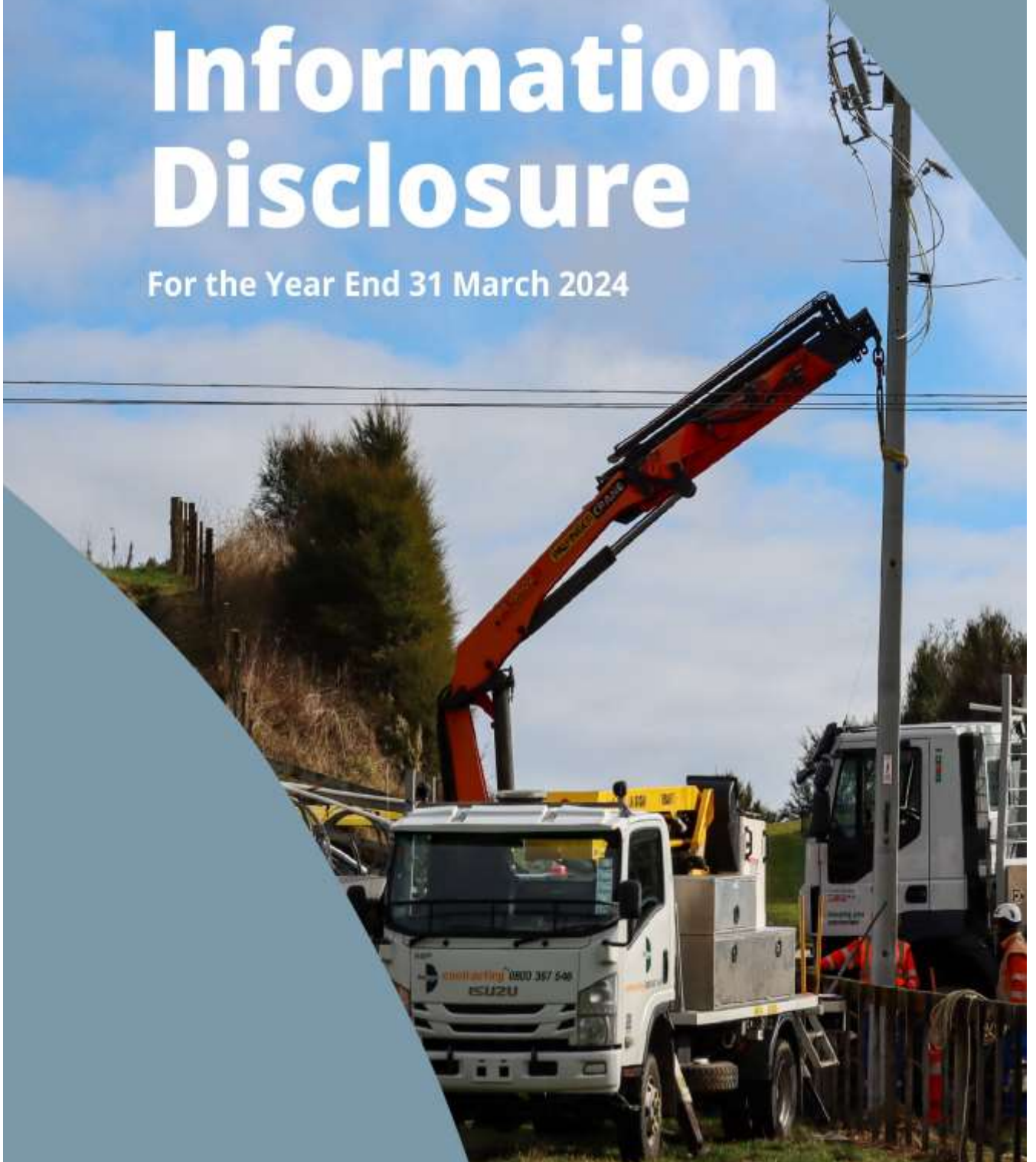


the lines
company

Information Disclosure

For the Year End 31 March 2024





**EDB Information Disclosure Requirements
Information Templates
Schedules 1–10
excluding 5f–5h**

Company Name	The Lines Company
Disclosure Date	31 August 2024
Disclosure Year (year ended)	31 March 2024

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

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Disclosure Template Instructions

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

The Schedules take the form of templates for use by EDBs when making disclosures under clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012.

Company Name and Dates

To prepare the templates for disclosure, the supplier's company name should be entered in cell C8, the date of the last day of the current (disclosure) year should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.

The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

The cell C8 entry (company name) is used in the template title blocks.

Dates should be entered in day/month/year order (Example -"1 April 2023").

Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

Validation Settings on Data Entry Cells

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

Conditional Formatting Settings on Data Entry Cells

Schedule 2 cells G79 and I79:L79 will change colour if the total cashflows do not equal the corresponding values in table 2(ii).

Schedule 4 cells P99:P106 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

Schedule 9b columns AA to AE (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).

Schedule 9b cells in rows 10 to 60 of the column "Items at end of year (quantity)" will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

Schedule 9c cell G30 will change colour if G30 (overhead circuit length by terrain) does not equal G18 (overhead circuit length by operating voltage).

Inserting Additional Rows and Columns

The schedule 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e templates may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.

Additional rows in the schedule 5c, 6a, and 9e templates must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

The schedule 5d and 5e templates may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from rows 77 and 78 of the respective templates to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 69:77, copy, select Excel row 78, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 70:78, copy, select Excel row 79, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted between column L and Q, and between U and AF. If inserting additional columns, headings will need to be copied into the added columns. Additionally, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The column headings and formulas can be found in the equivalent cells of the existing columns.

Disclosures by Sub-Network

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

Description of Calculation References

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

Worksheet Completion Sequence

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

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

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					
8		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)
9	Operational expenditure	48,458	740	236,837	4,020	67,479
10	Network	18,619	284	91,000	1,545	25,928
11	Non-network	29,839	456	145,837	2,475	41,552
12						
13	Expenditure on assets	61,556	940	300,852	5,106	85,718
14	Network	56,680	865	277,022	4,702	78,928
15	Non-network	4,876	74	23,830	404	6,790
16						
17	1(ii): Revenue metrics					
18		Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)			
19	Total consumer line charge revenue	112,932	1,724			
20	Standard consumer line charge revenue	134,959	1,468			
21	Non-standard consumer line charge revenue	58,740	122,689			
22						
23	1(iii): Service intensity measures					
24						
25	Demand density	17				Maximum coincident system demand per km of circuit length (for supply) (kW/km)
26	Volume density	83				Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
27	Connection point density	5				Average number of ICPs per km of circuit length (for supply) (ICPs/km)
28	Energy intensity	15,266				Total energy delivered to ICPs per average number of ICPs (kWh/ICP)
29						
30	1(iv): Composition of regulatory income					
31				(\$000)	% of revenue	
32	Operational expenditure			17,861	42.87%	
33	Pass-through and recoverable costs excluding financial incentives and wash-ups			6,950	16.68%	
34	Total depreciation			11,609	27.86%	
35	Total revaluations			10,546	25.31%	
36	Regulatory tax allowance			1,615	3.88%	
37	Regulatory profit/(loss) including financial incentives and wash-ups			14,178	34.03%	
38	Total regulatory income			41,666		
39						
40	1(v): Reliability					
41						
42	Interruption rate			24.19		Interruptions per 100 circuit km

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(i): Return on Investment		CY-2	CY-1	Current Year CY
		%	%	%
7	2(i): Return on Investment			
8				
9	ROI – comparable to a post tax WACC			
10	Reflecting all revenue earned	9.34%	9.15%	4.99%
11	Excluding revenue earned from financial incentives	10.07%	9.71%	5.41%
12	Excluding revenue earned from financial incentives and wash-ups	10.14%	9.78%	5.47%
13				
14	Mid-point estimate of post tax WACC	3.52%	4.88%	6.05%
15	25th percentile estimate	2.84%	4.20%	5.37%
16	75th percentile estimate	4.20%	5.56%	6.73%
17				
18				
19	ROI – comparable to a vanilla WACC			
20	Reflecting all revenue earned	9.64%	9.67%	5.69%
21	Excluding revenue earned from financial incentives	10.37%	10.23%	6.11%
22	Excluding revenue earned from financial incentives and wash-ups	10.44%	10.29%	6.17%
23				
24	WACC rate used to set regulatory price path	4.57%	4.57%	4.57%
25				
26	Mid-point estimate of vanilla WACC	3.82%	5.39%	6.75%
27	25th percentile estimate	3.14%	4.71%	6.07%
28	75th percentile estimate	4.50%	6.07%	7.43%
29				
30	2(ii): Information Supporting the ROI			
31				
32	Total opening RAB value	263,264		
33	plus Opening deferred tax	(20,927)		
34	Opening RIV		242,337	
35				
36	Line charge revenue		41,625	
37				
38	Expenses cash outflow	24,810		
39	add Assets commissioned	22,231		
40	less Asset disposals	391		
41	add Tax payments	1,325		
42	less Other regulated income	41		
43	Mid-year net cash outflows		47,935	
44				
45	Term credit spread differential allowance		–	
46				
47	Total closing RAB value	284,366		
48	less Adjustment resulting from asset allocation	272		
49	less Lost and found assets adjustment	52		
50	plus Closing deferred tax	(21,217)		
51	Closing RIV		262,826	
52				
53	ROI – comparable to a vanilla WACC			5.69%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			5.97%
57	Corporate tax rate (%)			28%
58				
59	ROI – comparable to a post tax WACC			4.99%
60				

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

61								
62								
63	Opening RIV							N/A
64								
65								
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows	
67	April						-	
68	May						-	
69	June						-	
70	July						-	
71	August						-	
72	September						-	
73	October						-	
74	November						-	
75	December						-	
76	January						-	
77	February						-	
78	March						-	
79	Total	-	-	-	-	-	-	
80								
81	Tax payments							N/A
82								
83	Term credit spread differential allowance							N/A
84								
85	Closing RIV							N/A
86								
87								
88	Monthly ROI – comparable to a vanilla WACC							N/A
89								
90	Monthly ROI – comparable to a post tax WACC							N/A
91								

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

92			
93			
94	Year-end ROI – comparable to a vanilla WACC		6.24%
95			
96	Year-end ROI – comparable to a post tax WACC		5.54%
97			

* 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

101			
102	IRIS incentive adjustment	(1,389)	
103	Purchased assets – avoided transmission charge	-	
104	Energy efficiency and demand incentive allowance	-	
105	Quality incentive adjustment	(39)	
106	Other financial incentives	-	
107	Financial incentives		(1,428)
108			
109	Impact of financial incentives on ROI		-0.42%
110			
111	Input methodology claw-back	-	
112	CPP application recoverable costs	-	
113	Catastrophic event allowance	-	
114	Capex wash-up adjustment	(211)	
115	Transmission asset wash-up adjustment	-	
116	2013–15 NPV wash-up allowance	-	
117	Reconsideration event allowance	-	
118	Other wash-ups	-	
119	Wash-up costs		(211)
120			
121	Impact of wash-up costs on ROI		-0.06%

