

Schedule 18 Certification for Disclosures

Clauses 2.9.2 and 2.9.5

We, Jonathan Kay and Jonathan Cameron, being directors of Waipā Networks Limited certify that, having made all reasonable enquiry, to the best of our knowledge -

- a) the information prepared for the purposes of clauses 2.3.1, 2.3.2, 2.3.8 - 2.3.12, 2.4.21, 2.4.22, 2.5.1(1)(a)-(f), 2.5.2, 2.5.2A, 2.6.1B and 2.7.1 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and
- b) the historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 9e, 10 and 14 has been properly extracted from the Waipā Network Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained.
- c) In respect of information concerning assets, costs and revenues valued or disclosed in accordance with clause 2.3.6 of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012, we are satisfied that-
 - i. the costs and values of assets or goods or services acquired from a related party comply, in all material respects, with clauses 2.3.6(1) and 2.3.6(3) of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5)(a)-2.2.11(5)(b) of the Electricity Distribution Services Input Methodologies Determination 2012; and
 - ii. the value of assets or goods or services sold or supplied to a related party comply, in all material respects, with clause 2.3.6(2) of the Electricity Distribution Information Disclosure Determination 2012.


Jonathan Kay

Director

Date 23 August 2024


Jonathan Cameron

Director

Date 23 August 2024

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

Company Name	<input type="text" value="Waipa Networks Limited"/>
Disclosure Date	<input type="text" value="31 August 2024"/>
Disclosure Year (year ended)	<input type="text" value="31 March 2024"/>

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

SCHEDULE 1: ANALYTICAL RATIOS

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

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

sch ref

7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42

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	34,142	512	168,135	6,338	49,118
Network	11,236	169	55,332	2,086	16,164
Non-network	22,906	344	112,803	4,252	32,953
Expenditure on assets	36,516	548	179,829	6,779	52,534
Network	34,547	518	170,130	6,413	49,701
Non-network	1,969	30	9,698	366	2,833

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	80,234	1,203
Standard consumer line charge revenue	73,444	1,102
Non-standard consumer line charge revenue	6,790	983,371

1(iii): Service intensity measures

Demand density	38	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	186	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	12	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	14,997	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	14,834	43.39%
Pass-through and recoverable costs excluding financial incentives and wash-ups	7,813	22.85%
Total depreciation	7,017	20.53%
Total revaluations	6,582	19.25%
Regulatory tax allowance	2,418	7.07%
Regulatory profit/(loss) including financial incentives and wash-ups	8,686	25.41%
Total regulatory income	34,186	

1(v): Reliability

Interruption rate	28.03	Interruptions per 100 circuit km
-------------------	-------	----------------------------------



Company Name **Waipa Networks Limited**

For Year Ended **31 March 2024**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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

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

sch ref

	CY-2	CY-1	Current Year CY
2(i): Return on Investment			
	%	%	%
ROI – comparable to a post tax WACC			
Reflecting all revenue earned	8.92%	6.39%	4.84%
Excluding revenue earned from financial incentives	8.92%	6.39%	4.84%
Excluding revenue earned from financial incentives and wash-ups	8.92%	6.39%	4.84%
Mid-point estimate of post tax WACC			
25th percentile estimate	2.84%	4.20%	5.37%
75th percentile estimate	4.20%	5.56%	6.73%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	9.22%	6.90%	5.54%
Excluding revenue earned from financial incentives	9.22%	6.90%	5.54%
Excluding revenue earned from financial incentives and wash-ups	9.22%	6.90%	5.54%
WACC rate used to set regulatory price path			
Mid-point estimate of vanilla WACC			
25th percentile estimate	3.82%	5.39%	6.75%
75th percentile estimate	3.14%	4.71%	6.07%
	4.50%	6.07%	7.43%
2(ii): Information Supporting the ROI			
			(\$000)
Total opening RAB value	162,242		
plus Opening deferred tax	(7,482)		
Opening RIV		154,760	
Line charge revenue		34,861	
Expenses cash outflow	22,647		
add Assets commissioned	8,626		
less Asset disposals	675		
add Tax payments	1,263		
less Other regulated income	(675)		
Mid-year net cash outflows		32,537	
Term credit spread differential allowance		–	
Total closing RAB value	171,859		
less Adjustment resulting from asset allocation	(0)		
less Lost and found assets adjustment	2,101		
plus Closing deferred tax	(8,636)		
Closing RIV		161,122	
ROI – comparable to a vanilla WACC			5.54%
Leverage (%)			42%
Cost of debt assumption (%)			5.97%
Corporate tax rate (%)			28%
ROI – comparable to a post tax WACC			4.84%



SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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

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

sch ref

2(iii): Information Supporting the Monthly ROI

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

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

92			
93			
94	Year-end ROI – comparable to a vanilla WACC		5.46%
95			
96	Year-end ROI – comparable to a post tax WACC		4.76%
97			

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

2(v): Financial Incentives and Wash-Ups

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



Company Name

Waipa Networks Limited

For Year Ended

31 March 2024

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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

