



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

Company Name	<input type="text" value="Marlborough Lines Limited"/>
Disclosure Date	<input type="text" value="24 August 2022"/>
Disclosure Year (year ended)	<input type="text" value="31 March 2022"/>

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 21 December 2017

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Disclosure Template Instructions

These templates have been prepared for use by EDBs when making disclosures under clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012.

Company Name and Dates

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

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

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

Dates should be entered in day/month/year order (Example -"1 April 2013").

Data Entry Cells and Calculated Cells

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

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

Validation Settings on Data Entry Cells

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

Conditional Formatting Settings on Data Entry Cells

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

Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

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

Schedule 9b cells AG10 to AG60 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

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

Inserting Additional Rows and Columns

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

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

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

The template for schedule 8 may require additional columns to be inserted between column P and U. To avoid interfering with the title block entries, these should be inserted to the left of column S. If inserting additional columns, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The formulas can be found in the equivalent cells of the existing columns.

Disclosures by Sub-Network

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

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Electricity Distribution ID Determination 2012 (as issued on 21 December 2017). They provide a common reference between the rows in the determination and the template.

Description of Calculation References

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

Worksheet Completion Sequence

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

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

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 1: ANALYTICAL RATIOS

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

sch ref

7 1(i): Expenditure metrics

	Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)
Operational expenditure	46,358	674	238,668	5,241	51,374
Network	23,123	336	119,048	2,614	25,626
Non-network	23,235	338	119,620	2,627	25,749
Expenditure on assets	26,753	389	137,735	3,025	29,648
Network	20,543	299	105,762	2,323	22,766
Non-network	6,210	90	31,973	702	6,882

17 1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	103,751	1,508
Standard consumer line charge revenue	103,564	1,505
Non-standard consumer line charge revenue	-	-

23 1(iii): Service intensity measures

Demand density	22	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	113	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	8	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	14,536	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

30 1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	17,945	43.98%
Pass-through and recoverable costs excluding financial incentives and wash-ups	7,267	17.81%
Total depreciation	10,431	25.56%
Total revaluations	16,238	39.80%
Regulatory tax allowance	2,268	5.56%
Regulatory profit/(loss) including financial incentives and wash-ups	19,130	46.88%
Total regulatory income	40,803	

40 1(v): Reliability

Interruption rate	19.83	Interruptions per 100 circuit km
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Company Name **Marlborough Lines Limited**
For Year Ended **31 March 2022**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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

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

sch ref

	CY-2	CY-1	Current Year CY
	31 Mar 20	31 Mar 21	31 Mar 22
	%	%	%
2(i): Return on Investment			
ROI – comparable to a post tax WACC			
Reflecting all revenue earned	3.30%	3.31%	7.96%
Excluding revenue earned from financial incentives	3.30%	3.31%	7.96%
Excluding revenue earned from financial incentives and wash-ups	3.30%	3.31%	7.96%
Mid-point estimate of post tax WACC	4.27%	3.72%	3.52%
25th percentile estimate	3.59%	3.04%	2.84%
75th percentile estimate	4.95%	4.40%	4.20%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	3.72%	3.64%	8.26%
Excluding revenue earned from financial incentives	3.72%	3.64%	8.26%
Excluding revenue earned from financial incentives and wash-ups	3.72%	3.64%	8.26%
WACC rate used to set regulatory price path	n/a	n/a	n/a
Mid-point estimate of vanilla WACC	4.69%	4.05%	3.82%
25th percentile estimate	4.01%	3.37%	3.14%
75th percentile estimate	5.37%	4.73%	4.50%
2(ii): Information Supporting the ROI			
			(\$000)
Total opening RAB value	234,860		
plus Opening deferred tax	(4,172)		
Opening RIV		230,688	
Line charge revenue		40,162	
Expenses cash outflow	25,212		
add Assets commissioned	8,598		
less Asset disposals	542		
add Tax payments	1,768		
less Other regulated income	641		
Mid-year net cash outflows		34,396	
Term credit spread differential allowance		–	
Total closing RAB value	248,723		
less Adjustment resulting from asset allocation	0		
less Lost and found assets adjustment	–		
plus Closing deferred tax	(4,672)		
Closing RIV		244,052	
ROI – comparable to a vanilla WACC			8.26%
Leverage (%)			42%
Cost of debt assumption (%)			2.55%
Corporate tax rate (%)			28%
ROI – comparable to a post tax WACC			7.96%

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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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		8.14%
95			
96	Year-end ROI – comparable to a post tax WACC		7.84%
97			
98	* these year-end ROI values are comparable to the ROI reported in pre 2012 disclosures by EDBs and do not represent the Commission's current view on ROI.		
99			

2(v): Financial Incentives and Wash-Ups

100			
101			
102	Net recoverable costs allowed under incremental rolling incentive scheme		-
103	Purchased assets – avoided transmission charge		-
104	Energy efficiency and demand incentive allowance		-
105	Quality incentive adjustment		-
106	Other financial incentives		-
107	Financial incentives		-
108			
109	Impact of financial incentives on ROI		-
110			
111	Input methodology claw-back		-
112	CPP application recoverable costs		-
113	Catastrophic event allowance		-
114	Capex wash-up adjustment		-
115	Transmission asset wash-up adjustment		-
116	2013–15 NPV wash-up allowance		-
117	Reconsideration event allowance		-
118	Other wash-ups		-
119	Wash-up costs		-
120			
121	Impact of wash-up costs on ROI		-

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

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

sch ref

sch ref		(\$000)
7	3(i): Regulatory Profit	
8	Income	
9	Line charge revenue	40,162
10	plus Gains / (losses) on asset disposals	(205)
11	plus Other regulated income (other than gains / (losses) on asset disposals)	846
12		
13	Total regulatory income	40,803
14	Expenses	
15	less Operational expenditure	17,945
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	7,267
18		
19	Operating surplus / (deficit)	15,591
20		
21	less Total depreciation	10,431
22		
23	plus Total revaluations	16,238
24		
25	Regulatory profit / (loss) before tax	21,398
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	2,268
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	19,130
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	85
36	Commerce Act levies	88
37	Industry levies	93
38	CPP specified pass through costs	-
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	6,658
41	Transpower new investment contract charges	343
42	System operator services	-
43	Distributed generation allowance	-
44	Extended reserves allowance	-
45	Other recoverable costs excluding financial incentives and wash-ups	-
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	7,267
47		

