DISCLOSURE OF ERRORS IN PREVIOUSLY DISCLOSED INFORMATION

DY2023 INFORMATION DISCLOSURES

Introduction

Waipā Networks Limited (WNL) has restated certain information previously disclosed for the year ended 31 March 2023 (DY2023) following the identification of errors in historical regulatory asset base information used in preparing those disclosures.

These restated schedules supersede the corresponding information previously published by Waipa Networks Limited for DY2023. Information not affected by the corrections is reproduced as originally disclosed.

The corrections principally relate to the RAB roll-forward in Schedule 4 and result in consequential amendments to Schedules 1, 2, 3, 5a and 5e. In the original published information for DY2023 the RAB was understated by 1.2%, regulatory profit understated by 9%, and return on investment understated by 0.6 percentage points.

WNL has assessed the impact of these errors on all submitted schedules as not material, however has elected to restate the affected DY2023 schedules in accordance with clause 2.12.2 of the Electricity Distribution Information Disclosure Determination 2012.

Background

During DY2026 WNL implemented a new data model for Regulatory Asset Base (RAB) calculations and reporting. While reconciling the model to the historical excel workbooks, calculation errors were discovered across several years impacting depreciation, revaluations, assets commissioned, works under construction, and asset allocations.

To quantify the full impact of these errors, the corrected RAB figures were carried through to all related calculations and disclosures, and the consequential impact on every schedule was assessed.

Error impact and materiality assessment

The DY2023 closing RAB has been restated from $162.24 million to $164.09 million. Consequentially, vanilla ROI has been restated from 6.90% to 7.45%, regulatory profit including financial incentives and wash-ups from $9.97 million to $10.88 million, and the regulatory tax allowance from $1.72 million to $1.57 million.

Although multiple schedules are affected, the errors arise from a common set of historical RAB calculation issues. Having assessed the quantitative impact on the principal regulatory measures WNL concluded that the errors were not material.

Affected schedules

The revised information disclosure schedules accompanying this document contain the complete set of corrected disclosures. This summary identifies the schedules and principal disclosures that have been restated.

Schedule	Section	Nature of Change	Impact
1	Composition of Regulatory Income	Depreciation, revaluations, regulatory tax allowance and regulatory profit updated following correction of historical RAB roll-forward errors	Revised values disclosed
2	Return on Investment	Opening and closing RAB, RIV and ROI recalculated	ROI increased from 6.38% to 6.94% post-tax WACC
3	Regulatory Profit	Depreciation, revaluations, tax allowance and profit revised	Regulatory profit increased by $903k
4	RAB Value (Rolled Forward)	Historical depreciation, revaluations, commissioned assets and WUC corrected	Closing RAB value increased by $1.848 million following correction of historical roll-forward calculations
5a	Regulatory Tax Allowance	Consequential tax calculations revised	Tax allowance reduced by $151k
5e	Asset Allocations	Consequential changes to allocated RAB	Revised asset values disclosed

COMMERCE COMMISSION NEW ZEALAND

EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10

Company Name	Waipa Networks Limited
Disclosure Date	31 August 2026
Disclosure Year (year ended)	31 March 2023

Templates for Schedules 1–10 excluding 5f–5g
Template Version 5.1. Prepared 24 November 2022

Table of Contents

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 1: ANALYTICAL RATIOS

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with 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

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	32,218	464	158,675	5,874	45,673
Network	12,738	184	62,733	2,322	18,057
Non-network	19,480	281	95,942	3,551	27,616
Expenditure on assets	45,955	662	226,330	8,378	65,147
Network	32,674	471	160,921	5,957	46,320
Non-network	13,281	191	65,409	2,421	18,827

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
Total consumer line charge revenue	73,218	1,055
Standard consumer line charge revenue	82,701	983
Non-standard consumer line charge revenue	28,558	699,783

1(iii): Service intensity measures

Demand density	37	*Maximum coincident system demand per km of circuit length (for supply) (kW/km)*
Volume density	182	*Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)*
Connection point density	13	*Average number of ICPs per km of circuit length (for supply) (ICPs/km)*
Energy intensity	14,409	*Total energy delivered to ICPs per average number of ICPs (kWh/ICP)*

1(iv): Composition of regulatory income

	($000)	% of revenue
Operational expenditure	13,522	44.19%
Pass-through and recoverable costs excluding financial incentives and wash-ups	8,903	29.10%
Total depreciation	5,461	17.85%
Total revaluations	9,733	31.81%
Regulatory tax allowance	1,571	5.13%
Regulatory profit/(loss) including financial incentives and wash-ups	10,875	35.54%
Total regulatory income	30,599	

1(v): Reliability

Interruption rate	16.33	*Interruptions per 100 circuit km*

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of 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

sch ref	2(i): Return on Investment	CY-2	CY-1	Current Year CY
8		31 Mar 21	31 Mar 22	31 Mar 23
9	**ROI – comparable to a post tax WACC**	%	%	%
10	Reflecting all revenue earned	3.33%	9.01%	6.94%
11	Excluding revenue earned from financial incentives	3.33%	9.01%	6.94%
12	Excluding revenue earned from financial incentives and wash-ups	3.33%	9.01%	6.94%
13				
14	**Mid-point estimate of post tax WACC**	3.72%	3.52%	4.88%
15	25th percentile estimate	3.04%	2.84%	4.20%
16	75th percentile estimate	4.40%	4.20%	5.56%
17				
18				
19	**ROI – comparable to a vanilla WACC**			
20	Reflecting all revenue earned	3.66%	9.31%	7.45%
21	Excluding revenue earned from financial incentives	3.66%	9.31%	7.45%
22	Excluding revenue earned from financial incentives and wash-ups	3.66%	9.31%	7.45%
23				
24	**WACC rate used to set regulatory price path**			
25				
26	**Mid-point estimate of vanilla WACC**	4.05%	3.82%	5.39%
27	25th percentile estimate	3.37%	3.14%	4.71%
28	75th percentile estimate	4.73%	4.50%	6.07%
29				

sch ref		2(ii): Information Supporting the ROI		($000)	
31					
32		Total opening RAB value	146,526		
33	*plus*	Opening deferred tax	(6,529)		
34	**Opening RIV**			139,997	
35					
36	**Line charge revenue**			30,730	
37					
38		Expenses cash outflow	22,425		
39	*add*	Assets commissioned	13,422		
40	*less*	Asset disposals	130		
41	*add*	Tax payments	1,141		
42	*less*	Other regulated income	(130)		
43	**Mid-year net cash outflows**			36,988	
44					
45	**Term credit spread differential allowance**			–	
46					
47		Total closing RAB value	164,090		
48	*less*	Adjustment resulting from asset allocation	0		
49	*less*	Lost and found assets adjustment	–		
50	*plus*	Closing deferred tax	(6,959)		
51	**Closing RIV**			157,131	
52					
53		**ROI – comparable to a vanilla WACC**			7.45%
54					
55		Leverage (%)			42%
56		Cost of debt assumption (%)			4.38%
57		Corporate tax rate (%)			28%
58					
59		**ROI – comparable to a post tax WACC**			6.94%
60					