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

sch ref

118	Other wash-ups		
119	Wash-up costs		-
120			
121	Impact of wash-up costs on ROI		-



SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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

sch ref		(\$000)
7	3(i): Regulatory Profit	(5000)
8	Income	
9	Line charge revenue	34,861
10	plus Gains / (losses) on asset disposals	(675)
11	plus Other regulated income (other than gains / (losses) on asset disposals)	
12		
13	Total regulatory income	34,186
14	Expenses	
15	less Operational expenditure	14,834
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	7,813
18		
19	Operating surplus / (deficit)	11,539
20		
21	less Total depreciation	7,017
22		
23	plus Total revaluations	6,582
24		
25	Regulatory profit / (loss) before tax	11,104
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	2,418
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	8,686
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(5000)
34	Pass through costs	
35	Rates	109
36	Commerce Act levies	58
37	Industry levies	139
38	CPP specified pass through costs	-
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	6,922
41	Transpower new investment contract charges	585
42	System operator services	-
43	Distributed generation allowance	-
44	Extended reserves allowance	-
45	Other recoverable costs excluding financial incentives and wash-ups	-
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	7,813
47		
48	3(iv): Merger and Acquisition Expenditure	
49		(5000)
50	Merger and acquisition expenditure	-
51		
52	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>	
53	3(v): Other Disclosures	
54		(5000)
55	Self-insurance allowance	-

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

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

sch ref

	RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
4(i): Regulatory Asset Base Value (Rolled Forward)					
Total opening RAB value	114,175	123,476	126,979	145,410	162,242
less Total depreciation	4,135	4,587	4,581	6,151	7,017
plus Total revaluations	2,888	1,870	8,797	9,671	6,582
plus Assets commissioned	10,620	5,880	14,301	13,442	8,626
less Asset disposals	143	131	87	130	675
plus Lost and found assets adjustment	-	471	-	-	2,101
plus Adjustment resulting from asset allocation	71	1	0	0	(0)
Total closing RAB value	123,476	126,979	145,410	162,242	171,859

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
4(ii): Unallocated Regulatory Asset Base				
Total opening RAB value		164,667		162,242
less Total depreciation		7,190		7,017
plus Total revaluations		6,680		6,582
plus Assets commissioned (other than below)	5,074		5,074	
Assets acquired from a regulated supplier				
Assets acquired from a related party	3,553		3,553	
Assets commissioned		8,626		8,626
less Asset disposals (other than below)	675		675	
Asset disposals to a regulated supplier				
Asset disposals to a related party				
Asset disposals		675		675
plus Lost and found assets adjustment		2,101		2,101
plus Adjustment resulting from asset allocation				(0)
Total closing RAB value		174,208		171,859

* 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.



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

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

sch ref

51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75

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

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

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	164,667		162,242	
less Opening value of fully depreciated, disposed and lost assets	(1,372)		(1,372)	
Total opening RAB value subject to revaluation	166,038		163,614	
Total revaluations		6,680		6,582

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		3,163		4,136
plus Capital expenditure	12,815		12,815	
less Assets commissioned	8,626		8,626	
plus Adjustment resulting from asset allocation			(973)	
Works under construction - current disclosure year		7,352		7,352

Highest rate of capitalised finance applied



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

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

sch ref

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

	Unallocated RAB * (\$000)	RAB (\$000)
77		
78		
79	5,090	5,090
80	2,100	1,927
81		
82		
83		
84	Total depreciation	
		7,190
		7,017

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

(\$000 unless otherwise specified)

Asset or assets with changes to depreciation*	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation
86				
87				
88				
89				
90				
91				
92				
93				
94				
95				

* include additional rows if needed

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

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
98										
99	21,043	-	-	32,609	26,507	36,882	21,620	7,686	15,895	162,242
100	less			1,425	844	1,215	814	482	1,927	7,017
101	plus			1,299	1,066	1,468	873	318	711	6,582
102	plus			3,010	552	1,892	1,089	795	1,288	8,626
103	less					120			555	675
104	plus							(288)	2,389	2,101
105	plus									-
106	plus									-
107	Total closing RAB value			35,494	27,281	38,907	22,768	8,029	17,801	171,859
108										
109	Asset Life									
110	Weighted average remaining asset life	49.0	-	29.8	39.8	34.3	31.1	20.5	7.0	(years)
111	Weighted average expected total asset life	55.0	-	59.7	53.2	45.0	40.2	30.2	13.2	(years)



SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 70

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		11,104
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	3,427	*
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	2,856	
14			7,883
15			
16	<i>less</i> Total revaluations	6,582	
17	Income included in regulatory profit / (loss) before tax but not taxable	-	*
18	Discretionary discounts and customer rebates	-	
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
20	Notional deductible interest	3,770	
21			10,352
22			
23	Regulatory taxable income		8,636
24			
25	<i>less</i> Utilised tax losses		
26	Regulatory net taxable income		8,636
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		2,418

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

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

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

(\$000)

36	Opening unamortised initial differences in asset values	35,215	
37	<i>less</i> Amortisation of initial differences in asset values	1,601	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	-	
40	Closing unamortised initial differences in asset values		33,615
41			
42	Opening weighted average remaining useful life of relevant assets (years)		22