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

		(\$000)
7	3(i): Regulatory Profit	
8	Income	
9	Line charge revenue	41,625
10	plus Gains / (losses) on asset disposals	41
11	plus Other regulated income (other than gains / (losses) on asset disposals)	-
12		
13	Total regulatory income	41,666
14	Expenses	
15	less Operational expenditure	17,861
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	6,950
18		
19	Operating surplus / (deficit)	16,855
20		
21	less Total depreciation	11,609
22		
23	plus Total revaluations	10,546
24		
25	Regulatory profit / (loss) before tax	15,793
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	1,615
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	14,178
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	344
36	Commerce Act levies	125
37	Industry levies	76
38	CPP specified pass through costs	-
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	6,375
41	Transpower new investment contract charges	-
42	System operator services	-
43	Distributed generation allowance	-
44	Extended reserves allowance	-
45	Other recoverable costs excluding financial incentives and wash-ups	30
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	6,950
47		
48	3(iv): Merger and Acquisition Expenditure	
49		(\$000)
50	Merger and acquisition expenditure	-
51		
52	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>	
53	3(v): Other Disclosures	
54		(\$000)
55	Self-insurance allowance	-

Company Name **The Lines Company**
 For Year Ended **31 March 2024**

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

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

sch ref

	RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
4(i): Regulatory Asset Base Value (Rolled Forward)					
Total opening RAB value	203,757	210,964	225,659	250,864	263,264
less Total depreciation	9,257	9,421	9,960	11,155	11,609
plus Total revaluations	5,149	3,201	15,618	16,669	10,546
plus Assets commissioned	11,012	20,970	19,711	6,934	22,231
less Asset disposals	408	164	103	126	391
plus Lost and found assets adjustment	-	109	93	171	52
plus Adjustment resulting from asset allocation	711		(153)	(94)	272
Total closing RAB value	210,964	225,659	250,864	263,264	284,366

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value		264,014		263,264
less Total depreciation		12,202		11,609
plus Total revaluations		10,571		10,546
plus Assets commissioned (other than below)	22,479		22,231	
Assets acquired from a regulated supplier				
Assets acquired from a related party				
Assets commissioned		22,479		22,231
less Asset disposals (other than below)	391		391	
Asset disposals to a regulated supplier				
Asset disposals to a related party				
Asset disposals		391		391
plus Lost and found assets adjustment		52		52
plus Adjustment resulting from asset allocation				272
Total closing RAB value		284,522		284,366

* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide electricity distribution services without any allowance being made for the allocation of costs to services provided by the supplier that are not electricity distribution services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

Company Name **The Lines Company**
 For Year Ended **31 March 2024**

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

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

sch ref

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

CPI _t	1,267
CPI _{t-4}	1,218
Revaluation rate (%)	4.02%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	264,014		263,264	
less Opening value of fully depreciated, disposed and lost assets	1,259		1,115	
Total opening RAB value subject to revaluation	262,755		262,149	
Total revaluations		10,571		10,546

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		8,491		8,491
plus Capital expenditure	21,336		21,089	
less Assets commissioned	22,479		22,231	
plus Adjustment resulting from asset allocation				
Works under construction - current disclosure year		7,349		7,349
Highest rate of capitalised finance applied				1.93%

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

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

sch ref

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

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
79 Depreciation - standard	10,407		10,407	
80 Depreciation - no standard life assets	1,796		1,202	
81 Depreciation - modified life assets				
82 Depreciation - alternative depreciation in accordance with CPP				
83 Total depreciation		12,202		11,609

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

(\$000 unless otherwise specified)

86 Asset or assets with changes to depreciation*	87 Reason for non-standard depreciation (text entry)	88 Depreciation charge for the period (RAB)	89 Closing RAB value under 'non-standard' depreciation	90 Closing RAB value under 'standard' depreciation

* include additional rows if needed

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

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
98 Total opening RAB value	21,115	867	39,280	102,812	25,164	37,624	24,154	9,947	2,300	263,264
100 <i>less</i> Total depreciation	860	21	1,387	3,543	1,408	1,694	932	563	1,202	11,609
101 <i>plus</i> Total revaluations	849	35	1,573	4,132	1,002	1,509	971	400	75	10,546
102 <i>plus</i> Assets commissioned	2,094	-	1,482	12,641	847	1,538	989	1,420	1,221	22,231
103 <i>less</i> Asset disposals	-	-	(1)	-	-	90	8	-	293	391
104 <i>plus</i> Lost and found assets adjustment	53	-	(1)	1	-	-	-	-	-	52
105 <i>plus</i> Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	272	272
106 <i>plus</i> Asset category transfers	-	-	-	-	-	-	-	-	-	-
107 Total closing RAB value	23,251	882	40,948	116,043	25,605	38,887	25,173	11,204	2,373	284,366
108 Asset Life										
110 Weighted average remaining asset life	31.5	40.5	28.1	36.0	34.3	27.2	29.0	15.3	6.8	(years)
111 Weighted average expected total asset life	54.1	55.1	44.3	56.5	53.0	45.0	41.7	23.0	4.7	(years)

Company Name **The Lines Company**For Year Ended **31 March 2024****SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE**

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).

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

sch ref

5a(i): Regulatory Tax Allowance			(\$000)
	Regulatory profit / (loss) before tax		15,793
plus	Income not included in regulatory profit / (loss) before tax but taxable		*
	Expenditure or loss in regulatory profit / (loss) before tax but not deductible		*
	Amortisation of initial differences in asset values	4,085	
	Amortisation of revaluations	2,337	
			6,423
less	Total revaluations	10,546	
	Income included in regulatory profit / (loss) before tax but not taxable		*
	Discretionary discounts and customer rebates		
	Expenditure or loss deductible but not in regulatory profit / (loss) before tax		*
	Notional deductible interest	5,903	
			16,449
	Regulatory taxable income		5,767
less	Utilised tax losses		
	Regulatory net taxable income		5,767
	Corporate tax rate (%)	28%	
	Regulatory tax allowance		1,615

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

5a(iii): Amortisation of Initial Difference in Asset Values

(\$000)

	Opening unamortised initial differences in asset values	67,620	
less	Amortisation of initial differences in asset values	4,085	
plus	Adjustment for unamortised initial differences in assets acquired		
less	Adjustment for unamortised initial differences in assets disposed		
	Closing unamortised initial differences in asset values		63,535
	Opening weighted average remaining useful life of relevant assets (years)		17

Company Name **The Lines Company**
 For Year Ended **31 March 2024**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.2

sch ref

44	5a(iv): Amortisation of Revaluations		(\$000)
45			
46	Opening sum of RAB values without revaluations	189,820	
47			
48	Adjusted depreciation	9,271	
49	Total depreciation	11,609	
50	Amortisation of revaluations		2,337
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	(20,927)	
61			
62	plus Tax effect of adjusted depreciation	2,596	
63			
64	less Tax effect of tax depreciation	2,085	
65			
66	plus Tax effect of other temporary differences*	244	
67			
68	less Tax effect of amortisation of initial differences in asset values	1,144	
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	(100)	
73			
74	plus Deferred tax cost allocation adjustment	-	
75			
76	Closing deferred tax		(21,217)
77			
78	5a(vii): Disclosure of Temporary Differences		
79	<i>In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).</i>		
80			
81	5a(viii): Regulatory Tax Asset Base Roll-Forward		
82			(\$000)
83	Opening sum of regulatory tax asset values	69,145	
84	less Tax depreciation	7,448	
85	plus Regulatory tax asset value of assets commissioned	21,838	
86	less Regulatory tax asset value of asset disposals	33	
87	plus Lost and found assets adjustment	52	
88	plus Adjustment resulting from asset allocation	272	
89	plus Other adjustments to the RAB tax value		
90	Closing sum of regulatory tax asset values		83,826

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

5b(i): Summary—Related Party Transactions		(\$000)	(\$000)
7	Total regulatory income		
8			
9			
10	Market value of asset disposals		
11			
12	Service interruptions and emergencies	–	
13	Vegetation management	–	
14	Routine and corrective maintenance and inspection	–	
15	Asset replacement and renewal (opex)	–	
16	Network opex		–
17	Business support	720	
18	System operations and network support - other	–	
19	Non-network solutions provided by a related party or third party	–	
20	Operational expenditure		720
21	Consumer connection	–	
22	System growth	–	
23	Asset replacement and renewal (capex)	–	
24	Asset relocations	–	
25	Quality of supply	–	
26	Legislative and regulatory	–	
27	Other reliability, safety and environment	–	
28	Expenditure on non-network assets		–
29	Expenditure on assets		–
30	Cost of financing		
31	Value of capital contributions		
32	Value of vested assets		
33	Capital Expenditure		–
34	Total expenditure		720
35			
36	Other related party transactions		

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

Name of related party	Nature of opex or capex service provided	Total value of transactions (\$000)
Influx Energy Data Limited	Business support	196
Maru Energy Trust	Business support	200
Directors	Business support	324
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
Total value of related party transactions		720

* include additional rows if needed

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

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

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

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

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

Company Name **The Lines Company**
 For Year Ended **31 March 2024**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

		Value allocated (\$000s)			OVABAA allocation increase (\$000s)
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	
7	5d(i): Operating Cost Allocations				
8					
9					
10	Service interruptions and emergencies				
11	Directly attributable		2,594		
12	Not directly attributable				-
13	Total attributable to regulated service		2,594		
14	Vegetation management				
15	Directly attributable		1,727		
16	Not directly attributable				-
17	Total attributable to regulated service		1,727		
18	Routine and corrective maintenance and inspection				
19	Directly attributable		2,177		
20	Not directly attributable				-
21	Total attributable to regulated service		2,177		
22	Asset replacement and renewal				
23	Directly attributable		365		
24	Not directly attributable				-
25	Total attributable to regulated service		365		
26	Non-network solutions provided by a related party or third party <i>Not required before DY2025</i>				
27	Directly attributable				
28	Not directly attributable				
29	Total attributable to regulated service				
30	System operations and network support				
31	Directly attributable		5,428		
32	Not directly attributable				-
33	Total attributable to regulated service		5,428		
34	Business support				
35	Directly attributable		1,368		
36	Not directly attributable		4,203	1,996	6,199
37	Total attributable to regulated service		5,570		
38					
39	Operating costs directly attributable		13,658		
40	Operating costs not directly attributable	-	4,203	1,996	6,199
41	Operational expenditure		17,861		
42					