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

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

sch ref

		(\$000)	
		CY-1	CY
		31 Mar 21	31 Mar 22
48	3(iii): Incremental Rolling Incentive Scheme		
49			
50			
51	Allowed controllable opex		
52	Actual controllable opex		
53			
54	Incremental change in year		
55			
		Previous years' incremental change	Previous years' incremental change adjusted for inflation
56			
57	CY-5 31 Mar 17		
58	CY-4 31 Mar 18		
59	CY-3 31 Mar 19		
60	CY-2 31 Mar 20		
61	CY-1 31 Mar 21		
62	Net incremental rolling incentive scheme		-
63			
64	Net recoverable costs allowed under incremental rolling incentive scheme		-
65	3(iv): Merger and Acquisition Expenditure		
70			(\$000)
66	Merger and acquisition expenditure		-
67			
68	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>		
69	3(v): Other Disclosures		
70			(\$000)
71	Self-insurance allowance		-

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

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

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

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)		for year ended				
		RAB 31 Mar 18 (\$000)	RAB 31 Mar 19 (\$000)	RAB 31 Mar 20 (\$000)	RAB 31 Mar 21 (\$000)	RAB 31 Mar 22 (\$000)
7						
8						
9						
10	Total opening RAB value	222,062	222,453	224,288	235,986	234,860
11						
12	less Total depreciation	9,804	9,932	10,098	9,757	10,431
13						
14	plus Total revaluations	2,443	3,291	5,656	3,529	16,238
15						
16	plus Assets commissioned	8,949	9,297	17,188	9,095	8,598
17						
18	less Asset disposals	1,197	821	1,048	3,993	542
19						
20	plus Lost and found assets adjustment	-	-	-	-	-
21						
22	plus Adjustment resulting from asset allocation	-	-	-	-	0
23						
24	Total closing RAB value	222,453	224,288	235,986	234,860	248,723
25						

4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
26					
27					
28					
29	Total opening RAB value		234,860		234,860
30	less				
31	Total depreciation		10,431		10,431
32	plus				
33	Total revaluations		16,238		16,238
34	plus				
35	Assets commissioned (other than below)	8,598		8,598	
36	Assets acquired from a regulated supplier	-		-	
37	Assets acquired from a related party	-		-	
38	Assets commissioned		8,598		8,598
39	less				
40	Asset disposals (other than below)	542		542	
41	Asset disposals to a regulated supplier	-		-	
42	Asset disposals to a related party	-		-	
43	Asset disposals		542		542
44					
45	plus Lost and found assets adjustment		-		-
46					
47	plus Adjustment resulting from asset allocation				0
48					
49	Total closing RAB value		248,723		248,723

* 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 **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

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

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

sch ref

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

CPI _t	1,142
CPI _{t-4}	1,068
Revaluation rate (%)	6.93%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	234,860		234,860	
less Opening value of fully depreciated, disposed and lost assets	508		508	
Total opening RAB value subject to revaluation	234,351		234,351	
Total revaluations		16,238		16,238

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		3,082		3,082
plus Capital expenditure	10,195		10,195	
less Assets commissioned	8,598		8,598	
plus Adjustment resulting from asset allocation				
Works under construction - current disclosure year		4,678		4,678
Highest rate of capitalised finance applied				-

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

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

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

sch ref

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

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
79 Depreciation - standard	10,431		10,431	
80 Depreciation - no standard life assets	-		-	
81 Depreciation - modified life assets	-		-	
82 Depreciation - alternative depreciation in accordance with CPP	-		-	
83 Total depreciation		10,431		10,431

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 Closing RAB value		
		89 Depreciation charge for the period (RAB)	90 under 'non-standard' depreciation	91 Closing RAB value under 'standard' depreciation
92				
93				
94				

* include additional rows if needed

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

(\$000 unless otherwise specified)

98	99									
	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
100	24,809	10,130	45,955	49,327	44,898	20,040	16,093	7,158	16,449	234,860
101	less	799	269	1,330	2,115	1,629	1,056	959	573	1,701
102	plus	1,715	699	3,180	3,414	3,106	1,383	1,105	496	1,140
103	plus	905	295	66	3,072	226	497	814	161	2,561
104	less	52	34	63	45	70	78	146	-	53
105	plus	-	-	-	-	-	-	-	-	-
106	plus	-	-	-	-	-	-	-	-	-
107	plus	-	-	-	-	-	-	-	-	-
108	Total closing RAB value	26,580	10,821	47,807	53,653	46,532	20,786	16,907	7,242	18,396
109	Asset Life									
110	Weighted average remaining asset life	45.3	41.6	34.1	40.8	34.2	25.6	26.1	13.3	18.6
111	Weighted average expected total asset life	58.6	53.9	44.5	57.8	50.8	45.0	39.6	19.3	31.4

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

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

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		21,398
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	-	*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	21	*
12	Amortisation of initial differences in asset values	3,386	
13	Amortisation of revaluations	1,973	
14			5,380
15			
16	<i>less</i> Total revaluations	16,238	
17	Income included in regulatory profit / (loss) before tax but not taxable	-	*
18	Discretionary discounts and customer rebates	-	
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
20	Notional deductible interest	2,440	
21			18,678
22			
23	Regulatory taxable income		8,100
24			
25	<i>less</i> Utilised tax losses	-	
26	Regulatory net taxable income		8,100
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		2,268
30			
31	* 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).

		(\$000)	
34	5a(iii): Amortisation of Initial Difference in Asset Values		
35			
36	Opening unamortised initial differences in asset values	87,696	
37	<i>less</i> Amortisation of initial differences in asset values	3,386	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	307	
40	Closing unamortised initial differences in asset values		84,003
41			
42	Opening weighted average remaining useful life of relevant assets (years)		26
43			

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

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

sch ref

44	5a(iv): Amortisation of Revaluations			(\$000)
45				
46	Opening sum of RAB values without revaluations		212,628	
47				
48	Adjusted depreciation		8,458	
49	Total depreciation		10,431	
50	Amortisation of revaluations			1,973
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		(4,172)	
61				
62	plus Tax effect of adjusted depreciation		2,368	
63				
64	less Tax effect of tax depreciation		2,139	
65				
66	plus Tax effect of other temporary differences*		95	
67				
68	less Tax effect of amortisation of initial differences in asset values		948	
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		(124)	
73				
74	plus Deferred tax cost allocation adjustment		(0)	
75				
76	Closing deferred tax			(4,672)
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		89,054	
84	less Tax depreciation		7,638	
85	plus Regulatory tax asset value of assets commissioned		8,637	
86	less Regulatory tax asset value of asset disposals		99	
87	plus Lost and found assets adjustment		-	
88	plus Adjustment resulting from asset allocation		-	
89	plus Other adjustments to the RAB tax value		-	
90	Closing sum of regulatory tax asset values			89,954