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 7.0

sch ref

44	5a(iv): Amortisation of Revaluations		(\$000)
45			
46	Opening sum of RAB values without revaluations	135,051	
47			
48	Adjusted depreciation	4,161	
49	Total depreciation	7,017	
50	Amortisation of revaluations		2,856
51			
52	5a(v): Reconciliation of Tax Losses		(\$000)
53			
54	Opening tax losses	-	
55	plus Current period tax losses		
56	less Utilised tax losses		
57	Closing tax losses		-
58	5a(vi): Calculation of Deferred Tax Balance		(\$000)
59			
60	Opening deferred tax	(7,482)	
61			
62	plus Tax effect of adjusted depreciation	1,165	
63			
64	less Tax effect of tax depreciation	1,870	
65			
66	plus Tax effect of other temporary differences*	(5)	
67			
68	less Tax effect of amortisation of initial differences in asset values	448	
69			
70	plus Deferred tax balance relating to assets acquired in the disclosure year		
71			
72	less Deferred tax balance relating to assets disposed in the disclosure year	(3)	
73			
74	plus Deferred tax cost allocation adjustment	0	
75			
76	Closing deferred tax		(8,636)
77			
78	5a(vii): Disclosure of Temporary Differences		
79	<i>In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).</i>		
80			
81	5a(viii): Regulatory Tax Asset Base Roll-Forward		
82			(\$000)
83	Opening sum of regulatory tax asset values	72,106	
84	less Tax depreciation	6,679	
85	plus Regulatory tax asset value of assets commissioned	9,765	
86	less Regulatory tax asset value of asset disposals	665	
87	plus Lost and found assets adjustment		
88	plus Adjustment resulting from asset allocation		
89	plus Other adjustments to the RAB tax value		
90	Closing sum of regulatory tax asset values		74,527

Company Name **Waipa Networks Limited**
 For Year Ended **31 March 2024**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

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

sch ref

	(\$000)	(\$000)
5b(i): Summary—Related Party Transactions		
Total regulatory income		
Market value of asset disposals		
Service interruptions and emergencies	1,211	
Vegetation management	1,047	
Routine and corrective maintenance and inspection	175	
Asset replacement and renewal (opex)	392	
Network opex		2,825
Business support	–	
System operations and network support	555	
Non-network solutions provided by a related party or third party	–	
Operational expenditure		3,380
Consumer connection	969	
System growth	450	
Asset replacement and renewal (capex)	1,869	
Asset relocations	192	
Quality of supply	–	
Legislative and regulatory	–	
Other reliability, safety and environment	73	
Expenditure on non-network assets		–
Expenditure on assets		3,553
Cost of financing		
Value of capital contributions		
Value of vested assets		
Capital Expenditure		3,553
Total expenditure		6,933
Other related party transactions		

Not Required before DY2025

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	1,047
Waipa Networks - Contracting	Service interruptions and emergencies	1,211
Waipa Networks - Contracting	Routine and corrective maintenance and inspection	175
Waipa Networks - Contracting	Asset replacement and renewal (opex)	392
Waipa Networks - Contracting	System operations and network support	425
Waipa Networks - Contracting	Consumer connection	969
Waipa Networks - Contracting	System growth	450
Waipa Networks - Contracting	Asset replacement and renewal (capex)	1,869
Waipa Networks - Contracting	Asset relocations	192
Waipa Networks - Contracting	Quality of supply	–
Waipa Networks - Contracting	Legislative and regulatory	–
Waipa Networks - Contracting	Other reliability, safety and environment	73
Advanced Security Group (Wkto) Limited	System operations and network support	70
ASG Technologies Limited	System operations and network support	60
Total value of related party transactions		6,933

* include additional rows if needed



SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

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

sch ref

7
8
9

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						-	-	-

10

11

12

13

14

15

16

17

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

18

19

20

21

22

23

24

25

26

27

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 2024**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42

5d(i): Operating Cost Allocations

	Value allocated (\$000s)				
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)
Service interruptions and emergencies					
Directly attributable		1,634			
Not directly attributable				-	
Total attributable to regulated service		1,634			
Vegetation management					
Directly attributable		2,142			
Not directly attributable				-	
Total attributable to regulated service		2,142			
Routine and corrective maintenance and inspection					
Directly attributable		352			
Not directly attributable				-	
Total attributable to regulated service		352			
Asset replacement and renewal					
Directly attributable		753			
Not directly attributable				-	
Total attributable to regulated service		753			
Non-network solutions provided by a related party or third party <i>Not required before DY2025</i>					
Directly attributable					
Not directly attributable				-	
Total attributable to regulated service		-			
System operations and network support					
Directly attributable		4,731			
Not directly attributable		135	405	540	
Total attributable to regulated service		4,866			
Business support					
Directly attributable		306			
Not directly attributable		4,781	711	5,492	
Total attributable to regulated service		5,087			
Operating costs directly attributable		9,918			
Operating costs not directly attributable	-	4,916	1,116	6,032	-
Operational expenditure		14,834			



SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

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

44	Pass through and recoverable costs	(\$000)
45	Pass through costs	
46	Directly attributable	306
47	Not directly attributable	19
48	Total attributable to regulated service	325
49	Recoverable costs	
50	Directly attributable	7,507
51	Not directly attributable	
52	Total attributable to regulated service	7,507

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

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

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

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

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



SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

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

sch ref

5e(i): Regulated Service Asset Values		Value allocated (\$000s) Electricity distribution services
7		
8		
9		
10	Subtransmission lines	
11	Directly attributable	21,579
12	Not directly attributable	
13	Total attributable to regulated service	21,579
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	35,494
24	Not directly attributable	
25	Total attributable to regulated service	35,494
26	Distribution and LV cables	
27	Directly attributable	27,281
28	Not directly attributable	
29	Total attributable to regulated service	27,281
30	Distribution substations and transformers	
31	Directly attributable	38,907
32	Not directly attributable	
33	Total attributable to regulated service	38,907
34	Distribution switchgear	
35	Directly attributable	22,768
36	Not directly attributable	
37	Total attributable to regulated service	22,768
38	Other network assets	
39	Directly attributable	8,029
40	Not directly attributable	
41	Total attributable to regulated service	8,029
42	Non-network assets	
43	Directly attributable	16,672
44	Not directly attributable	1,129
45	Total attributable to regulated service	17,801
46		
47	Regulated service asset value directly attributable	170,730
48	Regulated service asset value not directly attributable	1,129
49	Total closing RAB value	171,859
50		