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

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

44 Pass through and recoverable costs		(5000)
45 Pass through costs		
46	Directly attributable	202
47	Not directly attributable	343
48	Total attributable to regulated service	545
49 Recoverable costs		
50	Directly attributable	6,405
51	Not directly attributable	
52	Total attributable to regulated service	6,405

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

		(5000)	
		CY-1	Current Year (CY)
56	Change in cost allocation 1		
57	Cost category		
58	Original allocator or line items		
59	New allocator or line items		
60			
61	Rationale for change		
62			
63			

		(5000)	
		CY-1	Current Year (CY)
65	Change in cost allocation 2		
66	Cost category		
67	Original allocator or line items		
68	New allocator or line items		
69			
70	Rationale for change		
71			
72			

		(5000)	
		CY-1	Current Year (CY)
74	Change in cost allocation 3		
75	Cost category		
76	Original allocator or line items		
77	New allocator or line items		
78			
79	Rationale for change		
80			
81			

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

83 † include additional rows if needed

Company Name
For Year Ended

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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
7		
8		
9		
10	Subtransmission lines	
11	Directly attributable	23,251
12	Not directly attributable	
13	Total attributable to regulated service	23,251
14	Subtransmission cables	
15	Directly attributable	882
16	Not directly attributable	
17	Total attributable to regulated service	882
18	Zone substations	
19	Directly attributable	40,948
20	Not directly attributable	
21	Total attributable to regulated service	40,948
22	Distribution and LV lines	
23	Directly attributable	116,043
24	Not directly attributable	
25	Total attributable to regulated service	116,043
26	Distribution and LV cables	
27	Directly attributable	25,605
28	Not directly attributable	
29	Total attributable to regulated service	25,605
30	Distribution substations and transformers	
31	Directly attributable	38,887
32	Not directly attributable	
33	Total attributable to regulated service	38,887
34	Distribution switchgear	
35	Directly attributable	25,173
36	Not directly attributable	
37	Total attributable to regulated service	25,173
38	Other network assets	
39	Directly attributable	11,204
40	Not directly attributable	
41	Total attributable to regulated service	11,204
42	Non-network assets	
43	Directly attributable	1,194
44	Not directly attributable	1,179
45	Total attributable to regulated service	2,373
46		
47	Regulated service asset value directly attributable	283,188
48	Regulated service asset value not directly attributable	1,179
49	Total closing RAB value	284,366
50		

5e(ii): Changes in Asset Allocations* †		(\$000)	
		CY-1	Current Year (CY)
53	Change in asset value allocation 1		
54	Asset category		
55	Original allocator or line items		
56	New allocator or line items		
57			
58	Rationale for change		
59			
60			
61			
62	Change in asset value allocation 2		
63	Asset category		
64	Original allocator or line items		
65	New allocator or line items		
66			
67	Rationale for change		
68			
69			
70			
71	Change in asset value allocation 3		
72	Asset category		
73	Original allocator or line items		
74	New allocator or line items		
75			
76	Rationale for change		
77			
78			

* 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



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

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

sch ref

	(\$000)	(\$000)
7 6a(i): Expenditure on Assets		
8 Consumer connection		2,445
9 System growth		758
10 Asset replacement and renewal		13,724
11 Asset relocations		–
12 Reliability, safety and environment:		
13 Quality of supply	2,319	
14 Legislative and regulatory	–	
15 Other reliability, safety and environment	1,646	
16 Total reliability, safety and environment		3,965
17 Expenditure on network assets		20,891
18 Expenditure on non-network assets		1,797
19		
20 Expenditure on assets		22,689
21 plus Cost of financing		389
22 less Value of capital contributions		1,988
23 plus Value of vested assets		
24		
25 Capital expenditure		21,089
26 6a(ii): Subcomponents of Expenditure on Assets (where known)		(\$000)
27 Energy efficiency and demand side management, reduction of energy losses		
28 Overhead to underground conversion		
29 Research and development		
31 6a(iii): Consumer Connection		
32 Consumer types defined by EDB*	(\$000)	(\$000)
33 Standard: Service Level Urban A	188	
34 Standard: Service Level Rural B	37	
35 Standard: Service Level Rural C	41	
36 Standard: Service Level Rural D	424	
Standard: Service Level Remote Rural E	18	
Standard: Service Level Remote Rural F	4	
37 Non Standard Customer Connection	1,733	
38 * include additional rows if needed		
39 Consumer connection expenditure		2,445
40		
41 less Capital contributions funding consumer connection expenditure	1,988	
42 Consumer connection less capital contributions		456
43 6a(iv): System Growth and Asset Replacement and Renewal		
44	System Growth	Asset Replacement and Renewal
45	(\$000)	(\$000)
46 Subtransmission	1	1,119
47 Zone substations	710	133
48 Distribution and LV lines	8	10,414
49 Distribution and LV cables	38	990
50 Distribution substations and transformers	–	424
51 Distribution switchgear	0	326
52 Other network assets	–	318
53 System growth and asset replacement and renewal expenditure	758	13,724
54 less Capital contributions funding system growth and asset replacement and renewal		
55 System growth and asset replacement and renewal less capital contributions	758	13,724
56		
57 6a(v): Asset Relocations		
58 Project or programme*	(\$000)	(\$000)
59 [Description of material project or programme]	–	
60 [Description of material project or programme]		
61 [Description of material project or programme]		
62 [Description of material project or programme]		
63 [Description of material project or programme]		
64 * include additional rows if needed		
65 All other projects or programmes - asset relocations		
66 Asset relocations expenditure		–
67 less Capital contributions funding asset relocations		
68 Asset relocations less capital contributions		–

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

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

sch ref

69				
70	6a(vi): Quality of Supply			
71	<i>Project or programme*</i>		(\$000)	(\$000)
72	11kV Fdr Dev - Feeder Development		622	
73	11kV Fdr Dev - Switch Automation and Renewal		787	
74	Sub & 33 Dev - 33kV Lines		99	
75	Sub & 33 Dev - Substations		741	
76	Sub & 33 Dev - Supply Points		70	
77	<i>* include additional rows if needed</i>			
78	All other projects programmes - quality of supply			
79	Quality of supply expenditure			2,319
80	less Capital contributions funding quality of supply			
81	Quality of supply less capital contributions			2,319
82	6a(vii): Legislative and Regulatory			
83	<i>Project or programme*</i>		(\$000)	(\$000)
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	[Description of material project or programme]			
89	<i>* include additional rows if needed</i>			
90	All other projects or programmes - legislative and regulatory			
91	Legislative and regulatory expenditure			-
92	less Capital contributions funding legislative and regulatory			
93	Legislative and regulatory less capital contributions			-
94	6a(viii): Other Reliability, Safety and Environment			
95	<i>Project or programme*</i>		(\$000)	(\$000)
96	11kV Cable Renewal Program		83	
97	11kV Fdr Dev - Switchgear for Safety		43	
98	Sub & 33 Dev - Substations		18	
99	Tx & Service Boxes - Capital Pillar Boxes		19	
100	Tx & Service Boxes - GMT		1,021	
101	<i>* include additional rows if needed</i>			
102	All other projects or programmes - other reliability, safety and environment		464	
103	Other reliability, safety and environment expenditure			1,646
104	less Capital contributions funding other reliability, safety and environment			
105	Other reliability, safety and environment less capital contributions			1,646
106				
107	6a(ix): Non-Network Assets			
108	Routine expenditure			
109	<i>Project or programme*</i>		(\$000)	(\$000)
110	Buildings		85	
111	Computers		145	
112	EV Chargers		41	
113	Furniture & Fittings		7	
114	Intangibles		514	
115	Motor Vehicles		359	
116	Office equipment		60	
117	Plant		10	
118	<i>* include additional rows if needed</i>			
119	All other projects or programmes - routine expenditure			
120	Routine expenditure			1,221
121	Atypical expenditure			
122	<i>Project or programme*</i>		(\$000)	(\$000)
123	Eng & Asset Capital - Building Re-structure		58	
124	Eng & Asset Capital - Data Systems		518	
125				
126				
127	<i>* include additional rows if needed</i>			
128	All other projects or programmes - atypical expenditure			
129	Atypical expenditure			576
130	Expenditure on non-network assets			1,797

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The Lines Company

For Year Ended

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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

		(\$000)	(\$000)
7	6b(i): Operational Expenditure <i>Required for DY2024 and DY2025 only</i>		
8	Service interruptions and emergencies	2,594	
9	Vegetation management	1,727	
10	Routine and corrective maintenance and inspection	2,177	
11	Asset replacement and renewal	365	
12	Network opex		6,863
13	Non-network solutions provided by a related party or third party <i>Required for DY2025 only</i>		
14	System operations and network support	5,428	
15	Business support	5,570	
16	Non-network opex		10,998
17			
18	Operational expenditure		17,861

		(\$000)	(\$000)
19	6b(i): Operational Expenditure <i>Not Required before DY2026</i>		
20	Service interruptions and emergencies:		
21	Vegetation-related		
22	Other		
23	Total service interruptions and emergencies		
24	Vegetation management:		
25	Assessment and notification costs		
26	Felling or trimming vegetation - in-zone		
27	Felling or trimming vegetation - out-of-zone		
28	Other		
29	Total vegetation management		
30			
31	Routine and corrective maintenance and inspection:		
32	Asset replacement and renewal		

Company Name

The Lines Company

For Year Ended

31 March 2024

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 (i): Revenue		Target (\$000) ¹	Actual (\$000)	% variance
7				
8	Line charge revenue	41,926	41,625	(1%)
7 (ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
9				
10	Consumer connection	4,124	2,445	(41%)
11	System growth	150	758	405%
12	Asset replacement and renewal	11,985	13,724	15%
13	Asset relocations	203	–	(100%)
14	Reliability, safety and environment:			
15	Quality of supply	2,102	2,319	10%
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	3,760	1,646	(56%)
18	Total reliability, safety and environment	5,862	3,965	(32%)
19	Expenditure on network assets	22,324	20,891	(6%)
20	Expenditure on non-network assets	2,528	1,797	(29%)
21	Expenditure on assets	24,851	22,689	(9%)
7 (iii): Operational Expenditure				
22				
23	Service interruptions and emergencies	1,968	2,594	32%
24	Vegetation management	1,650	1,727	5%
25	Routine and corrective maintenance and inspection	1,812	2,177	20%
26	Asset replacement and renewal	584	365	(38%)
27	Network opex	6,014	6,863	14%
28	Non-network solutions provided by a related party or third party <i>Not Required before DY2025</i>	–	–	–
29	System operations and network support	2,930	5,428	85%
30	Business support	6,893	5,570	(19%)
31	Non-network opex	9,824	10,998	12%
32	Operational expenditure	15,838	17,861	13%
7 (iv): Subcomponents of Expenditure on Assets (where known)				
33				
34	Energy efficiency and demand side management, reduction of energy losses	–	–	–
35	Overhead to underground conversion	–	–	–
36	Research and development	–	–	–
37				
7 (v): Subcomponents of Operational Expenditure (where known)				
38				
39	Energy efficiency and demand side management, reduction of energy losses	–	10	–
40	Direct billing	–	–	–
41	Research and development	–	–	–
42	Insurance	451	467	4%
43				

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

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

SCHEDULE B: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule provides the billed quantities and line charge revenues for each year (2022-2024) under the EDR in billing subsection. Information is only required for the number of CPNs for the included in each sub-network or sub-network code, which is included in the CPN table. The page break of this schedule is based on the number of CPNs for the included in each sub-network or sub-network code, which is included in the CPN table. The page break of this schedule is based on the number of CPNs for the included in each sub-network or sub-network code, which is included in the CPN table.