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

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

sch ref

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

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

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

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 **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

		Value allocated (\$000s)			OVABAA allocation increase (\$000s)
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	
7	5d(i): Operating Cost Allocations				
8					
9					
10	Service interruptions and emergencies				
11	Directly attributable		1,437		
12	Not directly attributable		176	176	
13	Total attributable to regulated service		1,613		
14	Vegetation management				
15	Directly attributable		2,069		
16	Not directly attributable		272	272	
17	Total attributable to regulated service		2,341		
18	Routine and corrective maintenance and inspection				
19	Directly attributable		3,992		
20	Not directly attributable		363	363	
21	Total attributable to regulated service		4,355		
22	Asset replacement and renewal				
23	Directly attributable		579		
24	Not directly attributable		63	63	
25	Total attributable to regulated service		642		
26	System operations and network support				
27	Directly attributable		3,975		
28	Not directly attributable		107	107	
29	Total attributable to regulated service		4,082		
30	Business support				
31	Directly attributable		4,912		
32	Not directly attributable			-	
33	Total attributable to regulated service		4,912		
34					
35	Operating costs directly attributable		16,964		
36	Operating costs not directly attributable	-	981	-	981
37	Operational expenditure		17,945		
38					

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

39 5d(ii): Other Cost Allocations

	(\$000)
40 Pass through and recoverable costs	
41 Pass through costs	
42 Directly attributable	266
43 Not directly attributable	-
44 Total attributable to regulated service	266
45 Recoverable costs	
46 Directly attributable	7,001
47 Not directly attributable	-
48 Total attributable to regulated service	7,001

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

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

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

		(\$000)	
		CY-1	Current Year (CY)
70 Change in cost allocation 3			
71 Cost category			
72 Original allocator or line items			
73 New allocator or line items			
		-	-
75 Rationale for change			

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

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

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

sch ref

5e(i): Regulated Service Asset Values		Value allocated (\$000s)
		Electricity distribution services
7	Subtransmission lines	
11	Directly attributable	26,580
12	Not directly attributable	-
13	Total attributable to regulated service	26,580
14	Subtransmission cables	
15	Directly attributable	10,821
16	Not directly attributable	-
17	Total attributable to regulated service	10,821
18	Zone substations	
19	Directly attributable	47,807
20	Not directly attributable	-
21	Total attributable to regulated service	47,807
22	Distribution and LV lines	
23	Directly attributable	53,653
24	Not directly attributable	-
25	Total attributable to regulated service	53,653
26	Distribution and LV cables	
27	Directly attributable	46,532
28	Not directly attributable	-
29	Total attributable to regulated service	46,532
30	Distribution substations and transformers	
31	Directly attributable	20,786
32	Not directly attributable	-
33	Total attributable to regulated service	20,786
34	Distribution switchgear	
35	Directly attributable	16,907
36	Not directly attributable	-
37	Total attributable to regulated service	16,907
38	Other network assets	
39	Directly attributable	7,242
40	Not directly attributable	-
41	Total attributable to regulated service	7,242
42	Non-network assets	
43	Directly attributable	18,396
44	Not directly attributable	-
45	Total attributable to regulated service	18,396
46		
47	Regulated service asset value directly attributable	248,723
48	Regulated service asset value not directly attributable	-
49	Total closing RAB value	248,723

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			

* 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 compon
 † include additional rows if needed

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

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

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

sch ref

7	6a(i): Expenditure on Assets		(\$000)	(\$000)
8	Consumer connection			17
9	System growth			1,242
10	Asset replacement and renewal			3,891
11	Asset relocations			380
12	Reliability, safety and environment:			
13	Quality of supply	1,792		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	630		
16	Total reliability, safety and environment			2,422
17	Expenditure on network assets			7,952
18	Expenditure on non-network assets			2,404
19				
20	Expenditure on assets			10,356
21	plus Cost of financing			-
22	less Value of capital contributions			161
23	plus Value of vested assets			-
24				
25	Capital expenditure			10,195
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			
30	6a(iii): Consumer Connection			
31	<i>Consumer types defined by EDB*</i>		(\$000)	(\$000)
32	Residential		17	
33				
34				
35				
36				
37	<i>* include additional rows if needed</i>			
38	Consumer connection expenditure			17
39				
40	less Capital contributions funding consumer connection expenditure			
41	Consumer connection less capital contributions			17
42	6a(iv): System Growth and Asset Replacement and Renewal			
43			System Growth	Asset Replacement and Renewal
44			(\$000)	(\$000)
45	Subtransmission	750		603
46	Zone substations	64		188
47	Distribution and LV lines			2,501
48	Distribution and LV cables	179		
49	Distribution substations and transformers	240		328
50	Distribution switchgear			260
51	Other network assets	9		11
52	System growth and asset replacement and renewal expenditure	1,242		3,891
53	less Capital contributions funding system growth and asset replacement and renewal			148
54	System growth and asset replacement and renewal less capital contributions	1,242		3,743
55				
56	6a(v): Asset Relocations			
57	<i>Project or programme*</i>		(\$000)	(\$000)
58	Underground Conversions		31	
59	Roading		74	
60				
61				
62				
63	<i>* include additional rows if needed</i>			
64	All other projects or programmes - asset relocations	275		
65	Asset relocations expenditure			380
66	less Capital contributions funding asset relocations			13
67	Asset relocations less capital contributions			367