5e(ii): Changes in Asset Allocations* †		(\$000)	
		CY-1	Current Year (CY)
51			
52			
53	Change in asset value allocation 1		
54	Asset category		
55	Original allocator or line items		
56	New allocator or line items		
57			
58	Rationale for change		
59			
60			
61			
62	Change in asset value allocation 2		
63	Asset category		
64	Original allocator or line items		
65	New allocator or line items		
66			
67	Rationale for change		
68			
69			
70			
71	Change in asset value allocation 3		
72	Asset category		
73	Original allocator or line items		
74	New allocator or line items		
75			
76	Rationale for change		
77			
78			

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



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

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

sch ref

	(\$000)	(\$000)
6a(i): Expenditure on Assets		
Consumer connection		4,766
System growth		3,844
Asset replacement and renewal		4,915
Asset relocations		574
Reliability, safety and environment:		
Quality of supply	251	
Legislative and regulatory	-	
Other reliability, safety and environment	661	
Total reliability, safety and environment		912
Expenditure on network assets		15,010
Expenditure on non-network assets		856
Expenditure on assets		15,866
plus Cost of financing		
less Value of capital contributions		3,050
plus Value of vested assets		
Capital expenditure		12,815
6a(ii): Subcomponents of Expenditure on Assets (where known)		(\$000)
Energy efficiency and demand side management, reduction of energy losses		-
Overhead to underground conversion		
Research and development		-
6a(iii): Consumer Connection		
<i>Consumer types defined by EDB*</i>	(\$000)	(\$000)
Residential	3,827	
General	939	
<i>* include additional rows if needed</i>		
Consumer connection expenditure		4,766
less Capital contributions funding consumer connection expenditure	2,564	
Consumer connection less capital contributions		2,202
6a(iv): System Growth and Asset Replacement and Renewal		
	System Growth (\$000)	Asset Replacement and Renewal (\$000)
Subtransmission	-	-
Zone substations	2,003	-
Distribution and LV lines	483	2,494
Distribution and LV cables	828	101
Distribution substations and transformers	301	1,238
Distribution switchgear	106	740
Other network assets	123	341
System growth and asset replacement and renewal expenditure	3,844	4,915
less Capital contributions funding system growth and asset replacement and renewal	67	39
System growth and asset replacement and renewal less capital contributions	3,777	4,875
6a(v): Asset Relocations		
<i>Project or programme*</i>	(\$000)	(\$000)
<i>* include additional rows if needed</i>		
All other projects or programmes - asset relocations	574	
Asset relocations expenditure		574
less Capital contributions funding asset relocations	365	
Asset relocations less capital contributions		209



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

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

sch ref

69				
70	6a(vi): Quality of Supply			
71	Project or programme*	(\$000)	(\$000)	
72				
73				
74				
75				
76				
77	<i>* include additional rows if needed</i>			
78	All other projects programmes - quality of supply	251		
79	Quality of supply expenditure		251	
80	less Capital contributions funding quality of supply			
81	Quality of supply less capital contributions		251	
82	6a(vii): Legislative and Regulatory			
83	Project or programme*	(\$000)	(\$000)	
84				
85				
86				
87				
88				
89	<i>* include additional rows if needed</i>			
90	All other projects or programmes - legislative and regulatory			
91	Legislative and regulatory expenditure		-	
92	less Capital contributions funding legislative and regulatory			
93	Legislative and regulatory less capital contributions		-	
94	6a(viii): Other Reliability, Safety and Environment			
95	Project or programme*	(\$000)	(\$000)	
96				
97				
98				
99				
100				
101	<i>* include additional rows if needed</i>			
102	All other projects or programmes - other reliability, safety and environment	661		
103	Other reliability, safety and environment expenditure		661	
104	less Capital contributions funding other reliability, safety and environment	15		
105	Other reliability, safety and environment less capital contributions		646	
106				
107	6a(ix): Non-Network Assets			
108	Routine expenditure			
109	Project or programme*	(\$000)	(\$000)	
110				
111				
112				
113				
114				
115	<i>* include additional rows if needed</i>			
116	All other projects or programmes - routine expenditure	856		
117	Routine expenditure		856	
118	Atypical expenditure			
119	Project or programme*	(\$000)	(\$000)	
120				
121				
122				
123				
124				
125	<i>* include additional rows if needed</i>			
126	All other projects or programmes - atypical expenditure			
127	Atypical expenditure		-	
128				
129	Expenditure on non-network assets		856	

Company Name **Waipa Networks Limited**
 For Year Ended **31 March 2024**

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

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

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure <i>Required for DY2024 and DY2025 only</i>		
8	Service interruptions and emergencies	1,634	
9	Vegetation management	2,142	
10	Routine and corrective maintenance and inspection	352	
11	Asset replacement and renewal	753	
12	Network opex		4,882
13	Non-network solutions provided by a related party or third party <i>Required for DY2025 only</i>		
14	System operations and network support	4,866	
15	Business support	5,087	
16	Non-network opex		9,952
17			
18	Operational expenditure		14,834
19	6b(i): Operational Expenditure <i>Not Required before DY2026</i>		
20	Service interruptions and emergencies:		
21	Vegetation-related		
22	Other		
23	Total service interruptions and emergencies	-	
24	Vegetation management:		
25	Assessment and notification costs		
26	Felling or trimming vegetation - in-zone		
27	Felling or trimming vegetation - out-of-zone		
28	Other		
29	Total vegetation management	-	
30			
31	Routine and corrective maintenance and inspection:		
32	Asset replacement and renewal		
33	Network opex		-
34	Non-network solutions provided by a related party or third party		
35	System operations and network support		
36	Business support		