Year	Sub-Network	CPN	CPN Description	2022	2023	2024	2022	2023	2024
1001	Sub-Network 1	1001	CPN 1001	1	1	1	1	1	1
1002	Sub-Network 1	1002	CPN 1002	1	1	1	1	1	1
1003	Sub-Network 1	1003	CPN 1003	1	1	1	1	1	1
1004	Sub-Network 1	1004	CPN 1004	1	1	1	1	1	1
1005	Sub-Network 1	1005	CPN 1005	1	1	1	1	1	1
1006	Sub-Network 1	1006	CPN 1006	1	1	1	1	1	1
1007	Sub-Network 1	1007	CPN 1007	1	1	1	1	1	1
1008	Sub-Network 1	1008	CPN 1008	1	1	1	1	1	1
1009	Sub-Network 1	1009	CPN 1009	1	1	1	1	1	1
1010	Sub-Network 1	1010	CPN 1010	1	1	1	1	1	1
1011	Sub-Network 1	1011	CPN 1011	1	1	1	1	1	1
1012	Sub-Network 1	1012	CPN 1012	1	1	1	1	1	1
1013	Sub-Network 1	1013	CPN 1013	1	1	1	1	1	1
1014	Sub-Network 1	1014	CPN 1014	1	1	1	1	1	1
1015	Sub-Network 1	1015	CPN 1015	1	1	1	1	1	1
1016	Sub-Network 1	1016	CPN 1016	1	1	1	1	1	1
1017	Sub-Network 1	1017	CPN 1017	1	1	1	1	1	1
1018	Sub-Network 1	1018	CPN 1018	1	1	1	1	1	1
1019	Sub-Network 1	1019	CPN 1019	1	1	1	1	1	1
1020	Sub-Network 1	1020	CPN 1020	1	1	1	1	1	1
1021	Sub-Network 1	1021	CPN 1021	1	1	1	1	1	1
1022	Sub-Network 1	1022	CPN 1022	1	1	1	1	1	1
1023	Sub-Network 1	1023	CPN 1023	1	1	1	1	1	1
1024	Sub-Network 1	1024	CPN 1024	1	1	1	1	1	1
1025	Sub-Network 1	1025	CPN 1025	1	1	1	1	1	1
1026	Sub-Network 1	1026	CPN 1026	1	1	1	1	1	1
1027	Sub-Network 1	1027	CPN 1027	1	1	1	1	1	1
1028	Sub-Network 1	1028	CPN 1028	1	1	1	1	1	1
1029	Sub-Network 1	1029	CPN 1029	1	1	1	1	1	1
1030	Sub-Network 1	1030	CPN 1030	1	1	1	1	1	1
1031	Sub-Network 1	1031	CPN 1031	1	1	1	1	1	1
1032	Sub-Network 1	1032	CPN 1032	1	1	1	1	1	1
1033	Sub-Network 1	1033	CPN 1033	1	1	1	1	1	1
1034	Sub-Network 1	1034	CPN 1034	1	1	1	1	1	1
1035	Sub-Network 1	1035	CPN 1035	1	1	1	1	1	1
1036	Sub-Network 1	1036	CPN 1036	1	1	1	1	1	1
1037	Sub-Network 1	1037	CPN 1037	1	1	1	1	1	1
1038	Sub-Network 1	1038	CPN 1038	1	1	1	1	1	1
1039	Sub-Network 1	1039	CPN 1039	1	1	1	1	1	1
1040	Sub-Network 1	1040	CPN 1040	1	1	1	1	1	1
1041	Sub-Network 1	1041	CPN 1041	1	1	1	1	1	1
1042	Sub-Network 1	1042	CPN 1042	1	1	1	1	1	1
1043	Sub-Network 1	1043	CPN 1043	1	1	1	1	1	1
1044	Sub-Network 1	1044	CPN 1044	1	1	1	1	1	1
1045	Sub-Network 1	1045	CPN 1045	1	1	1	1	1	1
1046	Sub-Network 1	1046	CPN 1046	1	1	1	1	1	1
1047	Sub-Network 1	1047	CPN 1047	1	1	1	1	1	1
1048	Sub-Network 1	1048	CPN 1048	1	1	1	1	1	1
1049	Sub-Network 1	1049	CPN 1049	1	1	1	1	1	1
1050	Sub-Network 1	1050	CPN 1050	1	1	1	1	1	1
1051	Sub-Network 1	1051	CPN 1051	1	1	1	1	1	1
1052	Sub-Network 1	1052	CPN 1052	1	1	1	1	1	1
1053	Sub-Network 1	1053	CPN 1053	1	1	1	1	1	1
1054	Sub-Network 1	1054	CPN 1054	1	1	1	1	1	1
1055	Sub-Network 1	1055	CPN 1055	1	1	1	1	1	1
1056	Sub-Network 1	1056	CPN 1056	1	1	1	1	1	1
1057	Sub-Network 1	1057	CPN 1057	1	1	1	1	1	1
1058	Sub-Network 1	1058	CPN 1058	1	1	1	1	1	1
1059	Sub-Network 1	1059	CPN 1059	1	1	1	1	1	1
1060	Sub-Network 1	1060	CPN 1060	1	1	1	1	1	1
1061	Sub-Network 1	1061	CPN 1061	1	1	1	1	1	1
1062	Sub-Network 1	1062	CPN 1062	1	1	1	1	1	1
1063	Sub-Network 1	1063	CPN 1063	1	1	1	1	1	1
1064	Sub-Network 1	1064	CPN 1064	1	1	1	1	1	1
1065	Sub-Network 1	1065	CPN 1065	1	1	1	1	1	1
1066	Sub-Network 1	1066	CPN 1066	1	1	1	1	1	1
1067	Sub-Network 1	1067	CPN 1067	1	1	1	1	1	1
1068	Sub-Network 1	1068	CPN 1068	1	1	1	1	1	1
1069	Sub-Network 1	1069	CPN 1069	1	1	1	1	1	1
1070	Sub-Network 1	1070	CPN 1070	1	1	1	1	1	1
1071	Sub-Network 1	1071	CPN 1071	1	1	1	1	1	1
1072	Sub-Network 1	1072	CPN 1072	1	1	1	1	1	1
1073	Sub-Network 1	1073	CPN 1073	1	1	1	1	1	1
1074	Sub-Network 1	1074	CPN 1074	1	1	1	1	1	1
1075	Sub-Network 1	1075	CPN 1075	1	1	1	1	1	1
1076	Sub-Network 1	1076	CPN 1076	1	1	1	1	1	1
1077	Sub-Network 1	1077	CPN 1077	1	1	1	1	1	1
1078	Sub-Network 1	1078	CPN 1078	1	1	1	1	1	1
1079	Sub-Network 1	1079	CPN 1079	1	1	1	1	1	1
1080	Sub-Network 1	1080	CPN 1080	1	1	1	1	1	1
1081	Sub-Network 1	1081	CPN 1081	1	1	1	1	1	1
1082	Sub-Network 1	1082	CPN 1082	1	1	1	1	1	1
1083	Sub-Network 1	1083	CPN 1083	1	1	1	1	1	1
1084	Sub-Network 1	1084	CPN 1084	1	1	1	1	1	1
1085	Sub-Network 1	1085	CPN 1085	1	1	1	1	1	1
1086	Sub-Network 1	1086	CPN 1086	1	1	1	1	1	1
1087	Sub-Network 1	1087	CPN 1087	1	1	1	1	1	1
1088	Sub-Network 1	1088	CPN 1088	1	1	1	1	1	1
1089	Sub-Network 1	1089	CPN 1089	1	1	1	1	1	1
1090	Sub-Network 1	1090	CPN 1090	1	1	1	1	1	1
1091	Sub-Network 1	1091	CPN 1091	1	1	1	1	1	1
1092	Sub-Network 1	1092	CPN 1092	1	1	1	1	1	1
1093	Sub-Network 1	1093	CPN 1093	1	1	1	1	1	1
1094	Sub-Network 1	1094	CPN 1094	1	1	1	1	1	1
1095	Sub-Network 1	1095	CPN 1095	1	1	1	1	1	1
1096	Sub-Network 1	1096	CPN 1096	1	1	1	1	1	1
1097	Sub-Network 1	1097	CPN 1097	1	1	1	1	1	1
1098	Sub-Network 1	1098	CPN 1098	1	1	1	1	1	1
1099	Sub-Network 1	1099	CPN 1099	1	1	1	1	1	1
1100	Sub-Network 1	1100	CPN 1100	1	1	1	1	1	1

Company Name	The Lines Company
For Year Ended	31 March 2024
Network / Sub-network Name	

SCHEDULE 9a: ASSET REGISTER

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

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9a: Asset Register

					Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	Voltage	Asset category	Asset class	Units				
9	All	Overhead Line	Concrete poles / steel structure	No.	24,922	25,444	522	3
10	All	Overhead Line	Wood poles	No.	10,041	9,917	(124)	2
11	All	Overhead Line	Other pole types	No.	-	-	-	N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	437	434	(3)	2
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	15	15	-	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
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.	25	25	-	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.	1	1	-	3
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	203	203	-	3
29	HV	Zone substation switchgear	33kV RMU	No.	14	22	8	3
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	N/A
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	75	76	1	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	69	61	(8)	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	52	51	(1)	3
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	47	47	-	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,154	2,165	11	2
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
37	HV	Distribution Line	SWER conductor	km	938	936	(2)	2
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	202	203	1	2
39	HV	Distribution Cable	Distribution UG PILC	km	-	-	-	N/A
40	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	285	280	(5)	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	3	3	-	3
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	7,627	7,689	62	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	80	80	-	3
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	356	374	18	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	5,053	5,078	25	2
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	593	597	4	3
48	HV	Distribution Transformer	Voltage regulators	No.	41	40	(1)	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	N/A
50	LV	LV Line	LV OH Conductor	km	488	497	9	2
51	LV	LV Cable	LV UG Cable	km	192	194	2	2
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	79	78	(1)	2
53	LV	Connections	OH/UG consumer service connections	No.	4,235	4,265	30	2
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	317	336	19	3
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1,123	1,177	54	3
56	All	Capacitor Banks	Capacitors including controls	No.	12	10	(2)	4
57	All	Load Control	Centralised plant	Lot	14	14	-	3
58	All	Load Control	Relays	No.	5,813	5,813	-	3
59	All	Civils	Cable Tunnels	km	-	-	-	N/A

Company Name
For Year Ended
Network / Sub-network Name

The Lines Company
31 March 2024

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.