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

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

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

63 **Opening RIV** — N/A

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

81 **Tax payments** — N/A

83 **Term credit spread differential allowance** — N/A

85 **Closing RIV** — N/A

88 **Monthly ROI – comparable to a vanilla WACC** — N/A

90 **Monthly ROI – comparable to a post tax WACC** — N/A

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

94 **Year-end ROI – comparable to a vanilla WACC** — 7.41%

96 **Year-end ROI – comparable to a post tax WACC** — 6.90%

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

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

sch ref			
102	Net recoverable costs allowed under incremental rolling incentive scheme	–	
103	Purchased assets – avoided transmission charge		
104	Energy efficiency and demand incentive allowance		
105	Quality incentive adjustment		
106	Other financial incentives		
107	**Financial incentives**		–
109	**Impact of financial incentives on ROI**		–
111	Input methodology claw-back		
112	CPP application recoverable costs		
113	Catastrophic event allowance		
114	Capex wash-up adjustment		
115	Transmission asset wash-up adjustment		

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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			
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	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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

sch ref

3(i): Regulatory Profit

		($000)
	Income	
	Line charge revenue	30,730
plus	Gains / (losses) on asset disposals	(130)
plus	Other regulated income (other than gains / (losses) on asset disposals)	–
	Total regulatory income	30,599
	Expenses	
less	Operational expenditure	13,522
less	Pass-through and recoverable costs excluding financial incentives and wash-ups	8,903
	Operating surplus / (deficit)	8,174
less	Total depreciation	5,461
plus	Total revaluations	9,733
	Regulatory profit / (loss) before tax	12,446
less	Term credit spread differential allowance	–
less	Regulatory tax allowance	1,571
	Regulatory profit/(loss) including financial incentives and wash-ups	10,875

3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups

		($000)
Pass through costs		
Rates	109	
Commerce Act levies	51	
Industry levies	81	
CPP specified pass through costs		
Recoverable costs excluding financial incentives and wash-ups		
Electricity lines service charge payable to Transpower	8,079	
Transpower new investment contract charges	584	
System operator services		
Distributed generation allowance		
Extended reserves allowance		
Other recoverable costs excluding financial incentives and wash-ups		
Pass-through and recoverable costs excluding financial incentives and wash-ups		8,903

Company Name **Waipa Networks Limited**
For Year Ended **31 March 2023**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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

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

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

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

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

sch ref

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

	for year ended	RAB 31 Mar 19 ($000)	RAB 31 Mar 20 ($000)	RAB 31 Mar 21 ($000)	RAB 31 Mar 22 ($000)	RAB 31 Mar 23 ($000)
	Total opening RAB value	113,539	114,155	123,440	127,174	146,526
less	**Total depreciation**	4,017	4,132	4,499	4,622	5,461
plus	**Total revaluations**	1,679	2,886	1,871	8,802	9,733
plus	**Assets commissioned**	3,237	10,675	6,492	15,260	13,422
less	**Asset disposals**	284	143	131	87	130
plus	**Lost and found assets adjustment**	–	–	–	–	–
plus	**Adjustment resulting from asset allocation**	–	–	–	–	0
	Total closing RAB value	114,155	123,440	127,174	146,526	164,090

4(ii): Unallocated Regulatory Asset Base

		Unallocated RAB * ($000)	Unallocated RAB * ($000)	RAB ($000)	RAB ($000)
	Total opening RAB value		151,589		146,526
less					
	Total depreciation		5,493		5,461
plus					
	Total revaluations		10,052		9,733
plus					
	Assets commissioned (other than below)	5,541		5,541	
	Assets acquired from a regulated supplier	–		–	
	Assets acquired from a related party	7,881		7,881	
	Assets commissioned		13,422		13,422
less					
	Asset disposals (other than below)	130		130	
	Asset disposals to a regulated supplier	–		–	
	Asset disposals to a related party	–		–	
	Asset disposals		130		130
plus	**Lost and found assets adjustment**		(275)		–
plus	**Adjustment resulting from asset allocation**				0
	Total closing RAB value		169,165		164,090

** 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	**Waipa Networks Limited**
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SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2.

EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report requi by section 2.8.

sch ref

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

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

		Unallocated RAB *		RAB	
		($000)	($000)	($000)	($000)
	Total opening RAB value	151,589		146,526	
less	Opening value of fully depreciated, disposed and lost assets	546		271	
	Total opening RAB value subject to revaluation	151,042		146,255	
	Total revaluations		10,052		9,733

4(iv): Roll Forward of Works Under Construction

		Unallocated works under construction		Allocated works under construction	
	Works under construction—preceding disclosure year		2,625		2,586
plus	Capital expenditure	13,851		13,851	
less	Assets commissioned	13,422		13,422	
plus	Adjustment resulting from asset allocation				
	Works under construction - current disclosure year		3,054		3,015
	Highest rate of capitalised finance applied				–

4(v): Regulatory Depreciation

	Unallocated RAB *		RAB	
	($000)	($000)	($000)	($000)
Depreciation - standard	4,627		4,627	
Depreciation - no standard life assets	865		834	
Depreciation - modified life assets				
Depreciation - alternative depreciation in accordance with CPP				
Total depreciation		5,493		5,461

Company Name: **Waipa Networks Limited**
For Year Ended: **31 March 2023**

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

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

sch ref

85 **4(vi): Disclosure of Changes to Depreciation Profiles** **($000 unless otherwise specified)**

sch ref	Asset or assets with changes to depreciation*	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation
86					
87					
88					
89					
90					
91					
92					
93					
94					

95 ** include additional rows if needed*

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

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

sch ref			Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
98												
99		**Total opening RAB value**	20,003	–	–	30,418	24,599	32,681	19,482	6,535	12,809	146,526
100	*less*	Total depreciation	291	–	–	1,321	784	1,107	724	400	834	5,461
101	*plus*	Total revaluations	1,331	–	–	2,025	1,636	2,170	1,291	435	846	9,733
102	*plus*	Assets commissioned	–	–	–	1,451	542	3,195	1,277	1,383	5,574	13,422
103	*less*	Asset disposals	–	–	–	–	–	59	–	–	71	130
104	*plus*	Lost and found assets adjustment	–	–	–	–	–	–	–	–	–	–
105	*plus*	Adjustment resulting from asset allocation	–	–	–	–	–	–	–	–	–	–
106	*plus*	Asset category transfers	–	–	–	–	–	–	–	–	–	–
107		**Total closing RAB value**	21,043	–	–	32,572	25,993	36,879	21,326	7,953	18,323	164,090
108												
109		**Asset Life**										
110		Weighted average remaining asset life	50.1			29.5	40.0	34.2	31.4	19.6	17.3	(years)
111		Weighted average expected total asset life	55.0			59.7	53.1	45.0	40.3	30.3	18.6	(years)

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

sch ref					
7	**5a(i): Regulatory Tax Allowance**			**($000)**	
8		**Regulatory profit / (loss) before tax**		12,446	
9					
10	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	2,882		*
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible			*
12		Amortisation of initial differences in asset values	1,601		
13		Amortisation of revaluations	904		
14				5,387	
15					
16	*less*	Total revaluations	9,733		
17		Income included in regulatory profit / (loss) before tax but not taxable			*
18		Discretionary discounts and customer rebates	(32)		
19		Expenditure or loss deductible but not in regulatory profit / (loss) before tax			*
20		Notional deductible interest	2,521		
21				12,222	
22					
23		**Regulatory taxable income**		5,610	
24					
25	*less*	Utilised tax losses			
26		Regulatory net taxable income		5,610	
27					
28		Corporate tax rate (%)	28%		
29		**Regulatory tax allowance**		1,571	
30					
31	*	Workings to be provided in Schedule 14			
32	**5a(ii): Disclosure of Permanent Differences**				
33		In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).			
34	**5a(iii): Amortisation of Initial Difference in Asset Values**			**($000)**	
35					
36		Opening unamortised initial differences in asset values	36,816		
37	*less*	Amortisation of initial differences in asset values	1,601		
38	*plus*	Adjustment for unamortised initial differences in assets acquired			
39	*less*	Adjustment for unamortised initial differences in assets disposed			
40		Closing unamortised initial differences in asset values		35,215	
41					
42		Opening weighted average remaining useful life of relevant assets (years)		23	
43					