Company Name **Waipa Networks Limited**
 For Year Ended **31 March 2024**

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

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

sch ref

37	Non-network opex	-
38		
39	Operational expenditure	-
40	6b(ii): Subcomponents of Operational Expenditure (where known)	
41	Energy efficiency and demand side management, reduction of energy losses	-
42	Direct billing*	N/A
43	Research and development	N/A
44	Insurance	
45	<i>* Direct billing expenditure by suppliers that directly bill the majority of their consumers</i>	



Company Name

Waipa Networks Limited

For Year Ended

31 March 2024

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

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

EDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes).

This information is part of the audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

7(i): Revenue		Target (\$000) ¹	Actual (\$000)	% variance
7				
8	Line charge revenue	32,656	34,861	7%
7(ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
9				
10	Consumer connection	4,418	4,766	8%
11	System growth	9,179	3,844	(58%)
12	Asset replacement and renewal	3,791	4,915	30%
13	Asset relocations	189	574	204%
14	Reliability, safety and environment:			
15	Quality of supply	585	251	(57%)
16	Legislative and regulatory	-	-	-
17	Other reliability, safety and environment	1,440	661	(54%)
18	Total reliability, safety and environment	2,025	912	(55%)
19	Expenditure on network assets	19,602	15,010	(23%)
20	Expenditure on non-network assets	3,756	856	(77%)
21	Expenditure on assets	23,358	15,866	(32%)
7(iii): Operational Expenditure				
22				
23	Service interruptions and emergencies	1,426	1,634	15%
24	Vegetation management	1,532	2,142	40%
25	Routine and corrective maintenance and inspection	788	352	(55%)
26	Asset replacement and renewal	961	753	(22%)
27	Network opex	4,707	4,882	4%
28	Non-network solutions provided by a related party or third party <i>Not Required before DY2025</i>		-	-
29	System operations and network support	3,682	4,866	32%
30	Business support	8,557	5,087	(41%)
31	Non-network opex	12,239	9,952	(19%)
32	Operational expenditure	16,946	14,834	(12%)
7(iv): Subcomponents of Expenditure on Assets (where known)				
33				
34	Energy efficiency and demand side management, reduction of energy losses	N/A	-	-
35	Overhead to underground conversion	-	-	-
36	Research and development	-	-	-
37				
7(v): Subcomponents of Operational Expenditure (where known)				
38				
39	Energy efficiency and demand side management, reduction of energy losses	N/A	-	-
40	Direct billing	N/A	N/A	-
41	Research and development	N/A	N/A	-
42	Insurance	N/A	-	-
43				

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

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

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

sch-07

8(i): Billed Quantities by Price Component

				Billed quantities by price component																
				Price component																
Consumer group name or price category code	Standardised connection types	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	All Inclusive	Uncontrolled	Controlled	Night Only	Peak	Off Peak	Shoulder	Streetsights	Builders Temporary	Daily Fixed Price	Monthly Fixed Price	Capacity Charge	Transformer Rental	Generation Export		
				Unit charging basis (eg. kwh, kw of demand, kVA of capacity, etc.)																
				kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	ICP	ICP	kVA	kVA	kWh	
Residential	Residential	Standard	23,530	183,081	12,012,380	21,670,482	23,248,888	841,462	43,126,768	31,888,938	46,420,373	—	4,972,320	24,071	—	—	—	—	8,153,005	
General	Commercial	Standard	5,360	115,358	—	53,241,715	10,592,026	324,545	34,511,320	11,615,877	20,964,313	151,167	3,956,876	5,437	—	—	—	—	871,322	
HDDV Capacity Contract	Commercial	Standard	69	39,138	—	—	219,753	—	9,077,586	11,236,503	18,653,786	—	—	—	—	14,456	—	—	5,466	
13KV	Industrial	Standard	10	17,510	—	—	—	—	4,273,679	5,315,970	7,984,581	—	—	—	10	—	—	—	14,708	
13KV	Industrial	Non-standard	3	79,330	—	79,338,526	—	—	—	—	—	—	—	—	3	—	—	—	536,119	
Add extra rows for additional consumer groups or price category codes as necessary																				
Standard consumer totals				28,969	355,151	12,012,380	74,912,197	34,060,667	666,002	70,939,353	60,057,290	94,023,073	151,167	8,329,196	29,508	10	20,238	—	8,413	4,044,499
Non-standard consumer totals				3	79,330	—	79,338,526	—	—	—	—	—	—	—	—	3	—	—	—	536,119
Total for all consumers				28,972	434,481	12,012,380	154,250,723	34,060,667	666,002	70,939,353	60,057,290	94,023,073	151,167	8,329,196	29,508	13	20,238	—	8,413	4,580,618