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

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

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

sch ref

68				
69	6a(vi): Quality of Supply			
70	<i>Project or programme*</i>		(\$000)	(\$000)
71	SCADA		15	
72	Digital Radio Networks		176	
73				
74				
75				
76	<i>* include additional rows if needed</i>			
77	All other projects programmes - quality of supply		1,601	
78	Quality of supply expenditure			1,792
79	less Capital contributions funding quality of supply			
80	Quality of supply less capital contributions			1,792
81	6a(vii): Legislative and Regulatory			
82	<i>Project or programme*</i>		(\$000)	(\$000)
83	n/a			
84				
85				
86				
87				
88	<i>* include additional rows if needed</i>			
89	All other projects or programmes - legislative and regulatory			
90	Legislative and regulatory expenditure			-
91	less Capital contributions funding legislative and regulatory			
92	Legislative and regulatory less capital contributions			-
93	6a(viii): Other Reliability, Safety and Environment			
94	<i>Project or programme*</i>		(\$000)	(\$000)
95	Earthing (NERs and Resonant)		10	
96	Tee Joint Removal			
97	Transformer OH to UG conversion		71	
98	SCADA		7	
99				
100	<i>* include additional rows if needed</i>			
101	All other projects or programmes - other reliability, safety and environment		542	
102	Other reliability, safety and environment expenditure			630
103	less Capital contributions funding other reliability, safety and environment			
104	Other reliability, safety and environment less capital contributions			630
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	<i>Project or programme*</i>		(\$000)	(\$000)
109	Test Equipment		85	
110	Plant and Tools		140	
111	Vehicles		1,058	
	Radio Equipment		5	
	Office Furniture & Equipment		102	
	Land and Buildings		80	
	IT Computers		129	
112	Software		91	
113				
114	<i>* include additional rows if needed</i>			
115	All other projects or programmes - routine expenditure			
116	Routine expenditure			1,690
117	Atypical expenditure			
118	<i>Project or programme*</i>		(\$000)	(\$000)
119	Office renovations		714	
120				
121				
122				
123				
124	<i>* include additional rows if needed</i>			
125	All other projects or programmes - atypical expenditure			
126	Atypical expenditure			714
127				

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

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

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

sch ref

128	Expenditure on non-network assets	2,404
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Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

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

This schedule requires a breakdown of operational expenditure incurred in the disclosure year.

EDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.

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

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure		
8	Service interruptions and emergencies	1,613	
9	Vegetation management	2,341	
10	Routine and corrective maintenance and inspection	4,355	
11	Asset replacement and renewal	642	
12	Network opex		8,951
13	System operations and network support	4,082	
14	Business support	4,912	
15	Non-network opex		8,994
16			
17	Operational expenditure		17,945
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		-
20	Direct billing*		-
21	Research and development		-
22	Insurance		393
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name	Marlborough Lines Limited
For Year Ended	31 March 2022

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

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

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

sch ref

7	7(i): Revenue	Target (\$000) ¹	Actual (\$000)	% variance
8	Line charge revenue	36,640	40,162	10%
9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	101	17	(83%)
11	System growth	540	1,242	130%
12	Asset replacement and renewal	6,720	3,891	(42%)
13	Asset relocations	959	380	(60%)
14	Reliability, safety and environment:			
15	Quality of supply	4,992	1,792	(64%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	898	630	(30%)
18	Total reliability, safety and environment	5,890	2,422	(59%)
19	Expenditure on network assets	14,210	7,952	(44%)
20	Expenditure on non-network assets	2,242	2,404	7%
21	Expenditure on assets	16,452	10,356	(37%)
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	1,060	1,613	52%
24	Vegetation management	2,170	2,341	8%
25	Routine and corrective maintenance and inspection	3,735	4,355	17%
26	Asset replacement and renewal	707	642	(9%)
27	Network opex	7,672	8,951	17%
28	System operations and network support	4,038	4,082	1%
29	Business support	4,442	4,912	11%
30	Non-network opex	8,480	8,994	6%
31	Operational expenditure	16,152	17,945	11%
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Energy efficiency and demand side management, reduction of energy losses	N/A	–	–
34	Overhead to underground conversion	N/A	–	–
35	Research and development	N/A	–	–
36				
37	7(v): Subcomponents of Operational Expenditure (where known)			
38	Energy efficiency and demand side management, reduction of energy losses	N/A	–	–
39	Direct billing	N/A	–	–
40	Research and development	N/A	–	–
41	Insurance	415	393	(5%)

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)

Company Name	Marlborough Lines Limited
For Year Ended	31 March 2022
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

sch ref

8(i): Billed Quantities by Price Component

Billed quantities by price component

Price component	10,11,23,31,40,71 uncontrolled	12,16,22 13hr controlled	17,18,28 8hr controlled	00 Embedded generation	20,30 20hr controlled	51,61 Day	50,62 Night	96 Summer	97 Winter	80 Streetlights	98 Ml Consumption
	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
	115,126	35,658	2,720	2,457							
	73,799	2,311	154		123						
	-					97,558	39,379				
	-						17,757			1,295	
	-										1,086
	188,925	37,970	2,874	2,457	123	97,558	39,379	17,757	-	1,295	1,086
	-	-	-	-	-	-	-	-	-	-	-
	188,925	37,970	2,874	2,457	123	97,558	39,379	17,757	-	1,295	1,086

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICs in disclosure year	Energy delivered to ICs in disclosure year (MWh)
DS15, DS815, DS30, DS930, DT, DTR, DL, T5	Residential	Standard	22,502	153,504
NS, NSR, NH, NHR, NT, NTR, RT, RV, RX	General	Standard	3,538	76,387
BF, BHM, BHC	Commercial and Industrial	Standard	129	136,938
PK, PMU, PK, PKU, PH	Irrigation	Standard	377	17,257
MSDK, PMFC, INZMF, PSLT1, US	Streetlighting	Standard	49	1,214
MLL	Marlborough Lines	Standard	55	1,086
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>				
		Standard consumer totals	26,630	387,096
		Non-standard consumer totals	-	-
		Total for all consumers	26,630	387,096

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

Company Name
 For Year Ended
 Network / Sub-Network Name

Marlborough Lines Limited
31 March 2022

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

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

Price component	Line charge revenues (\$000) by price component													Fixed Charge	ALAM, AH Capacity	WL, WM, WH RPD	
	10,11,23,31,40,71 uncontrolled	12,16,22 13hr controlled	17,18,28 8hr controlled	00 Embedded generation	20,30 20hr controlled	51,61 Day	50,62 Night	96 Summer	97 Winter	80 Streetlights	S/con/day (S/kVA/day for PK and S/kVA/day for PH)	S/kVA/day	S/kVA/day				
	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh
	\$9,942	\$2,066	\$86												\$6,540		
	\$4,645	\$95	\$3		\$7										\$4,540		
	-	-	-			\$1,749	\$141								\$464	\$6,081	\$1,896
	-	-	-					\$534							\$1,072		
	-	-	-							\$12					\$214		
	-	-	-												\$72		
	\$14,589	\$2,161	\$89		\$7	\$1,749	\$141	\$534		\$12	\$12,830	\$6,081	\$1,896				
											\$72						
	\$14,589	\$2,161	\$89		\$7	\$1,749	\$141	\$534		\$12	\$12,903	\$6,081	\$1,896				