Company Name	**Waipa Networks Limited**
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SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

sch ref				
44	**5a(iv): Amortisation of Revaluations**			**($000)**
45				
46	Opening sum of RAB values without revaluations		124,225	
47				
48	Adjusted depreciation		4,558	
49	Total depreciation		5,461	
50	Amortisation of revaluations			904
51				
52	**5a(v): Reconciliation of Tax Losses**			**($000)**
53				
54	**Opening tax losses**			
55	Current period tax losses	*plus*		
56	Utilised tax losses	*less*		
57	**Closing tax losses**			–
58	**5a(vi): Calculation of Deferred Tax Balance**			**($000)**
59				
60	**Opening deferred tax**		(6,529)	
61				
62	Tax effect of adjusted depreciation	*plus*	1,276	
63				
64	Tax effect of tax depreciation	*less*	1,247	
65				
66	Tax effect of other temporary differences*	*plus*	(48)	
67				
68	Tax effect of amortisation of initial differences in asset values	*less*	448	
69				
70	Deferred tax balance relating to assets acquired in the disclosure year	*plus*		
71				
72	Deferred tax balance relating to assets disposed in the disclosure year	*less*	(36)	
73				
74	Deferred tax cost allocation adjustment	*plus*	(0)	
75				
76	**Closing deferred tax**			(6,959)
77				
78	**5a(vii): Disclosure of Temporary Differences**			
79	*In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).*			
80				
81	**5a(viii): Regulatory Tax Asset Base Roll-Forward**			
82				**($000)**
83	**Opening sum of regulatory tax asset values**		60,705	
84	Tax depreciation	*less*	4,453	
85	Regulatory tax asset value of assets commissioned	*plus*	15,854	
86	Regulatory tax asset value of asset disposals	*less*	–	
87	Lost and found assets adjustment	*plus*	–	
88	Adjustment resulting from asset allocation	*plus*	–	
89	Other adjustments to the RAB tax value	*plus*	–	
90	**Closing sum of regulatory tax asset values**			72,106

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

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

sch ref

5b(i): Summary—Related Party Transactions

	($000)	($000)
Total regulatory income		–
Market value of asset disposals		–
Service interruptions and emergencies	2,411	
Vegetation management	1,541	
Routine and corrective maintenance and inspection	583	
Asset replacement and renewal (opex)	801	
Network opex		5,336
Business support	–	
System operations and network support	524	
Operational expenditure		5,860
Consumer connection	3,158	
System growth	1,958	
Asset replacement and renewal (capex)	1,638	
Asset relocations	45	
Quality of supply	95	
Legislative and regulatory	–	
Other reliability, safety and environment	987	
Expenditure on non-network assets		–
Expenditure on assets		7,881
Cost of financing		
Value of capital contributions		
Value of vested assets		
Capital Expenditure		7,881
Total expenditure		13,741
Other related party transactions		

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

Name of related party	Nature of opex or capex service provided	Total value of transactions ($000)
Waikato Tree Services	Vegetation management	1,541
Waipa Networks - Contracting	Service interruptions and emergencies	2,411
Waipa Networks - Contracting	Routine and corrective maintenance and inspection	583
Waipa Networks - Contracting	Asset replacement and renewal (opex)	801
Waipa Networks - Contracting	System operations and network support	524
Waipa Networks - Contracting	Consumer connection	3,158
Waipa Networks - Contracting	System growth	1,958
Waipa Networks - Contracting	Asset replacement and renewal (capex)	1,638
Waipa Networks - Contracting	Asset relocations	45
Waipa Networks - Contracting	Quality of supply	95
Waipa Networks - Contracting	Legislative and regulatory	–
Waipa Networks - Contracting	Other reliability, safety and environment	987
Total value of related party transactions		13,741

** include additional rows if needed*

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

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

sch ref

55

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

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

sch ref

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	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

5d(i): Operating Cost Allocations

sch ref		Arm's length deduction	Value allocated ($000s) Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase ($000s)
10	**Service interruptions and emergencies**					
11	Directly attributable		2,411			
12	Not directly attributable				–	
13	**Total attributable to regulated service**		2,411			
14	**Vegetation management**					
15	Directly attributable		1,541			
16	Not directly attributable				–	
17	**Total attributable to regulated service**		1,541			
18	**Routine and corrective maintenance and inspection**					
19	Directly attributable		593			
20	Not directly attributable				–	
21	**Total attributable to regulated service**		593			
22	**Asset replacement and renewal**					
23	Directly attributable		801			
24	Not directly attributable				–	
25	**Total attributable to regulated service**		801			
26	**System operations and network support**					
27	Directly attributable		3,675			
28	Not directly attributable		165	501	666	
29	**Total attributable to regulated service**		3,840			
30	**Business support**					
31	Directly attributable		417			
32	Not directly attributable		3,919	587	4,506	
33	**Total attributable to regulated service**		4,336			
34						
35	**Operating costs directly attributable**		9,438			
36	**Operating costs not directly attributable**	–	4,084	1,088	5,172	–
37	**Operational expenditure**		13,522			
38						

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

5d(ii): Other Cost Allocations

	($000)
Pass through and recoverable costs	
Pass through costs	
Directly attributable	240
Not directly attributable	
Total attributable to regulated service	240
Recoverable costs	
Directly attributable	8,663
Not directly attributable	
Total attributable to regulated service	8,663

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

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

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

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

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

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

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

sch ref

7 5e(i): Regulated Service Asset Values

sch ref		Value allocated ($000s) Electricity distribution services
8		
9		
10	**Subtransmission lines**	
11	Directly attributable	21,043
12	Not directly attributable	
13	**Total attributable to regulated service**	21,043
14	**Subtransmission cables**	
15	Directly attributable	
16	Not directly attributable	
17	**Total attributable to regulated service**	–
18	**Zone substations**	
19	Directly attributable	
20	Not directly attributable	
21	**Total attributable to regulated service**	–
22	**Distribution and LV lines**	
23	Directly attributable	32,572
24	Not directly attributable	
25	**Total attributable to regulated service**	32,572
26	**Distribution and LV cables**	
27	Directly attributable	25,993
28	Not directly attributable	
29	**Total attributable to regulated service**	25,993
30	**Distribution substations and transformers**	
31	Directly attributable	36,879
32	Not directly attributable	
33	**Total attributable to regulated service**	36,879
34	**Distribution switchgear**	
35	Directly attributable	21,326
36	Not directly attributable	
37	**Total attributable to regulated service**	21,326
38	**Other network assets**	
39	Directly attributable	7,953
40	Not directly attributable	
41	**Total attributable to regulated service**	7,953
42	**Non-network assets**	
43	Directly attributable	17,231
44	Not directly attributable	1,092
45	**Total attributable to regulated service**	18,323
46		
47	**Regulated service asset value directly attributable**	162,997
48	**Regulated service asset value not directly attributable**	1,092
49	**Total closing RAB value**	164,090
50		