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

				Line charge revenues (\$000) by price component														
				Price component														
Consumer group name or price category code	Standardised connection types	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	All Inclusive	Uncontrolled	Controlled	Night Only	Peak	Off Peak	Shoulder	Streetsights	Builders Temporary	Daily Fixed Price	Monthly Fixed Price	Capacity Charge	Transformer Rental	Generation Export	
				Rate (eg. \$ per day, \$ per kWh, etc.)														
				c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/day	\$/month	\$/month	\$/month	c/kWh	
Residential	Residential	Standard	\$17,030	\$909	\$1,812	\$428	\$4	\$5,894	\$390	\$3,711	—	\$460	\$3,870	—	—	—	—	
General	Commercial	Standard	\$10,182	—	\$4,184	\$171	\$4	\$2,024	\$129	\$1,506	\$12	\$373	\$1,774	—	—	—	\$1	
HDDV Capacity Contract	Commercial	Standard	\$3,213	—	—	\$5	—	\$617	\$182	\$892	—	—	—	—	\$1,556	—	\$0	
13KV	Industrial	Standard	\$1,446	—	—	—	—	\$287	\$97	\$302	—	—	—	\$8	\$628	\$34	\$0	
13KV	Industrial	Non-standard	\$2,990	—	—	—	—	—	—	—	—	—	—	\$2,950	—	—	—	
Add extra rows for additional consumer groups or price category codes as necessary																		
Standard consumer totals				\$909	\$5,996	\$603	\$8	\$8,321	\$800	\$6,501	\$12	\$837	\$5,644	\$8	\$2,184	—	\$34	\$4
Non-standard consumer totals				—	—	—	—	—	—	—	—	—	—	\$2,950	—	—	—	—
Total for all consumers				\$909	\$5,996	\$603	\$8	\$8,321	\$800	\$6,501	\$12	\$837	\$5,644	\$2,958	\$2,184	—	\$34	\$4

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end:

Company Name	Waipa Networks Limited
For Year Ended	31 March 2024
Network / Sub-network Name	

SCHEDULE 9a: ASSET REGISTER

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

sch ref

9a: Asset Register

	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	20,810	21,143	333	3
9	All	Overhead Line	Wood poles	No.	1,482	1,276	(206)	3
10	All	Overhead Line	Other pole types	No.	–	–	–	[Select one]
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	–	–	–	[Select one]
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	36	33	(3)	3
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	–	–	–	[Select one]
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	–	–	–	[Select one]
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	–	–	–	[Select one]
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	–	–	–	[Select one]
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	[Select one]
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	[Select one]
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	[Select one]
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	[Select one]
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	[Select one]
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	–	–	–	[Select one]
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	[Select one]
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	–	–	–	[Select one]
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	–	–	[Select one]
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	–	–	–	[Select one]
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	–	–	–	[Select one]
28	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	[Select one]
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	–	–	–	[Select one]
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	–	–	–	[Select one]
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	–	–	–	[Select one]
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	[Select one]
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	–	–	–	[Select one]
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,233	1,243	11	2
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	–	–	–	[Select one]
36	HV	Distribution Line	SWER conductor	km	–	–	–	[Select one]
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	170	168	(2)	1
38	HV	Distribution Cable	Distribution UG PILC	km	1	0	(1)	1
39	HV	Distribution Cable	Distribution Submarine Cable	km	–	–	–	[Select one]
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	117	117	–	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	–	–	–	[Select one]
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	5,463	4,467	(996)	1
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	–	–	–	[Select one]
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	178	168	(10)	3
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,817	2,808	(9)	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	884	902	18	3
47	HV	Distribution Transformer	Voltage regulators	No.	57	55	(2)	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	–	–	–	[Select one]
49	LV	LV Line	LV OH Conductor	km	507	501	(6)	2
50	LV	LV Cable	LV UG Cable	km	358	395	37	1
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	92	155	63	1
52	LV	Connections	OH/UG consumer service connections	No.	28,791	29,098	307	4
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	155	131	(24)	3
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	–	4
55	All	Capacitor Banks	Capacitors including controls	No	1	1	–	4
56	All	Load Control	Centralised plant	Lot	3	2	(1)	4
57	All	Load Control	Relays	No	18,952	17,759	(1,193)	1
58	All	Civils	Cable Tunnels	km	–	–	–	[Select one]

Company Name **Waipa Networks Limited**

For Year Ended **31 March 2024**

Network / Sub-network Name

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50

9c: Overhead Lines and Underground Cables

Circuit length by operating voltage (at year end)	Total circuit length		
	Overhead (km)	Underground (km)	(km)
> 66kV	33	–	33
50kV & 66kV			–
33kV			–
SWER (all SWER voltages)			–
22kV (other than SWER)			–
6.6kV to 11kV (inclusive—other than SWER)	1,243	168	1,411
Low voltage (< 1kV)	501	395	896
Total circuit length (for supply)	1,777	563	2,341

Dedicated street lighting circuit length (km)	90	64	155
Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			

Overhead circuit length by terrain (at year end)	(% of total overhead length)	
	Circuit length (km)	
Urban	159	9%
Rural	1,476	83%
Remote only	63	4%
Rugged only	80	5%
Remote and rugged	–	–
Unallocated overhead lines	–	–
Total overhead length	1,777	100%

Length of circuit within 10km of coastline or geothermal areas (where known)	(% of total circuit length)	
	Circuit length (km)	
	162	7%

Overhead circuit requiring vegetation management	(% of total overhead length)	
	Circuit length (km)	
	1,277	72% <i>Not required after DY2025</i>

