How our audit addressed the key audit matter
Valuation of related party goods and services at arm's-length The basis of valuation of related party transactions are required to be disclosed on Schedule 5b of the disclosure information. The Directors have determined that the related party transactions identified have occurred at arm's-length by comparing related party terms and conditions, including pricing, to external transactions and information obtained from benchmarking advice from an independent advisor on margins charged by contractors. The related entity provides back office, information technology support services, systems operations, electrical contracting services and project management. This represents $3,706,000 or 8.6% of total capital expenditure, as set out in Schedule 6a. This represents $12,158,000 or 33.5% of total operational expenditure, as set out in Schedule 6b. Due to the inherent judgment associated with the valuation of the goods or services on an arm's-length basis, these matters have been identified as a key audit matter.	Our audit procedures included the following: • Obtaining a listing of all transactions for the disclosure year ended 31 March 2023 and comparing this to the list of entities and transactions included on Schedule 5b; • Obtaining management's methodology of how they determined the transactions were related party transactions; • Evaluating with the assistance of our internal specialists, and utilising market available data, management's assessment that these transactions are at arm's length; and • Evaluating the competence, objectivity and relevant experience of the independent advisor who provided the benchmarking advice.

Responsibilities of the Board of Directors for the Disclosure Information

The Board of Directors is responsible on behalf of the Company for the preparation of the Disclosure Information and Related Party Transaction Information in accordance with the Determination. The responsibility includes the design, implementation and maintenance of internal control relevant to the Company's preparation of the Disclosure Information and the Related Party Transaction Information with the Determination.

Our Independence and Quality Control

We have complied with the independence and other ethical requirements of the 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 ('NZAuASB'), which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

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Other than in our capacity as auditor, the provision of other assurance services, and the provision of taxation services, we have no relationship with or interests in the Company. These services have not impaired our independence as auditor of Wellington Electricity Lines Limited.

The firm applies Professional and Ethical Standard 3: *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements,* which requires the firm to design, implement and operate a system of quality management including policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Auditor's Responsibility

Our responsibility is to express an opinion whether the Disclosure Information and the Related Party Transaction Information has been prepared, in all material respects, in accordance with the Determination and the Input Methodologies Determination. SAE 3100 (Revised) requires that we plan and perform our procedures to obtain reasonable assurance that the Company has complied, in all material aspects, with the Determination and the Input Methodologies Determination in relation to the preparation of the Disclosure Information and the Related Party Transaction Information.

An assurance engagement to report on the Company's preparation of the Disclosure Information and the Related Party Transaction Information in accordance with the Determination and the Input Methodologies Determination involves performing procedures to obtain evidence about the compliance activity and controls implemented to meet the requirements of the Determination and the Input Methodologies Determination. The procedures selected depend on our judgement, including the identification and assessment of risk of material non-compliance with the Determination and the input Methodologies Determination.

We have performed procedures to obtain evidence about the amounts and disclosures in the Disclosure Information and the basis of valuation in the Related Party Transaction Information. The procedures selected depend on our judgement, including the assessment of the risks of material misstatement of the Disclosure Information and Related Party Transaction Information, whether due to fraud or error or non-compliance with the Determination or the Input Methodologies Determination. In making those risk assessments, we considered internal control relevant to the Company's preparation of the Disclosure Information and Related Party Transaction Information in order to design procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.

Inherent Limitations

Because of the inherent limitations of a reasonable assurance engagement, and the test basis of the procedures performed, it is possible that fraud, error or non-compliance may occur and not be detected.

We did not examine every transaction, adjustment or event underlying the Disclosure Information or the Related Party Transaction Information nor do we guarantee complete accuracy of the Disclosure Information or the Related Party Transaction Information. Also, we did not evaluate the security and controls over the electronic publication of the Disclosure Information or the Related Party Transaction Information.

The opinion expressed in this independent assurance report has been formed on the above basis.

Use of Report

This independent assurance report has been prepared solely for the directors of the Company and for the Commerce Commission for the purpose of providing those parties with reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, in accordance with the Determination, and about whether the Related Party Transaction Information has been prepared in all material respects with the Determination and the Input Methodologies Determination. We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the Company or the Commerce Commission, or for any other purpose than that for which it was prepared.

Deloitte Limited

Wellington, New Zealand
29 August 2023