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

sch ref				($000) CY-1	($000) Current Year (CY)
52					
53	**Change in asset value allocation 1**				
54	Asset category		Original allocation		
55	Original allocator or line items		New allocation		
56	New allocator or line items		Difference	–	–
57					
58	Rationale for change				
59					
60					
61					
62	**Change in asset value allocation 2**				
63	Asset category		Original allocation		
64	Original allocator or line items		New allocation		
65	New allocator or line items		Difference	–	–
66					
67	Rationale for change				
68					
69					
70					
71	**Change in asset value allocation 3**				
72	Asset category		Original allocation		
73	Original allocator or line items		New allocation		
74	New allocator or line items		Difference	–	–
75					
76	Rationale for change				
77					
78					

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

80 *† include additional rows if needed*

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

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

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.
EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates).
This information is part of audited disclosure information (as defined in section 1.4 of 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		8,141
9		System growth		2,281
10		Asset replacement and renewal		2,102
11		Asset relocations		492
12		Reliability, safety and environment:		
13		Quality of supply	446	
14		Legislative and regulatory	–	
15		Other reliability, safety and environment	252	
16		**Total reliability, safety and environment**		698
17		**Expenditure on network assets**		13,713
18		Expenditure on non-network assets		5,574
19				
20		**Expenditure on assets**		19,287
21	*plus*	Cost of financing		–
22	*less*	Value of capital contributions		5,437
23	*plus*	Value of vested assets		–
24				
25		**Capital expenditure**		13,851
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		1,109
29		Research and development		–
		Cybersecurity (Commission only)		
30		**6a(iii): Consumer Connection**		
31		*Consumer types defined by EDB**	**($000)**	**($000)**
32		Residential	7,059	
33		General	1,081	
34		11kV	–	
35			–	
36			–	
37		** include additional rows if needed*		
38		**Consumer connection expenditure**		8,141
39				
40	*less*	Capital contributions funding consumer connection expenditure	4,281	
41		**Consumer connection less capital contributions**		3,859

42		**6a(iv): System Growth and Asset Replacement and Renewal**		**Asset Replacement and Renewal**
43			**System Growth**	
44			**($000)**	**($000)**
45		Subtransmission	–	–
46		Zone substations	–	–
47		Distribution and LV lines	1,282	195
48		Distribution and LV cables	27	597
49		Distribution substations and transformers	369	674
50		Distribution switchgear	560	632
51		Other network assets	43	4
52		**System growth and asset replacement and renewal expenditure**	2,281	2,102
53	*less*	Capital contributions funding system growth and asset replacement and renewal	61	333

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

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

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

sch ref			
54	**System growth and asset replacement and renewal less capital contributions**	2,220	1,769
55			

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

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

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

sch ref				
56		**6a(v): Asset Relocations**		
57		*Project or programme**	**($000)**	**($000)**
58				
59				
60				
61				
62				
63		** include additional rows if needed*		
64		All other projects or programmes - asset relocations	492	
65		**Asset relocations expenditure**		492
66	*less*	Capital contributions funding asset relocations	757	
67		**Asset relocations less capital contributions**		(265)
68				
69		**6a(vi): Quality of Supply**		
70		*Project or programme**	**($000)**	**($000)**
71		Install 11kV Dropout fuses spurs & services	27	
72		Disconnectors	–	
73		Install remote control switches	–	
74		Install TMU-HTI 110kV line	–	
75		St Kilda Feeder reconfiguration	–	
76		** include additional rows if needed*		
77		All other projects programmes - quality of supply	419	
78		**Quality of supply expenditure**		446
79	*less*	Capital contributions funding quality of supply	5	
80		**Quality of supply less capital contributions**		441
81		**6a(vii): Legislative and Regulatory**		
82		*Project or programme**	**($000)**	**($000)**
83				
84				
85				
86				
87				
88		** include additional rows if needed*		
89		All other projects or programmes - legislative and regulatory		
90		**Legislative and regulatory expenditure**		–
91	*less*	Capital contributions funding legislative and regulatory		
92		**Legislative and regulatory less capital contributions**		–
93		**6a(viii): Other Reliability, Safety and Environment**		
94		*Project or programme**	**($000)**	**($000)**
95		Replace two pole sub structure	14	
96				
97				
98				
99				
100		** include additional rows if needed*		
101		All other projects or programmes - other reliability, safety and environment	238	
102		**Other reliability, safety and environment expenditure**		252
103	*less*	Capital contributions funding other reliability, safety and environment	–	

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

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

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

sch ref		
104	**Other reliability, safety and environment less capital contributions**	252
105		

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

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

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

sch ref			
106	**6a(ix): Non-Network Assets**		
107	**Routine expenditure**		
108	*Project or programme**	**($000)**	**($000)**
109			
110			
111			
112			
113			
114	** include additional rows if needed*		
115	All other projects or programmes - routine expenditure	5,574	
116	**Routine expenditure**		5,574
117	**Atypical expenditure**		
118	*Project or programme**	**($000)**	**($000)**
119		–	
120			
121			
122			
123			
124	** include additional rows if needed*		
125	All other projects or programmes - atypical expenditure	–	
126	**Atypical expenditure**		–
127			
128	**Expenditure on non-network assets**		5,574

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

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

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

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

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

sch ref			
7	**6b(i): Operational Expenditure**	**($000)**	**($000)**
8	Service interruptions and emergencies	2,411	
9	Vegetation management	1,541	
10	Routine and corrective maintenance and inspection	593	
11	Asset replacement and renewal	801	
12	**Network opex**		5,346
13	System operations and network support	3,840	
14	Business support	4,336	
15	**Non-network opex**		8,176
16			
17	**Operational expenditure**		13,522
18	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
19	*EDBs' must disclose both a public version of this Schedule (excluding cybersecurity cost data) and a confidential version of this Schedule (including cybersecurity costs)*		
20	Energy efficiency and demand side management, reduction of energy losses		–
21	Direct billing*		N/A
22	Research and development		N/A
23	Insurance		–
24	Cybersecurity (Commission only)		
25	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.
EDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of 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	30,540	30,730	1%
9	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
10	Consumer connection	4,218	8,141	93%
11	System growth	3,322	2,281	(31%)
12	Asset replacement and renewal	3,021	2,102	(30%)
13	Asset relocations	178	492	176%
14	Reliability, safety and environment:			
15	Quality of supply	1,065	446	(58%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	460	252	(45%)
18	**Total reliability, safety and environment**	1,525	698	(54%)
19	**Expenditure on network assets**	12,264	13,713	12%
20	Expenditure on non-network assets	4,103	5,574	36%
21	Expenditure on assets	16,367	19,287	18%
22	**7(iii): Operational Expenditure**			
23	Service interruptions and emergencies	994	2,411	143%
24	Vegetation management	1,034	1,541	49%
25	Routine and corrective maintenance and inspection	689	593	(14%)
26	Asset replacement and renewal	591	801	36%
27	**Network opex**	3,308	5,346	62%
28	System operations and network support	3,648	3,840	5%
29	Business support	7,520	4,336	(42%)
30	**Non-network opex**	11,168	8,176	(27%)
31	**Operational expenditure**	14,476	13,522	(7%)
32	**7(iv): Subcomponents of Expenditure on Assets (where known)**			
33	Energy efficiency and demand side management, reduction of energy losses	–	–	–
34	Overhead to underground conversion	–	1,109	–
35	Research and development	–	–	–
36				
37	**7(v): Subcomponents of Operational Expenditure (where known)**			
38	Energy efficiency and demand side management, reduction of energy losses	N/A	–	–
39	Direct billing	N/A	N/A	–
40	Research and development	N/A	N/A	–
41	Insurance	N/A	–	–
42				
43	*1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination*			