Number of overhead circuit sites at high risk from vegetation damage	Total remaining at high risk at the disclosure year-end	
	Total newly identified throughout the disclosure year	
	–	<i>Not required before DY2026</i>

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

Category of overhead circuit site	Number of overhead circuit sites at high risk from vegetation damage at disclosure year-end	Number of overhead circuit sites involving critical assets at disclosure year-end	
[Single tree]			<i>Not required before DY2026</i>
[Single tree - Urban]			<i>Not required before DY2026</i>
[Single tree - Rural]			<i>Not required before DY2026</i>
[Row of trees]			<i>Not required before DY2026</i>
[Span between two poles (X metres)]			<i>Not required before DY2026</i>
[Other]			<i>Not required before DY2026</i>
Total number of sites	–	–	<i>Not required before DY2026</i>

* Insert new rows in table above Total line as necessary

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

sch ref	Location *	Average number or	
		ICPs in disclosure year	Line charge revenue (\$000)
8			
9	Lakewood	65	49
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

* 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 2024
Network / Sub-network Name	

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref

8	9e(i): Consumer Connections and Decommissionings	
9	<i>Number of ICPs connected during year by consumer type</i>	
10		Number of connections (ICPs)
11	<i>Consumer types defined by EDB*</i>	
12	Domestic	367
13	Non Domestic	86
14	400V Capacity	3
15	11 kV Contract	1
16	<i>* include additional rows if needed</i>	
17	Connections total	457
18		
19	<i>Number of ICPs decommissioned during year by consumer type</i>	
20		Number of decommissionings
21	<i>Consumer types defined by EDB*</i>	
22	Domestic	95
23	Non Domestic	60
24	Unmetered	5
25		
26	<i>* include additional rows if needed</i>	
27	Decommissionings total	160
28		
29	Distributed generation	
30	Number of connections made in year	211 connections
31	Capacity of distributed generation installed in year	2.97 MVA
32		
33	9e(ii): System Demand	
34		
35		Demand at time of maximum coincident demand (MW)
36	Maximum coincident system demand	
37	GXP demand	88
38	<i>plus</i> Distributed generation output at HV and above	
39	Maximum coincident system demand	88
40	<i>less</i> Net transfers to (from) other EDBs at HV and above	
41	Demand on system for supply to consumers' connection points	88
42	Electricity volumes carried	Energy (GWh)
43	Electricity supplied from GXPs	454
44	<i>less</i> Electricity exports to GXPs	-
45	<i>plus</i> Electricity supplied from distributed generation	5
46	<i>less</i> Net electricity supplied to (from) other EDBs	-
47	Electricity entering system for supply to consumers' connection points	458
48	<i>less</i> Total energy delivered to ICPs	434
49	Electricity losses (loss ratio)	24 5.2%
50		
51	Load factor	0.59
52	9e(iii): Transformer Capacity	
53		(MVA)
54	Distribution transformer capacity (EDB owned)	302
55	Distribution transformer capacity (Non-EDB owned)	18
56	Total distribution transformer capacity	320
57		
58		(MVA)
59	Zone substation transformer capacity (EDB owned)	
60	Zone substation transformer capacity (Non-EDB owned)	
61	Total zone substation transformer capacity	-

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

sch ref

8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43

10(i): Interruptions

Interruptions by class

- Class A (planned interruptions by Transpower)
- Class B (planned interruptions on the network)
- Class C (unplanned interruptions on the network)
- Class D (unplanned interruptions by Transpower)
- Class E (unplanned interruptions of EDB owned generation)
- Class F (unplanned interruptions of generation owned by others)
- Class G (unplanned interruptions caused by another disclosing entity)
- Class H (planned interruptions caused by another disclosing entity)
- Class I (interruptions caused by parties not included above)

Total

Number of interruptions

451
205
656

Interruption restoration

- Class C interruptions restored within

≤3Hrs >3hrs

113	92
-----	----

SAIFI and SAIDI by class

- Class A (planned interruptions by Transpower)
- Class B (planned interruptions on the network)
- Class C (unplanned interruptions on the network)
- Class D (unplanned interruptions by Transpower)
- Class E (unplanned interruptions of EDB owned generation)
- Class F (unplanned interruptions of generation owned by others)
- Class G (unplanned interruptions caused by another disclosing entity)
- Class H (planned interruptions caused by another disclosing entity)
- Class I (interruptions caused by parties not included above)

Total

SAIFI SAIDI

0.42	61.7
1.57	153.3
1.98	215.0

Normalised SAIFI and SAIDI

- Classes B & C (interruptions on the network)

Normalised SAIFI Normalised SAIDI

1.97	205.1	<i>Not required after DY2024</i>
------	-------	----------------------------------

Transitional SAIFI and SAIDI (previous method)

- Class B (planned interruptions on the network)
- Class C (unplanned interruptions on the network)

SAIFI SAIDI

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

Company Name **Waipa Networks Limited**

For Year Ended **31 March 2024**

Network / Sub-network Name

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

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

Cause

- Lightning
- Vegetation
- Adverse weather
- Adverse environment
- Third party interference
- Wildlife
- Human error
- Defective equipment
- Cause unknown
- Other cause
- Unknown

SAIFI	SAIDI
0.01	0.8
0.24	21.0
0.02	1.0
0.01	0.8
0.37	56.6
0.06	5.2
0.04	0.8
0.63	54.7
0.20	12.5

Not required after DY2024
Not required before DY2025
Not required before DY2025

Breakdown of third party interference

- Dig-in
- Overhead contact
- Vandalism
- Vehicle damage
- Other

SAIFI	SAIDI
0.02	2.8
0.02	0.8
-	-
0.31	50.6
0.02	2.4

Breakdown of vegetation interruptions (vegetation cause)