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9b: Asset Age Profile		Number of assets at disclosure year end by installation date																												Items at end of year												
8	Disclosure Year (year ended)																													No. with age	year	No. with default	Data accuracy									
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	unknown	equity	dates	(1-4)	
10	All	Overhead Line	Concrete poles / steel structure	No.	30	394	2,671	3,802	3,448	5,121	2,096	30	175	64	122	287	124	221	334	87	283	381	379	395	608	373	548	499	531	457	471	504	638	395	387	851	25,444	12,674	3			
11	All	Overhead Line	Wood poles	No.	1	61	721	1,458	1,088	1,903	3,350	185	160	33	165	141	216	63	142	54	157	148	131	123	157	166	265	288	172	86	97	28	24	50	48	215	9,937	5,620	2			
12	All	Overhead Line	Other pole types	No.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	--	--	141	45	139	13	4	1	2	0	0	0	7	4	7	0	2	1	--	0	0	1	0	--	--	2	0	0	--	--	--	--	23	434	288	2		
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	--	--	--	0	0	1	0	--	0	--	--	--	--	--	0	1	1	1	0	0	--	0	0	0	0	0	1	0	0	1	--	--	15	2	3	N/A		
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	--	--	3	5	1	1	--	--	--	--	--	--	--	--	3	--	--	--	1	2	--	1	2	1	--	1	1	--	3	--	--	25	--	4	--			
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	--	--	18	24	10	7	15	--	4	4	2	7	3	8	8	2	5	2	4	1	--	8	3	6	4	11	8	12	3	11	5	6	203	63	3	--		
30	HV	Zone substation switchgear	33kV RMU	No.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	--	--	1	2	4	--	2	--	--	--	3	--	2	--	1	3	3	7	7	2	3	2	5	1	3	6	7	4	1	1	--	1	--	76	9	3	--	
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	--	--	4	18	--	13	--	--	--	--	2	--	1	--	2	--	1	--	2	--	1	--	--	--	2	1	--	12	--	--	--	--	--	61	28	3	--	
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	--	--	1	5	6	2	4	--	9	1	10	6	--	--	--	--	--	--	1	--	1	--	1	--	1	1	--	1	--	1	--	--	--	51	20	3	--	
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	--	--	1	15	5	1	4	--	--	--	2	2	--	--	--	4	--	1	2	--	1	1	--	1	--	2	--	2	--	2	--	1	--	47	23	4	--	
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1	68	263	583	343	558	113	12	16	2	1	7	11	10	46	7	97	9	2	4	2	5	1	13	9	3	11	12	13	1	4	4	17	2,165	1,470	2	--	
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
38	HV	Distribution Line	SWER conductor	km	1	45	293	248	102	163	53	1	4	3	1	1	0	--	0	1	1	0	1	0	1	2	3	1	1	2	2	1	1	1	1	3	936	685	2	--		
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km	--	--	1	3	27	34	24	1	1	1	4	14	3	4	4	11	11	7	6	8	4	4	4	3	6	2	3	3	1	5	6	5	1	(3)	203	71	2	--
40	HV	Distribution Cable	Distribution UG PILC	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
41	HV	Distribution Cable	Distribution Submarine Cable	km	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionaliser	No.	--	--	6	46	13	9	10	--	--	--	--	1	7	3	1	5	--	1	9	2	9	12	11	6	13	18	11	20	13	25	14	5	12	280	64	3	--	
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
44	HV	Distribution switchgear	3.3/6.6/11/22kV switches and fuses (pole mounted)	No.	--	3	156	623	955	1,705	626	22	83	120	106	82	40	22	39	70	186	91	159	184	266	300	324	254	241	181	226	164	138	122	91	100	7,689	3,307	2	--		
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	--	--	1	6	--	6	--	--	--	--	5	3	5	--	--	12	4	6	6	4	2	4	1	--	--	--	--	--	--	--	--	--	--	80	14	3	--	
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	--	--	3	15	27	5	--	--	--	--	18	10	13	17	15	9	32	28	21	12	17	7	30	14	15	36	11	20	--	--	--	574	28	3	--			
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	--	23	97	521	1,330	541	27	88	104	119	90	62	99	68	92	139	157	156	117	104	112	115	124	102	97	118	75	89	95	104	83	5,078	2,135	2	--			
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	--	--	8	50	111	30	2	8	11	12	5	9	11	12	14</																							

Company Name	The Lines Company
For Year Ended	31 March 2024
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

9 **9c: Overhead Lines and Underground Cables**

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45
46
47
48
49
50

Circuit length by operating voltage (at year end)

	Overhead (km)	Underground (km)	Total circuit length (km)
> 66kV	–	–	–
50kV & 66kV	–	–	–
33kV	434	15	449
SWER (all SWER voltages)	936	–	936
22kV (other than SWER)	–	–	–
6.6kV to 11kV (inclusive—other than SWER)	2,165	203	2,368
Low voltage (< 1kV)	497	194	691
Total circuit length (for supply)	4,031	412	4,443
Dedicated street lighting circuit length (km)	30	48	78
Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			598

Overhead circuit length by terrain (at year end)

Circuit length (km)	(% of total overhead length)
Urban	479 12%
Rural	2,928 73%
Remote only	241 6%
Rugged only	292 7%
Remote and rugged	90 2%
Unallocated overhead lines	0 0%
Total overhead length	4,031 100%

Length of circuit within 10km of coastline or geothermal areas (where known)

Circuit length (km)	(% of total circuit length)
238	5%

Overhead circuit requiring vegetation management

Circuit length (km)	(% of total overhead length)	
598	15%	Not required after DY2025

Number of overhead circuit sites at high risk from vegetation damage

Total newly identified throughout the disclosure year	Total remaining at high risk at the disclosure year-end	
		Not required before DY2026

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

Category of overhead circuit site	Number of overhead circuit sites at high risk from vegetation damage at disclosure year-end	Number of overhead circuit sites involving critical assets at disclosure year-end
[Single tree]		
[Single tree - Urban]		
[Single tree - Rural]		
[Row of trees]		
[Span between two poles (X metres)]		
[Other]		
Total number of sites	–	–

Not required before DY2026
Not required before DY2026
Not required before DY2026
Not required before DY2026
Not required before DY2026
Not required before DY2026
Not required before DY2026

* Insert new rows in table above Total line as necessary

Company Name	The Lines Company
For Year Ended	31 March 2024
Network / Sub-network Name	

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref

8	9e(i): Consumer Connections and Decommissionings	
9	Number of ICPs connected during year by consumer type	
10		Number of connections (ICPs)
11	Consumer types defined by EDB*	
12	Residential	115
13	General	58
14	Dairy	-
15	Temporary Accommodation	30
16	Unmetered Load	-
17	Capacity and Dedicated Asset	3
18	* include additional rows if needed	
19	Connections total	206
20	Number of ICPs decommissioned during year by consumer type	
21		Number of decommissionings
22	Consumer types defined by EDB*	
23	Residential	14
24	General	31
25	Dairy	1
26	Temporary Accommodation	4
27	Unmetered Load	1
28	Capacity and Dedicated Asset	3
29	* include additional rows if needed	
30	Decommissionings total	54
31	Distributed generation	
32	Number of connections made in year	78 connections
33	Capacity of distributed generation installed in year	0.50 MVA
34		
35	9e(ii): System Demand	
36		Demand at time of maximum coincident demand (MW)
37	Maximum coincident system demand	
38	GXP demand	60
39	plus Distributed generation output at HV and above	15
40	Maximum coincident system demand	75
41	less Net transfers to (from) other EDBs at HV and above	-
42	Demand on system for supply to consumers' connection points	75
43		Energy (GWh)
44	Electricity volumes carried	
45	Electricity supplied from GXPs	308
46	less Electricity exports to GXPs	4
47	plus Electricity supplied from distributed generation	76
48	less Net electricity supplied to (from) other EDBs	(18)
49	Electricity entering system for supply to consumers' connection points	398
50	less Total energy delivered to ICPs	369
51	Electricity losses (loss ratio)	29 7.3%
52	Load factor	0.60
53	9e(iii): Transformer Capacity	
54		(MVA)
55	Distribution transformer capacity (EDB owned)	265
56	Distribution transformer capacity (Non-EDB owned)	12
57	Total distribution transformer capacity	276
58		(MVA)
59	Zone substation transformer capacity (EDB owned)	235
60	Zone substation transformer capacity (Non-EDB owned)	-
61	Total zone substation transformer capacity	235

Company Name	The Lines Company
For Year Ended	31 March 2024
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

This schedule requires a summary of the key measures of network reliability (interruptions, SAIFI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network

sch ref

8	10(i): Interruptions		
9	Interruptions by class	Number of interruptions	
10	Class A (planned interruptions by Transpower)	8	
11	Class B (planned interruptions on the network)	296	
12	Class C (unplanned interruptions on the network)	684	
13	Class D (unplanned interruptions by Transpower)	2	
14	Class E (unplanned interruptions of EDB owned generation)	–	
15	Class F (unplanned interruptions of generation owned by others)	2	
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)	83	
19	Total	1,075	
20			
21	Interruption restoration	≤3Hrs	>3hrs
22	Class C interruptions restored within	442	242
23			
24	SAIFI and SAIDI by class	SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	0.1815	1.50
26	Class B (planned interruptions on the network)	0.5154	152.97
27	Class C (unplanned interruptions on the network)	2.2937	196.26
28	Class D (unplanned interruptions by Transpower)	0.0837	2.02
29	Class E (unplanned interruptions of EDB owned generation)	–	–
30	Class F (unplanned interruptions of generation owned by others)	0.0979	1.74
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)	0.0760	21.55
34	Total	3.2482	376.04
35			
36	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	2.8091	339.93
38			<i>Not required after DY2024</i>
39	Transitional SAIFI and SAIDI (previous method)	SAIFI	SAIDI
40	Class B (planned interruptions on the network)	0.5050	152.97
41	Class C (unplanned interruptions on the network)	2.1574	196.26
42			
43	<p>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.</p>		