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.
EDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of 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

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

Company Name	Waipa Networks Limited
For Year Ended	31 March 2023
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

sch ref

8 **8(i): Billed Quantities by Price Component**

sch ref	Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	delivered to ICPs in disclosure year (MWh)
15	Domestic	Residential	Standard	23,659	174,680
16	Non Domestic	General	Standard	5,266	112,406
17	Unmetered	General	Standard	126	–
18	400V Capacity Contract	General	Standard	64	36,169
19	11KV	General	Standard	10	22,935
20	11KV	General	Non-standard	3	73,512
21			[Select one]		
22			[Select one]		
23			[Select one]		
24			[Select one]		
25	*Add extra rows for additional consumer groups or price category codes as necessary*				
26			**Standard consumer totals**	29,125	346,189
27			**Non-standard consumer totals**	3	73,512
28			**Total for all consumers**	29,128	419,702

Billed quantities by price component

sch ref	Price component	Combined	Uncontrolled	Controlled	Night only	Day	Night	Peak	Off Peak	Shoulder
13	**Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)**	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
15		9,041,882	30,922,546	22,743,237	340,266	–	–	33,435,291	22,982,143	34,515,204
16			52,116,156	10,883,242	459,859	–	–	14,366,821	10,571,710	19,256,779
17										
18				281,111				8,292,403	10,212,372	17,383,120
19								5,645,526	6,323,200	10,965,851
20			73,512,302							
21										
22										
23										
24										
26		9,041,882	83,038,701	33,907,589	800,125	–	–	61,740,041	50,089,426	82,120,954
27		–	73,512,302	–	–	–	–	–	–	–
28		9,041,882	156,551,003	33,907,589	800,125	–	–	61,740,041	50,089,426	82,120,954

sch ref	Peak All Inclusive	Off Peak All Inclusive	Shoulder All Inclusive	StreetLights	Builders Temporary	Fixed Daily Charge	Capacity Charge	Monthly Charge	Transformer	
13	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	*Add extra columns for additional billed quantities by price component as necessary*
15	7,527,944	5,039,084	8,132,492							Completed by TEC
16				353,927	4,397,292					Completed by TEC
17										Completed by TEC
18										Completed by TEC
19										Completed by TEC
20										Completed by TEC
21										Completed by TEC
22										Completed by TEC
23										Completed by TEC
24										Completed by TEC
26	7,527,944	5,039,084	8,132,492	353,927	4,397,292	–	–	–	–	
27	–	–	–	–	–	–	–	–	–	
28	7,527,944	5,039,084	8,132,492	353,927	4,397,292	–	–	–	–	

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	charge revenue in disclosure year	revenue foregone from posted discounts (if	Total distribution line charge revenue	Total transmission line charge revenue (if available)
Domestic	Residential	Standard	$15,010		$15,010	
Non Domestic	Commercial	Standard	$9,839		$9,839	
Unmetered	Commercial	Standard	$50		$50	
400V Capacity Contract	Commercial	Standard	$2,530		$2,530	
11KV	Commercial	Standard	$1,201		$1,201	
11KV	Commercial	Non-standard	$2,099		$2,099	
		[Select one]	–		–	
		[Select one]	–		–	
		[Select one]	–		–	
		[Select one]	–		–	
		Standard consumer totals	$28,630	–	$28,630	–
		Non-standard consumer totals	$2,099	–	$2,099	–
		Total for all consumers	$30,730	–	$30,730	–

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

Line charge revenues ($000) by price component

Price component	Combined	Uncontrolled	Controlled	Night only	Day	Night	Peak	Off Peak	Shoulder
Rate (eg, $ per day, $ per kWh, etc.)	$ per kwh	$ per kwh	$ per kwh	$ per kwh	$ per kwh	$ per kwh	$ per kwh	$ per kwh	$ per kwh
Domestic	$703	$2,665	$392	$4	–	–	$4,223	$282	$2,716
Non Domestic		$4,499	$188	$6	–	–	$1,810	$130	$1,511
Unmetered									
400V Capacity Contract			$6				$487	$137	$695
11KV (Standard)							$230	$74	$309
11KV (Non-standard)									
Standard consumer totals	$703	$7,164	$585	$10	–	–	$6,751	$623	$5,231
Non-standard consumer totals	–	–	–	–	–	–	–	–	–
Total for all consumers	$703	$7,164	$585	$10	–	–	$6,751	$623	$5,231

Price component	Peak All Inclusive	Off Peak All Inclusive	Shoulder All Inclusive	StreetLights	Builders Temporary	Fixed Daily Charge	Capacity Charge	Monthly Charge	Transformer
Rate (eg, $ per day, $ per kWh, etc.)	$ per kwh	$ per kwh	$ per day	kVA of capacity	$ per Month	$ per Day	Days	$ per Month	$ per kVA/month
Domestic	$874	$62	$556			$2,532			
Non Domestic				$40	$508	$1,147			
Unmetered						$50			
400V Capacity Contract						$1,205			
11KV (Standard)						$504			$84
11KV (Non-standard)								$2,099	
Standard consumer totals	$874	$62	$556	$40	$508	$5,438	–	–	$84
Non-standard consumer totals	–	–	–	–	–	–	–	$2,099	–
Total for all consumers	$874	$62	$556	$40	$508	$5,438	–	$2,099	$84

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

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end	3	**Check**	**OK**

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 9a: ASSET REGISTER

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

sch ref

	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1–4)
8								
9	All	Overhead Line	Concrete poles / steel structure	No.	20,788	20,810	22	3
10	All	Overhead Line	Wood poles	No.	1,505	1,482	(23)	3
11	All	Overhead Line	Other pole types	No.	3	–	(3)	
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	–	–	–	
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	36	36	–	3
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	–	–	–	
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	–	–	–	
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	–	–	–	
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	–	–	–	
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	–	–	–	
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	–	–	–	
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	–	–	
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	–	–	–	
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	–	–	–	
29	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	–	–	–	
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	–	–	–	
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	–	–	–	
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	–	–	–	
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,236	1,233	(4)	2
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km		–	–	
37	HV	Distribution Line	SWER conductor	km		–	–	
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	167	170	3	1
39	HV	Distribution Cable	Distribution UG PILC	km	1	1	0	1
40	HV	Distribution Cable	Distribution Submarine Cable	km		–	–	
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	116	117	1	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.		–	–	
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	5,396	5,463	67	1
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.		–	–	
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	119	178	59	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,792	2,817	25	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	858	884	26	3
48	HV	Distribution Transformer	Voltage regulators	No.	57	57	–	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.		–	–	
50	LV	LV Line	LV OH Conductor	km	507	507	0	2
51	LV	LV Cable	LV UG Cable	km	347	358	11	1
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	91	92	1	1
53	LV	Connections	OH/UG consumer service connections	No.	28,550	28,791	241	4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	148	155	7	3
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	–	4
56	All	Capacitor Banks	Capacitors including controls	No	–	–	–	4
57	All	Load Control	Centralised plant	Lot	3	3	–	4
58	All	Load Control	Relays	No	19,051	18,952	(99)	1
59	All	Civils	Cable Tunnels	km	–	–	–	