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, \$ per day, \$ per kWh, etc.)
D515, D5R25, D5S0, D5R30, D7, D7R, DL, TS	Residential	Standard	\$18,637	\$2,356	\$18,637		
NS, NSR, NH, NHR, NT, NTR, RV, RX	General	Standard	\$9,290	\$1,347	\$9,290		
BF, BHM, BHC	Commercial	Standard	\$10,331	\$1,655	\$10,331		
PM, PMU, PK, PKU, PH	Irrigation	Standard	\$1,606	\$248	\$1,606		
MDFC, PMFC, RNZAF, PSL1/2, US	Streetlighting, un-metered, etc.	Standard	\$226	\$34	\$226		
Wholesale	Generation	Non-standard	\$72	-	\$72		
Standard consumer totals			\$40,089	\$5,640	\$40,089		
Non-standard consumer totals			\$72	-	\$72		
Total for all consumers			\$40,162	\$5,640	\$40,162		

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

Check OK

Company Name	Marlborough Lines Limited
For Year Ended	31 March 2022
Network / Sub-network Name	

SCHEDULE 9a: ASSET REGISTER

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

sch ref

	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	19,919	20,079	160	3
9	All	Overhead Line	Wood poles	No.	10,441	10,448	7	3
10	All	Overhead Line	Other pole types	No.	184	77	(107)	3
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	277	274	(3)	3
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	26	26	0	3
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	0	0	-	3
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	16	16	-	4
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	N/A
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-	N/A
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	N/A
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	58	54	(4)	3
28	HV	Zone substation switchgear	33kV RMU	No.	1	1	-	3
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	94	94	-	3
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	15	14	(1)	3
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	110	107	(3)	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	12	12	-	3
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	31	31	-	3
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,590	1,592	2	3
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	2	2	(0)	3
36	HV	Distribution Line	SWER conductor	km	538	540	2	3
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	187	189	2	3
38	HV	Distribution Cable	Distribution UG PILC	km	10	10	0	3
39	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	105	105	-	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	22	23	1	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	2,451	2,472	21	3
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	55	55	-	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	170	174	4	3
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	3,493	3,522	29	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	508	533	25	3
47	HV	Distribution Transformer	Voltage regulators	No.	30	30	-	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	N/A
49	LV	LV Line	LV OH Conductor	km	411	411	0	2
50	LV	LV Cable	LV UG Cable	km	350	357	7	3
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	67	68	1	3
52	LV	Connections	OH/UG consumer service connections	No.	26,473	26,732	259	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	150	193	43	3
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	4
55	All	Capacitor Banks	Capacitors including controls	No.	-	-	-	N/A
56	All	Load Control	Centralised plant	Lot	3	3	-	3
57	All	Load Control	Relays	No.	-	-	-	N/A
58	All	Civils	Cable Tunnels	km	-	-	-	N/A

Company Name	Marlborough Lines Limited
For Year Ended	31 March 2022
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

9			
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)
11	> 66kV	-	-
12	50kV & 66kV	-	-
13	33kV	274	26
14	SWER (all SWER voltages)	538	-
15	22kV (other than SWER)	-	-
16	6.6kV to 11kV (inclusive—other than SWER)	1,596	200
17	Low voltage (< 1kV)	410	379
18	Total circuit length (for supply)	2,818	606
19			
20	Dedicated street lighting circuit length (km)		68
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		-
22			
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)
24	Urban	327	12%
25	Rural	855	30%
26	Remote only	-	-
27	Rugged only	789	28%
28	Remote and rugged	848	30%
29	Unallocated overhead lines	-	-
30	Total overhead length	2,818	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	2,317	68%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	2,818	100%

Company Name **Marlborough Lines Limited**
 For Year Ended **31 March 2022**

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

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

sch ref

	Location *	Number of ICPs served	Line charge revenue (\$000)
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26	* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB's network or in another embedded network		

Company Name	Marlborough Lines Limited
For Year Ended	31 March 2022
Network / Sub-network Name	Blenheim GXP

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

9 Number of ICPs connected in year by consumer type

10 Consumer types defined by EDB*

11 Residential
12 General (small business)
13 Commercial and Industrial
14 Irrigation
15 Other

16 * include additional rows if needed

Number of connections (ICPs)

11 152
12 41
13 1
14 13
15 -

17 Connections total

207

18 19 Distributed generation

20 Number of connections made in year

181

connections

21 Capacity of distributed generation installed in year

1.2

MVA

22 9e(ii): System Demand

25 Maximum coincident system demand

26 GXP demand

72.2

27 plus Distributed generation output at HV and above

3.0

28 Maximum coincident system demand

75.2

29 less Net transfers to (from) other EDBs at HV and above

-

30 Demand on system for supply to consumers' connection points

75.2

Demand at time of maximum coincident demand (MW)

31 Electricity volumes carried

32 Electricity supplied from GXPs

385.1

33 less Electricity exports to GXPs

-

34 plus Electricity supplied from distributed generation

19.9

35 less Net electricity supplied to (from) other EDBs

-

36 Electricity entering system for supply to consumers' connection points

405.0

37 less Total energy delivered to ICPs

387

38 Electricity losses (loss ratio)

18

4.4%

40 Load factor

0.61

41 9e(iii): Transformer Capacity

42 Distribution transformer capacity (EDB owned)

349

44 Distribution transformer capacity (Non-EDB owned, estimated)

19

45 Total distribution transformer capacity

369

(MVA)

46 Zone substation transformer capacity

338

Company Name **Marlborough Lines Limited**

For Year Ended **31 March 2022**

Network / Sub-network Name

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

sch ref

8 **10(i): Interruptions**

9 **Interruptions by class**

	Number of interruptions
10 Class A (planned interruptions by Transpower)	-
11 Class B (planned interruptions on the network)	334
12 Class C (unplanned interruptions on the network)	343
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)	-
16 Class G (unplanned interruptions caused by another disclosing entity)	-
17 Class H (planned interruptions caused by another disclosing entity)	-
18 Class I (interruptions caused by parties not included above)	-
19 Total	679