Company Name	The Lines Company
For Year Ended	31 March 2024
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network

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

Cause	SAIFI	SAIDI	
Lightning	0.0520	4.62	
Vegetation	0.3327	36.36	
Adverse weather	0.2640	36.69	
Adverse environment	0.0105	0.70	
Third party interference	0.2609	33.73	
Wildlife	0.1640	10.26	
Human error	0.0652	0.96	
Defective equipment	0.4144	41.03	
Cause unknown	0.7299	31.92	Not required after DY2024
Other cause			Not required before DY2025
Unknown			Not required before DY2025

Breakdown of third party interference

	SAIFI	SAIDI
Dig-in	0.0002	0.03
Overhead contact	0.0674	5.98
Vandalism	0.0223	3.41
Vehicle damage	0.1339	23.71
Other	0.0372	0.61

Breakdown of vegetation interruptions (vegetation cause)

	SAIFI	SAIDI	
In-zone			Not required before DY2026
Out-of-zone			Not required before DY2026

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

Main equipment involved

	SAIFI	SAIDI
Subtransmission lines	0.0088	2.28
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.5067	150.69
Distribution cables (excluding LV)	–	–
Distribution other (excluding LV)	–	–

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

Main equipment involved

	SAIFI	SAIDI
Subtransmission lines	0.6089	19.24
Subtransmission cables	0.0177	0.80
Subtransmission other	–	–
Distribution lines (excluding LV)	1.6428	174.29
Distribution cables (excluding LV)	0.0243	1.93
Distribution other (excluding LV)	–	–

10(v): Fault Rate

Main equipment involved

	Number of Faults	(km)	per 100km
Subtransmission lines	24	434	5.53
Subtransmission cables	1	15	6.51
Subtransmission other	–	–	–
Distribution lines (excluding LV)	655	3,101	21.12
Distribution cables (excluding LV)	4	203	1.97
Distribution other (excluding LV)	–	–	–
Total	684		

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.

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10(vi): Worst-performing feeders (unplanned) *Not required before DY2025*

SAIDI							
Rank	Feeder name	Unplanned SAIDI values	Number of Unplanned Interruptions	Most Common Cause of Unplanned Interruptions	Circuit Length of Feeder	Number of ICs	% of Feeder Overhead (optional)
1							
2							
3							
4							

¹ Extend table as necessary to disclose all worst-performing feeders

SAIFI							
Rank	Feeder name	Unplanned SAIFI values	Number of Unplanned Interruptions	Most Common Cause of Unplanned Interruptions	Circuit Length of Feeder	Number of ICs	% of Feeder Overhead (optional)
1							
2							
3							
4							

¹ Extend table as necessary to disclose all worst-performing feeders

Customer Impact							
Rank	Feeder name	Customer Impact Ratio	Number of Unplanned Interruptions	Most Common Cause of Unplanned Interruptions	Circuit Length of Feeder	Number of ICs	% of Feeder Overhead (optional)
1							
2							
3							
4							

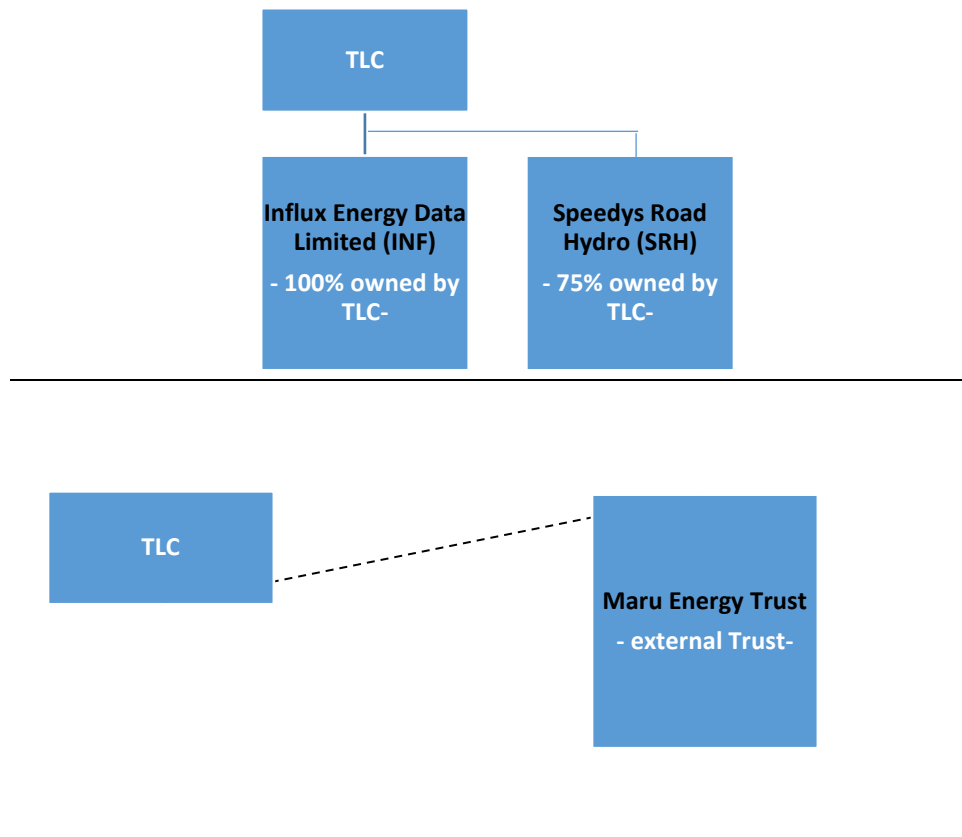
¹ Extend table as necessary to disclose all worst-performing feeders

Company Name	<u>The Lines Company</u>
For Year Ended	<u>31 March 2024</u>

APPENDIX A – AUDITED SCHEDULES

Clause 2.3.8 (1) – (3)

Related party structure



Influx Energy Data Limited (INF)

Influx Energy Data Limited Limited was a 100% owned subsidiary specialising in the supply of metering equipment, data and associated services to retailers, developers and lines companies throughout New Zealand. INF is responsible for supplying all meters on our network.

Influx was sold on the 30th June 2024

1. Data Subscription Services - \$181k
2. Meter Lease Charges - \$9k
3. Field Services - \$6k

Maru Energy Trust

TLC supports the Maru Energy Trust via an annual donation. Maru Energy Trust is a not-for-profit charitable trust to assist families in energy saving measures to heat their homes. TLC has no ownership in the trust. Mike Fox CE of TLC is a trustee of Maru Energy Trust.

Speedys Road Hydro (SRH)

TLC owned a 75% stake in Speedy's Road Hydro Ltd. SRH previously generated electricity from a hydro scheme on the North Island. This Hydro scheme is on the TLC's Network. The generation assets were sold in July 2021. The company was removed from the companies register on the 3 August 2023.

Directors

TLC has six directors that are key management personnel and have authority and responsibility for planning, directing and controlling the activities of TLC.

Clause 2.3.12(1)

Name of related party	Nature of opex or capex services provided	Total value of transactions (\$'000)	Revenue/Cost implication
INF	Data Subscription Services, Meter Lease Charges and Field Services	196	Cost
		196	
TLC	Donations to Maru Energy Trust	200	Cost
		200	
SRH	No services provided due to Company selling all assets and now removed from the companies register	Nil	N/A
		0	
Directors	Directors fees	324	Cost
		324	

Company Name	<u>The Lines Company</u>
For Year Ended	<u>31 March 2024</u>

Schedule 14 Mandatory Explanatory Notes

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 ROI-comparable to a post-tax WACC has decreased to 4.99% (2023: 9.15%) in the current regulatory year. This is a decrease of 4.16%. The decrease in revenue of \$0.7k and the increase in operational expenditure of \$2m has significantly decreased ROI.

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

Regulatory profit for the year ended 31 March 2024 was \$14m. This represents a decrease of \$8m from the previous year (31 March 2023 – \$22m). The revaluation amount allocated to regulated profit totalled \$10.5m being a decrease of \$6m compared to the prior year. The revaluation decrease is due to the CPI reducing from 6.65% to 4.02%.

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

Not applicable.

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 (schedule 4) has been completed in accordance with the Commerce Commission's requirements.

The revaluation of the RAB has resulted in an impact of \$10.5m which is due to the CPI of 4.02%. The revaluation has decreased compare to the prior year by \$6m due CPI reducing from 6.65% to 4.02%.

There has been no change to the methodology of allocating non-network assets compared to the prior 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

Not applicable.

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)

Negative Temporary Differences (Gross values):

- Opening accrued annual leave accrual - \$297k
- Opening long service leave accrual - \$25k
- Opening bad debt provision - \$158k
- Opening unrecognised capital contributions - (\$998)
- Total negative Temporary Differences – (\$517k)

Positive Temporary Differences (Gross values):

- Closing accrued annual leave accrual - \$433k
- Closing long service leave accrual - \$25k
- Closing bad debt provision - \$724k
- Closing unrecognised capital contributions - (\$829k)
- Total positive Temporary Differences - \$352k

Net POSITIVE temporary differences are \$870k, with a tax effect of \$244k.

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

Directly attributable costs include each TLC division or part thereof which has any regulatory business transactions, and each general ledger cost code that is allocated 100% to the regulatory business.

Directly attributable costs are primarily incurred in the functional areas of:

- Service interruptions and emergencies
- Vegetation management
- Routine and corrective maintenance and inspection
- Asset replacement and renewal
- Network operations and support
- Customer Services

- Regulatory Cost
- Connection/Disconnection expenses

TLC has opted to apply ABAA (Accounting based allocation approach) to allocate those operating costs not directly attributable to the regulatory business. The proxy allocation method was used to allocate operating costs for which a causal relationship cannot be established. The methodology behind the use of each proxy allocator is based on an analysis of each general ledger cost code that is not directly attributable to the regulatory business.

Not directly attributable costs primarily arise in the functional support areas of:

- Corporate Services which has a proxy cost allocator of total revenue
- Finance which has a proxy cost allocator of staff time
- Human Resources has a proxy allocator of headcount
- Information Technology has a proxy allocator of IT headcount
- Building (Head office) has a proxy allocator of headcount
- Public relations has a proxy allocator of staff time
- Future Energy has a proxy allocator of staff time

The not directly attributable cost included in business support includes the following main cost categories below:

- Personnel costs
- Property costs
- Professional services fees
- Customer-related expenses

Cost allocations are based on the same logic as the 2023 disclosure.

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

Directly attributable assets are those assets used wholly and solely in the conveyance of electricity or management of the electricity network. These have been allocated at 100% to the RAB.