Company Name: **Waipa Networks Limited**
For Year Ended: **31 March 2023**
Network / Sub-network Name:

SCHEDULE 9b: ASSET AGE PROFILE

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

sch ref

8 **Disclosure Year (year ended)** 31 March 2023

Number of assets at disclosure year end by installation date

sch ref	Voltage	Asset category	Asset class	Units	pre-1940	1940–1949	1950–1959	1960–1969	1970–1979	1980–1989	1990–1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	No. with age unknown	end of year (quantity)	No. with default dates	Data accuracy (1–4)
10	All	Overhead Line	Concrete poles / steel structure	No.	–	–	10	1,609	3,328	8,292	2,501	192	198	196	288	206	260	200	200	247	242	309	255	220	237	242	155	341	143	198	175	221	153	154	38				20,810		3
11	All	Overhead Line	Wood poles	No.	–	–	17	224	206	435	484	3	6	1	3	2	1	5	6	2	1	43	–	27	1	–	–	–	–	5	4	3	–	3	–				1,482		3
12	All	Overhead Line	Other pole types	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	35	–	–	–	–	–	–	–				36		3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
30	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1	–	–	0	22	740	444	6	4	2	0	2	0	3	3	3	0	1	–	0	–	–	0	–	–	–	1	–	–	0	–				1,233		2
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
38	HV	Distribution Line	SWER conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km	3	–	–	3	7	17	24	3	3	3	2	5	8	11	7	6	4	2	1	2	3	4	2	6	6	5	11	10	5	3	0				170		1
40	HV	Distribution Cable	Distribution UG PILC	km	–	–	–	1	0	0	0	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				1		1
41	HV	Distribution Cable	Distribution Submarine Cable	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	–	–	–	–	1	1	–	–	–	–	–	5	1	6	5	6	6	12	12	15	13	12	11	–	–	2	1	6	–	2	–				117		3
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1	8	92	256	599	266	632	57	113	94	161	130	167	171	162	158	148	137	185	171	204	202	171	166	151	173	177	192	150	142	27				5,463		1
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	–	–	–	–	12	–	–	–	–	–	1	5	7	9	5	13	8	4	4	6	9	2	7	4	11	10	14	14	6	22	5				178		3
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	2	–	36	178	189	348	372	43	59	81	61	61	93	94	43	111	58	48	84	70	80	117	60	91	55	92	86	76	80	49	–				2,817		3
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	–	–	–	5	36	51	40	20	19	9	19	20	46	27	39	39	44	29	49	42	46	41	32	44	31	46	47	36	17	10	–				884		3
49	HV	Distribution Transformer	Voltage regulators	No.	–	–	–	–	5	–	2	1	6	4	4	4	–	8	–	–	–	2	–	–	–	2	5	–	3	3	–	6	2	–	–				57		3
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		
51	LV	LV Line	LV OH Conductor	km	0	–	–	–	10	380	113	3	1	0	1	0	0	–	0	0	–	–	–	–	0	–	–	–	0	0	–	0	–	–	–				507		2
52	LV	LV Cable	LV UG Cable	km	–	–	–	4	30	49	46	6	4	3	6	12	15	12	15	17	8	5	5	6	10	10	9	12	18	11	12	10	13	10	1				358		1
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	–	–	–	1	10	12	13	2	0	0	0	1	5	3	4	4	2	2	0	1	3	3	3	3	9	4	2	2	3	1	–				92		1
54	LV	Connections	OH/UG consumer service connections	No.	5	75	876	3,779	4,589	4,907	3,445	305	277	325	427	436	531	560	606	438	370	364	344	366	466	512	548	596	575	530	505	534	602	593	305				28,791		4
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	–	–	–	–	–	–	1	1	2	1	2	4	–	6	6	5	5	8	12	11	9	15	24	7	1	5	6	4	6	7	7				155		3
56	All	SCADA and communications	SCADA and communications equipment operating as a single syst	Lot	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				1		4
57	All	Capacitor Banks	Capacitors including controls	No	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		4
58	All	Load Control	Centralised plant	Lot	–	–	–	–	1	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				3		4
59	All	Load Control	Relays	No	–	2	27	119	77	92	358	100	1,285	6,642	87	84	30	228	343	1,351	1,936	1,097	769	1,315	950	883	23	258	263	164	81	127	122	122	17				18,952		1
60	All	Civils	Cable Tunnels	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				–		

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref				
9				
10	**Circuit length by operating voltage (at year end)**	**Overhead (km)**	**Underground (km)**	**Total circuit length (km)**
11	> 66kV	36	–	36
12	50kV & 66kV	–	–	–
13	33kV	–	–	–
14	SWER (all SWER voltages)	–	–	–
15	22kV (other than SWER)	–	–	–
16	6.6kV to 11kV (inclusive—other than SWER)	1,233	172	1,404
17	Low voltage (< 1kV)	504	358	862
18	**Total circuit length (for supply)**	1,773	530	2,302
19				
20	Dedicated street lighting circuit length (km)	67	92	159
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	213	12%	
25	Rural	1,480	83%	
26	Remote only	–	–	
27	Rugged only	80	5%	
28	Remote and rugged	–	–	
29	Unallocated overhead lines	(0)	-0%)	
30	**Total overhead length**	1,773	100%	
31				
32		**Circuit length (km)**	**(% of total circuit length)**	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	162	7%	
34		**Circuit length (km)**	**(% of total overhead length)**	
35	Overhead circuit requiring vegetation management	1,269	72%	

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

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

sch ref	Location *	Number of ICPs served	Line charge revenue ($000)
8			
9	Lakewood	66	41
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	**Waipa Networks Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref				
8	**9e(i): Consumer Connections**			
9	*Number of ICPs connected in year by consumer type*			
10	*Consumer types defined by EDB**		**Number of connections (ICPs)**	
11	Residential		777	
12	General		119	
13	Unmetered		–	
14	11KV			
15				
16	** include additional rows if needed*			
17	**Connections total**		896	
18				
19	*Number of ICPs decommissioned in year by consumer type*			
20	*Consumer types defined by EDB**		**Number of decommissionings**	
21	[EDB consumer type]			
22	[EDB consumer type]			
23	[EDB consumer type]			
24	[EDB consumer type]			
25	[EDB consumer type]			
26	** include additional rows if needed*			
27	**Decommissionings total**		–	
28				
29	**Distributed generation**			
30	Number of connections made in year		157	**connections**
32	Capacity of distributed generation installed in year		4.21	**MVA**
33				
34	**9e(ii): System Demand**			
35				
36				
37	**Maximum coincident system demand**		**Demand at time of maximum coincident demand (MW)**	
38	GXP demand		85	
39	Distributed generation output at HV and above	*plus*	–	
40	**Maximum coincident system demand**		85	
41	Net transfers to (from) other EDBs at HV and above	*less*		
42	**Demand on system for supply to consumers' connection points**		85	
43	**Electricity volumes carried**		**Energy (GWh)**	
44	Electricity supplied from GXPs		441	
45	Electricity exports to GXPs	*less*		
46	Electricity supplied from distributed generation	*plus*	0	
47	Net electricity supplied to (from) other EDBs	*less*		
48	**Electricity entering system for supply to consumers' connection points**		441	
49	Total energy delivered to ICPs	*less*	420	
51	**Electricity losses (loss ratio)**		21	4.8%
52				
53	**Load factor**		0.59	
54	**9e(iii): Transformer Capacity**			
55			**(MVA)**	
56	Distribution transformer capacity (EDB owned)		296	
57	Distribution transformer capacity (Non-EDB owned, estimated)		7	
58	**Total distribution transformer capacity**		303	
59				
60	**Zone substation transformer capacity**		n/a	
61				