21 **Interruption restoration**

	≤3Hrs	>3hrs
22 Class C interruptions restored within	228	115

24 **SAIFI and SAIDI by class**

	SAIFI	SAIDI
25 Class A (planned interruptions by Transpower)	-	-
26 Class B (planned interruptions on the network)	0.41	64.6
27 Class C (unplanned interruptions on the network)	1.52	178.1
28 Class D (unplanned interruptions by Transpower)	0.02	0.6
29 Class E (unplanned interruptions of EDB owned generation)	-	-
30 Class F (unplanned interruptions of generation owned by others)	-	-
31 Class G (unplanned interruptions caused by another disclosing entity)	-	-
32 Class H (planned interruptions caused by another disclosing entity)	-	-
33 Class I (interruptions caused by parties not included above)	-	-
34 Total	1.95	243.3

36 **Normalised SAIFI and SAIDI**

	Normalised SAIFI	Normalised SAIDI
37 Classes B & C (interruptions on the network)	1.93	195.5

Company Name	Marlborough Lines Limited
For Year Ended	31 March 2022
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

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

Cause	SAIFI	SAIDI
Lightning	0.00	1.1
Vegetation	0.11	32.0
Adverse weather	0.36	77.3
Adverse environment	0.00	11.1
Third party interference	0.15	8.7
Wildlife	0.11	5.3
Human error	0.01	0.4
Defective equipment	0.48	32.6
Cause unknown	0.29	9.7

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.00	0.1
Subtransmission cables	–	–
Subtransmission other	0.07	2.1
Distribution lines (excluding LV)	0.01	4.1
Distribution cables (excluding LV)	0.00	0.0
Distribution other (excluding LV)	0.33	58.4

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.17	4.4
Subtransmission cables	–	–
Subtransmission other	0.05	1.0
Distribution lines (excluding LV)	0.86	144.6
Distribution cables (excluding LV)	0.06	2.2
Distribution other (excluding LV)	0.36	26.1

10(v): Fault Rate

Main equipment involved	Circuit length		Fault rate (faults per 100km)
	Number of Faults	(km)	
Subtransmission lines	8	274	2.92
Subtransmission cables	–	26	–
Subtransmission other	3		
Distribution lines (excluding LV)	167	2,134	7.83
Distribution cables (excluding LV)	8	200	3.99
Distribution other (excluding LV)	157		
Total	343		

Company Name Marlborough Lines Limited

For Year Ended 31 March 2022

Schedule 14 Mandatory Explanatory Notes

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

1. This schedule requires EDBs to provide explanatory notes to information provided in accordance with clauses 2.3.1, 2.4.21, 2.4.22, and subclauses 2.5.1(1)(f), and 2.5.2(1)(e).
2. This schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.1. Information provided in boxes 1 to 11 of this schedule is part of the audited disclosure information, and so is subject to the assurance requirements specified in section 2.8.
3. Schedule 15 (Voluntary Explanatory Notes to Schedules) provides for EDBs to give additional explanation of disclosed information should they elect to do so.

Return on Investment (Schedule 2)

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

Box 1: Explanatory comment on return on investment

MLL achieved a post-tax return on investment (ROI) of 7.96% and an ROI comparable to the vanilla WACC of 8.26%. These are both significantly higher than the mid-point regulated WACC of 3.52% and 3.82% respectively.

The main driver of the high reported ROI for the year was the high CPI rate of 6.93%, which is recorded in the regulatory profit statement as 'Total revaluations' and is treated as income. It is expected that all EDB's in New Zealand will be reporting higher ROI's in 2022 as a result of how CPI is treated in the regulatory calculations.

MLL typically reports a lower ROI than other EDB's partly due to the manner in which the ROI is calculated, which treats posted discounts (such as MLL's) as a deduction to revenue (line charge revenue is net of discounts) whereas if MLL's discount was discretionary (or not paid at all) like many other EDBs in the industry, then the discount is not included in the calculation. If MLL's discount was discretionary, rather than posted, then the ROI result would have been 10.50% (post tax) or 10.80% (vanilla).

Schedule 2 (iii) has not been completed as the value of assets commissioned for 2022 is less than 10% of our total opening RAB value (IDD 2.3.3).

No items were reclassified in the disclosure year.

Regulatory Profit (Schedule 3)

5. In the box below, comment on regulatory profit for the disclosure year as disclosed in Schedule 3. This comment must include-
 - 5.1 a description of material items included in other regulated income (other than gains / (losses) on asset disposals), as disclosed in 3(i) of Schedule 3
 - 5.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit

The operating surplus for 2022 of \$15.591m is 10% below MLL's 2021 result of \$17.246m largely as a result of the change to discount timing. Refer to Box 12 for an explanation of the impact of how changing the timing of MLL's discount payments has impacted line charge revenue.

The overall regulatory profit for 2022 of \$19.130m is up on last year's 2021 result of \$8.393m largely due to the higher revaluation income due to higher CPI in 2022 (6.93%) compared to 2021 (1.52%), contributing an additional \$12.709m of revaluation gains.

Other regulated income includes:

- Capacity and development charges
- Recoveries from fault work
- Sales of scrap (relating to the disposal of assets from the RAB)

No items have been reclassified in the disclosure year.

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

6. If the EDB incurred merger and acquisitions expenditure during the disclosure year, provide the following information in the box below-
 - 6.1 information on reclassified items in accordance with subclause 2.7.1(2)
 - 6.2 any other commentary on the benefits of the merger and acquisition expenditure to the EDB.

Box 3: Explanatory comment on merger and acquisition expenditure

No merger and acquisition expenditure has been included in these information disclosure accounts.

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)

MLL's RAB has increased by \$13.863m during the disclosure year. This increase is above the previous year's decrease, due to higher revaluation gains (\$16.2m) despite lower commissioned assets (\$8.6m) and higher depreciation (10.4m).

Disposals are lower in 2022 due to the nature of the work undertaken, with a focus in 2022 on system growth and quality of supply projects and also the replacement of older network equipment with low amounts of value remaining.

No items were reclassified in the disclosure year.

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

8. In the box below, provide descriptions and workings of the material items recorded in the following asterisked categories of 5a(i) of Schedule 5a-
- 8.1 Income not included in regulatory profit / (loss) before tax but taxable;
 - 8.2 Expenditure or loss in regulatory profit / (loss) before tax but not deductible;
 - 8.3 Income included in regulatory profit / (loss) before tax but not taxable;
 - 8.4 Expenditure or loss deductible but not in regulatory profit / (loss) before tax.