TLC has opted to apply ABAA (Accounting based allocation approach) to allocate those assets not directly attributable to the regulatory business. The proxy allocation method was used to allocate operating costs for which a causal relationship cannot be established. The methodology behind the use of each proxy allocator is based on an analysis of each general ledger cost code that is not directly attributable to the regulatory business.

Not directly attributable costs primarily arise in the functional support areas of:

- Corporate Services which has a proxy cost allocator of total revenue
- Finance which has a proxy cost allocator of staff time
- Human Resources has a proxy allocator of headcount
- Information Technology has a proxy allocator of IT headcount
- Building (Head office) has a proxy allocator of headcount
- Public relations has a proxy allocator of staff time
- Future Energy has a proxy allocator of staff time

Not directly attributable assets are non-system assets which include the following:

- Buildings
- Plant/Vehicles/Equipment
- Office Equipment & Furniture
- IT Equipment and Software
- Intangibles (leaseholds, easements, etc.)

The methodology for asset allocations for non-direct assets has not been changed compared to the prior 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

Schedule 6a projects and programmes are taken from the AMP Planning tools in the Asset Management software. They are summarised figures based on individual planning items excluding the small projects.

There is no materiality threshold applied to identify material projects and programmes described in Schedule 6a

There has been no financial reclassification of items.

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

Network operational expenditure is consistent in type with respect to routine system and network maintenance carried out.

There has been no financial reclassification of items.

There has been no atypical expenditure incurred.

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

Total expenditure on assets for the period was 9% (\$2.2m) below the AMP forecast. The main contributor to this decrease is due to customer connections (\$1.7m). One significant customer has become insolvent reducing expected capital expenditure on customer connections.

Network capital expenditure was 6% below forecast due to the following:

Consumer Connections

Expenditure on customer connections before capital contributions was 41% below the forecast (\$1.7m). A significant customer has become insolvent, resulting in the need to change forecast investments. Customer connections after capital contributions results in a negative variance of \$92k, when considering AMP forecast capital contributions of \$3.8m.

System growth

System growth was 405% above forecast (\$608k). Previously deferred work on the Arohena & Kaahu Tee transformer upgrades were able to be undertaken with substantially more than expected progress due to internal resources becoming available.

Asset Replacement and Renewal

Expenditure on asset replacement and renewal was 15% above forecast (\$1.7m). Multiple line renewal projects were outsourced to alleviate resource constraints and several previously deferred projects were completed, significantly reducing prior year WIP balances in this category.

Asset Relocations

Expenditure on asset relocations was 100% below forecast (\$203k). Relocated assets expenditure forecasted was deferred due to project prioritisation.

Quality of supply

Quality of supply spending was 10% above forecast (\$217k). The previously deferred Kuratau Feeder reconfiguration has progressed along with the Taharoa zone substation.

Other reliability, safety and environment

Expenditure on other reliability, safety and environment was 56% below forecast (\$2.1m). A 5MVA Mobile Substation was originally intended to be purchased The business case has highlighted that lower cost options might exist to address the issues. As a result, the potential procurement of the mobile sub-station was cancelled.

The Turangi zone-sub security of supply is below forecast due to landowner consent delays and long lead time of critical equipment.

Non-network expenditure

Expenditure was 29% below forecast (\$731k). This was due to forecast expenditure of \$1m on The Digital Utility Program relating to the ADMS. As this is a significant IT project, investigative work has begun but less than forecast spend occurred in 2024 and projects have delayed into RY2025.

OPERATIONAL EXPENDITURE

Total operational expenditure was 13% more than the forecast.

Network OPEX was 14% more than the forecast. Increased spend was seen across most network categories.

Service interruptions and emergencies

Service and interruptions and emergencies saw an increase of 32% compared to the AMP. Cost increases partially pertain to residual Cyclone Gabrielle costs impacting the network. This category included a large bad debt provision.

Asset replacement and renewal

Asset replacement and renewal costs were below forecast by 38% mainly due to an increased maintenance program focus.

Routine and corrective maintenance and inspection

Routine maintenance costs were above forecast by 20% (\$365k) due to an increased maintenance program focus.

Non-network OPEX

This expenditure was up by 12% compared to the overall forecast. There was a reallocation of network IT support charges between system operations and network support and business support costs. These costs were budgeted in business support in the AMP but reallocated in the actuals as a network system support cost. If the figures were entered into the correct categories, the variances would look like this.

Category	AMP (\$000)	Actual (\$000)	Variance %
System operations and network support	3,380	5,428	61%
Business support	6,443	5,570	(14%)

System operations and network support

System operations and network support have increased by 61% (\$2.1m). From 1 April 2023 engineering labour recoveries were directly allocated to capital projects using timesheets, the expected forecasted utilisation on capital projects was less than actuals resulting in increases unrecovered operational expenditure. Further operational expenditure increases were due to support costs, SaaS and costs associated with the new digital utility systems implementation. Business support costs have decreased by 14% (\$873k) mainly due to lower finance and customer service costs.

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

The forecast revenue from prices for the fourth assessment period from TLC's price-setting compliance statement RY2024 was \$41.9m. TLC's actual revenue from prices was \$41.6m. This means that TLC's forecast was \$300K or 0.7% higher than actual revenue for RY2024.

Total revenue for the disclosure year includes \$41K of other regulated income bringing total revenue to \$41.7m.

Schedule 8 was prepared using billed quantities and revenues for the disclosure year. Actual revenue has been reconciled between TLC's billing and financial systems. The Price x Actual Quantity calculations may have immaterial variances to Actual revenue – this is because of small billing wash-ups from prior periods and the prices being different from prior periods.

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

A reduced number of weather events and our programme of continuous improvement resulted in a decreased level of unplanned SAIDI and SAIFI. Accordingly, TLC was compliant with the default price-quality price path for the disclosure year 2024.

Voluntary notes are provided in schedule 15.

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

TLC has an insurance programme in place for selected network and non-network assets.

This insurance programme is placed with a reputable insurer(s) organised by an independent broker. The insured assets covered under material damage and business interruption policies include:

- Substations and transformers
- Plant & equipment
- Vehicles
- Buildings
- Office equipment

The sum insured of assets is \$122m (excluding buildings).

TLC has a number of liability insurance policies to cover: public liability, statutory liability, fidelity/theft, professional indemnity and directors & officers' liability.

Amendments to previously disclosed information

18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause **Error! Reference source not found.** 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 prior year numbers.

Company Name The Lines Company
For Year Ended 31 March 2024

Schedule 14a Mandatory Explanatory Notes on Forecast Information

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

1. This Schedule requires EDBs to provide explanatory notes to reports prepared in accordance with clause 2.6.6.
2. This Schedule is mandatory— EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.2. This information is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.

Commentary on difference between nominal and constant price capital expenditure forecasts (Schedule 11a)

3. In the box below, comment on the difference between nominal and constant price capital expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11a.

Box 1: Commentary on difference between nominal and constant price capital expenditure forecasts

Nominal Capital Expenditure forecasts for the CY+1 in Schedule 11a are the same.

The following increases have been applied to nominal forecasts for other years:

- CY+2 4.00%
- CY+3 3.12%
- CY+4 2.11%
- CY+5 onwards 2.14%

Commentary on difference between nominal and constant price operational expenditure forecasts (Schedule 11b)

4. In the box below, comment on the difference between nominal and constant price operational expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11b.

5.

Box 2: Commentary on difference between nominal and constant price operational expenditure forecasts

Nominal Capital Expenditure forecasts for the CY+1 in Schedule 11b are the same.

The following increases have been applied to nominal forecasts for other years:

- CY+2 4.00%
- CY+3 3.12%
- CY+4 2.11%
- CY+5 onwards 2.14%

Company Name The Lines Company

For Year Ended 31 March 2024

Schedule 15 Voluntary Explanatory Notes

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

1. This schedule enables EDBs to provide, should they wish to-
 - 1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 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

SCHEDULE 10

Outage recording

The Lines Company utilises an Excel spreadsheet to record all network interruptions. The control room log or switching instruction is considered as to how it affects a section of the network, with that section's interruption being recorded as a row in the spreadsheet.

The Network Control Team manages interruptions and incidents on the network, identifying causes and interruption types. Information gathered is used to update The Lines Company's Daily Control Room Log spreadsheet.

The Lines Company's Daily Control Room Log data is obtained from the following:

- The primary source for unplanned interruptions on automated equipment are reports from TLC's SCADA system.
- The primary source of unplanned interruptions on non-automated equipment is customer calls received by TLC. TLC personnel are dispatched to investigate with the details updated in BASIX.
- Planned Interruption applications are subject to approval from the Network Control Team. Each application is assigned a unique reference and recorded in the log.

The data captured and its source for each interruption include:

- Description of interruption (from switching or control log);
- Date and Time of interruption (from switching, control log or Basix fault history for dark assets);
- Date and Time of Restoration (from switching or control log);
- Operated Asset (from switching or control log) including feeder;

- Faulted asset ID (from the control room log based on field staff report);
- BASIX Fault Reference (if applicable – from Basix);
- Interruption Class (from control room log);
- Primary Cause (from log based on field staff information);
- Cause Description (from log based on field staff information);
- Number of customers affected in the section of the network (from Basix);
- Any other notes or comments significant to the interruption.

Upon data entry into the spreadsheet, the interruption details include:

- Line interruption minutes;
- Line customer minutes;
- Line and event interruption SAIDI;
- Line and event interruption SAIFI;
- Halved and whole SAIDI for notified interruptions;
- Line interruption CAIDI.

Normalised SAIFI and SAIDI

The figures shown in Row 37 “Classes B & C (interruptions on the network)” are calculated using Information Disclosure Determination which does not distinguish treatment of planned and unplanned interruptions. As such, they are different to the metrics disclosed in TLC’s Default Price Quality Path (DPP) Compliance Statement RY2024.

Information Disclosure Exemption: Disclosure and auditing of reliability information

In disclosure years 2019, 2020, 2021, 2022 and 2023 the Commerce Commission issued an exemption to Electricity Distribution Businesses (EDBs) subject to the EDB Information Disclosure Determination 2012 (the ID Determination) to address the process by which EDBs’ record and report ‘successive interruptions’.

The ID Determination has been amended to resolve the successive interruptions issue for all EDBs. To resolve this issue, the Commission added a definition for ‘successive interruptions’ and modified the definition of SAIFI values and SAIDI values in clause 1.4.3 of the ID Determination. These definitions were incorporated to ensure that EDBs treat successive interruptions consistently, by recording a successive interruption as an additional SAIFI value and SAIDI value if restoration of supply occurs for longer than one minute.