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

sch ref

8 ## 10(i): Interruptions

sch ref	Interruptions by class	Number of interruptions
10	Class A (planned interruptions by Transpower)	–
11	Class B (planned interruptions on the network)	121
12	Class C (unplanned interruptions on the network)	255
13	Class D (unplanned interruptions by Transpower)	–
14	Class E (unplanned interruptions of EDB owned generation)	–
15	Class F (unplanned interruptions of generation owned by others)	–
16	Class G (unplanned interruptions caused by another disclosing entity)	–
17	Class H (planned interruptions caused by another disclosing entity)	–
18	Class I (interruptions caused by parties not included above)	–
19	**Total**	376

20

sch ref	Interruption restoration	≤3Hrs	>3hrs
22	Class C interruptions restored within	179	76

23

sch ref	SAIFI and SAIDI by class	SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	–	–
26	Class B (planned interruptions on the network)	0.22	59.57
27	Class C (unplanned interruptions on the network)	2.09	404.82
28	Class D (unplanned interruptions by Transpower)	–	–
29	Class E (unplanned interruptions of EDB owned generation)	–	–
30	Class F (unplanned interruptions of generation owned by others)	–	–
31	Class G (unplanned interruptions caused by another disclosing entity)	–	–
32	Class H (planned interruptions caused by another disclosing entity)	–	–
33	Class I (interruptions caused by parties not included above)	–	–
34	**Total**	2.31	464.39

35

sch ref	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	2.23	175.7

38

39 **Transitional SAIDI and SAIDI (previous method)** — SAIFI / SAIDI

40 *Where EDBs do not currently record their SAIFI and SAIDI values using the 'multi-count' approach, they shall continue to record their SAIFI and SAIDI values on the same basis that they employed as at 31 March 2023 as 'Transitional SAIFI' and 'Transitional SAIDI' values, in addition to their SAIFI and SAIDI values (Classes B & C) using the 'multi-count approach'.* ***This is a transitional reporting requirement that shall be in place for the 2024. 2025. and 2026 disclosure vears.***

sch ref		SAIFI	SAIDI
41	Class B (planned interruptions on the network)		
42	Class C (unplanned interruptions on the network)		

43

Company Name	**Waipa Networks Limited**
For Year Ended	**31 March 2023**
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information is part of audited disclosure information (as defined in section 1.4 of 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	0.08	2.52
Vegetation	0.41	43.56
Adverse weather	0.33	231.17
Adverse environment	0.03	2.52
Third party interference	0.24	36.96
Wildlife	0.06	5.70
Human error	0.14	6.19
Defective equipment	0.38	51.67
Cause unknown	0.43	20.98

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

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

Main equipment involved	**SAIFI**	**SAIDI**
Subtransmission lines		
Subtransmission cables		
Subtransmission other		
Distribution lines (excluding LV)	0.19	53.1
Distribution cables (excluding LV)	0.01	1.9
Distribution other (excluding LV)	0.02	4.6

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

Main equipment involved	**SAIFI**	**SAIDI**
Subtransmission lines		
Subtransmission cables		
Subtransmission other		
Distribution lines (excluding LV)	0.17	94.5
Distribution cables (excluding LV)	0.01	2.1
Distribution other (excluding LV)	1.91	304.6

10(v): Fault Rate

Main equipment involved	**Number of Faults**	**Circuit length (km)**	**Fault rate (faults per 100km)**
Subtransmission lines			–
Subtransmission cables			–
Subtransmission other			
Distribution lines (excluding LV)	11	1,233	0.89
Distribution cables (excluding LV)	2	172	1.16
Distribution other (excluding LV)	242		
Total	255		

Company Name	Waipa Networks Limited
For Year Ended	31 March 2023

Schedule 14 Mandatory Explanatory Notes

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

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

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

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

Return on Investment (Schedule 2)

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

Box 1: Explanatory comment on return on investment

The return on investment (schedule 2) has been completed in accordance with the Commerce Commission’s requirements. There were no reclassified items during the year.

This Schedule has been restated to reflect corrections to the regulatory asset base information in Schedule 4. The corrections affect the average RAB, regulatory profit and other inputs to the ROI calculation. As a result, vanilla ROI has been restated from 6.90% to 7.45%.

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 regulatory profit (schedule 3) has been completed in accordance with the Commerce Commission’s requirements. There are no material items that need to be disclosed. There were no reclassified items during the year.

This Schedule has been restated for consequential changes arising from corrections to the regulatory asset base information in Schedule 4. Total depreciation has been restated from $6.15 million to $5.46 million, total revaluations from $9.67 million to $9.73 million, and the regulatory tax allowance from $1.72 million to $1.57 million. Consequently, regulatory profit before tax has been restated from $11.69 million to $12.45 million and regulatory profit including financial incentives and wash-ups from $9.97 million to $10.88 million.

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

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

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

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

Box 3: Explanatory comment on merger and acquisition expenditure

There was no merger and acquisition expenses during the year.

Value of the Regulatory Asset Base (Schedule 4)

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

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

The value of the regulatory asset base (schedule 4) has been completed in accordance with the Commerce Commission’s requirements. There were no reclassified items during the year.

Schedule 4 has been restated to correct errors identified in the historical RAB roll-forward information used in preparing the disclosure. The corrections include the opening RAB, depreciation, revaluations, assets commissioned and associated asset-category information. The corrections have been carried through the historical RAB roll-forward and the affected calculations for the year ended 31 March 2023.

As a result, the closing RAB at 31 March 2023 has been restated from $162.24 million to $164.09 million.

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

Current year portion of the Third Party Contribution costs
which are being amortised over 10 years $2,787k
Revenue from Miscellaneous fees $ 94k
Total Permanent differences $2,882k

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)

Tax effect of other temporary difference as disclosed in 5a(vi) is as follows;

Wages Provisions $191k
Creditors $90k
Provision for Car Accidents $301k
Total Temporary Timing Differences 31 March 2023 $598k

Wages Provisions $138k
Creditors $240k
Provision for Car Accidents $392k
Total Temporary Timing Differences 31 March 2022 $770k

Movement in Timing Differences $-172k

Tax effect of timing difference $-48k

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

Waipa Networks Limited allocates costs between its EDB and non-EDB services. Non electricity distribution services include the cost to Waipa Networks Limited of providing contracting services and tree services. These non-EDB operations are wholly controlled by Waipa Networks Limited and are therefore considered related parties when preparing these information disclosures.

- Waipa Networks Contracting is a trading department of Waipa Networks Limited. The principal activities are construction and maintenance of electrical networks.
- Waikato Tree Services is the trading name of another trading department of Waipa Networks Limited whose principal activity is vegetation management.

Operating costs are allocated to the Electricity Distribution business using the Accounting based allocation approach (ABAA). The Proxy used for the basis of allocation is relevant to the time employees spent on activities in EDB versus non-EDB services, or in the case of property costs, area occupied by those business support services. There were no reclassified items during the year.