Box 5: Regulatory tax allowance: permanent differences

- 8.1 Nil
- 8.2 Non-deductible expenditure of \$21k
- 8.3 Nil
- 8.4 Nil

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

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

Box 6: Tax effect of other temporary differences (current disclosure year)

The tax effect of temporary differences includes the following:

Increase in employee provisions	\$26k
Decrease in bad debts provisions	\$17k
Amortisation of capital contributions	\$86k

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

Cost allocation is based on MLL's Field Services business unit being fully absorbed into the regulatory business as a consolidated group entity.

Non-directly attributable cost from the contracting business unit has been allocated to the regulatory business based on the proportion of labour used for that category of work.

No items have been reclassified in the disclosure year.

Asset allocation (Schedule 5e)

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

Box 8: Commentary on asset allocation

All costs incurred are directly attributable. All costs (time, plant and materials) are directly coded to the particular asset capital project and no cost allocation has taken place.

No items were reclassified in the disclosure year.

Capital Expenditure for the Disclosure Year (Schedule 6a)

12. In the box below, comment on expenditure on assets for the disclosure year, as disclosed in Schedule 6a. This comment must include-
- 12.1 a description of the materiality threshold applied to identify material projects and programmes described in Schedule 6a;
 - 12.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 9: Explanation of capital expenditure for the disclosure year

No general threshold has been applied to identify which programme a capital job has been placed in, however each job has been looked at and placed in the programme or project that was the main driver for that project.

There have been no reclassifications in accordance with clause 2.7.1(2).

Operational Expenditure for the Disclosure Year (Schedule 6b)

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

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

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

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

Box 10: Explanation of operational expenditure for the disclosure year

Asset replacement and renewal opex relates to where assets are replaced as part of a larger line asset, where the service potential is not improved. For example this may include items where crossarms are replaced but the pole is not.

There have been no reclassifications in accordance with clause 2.7.1(2).

There have been no items of atypical expenditure.

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 in 2022 was 37% below forecast, as the capital programme was put on hold in August and September 2021 to respond to the COVID-19 alert level restrictions, with work restricted to only essential works. Major capital projects were deferred as MLL sought to reduce any electricity outages to consumers and reduce contact between employees and the community. COVID isolation requirements have also meant that reduced resources have been available to deliver capital projects, causing delays to some of MLL's major capital projects, which have been pushed into the following year. One major customer driven project included in the forecast also did not proceed.

Operating expenditure in 2022 was 11% higher than that forecast, partly due to COVID-19 impacting capital programmes, with major capital projects being delayed and therefore a focus on easier to schedule maintenance tasks. MLL's network was also significantly impacted by a July 2021 storm event that impacted the network in the Marlborough Sounds and also significantly impacted MLL's ability to access its network, with major slips on key roads. Repairs to MLL's network, without road access, was high cost, with increased use of boats, barges and helicopters to restore supply. Higher than expected inflation has also increased the amount of opex incurred.

No items have been reclassified in the disclosure year.

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

MLL changed the timing of its discount payment in the prior year and has moved from paying a discount to consumers via their retailer in March to paying a discount to consumers, via their retailer in May. As a COVID-19 relief measure, MLL transitioned between the different discount periods, by bringing forward its discount payment and making a partial (six-month) discount payment in August 2020, with a further discount for an eight-month period paid in May 2021. As such, for the 2022 disclosure year, MLL paid only one discount payment in May 2021 for only eight months' worth of discount. This has had the impact of increasing net line charge revenue reported in Schedule 3, compared with if a full years' worth of discount had been paid. The Input Methodologies define a discount as one which is "taken up by consumers" which is assumed to mean paid/received.

Line charge revenue for 2022 of \$40.162m (net of the paid posted discount of \$5.640m) is 10% above target revenue of \$36.640m as MLL had incorporated a full 12 month discount payment into its target.

Network Reliability for the Disclosure Year (Schedule 10)

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

Box 13: Commentary on network reliability for the disclosure year

Unadjusted SAIDI for the year of 243.3 minutes was above last year's result of 138.4 minutes. 101 of these minutes relate to the July 2021 storm event that impacted the Marlborough Sounds area. As the storm event lasted multiple days, with separate outage events occurring over a four-day period the Major Event Day adjustment was limited in effect.

Normalised SAIDI for the year was 195 minutes, above last year's result of 138.4. The result was above MLL's forecast total SAIDI of 150 minutes from MLL's 2021 Asset Management Plan, primarily as a result of the July 2021 storm as mentioned above. If the full impact of the storm was able to be removed, then MLL's SAIDI would have been 142 minutes.

Normalised SAIFI of 1.93 is 29% above MLL's five year average SAIFI of 1.49.

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

The property insurance programme does not include cover for subtransmission and distribution lines. In the prevailing insurance market conditions, coverage for subtransmission and distribution lines is difficult to obtain and very expensive.

MLL insures zone substation buildings, but not the equipment inside (33kV/11kV transformers, switchgear).

Amendments to previously disclosed information

18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause 2.12.1 in the last 7 years, including:
 - 18.1 a description of each error; and
 - 18.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 15: Disclosure of amendment to previously disclosed information

There have been no amendments to previously disclosed information.

Company Name Marlborough Lines Limited
For Year Ended 31 March 2022

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

As further explained in section 10.1.1 of the 2021 Asset Management Plan, MLL adjusts its constant price capital expenditure forecast using an index based on the RBNZ forecast of CPI and its long run target CPI rate of 2%.

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.

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

As further explained in section 10.1.1 of the 2021 Asset Management Plan, MLL adjusts its constant price operational expenditure forecast using an index based on the RBNZ forecast of CPI and its long run target CPI rate of 2%.

Company Name Marlborough Lines Limited

For Year Ended 31 March 2022

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**Line charge revenue**

Schedule 3: Line charge revenue has been calculated post discount. The discount amount is specified in Schedule 8(ii) at \$5.460m.

Weighted average remaining lives

Schedule 4(vii) provides weighted average remaining lives as well as average expected total life. The required method of calculation weights the lives using the opening RAB value of the asset. As this value is a depreciated value it skews the weighted average remaining useful life towards the newer assets providing an indication that the overall network is much younger than it actually is. It is therefore not a good indicator of the average life of our network. Further information on the age of our assets is available in our published Asset Management Plan.

Reliability information

In accordance with the notification issued by the Commerce Commission on 22 August 2019 MLL discloses the following:

- The reliability information disclosed in Schedule 10 has been prepared on a basis consistent with the previous year's disclosure.
- MLL's outage recording software recognises successive interruptions following an initial outage by recording separate interruptions due to restoration and isolation of the initial outage, with the SAIFI value higher as a result.