Schedule 18 Certification for Year-end Disclosures

Clause 2.9.2 and 2.9.5

We, Bella Takiari-Brame and Michael Underhill, being directors of The Lines Company Limited (TLC) 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, 2.3.8-2.3.12, 2.4.21, 2.4.22, 2.5.1(1)(a)-(f), 2.5.2, 2.5.2A, 2.6.1B* 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, 10a and 14 has been properly extracted from the TLC'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.]



Bella Takiari- Brame
Director



Michael Underhill
Director

20 August 2024



Independent Assurance Report

To the Directors of The Lines Company Limited and to the Commerce Commission on the disclosure information for the disclosure year ended 31 March 2024 as required by the Electricity Distribution Information Disclosure (Targeted Review 2024) Amendment Determination 2024 [2024] NZCC 2

The Lines Company Limited (the Company) is required to disclose certain information under the Electricity Distribution Information Disclosure (Targeted Review 2024) Amendment Determination 2024 [2024] NZCC 2, (the Determination) and to procure an assurance report by an independent auditor in terms of section 2.8.1 of the Determination.

The Auditor-General is the auditor of the Company.

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

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

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

Qualified Opinion

In our opinion, except for the possible effect of the matter described in the Basis for qualified opinion section of our report, in all material respects:

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

Basis for qualified opinion

As described in Box 1 of Schedule 15, there are inherent limitations in the ability of the Company to collect and record the network reliability information required to be disclosed in Schedules 10(i) to 10(iv). Consequently, there is no independent evidence available to support the completeness and accuracy of recorded faults, and control over the completeness and accuracy of installation control point ('ICP') data included in the SAIDI and SAIFI calculations was limited throughout the year.

There are no practical audit procedures that we could adopt to independently confirm the accuracy of the ICP data used to record the number of ICPs affected and duration of the interruptions for the purposes of inclusion in the amounts relating to SAIDI and SAIFI outage statistics set out in Schedules 10(i) to 10(iv). Because of the potential effect of the limitations described above, we are unable to obtain sufficient appropriate evidence to confirm the accuracy of the data that forms the basis of the compilation of Schedules 10(i) to 10(iv).



We 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* (“ISAE (NZ) 3000 (Revised)”) and the Standard on Assurance Engagements (SAE) 3100 (Revised) *Compliance Engagements* (“SAE 3100 (Revised)”), issued by the New Zealand Auditing and Assurance Standards Board.

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

Key Assurance Matters

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

Key Assurance Matter	How our procedures addressed the key assurance matter
<p>Regulatory asset base</p> <p>The Regulatory Asset Base (RAB), as set out in Schedule 4, reflects the value of the Company’s electricity distribution assets. These are valued using an indexed historic cost methodology prescribed by the Determination. It is a measure which is used widely and is key to measuring the Company’s return on investment and therefore important when monitoring financial performance or setting electricity distribution prices.</p> <p>The RAB inputs, as set out in the IM Determination, are similar to those used in the measurement of fixed assets in the financial statements, however, there are a number of different requirements and complexities which require careful consideration.</p> <p>Due to the importance of the RAB within the regulatory regime, the incentives to manipulate the RAB value, and complexities within the regulations, we have considered it to be a key area of focus.</p>	<p>We have obtained an understanding of the compliance requirements relevant to the RAB as set out in the Determination and the IM Determination.</p> <p>Our procedures over the regulatory asset base included the following:</p> <p>Assets commissioned</p> <ul style="list-style-type: none">• We considered the nature of the assets commissioned during the period, as per the regulatory fixed asset register, to identify any specific cost or asset type exclusions, as set out in the Determination, which are required to be removed from the RAB;• We inspected the assets commissioned during the period, as per the regulatory fixed asset register, to identify any specific cost or asset type exclusions, as set out in the Determination, which are required to be removed from the RAB;• We reconciled the assets commissioned, as per the regulatory fixed asset register, to the asset additions disclosed in the audited annual financial statements and investigated any material reconciling items; and• We tested a sample of assets commissioned during the disclosure period for appropriate asset category classification.



Key Assurance Matter	How our procedures addressed the key assurance matter
	<p data-bbox="786 465 951 495">Depreciation</p> <ul data-bbox="786 506 1396 1153" style="list-style-type: none"><li data-bbox="786 506 1396 566">● We reviewed the RAB assets for any unexplained negative asset values;<li data-bbox="786 577 1396 638">● We performed trend analytics over the year on year depreciation trends;<li data-bbox="786 649 1396 797">● For assets with no standard asset lives we assessed the reasonableness of the lives used by reference to the accounting depreciation rates used in preparing the financial statements;<li data-bbox="786 808 1396 925">● We have performed a reasonableness test to ensure regulatory depreciation expense is calculated in line with IM Determination clause 2.2.5;<li data-bbox="786 936 1396 1052">● We compared the spreadsheet formula utilised to calculate regulatory depreciation expense with IM Determination clause 2.2.5; and<li data-bbox="786 1064 1396 1153">● We compared the standard asset lives by asset category to those set out in the IM Determination. <p data-bbox="786 1164 940 1193">Revaluation</p> <ul data-bbox="786 1205 1396 1518" style="list-style-type: none"><li data-bbox="786 1205 1396 1294">● We verified the spreadsheet formula utilised to calculate regulatory depreciation expense is in line with IM Determination clause 2.2.5;<li data-bbox="786 1305 1396 1422">● We recalculated the revaluation rate set out in the IM Determination using the relevant Consumer Price Index indices taken from the Statistics New Zealand website; and<li data-bbox="786 1433 1396 1518">● We tested the mathematical accuracy of the revaluation calculation performed by management. <p data-bbox="786 1529 916 1559">Disposals</p> <ul data-bbox="786 1570 1396 1850" style="list-style-type: none"><li data-bbox="786 1570 1396 1718">● We reconciled the disposals, as per the regulatory fixed asset register, to the asset disposals disclosed in the audited annual financial statements and investigated any material reconciling items; and<li data-bbox="786 1729 1396 1850">● We inspected the asset disposals within the accounting fixed asset register to ensure disposals in the RAB meet the definition of a disposal per the IMs.



Key Assurance Matter	How our procedures addressed the key assurance matter
<p>Cost and Asset Allocation</p> <p>The Determination relates to information concerning the supply of electricity distribution services. In addition to the regulated supply of electricity, the Company also supplies customers with other unregulated services such as metering services.</p> <p>As set out in schedules 5d, 5e, 5f and 5g, costs and asset values that relate to electricity distribution services regulated under the Determination should comprise:</p> <ul style="list-style-type: none"> • All of the costs directly attributable to the regulated goods or services; and • An allocated portion of the costs that are not directly attributable. <p>The IM Determination set out rules and processes for allocating costs and assets which are not directly attributable to either regulated or unregulated services. A number of screening tests apply which must be considered when deciding on the appropriate allocation method.</p> <p>The Company has applied the Accounting-Based Allocation Approach Methodology (ABAA) utilising proxy cost and asset allocators to allocate the asset values and operating costs that are not directly attributable where causal relationships could not be identified.</p> <p>Given the judgement involved in the application of the cost and asset allocation methodologies we consider it a key assurance matter.</p>	<p>We obtained an understanding of the Company's cost and asset allocation processes and the methodologies applied.</p> <p>Our procedures over cost and asset allocation included;</p> <ul style="list-style-type: none"> • Reconciling the regulated and unregulated financial information to the audited financial statements. <p>Classification as directly/not directly attributable</p> <ul style="list-style-type: none"> • Considering the appropriateness of the costs allocated as directly attributable, based on the nature and our understanding of the business to determine the reasonableness of the directly attributable classification; • Testing a sample of transactions to ensure their classification as either directly attributable or not directly attributable costs are appropriate and in line with the Determination, as amended; • Inspecting the fixed asset register to identify any asset classes which based on their nature and our understanding of the business could be considered assets directly attributable to a specific business unit; • Testing a sample of assets commissioned to ensure their classification as either directly attributable or not directly attributable are appropriate and in line with the Determination, as amended, by inspecting the related invoice. <p>Appropriateness of the allocators used for not directly attributable costs and assets</p> <ul style="list-style-type: none"> • Considering the appropriateness of the cost and asset causal and proxy allocators used in applying the ABAA to not directly attributable costs including inspecting supporting documentation and recalculating proxy allocators; • Understanding why causal relationships could not be identified in allocating some costs or assets and ensuring appropriate disclosure has been included outlining these in Schedule 14; • Recalculating the split between not directly attributable costs and asset values allocated to electricity distribution services and non-electricity distribution services.



Directors' responsibilities

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

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

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

Auditor's responsibilities

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

- as far as appears from an examination, the information used in the preparation of the audited Disclosure Information has been properly extracted from the Company's accounting and other records, sourced from its financial and non-financial systems;
- as far as appears from an examination, proper records to enable the complete and accurate compilation of the audited Disclosure Information required by the Determination have been kept by the Company and, if not, the records not so kept;
- the Company complied, in all material respects, with the Determination in preparing the audited Disclosure Information; and
- the Company's basis for valuation of related party transactions in the disclosure year has complied, in all material respects, with clause 2.3.6 of the Determination and clauses 2.2.11(1)(g) and 2.2.11(5) of the IM Determination.

To meet these responsibilities, we planned and performed procedures in accordance with ISAE (NZ) 3000 (Revised) and SAE 3100 (Revised), to obtain reasonable assurance about whether the Company has complied, in all material respects, with the Disclosure Information (which includes the Related Party Transaction Information) required to be audited by the Determination.

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

Inherent limitations

Because of the inherent limitations of an assurance engagement, together with the internal control structure, it is possible that fraud, error or non-compliance with the Determination may occur and not be detected.

A reasonable assurance engagement throughout the disclosure year does not provide assurance on whether compliance with the Determination will continue in the future.

Restricted use

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



Independence and quality control

We complied with the Auditor-General's independence and other ethical requirements, which incorporate the requirements of Professional and Ethical Standard 1 *International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand)* (PES 1) issued by the New Zealand Auditing and Assurance Standards Board. PES 1 is founded on the fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

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

The Auditor-General, and his employees, and PricewaterhouseCoopers and its partners and employees may deal with the Company on normal terms within the ordinary course of trading activities of the Company. Other than any dealings on normal terms within the ordinary course of trading activities of the Company, assurance services performed within our role as auditor for the Company on the annual financial statements and performance information and regulatory compliance engagements under the requirements of the Commerce Act 1986, we have no relationship with, or interests in, the Company.

A handwritten signature in black ink, appearing to read 'Philippa Cameron', with a stylized, cursive script.

Philippa Cameron
PricewaterhouseCoopers
On behalf of the Auditor-General
Auckland, New Zealand
22 August 2024