Asset allocation (Schedule 5e)

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

Box 8: Commentary on asset allocation

Land and buildings assets are assets shared by Waipa Networks Limited's EDB and non-EDB operations. Asset values are allocated based on a proxy relationship (area occupied by EDB versus non-EDB operations).

Schedule 5e has been restated for changes to regulated service asset values arising from the corrections to the RAB information in Schedule 4. The total closing RAB disclosed in Schedule 5e has consequently been restated from $162.24 million to $164.09 million.

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

Capital Expenditure

Capital Expenditure on network assets was $13.7m. $4.3m of this was funded from third party capital contributions.

Non-network capital expenditure was $5.6m

Related Parties

Across network and non-network assets, $7.9m of the capital expenditure was from a related party (Schedule 5b). As described in Box 7, Waipa Networks Limited has its own Contracting services that deliver asset construction services for the EDB.

Materiality

Waipa Networks' materiality threshold is 10% for capital expenditure on any category of network assets capital expenditures exceeding $250,000. Material projects are also those that span multiple years.

Reclassified Items

No expenditure was reclassified during the disclosure year (March 2023).

Atypical Capital Expenditure

There was no Atypical Capital expenditure on non-network assets during the disclosure year (March 2023).

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

Operational Expenditure

Overall Operational Expenditure was $13.5m.

Reclassified Items

No items were reclassified during the disclosure year.

Atypical Operational Expenditure

No atypical operational expenditure occurred during the disclosure year (March 2023)

Related parties

$5.8m of expenditure was from a related party (Schedule 5b). As described in Box 7, Waipa Networks Limited has its own Contracting and Tree services that deliver operating services for the EDB.

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

Capital Expenditure

Capital Expenditure on network assets was $13.7m which was $1.4m (12%) above the forecast of $12.2m set for the disclosure year.

Consumer Connections: Expenditure was $8,141k which was 93% above the forecast of $4,218k due to strong subdivision activities in the Waipa region.

System Growth: Expenditure was $2,281k which was 31% below the forecast of $3,322k. Expenditure covered a range of asset classes including distribution and LV circuits, transformers, fuses and switches. The delay of the Te Awamutu GXP Feeder Cable Upgrade project ($1,755k) due to council consent, and the deferral of the Future Digital Data Communications Network project ($325k) were the main contributors.

Asset Replacement and Renewal: Expenditure was $2,102k which was 30% below the forecast of $3,021k. Expenditure covered a range of asset classes including distribution and LV circuits, transformers, fuses, and switches. Replacement of transformers, fuses, ring main units and switches were a major contributor to under expenditure.

Asset Relocation: Expenditure was $492k which was above forecast of $178k by 176% relating to Local Council, NZTA road redevelopment and deviations and relocations to support the strong subdivision developments.

Reliability, Safety and Environment (Quality of Supply): Expenditure was $446k which was 58% below the forecast of $1,065k. The project to install remote control switches / loop automation ($570k) was reprogrammed and deferred and thus contributed to the underspend.

Reliability, Safety and Environment (Other Reliability, Safety and Environment): Expenditure was $252k which was 45% below the forecast of $460k. The underspending was mainly contributed by seismic strengthening of Voltage Regulator structures project ($278k) due to delays in resolving site geotechnical (liquefaction) issues.

Non-network capital expenditure was $5.6m, $1.5m above the forecast of $4.1m due to additional spend on Land purchase costs and Equipment.

Operational Expenditure: Overall Operational Expenditure was $13.5m which was $954k (7%) below forecast of $14.5m set for the disclosure year.

Service Interruptions and Emergencies: Expenditure was $2,411k which was 143% above the forecast of $994k. This in part was due to emergency response for Cyclone Gabrielle in February and increased faults response.

Vegetation Management: Expenditure of $1,541k was 49% above the forecast of $1,034k due to a combination of additional vegetation preventative works to catch up with the backlogs from the previous year as well as post Cyclone Gabrielle response.

Routine and Corrective Maintenance and Inspection: Expenditure of $593k was 14% below the forecast of $689k.

Asset Replacement and Renewal: Expenditure of $801k was 36% above the forecast of $591k due to more focus on proactive actions addressing distribution transformer defects and maintenance.

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

Target revenue for 2023 was $30.5m as disclosed in Schedule 7 (Comparison of Forecasts to Actual Expenditure). The total billed line charge revenue for 2023 was $30.7m. The variance between target revenue and total billed revenue for the year is (1)%. The target revenue is after posted discounts and includes charges to sub networks.

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

Historically reliability targets were set based on a 'moving average' plus one standard deviation principle – ranging between 130-180 minutes for unplanned components. We now adapt the DPP3 normalisation-based method which sets a fixed unplanned SAIDI limit of 109.3 minutes as new proxy target. This is a significant reduction in the target limit with the aim to incentivise and drive reliability improvements going forward.

Total SAIDI minutes for 2023 was 464 minutes, above the SCI target of 244 minutes (190% of target). This is attributed to the impact of Cyclone Gabrielle on 14 February 2023 which had an impact of 227 SAIDI minutes. Planned shutdowns accounted for 60 SAIDI minutes, below the AMP target of 126 SAIDI minutes (48% of target). Unplanned shutdowns totalled 405 SAIDI minutes, above the AMP target of 160 minutes (253% of target) due to the impact of Cyclone Gabrielle. Excluding Cyclone Gabrielle Unplanned shutdown SAIDI minutes would be 178, below target.

Total SAIFI for 2023 was 2.31, 104% of the SCI target of 2.21. Planned SAIFI was 0.22, 46% of the AMP target of 0.48. Unplanned SAIFI was 2.09, below AMP target of 1.73 (121% of target).

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

Waipa Networks does not insure any network distribution assets. Waipa Networks does not retain, manage or invest any reserves for the purposes of self insurance.

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

Company Name Waipa Networks Limited

For Year Ended 31 March 2023

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

Waipa Networks reviews and refines the capital forecasts of expenditure on network assets every year. We have used the midpoint of the Reserve Banks inflation target for our indexation, 2% p.a.

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

Waipa Networks reviews and refines the operational expenditure on networks assets every year. We have used the midpoint of the Reserve Banks inflation target for our indexation, 2% p.a.

Company Name Waipa Networks Limited

For Year Ended 31 March 2023

Schedule 15 Voluntary Explanatory Notes

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

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

   1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1 and 2.5.2;

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

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

3. Provide additional explanatory comment in the box below.

Box 1: Voluntary explanatory comment on disclosed information

Historical and comparative information

Certain opening balances and prior-year amounts in the restated DY2023 schedules differ from those previously published for DY2022 and earlier years. This is because the historical RAB errors originated before DY2023 and the affected historical calculations were corrected to establish the appropriate opening balances and comparative information for the DY2023 restatement.

The principal historical changes are within Schedules 2, 4 and 5a and relate to RAB, depreciation, revaluations, commissioned assets, deferred tax and consequential calculations.

Waipā Networks has not restated its Information Disclosures for DY2022 or any earlier year. Corrected historical amounts shown in these schedules are included only where required to present the restated DY2023 information consistently and do not replace the disclosures previously published for those years.

Basis of preparation for interruptions – S10 Reliability

The SAIFI disclosed in Schedule 10 has been prepared on the following basis, that is consistent with the previous disclosure year:

Where an interruption to the supply of a customer is followed by restoration and then by a “successive interruption” to the same customer the relevant SAIFI value is based on a the actual number of multiple outages, not based on a single outage.