Related party information

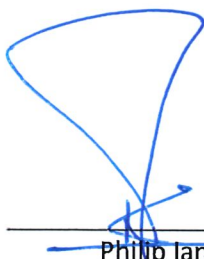
For the year ended 31 March 2022, MLL has determined that its Field Services business unit is not a related party. MLL has determined this on the basis that the Field Services business unit does not fall within the definition of a related party because it (a) does not meet the definition of a 'related party' in NZ IAS 24, and (b) is deemed to not be a 'part' of the EDB that supplies electricity distribution services, as its activity is closely associated with that of the regulated company and its external sales do not exceed the level of internal sales.

Schedule 18 Certification for Year-end Disclosures

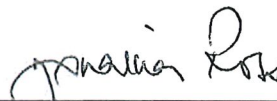
Clause 2.9.2

We, Philip Ian Robinson and Christopher Jonathan Ross, being Directors of Marlborough Lines Limited certify that, having made all reasonable enquiry, to the best of our knowledge:

- a) the information prepared for the purposes of clauses 2.3.1, 2.3.2, 2.4.21, 2.4.22, 2.5.1, 2.5.2, and 2.7.1 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and
- b) the historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 9e, 10 and 14 has been properly extracted from Marlborough Lines Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained; and
- 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.

A blue ink signature of Philip Ian Robinson, consisting of a large, stylized loop and a horizontal line.

Philip Ian Robinson

A blue ink signature of Christopher Jonathan Ross, written in a cursive style.

Christopher Jonathan Ross

24 August 2022



**INDEPENDENT ASSURANCE REPORT
TO THE DIRECTORS OF MARLBOROUGH LINES LIMITED AND TO THE COMMERCE COMMISSION
ON THE DISCLOSURE INFORMATION
FOR THE DISCLOSURE YEAR ENDED 31 MARCH 2022
AS REQUIRED BY
THE ELECTRICITY DISTRIBUTION INFORMATION DISCLOSURE DETERMINATION 2012 (CONSOLIDATED 9
DECEMBER 2021)**

Marlborough Lines Limited (the 'Company') is required to disclose certain information under the Electricity Distribution Information Disclosure Determination 2012 (consolidated 9 December 2021) (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, Pam Thompson, using the staff and resources of Deloitte Limited, to undertake a reasonable assurance engagement, on his behalf, on whether the information prepared by the Company for the disclosure year ended 31 March 2022 (the Disclosure Information) complies, in all material respects, with the Determination.

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

- Schedules 1 to 4, 5a to 5g, 6a and 6b, 7, 10 and 14 (limited to the explanatory notes in boxes 1 to 11) of the Determination.
- Clause 2.3.6 of the Determination and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012 (consolidated 20 May 2020) (the 'IM Determination'), in respect of the basis for valuation of related party transactions (the 'Related Party Transaction Information').

This assurance report should be read in conjunction with the Commerce Commission's Information Disclosure exemption, issued to all electricity distribution businesses on 17 May 2021 under clause 2.11 of the Determination. The Commerce Commission granted an exemption from the requirement that the assurance report, in respect of the information in Schedule 10 of the ID Determination, must take into account any issues arising out of the Company's recording of SAIDI, SAIFI, and number of interruptions due to successive interruptions.

Opinion

In our opinion, in all material respects:

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

Basis for opinion

We conducted our engagement in accordance with the Standard on Assurance Engagements (SAE) 3100 (Revised) *Assurance Engagements on Compliance*, issued by the New Zealand Auditing and Assurance

Standards Board. An engagement conducted in accordance with SAE (NZ) 3100 (Revised) requires that we comply with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised) *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information*.

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

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><i>Accuracy and completeness of the number and duration of electricity outages</i></p> <p>The Information Disclosure Determination defines certain quality measure in relation to the number of interruptions, faults, and causes of faults. These quality measures are expressed in the form of SAIDI and SAIFI values.</p> <p>The Company uses Supervisory Control & Data Acquisition (SCADA) to automatically log outages in the faults database. However, there are still manual processes in place to ensure that all outages are correctly recorded. In particular, manual processes are used for identifying outages and for recording the duration of outages in some locations.</p> <p>When outages occur in these locations the Company is often dependent on customers advising it of the outage. The means by which the advice from customers is recorded by the Company could result in inaccuracies in the reported Disclosure Information.</p> <p>Data from SCADA is then ultimately stored in Milsoft, and it is from this system that the Raw Data report is generated.</p> <p>Accuracy is a key audit matter because information on the frequency and duration of outages is an important measure about the reliability of electricity supply.</p> <p>Completeness is a key audit matter because the fault data is handled manually.</p> <p>The Company has disclosed the SAIDI and SAIFI values on the same basis as the prior year.</p>	<p>We have obtained an understanding of the Company's methods by which electricity outages and their duration are recorded.</p> <p>Our procedures to assess the adequacy of the Company's methods to identify and record electricity outages and their duration included:</p> <ul style="list-style-type: none"> • testing the design and implementation of the key control related to the recording and review of outage data; • testing a sample of outage events from the Raw Data report used to prepare the schedules to ensure the metrics surrounding the events such as start time, number of customers affected and end time were consistent with the fault log sheet and responding technicians records; • assessing the reasonableness of why certain events have not been recorded as an outage events; • testing a sample of outage sheets prepared by network engineers and independent call centre to ensure the outage event has been accurately recorded in the Raw Data report and to ensure this report is complete; • confirming whether major storm and outage events recorded in the media were appropriately recorded in the Raw Data report; • testing a sample of outage events to ensure the classification of the type of event is reasonable; • performing analytical procedures on the outage data, including analysing actual outages compared with prior year outages; • recalculating normalised SAIDI and SAIFI using the predetermined boundary limits; and • reviewing the disclosure in Schedule 14 in respect of the treatment of successive interruptions.

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 SAE (NZ) 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 independence and ethical requirements of Professional and Ethical Standard 1 issued by the New Zealand Auditing and Assurance Standards Board; and
- quality control requirements, which incorporate the quality control requirements of Professional and Ethical Standard 3 (Amended) issued by the New Zealand Auditing and Assurance Standards Board.

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

A handwritten signature in black ink that reads "Pam Thompson".

Pam Thompson
For Deloitte Limited
On behalf of the Auditor-General
Christchurch, New Zealand
24 August 2022