- In-zone
- Out-of-zone

SAIFI	SAIDI

Not required before DY2026
Not required before DY2026

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

Main equipment involved

- Subtransmission lines
- Subtransmission cables
- Subtransmission other
- Distribution lines (excluding LV)
- Distribution cables (excluding LV)
- Distribution other (excluding LV)

SAIFI	SAIDI
0.24	36.9
0.06	8.5
0.12	16.32

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

Main equipment involved

- Subtransmission lines
- Subtransmission cables
- Subtransmission other
- Distribution lines (excluding LV)
- Distribution cables (excluding LV)
- Distribution other (excluding LV)

SAIFI	SAIDI
0.27	19.1
0.08	9.2
0.26	25.6

10(v): Fault Rate

Main equipment involved

- Subtransmission lines
- Subtransmission cables
- Subtransmission other
- Distribution lines (excluding LV)
- Distribution cables (excluding LV)
- Distribution other (excluding LV)

Number of Faults	Circuit length (km)
-	33
82	1,243
18	168
85	
185	

Fault rate (faults per 100km)

-
-
6.59
10.72

Total

185



We express an opinion on schedule 14 (box 1- 11 only)

Company Name	<u>Waipa Networks Limited</u>
For Year Ended	<u>31 March 2024</u>

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.

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. During the year, two assets with opening RAB values amounting \$471K were reclassified from the category Non-network assets to Opex as these assets were deemed to be Software as a Service.

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

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

Box 3: Explanatory comment on merger and acquisition expenditure

There were no mergers or acquisitions 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. During the year, two assets with opening RAB values amounting \$471K were reclassified from the category Non-network assets to Opex as these assets were deemed to be Software as a Service.

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 \$3,014K
Revenue from Miscellaneous fees \$57k
Discount not deductible \$356K
Total Permanent differences \$3,427K

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 \$138k
Creditors \$240k
Provision for Car Accidents \$392k
Total Temporary Timing Differences 31 March 2023 \$770k

Wages Provisions \$2k
Creditors \$348k
Provision for Car Accidents \$436k
Total Temporary Timing Differences 31 March 2024 \$786k

Movement in Timing Differences \$(16k)

Tax effect of timing difference \$(4.5k) – refer row 66 of schedule 5a

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.

In addition to these we also treat Advanced Security Group (Wkto) Limited and ASG Technologies Limited as related parties due to an association with Mike Marr (Board of Directors Deputy Chair).

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).

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 \$15m. \$3m of this was funded from third party capital contributions.

Non-network capital expenditure was \$0.9m

Related Parties

Across network and non-network assets, \$3.6m 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. Material projects are also those that span multiple years.

Reclassified Items

During the year, two assets with opening RAB values amounting \$471K were reclassified from the category Non-network assets to Opex as these assets were deemed to be Software as a Service.

Atypical Capital Expenditure

There was no Atypical Capital expenditure on non-network assets during the disclosure year (March 2024).

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 \$14.8m.

Reclassified Items

Certain contracting/consulting and inventory expenditure previously classified as related party is now excluded.

Atypical Operational Expenditure

No atypical operational expenditure occurred during the disclosure year (March 2024)

Related parties

\$3.4m 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 \$15m which was \$4.6m (23%) below the forecast of \$19.6m set for the disclosure year.

Consumer Connections: Expenditure was \$4,766k which was 8% above the forecast of \$4,418k.

System Growth: Expenditure was \$3,844k which was 58% below the forecast of \$9,179k. Expenditure covered a range of asset classes including distribution and LV circuits, transformers, fuses and switches. The underspend is predominately related to the delay of the Te Awamutu GXP Feeder Cable Upgrade project (forecast \$4m) due to council consent and deferral of the Forest road Substation project into FY25.

Asset Replacement and Renewal: Expenditure was \$4,915k which was 30% above the forecast of \$3,791. Expenditure covered a range of asset classes including distribution and LV circuits, transformers, fuses, and switches. Replacement of crossarms, fuses, ring main units and switches were major contributors to the higher expenditure due to delays in System Growth projects.

Asset Relocation: Expenditure was \$574k which was 204% above forecast of \$189k 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 \$251k which was 57% below the forecast. The main contributor to the underspend was the Kihikihi 11kV network extension. The project was completed below budget, and cost efficiency was gained by executing the project with adjacent works.

Reliability, Safety and Environment (Other Reliability, Safety and Environment): Expenditure was \$877k which was 39% below the forecast of \$1,440k. The main contributor to the underspend was delays in the Voltage Regulator projects due to ground conditions and design issues.

Non-network capital expenditure was \$856k which was 77% below the forecast of \$3.8m. The main contributors to the underspend is a change in scope of software projects and deferral of the building refurbishment to FY25.

Operational Expenditure: Overall Operational Expenditure was \$14.8m which was \$2m (12%) below forecast of \$16.9m set for the disclosure year.

Service Interruptions and Emergencies: Expenditure was \$1,634k which was 15% above the forecast of \$1,426k.

Vegetation Management: Expenditure of \$2,142k was 40% above the forecast of \$1,532k due to additional vegetation preventative works.

Routine and Corrective Maintenance and Inspection: Expenditure of \$352k was 55% below

the forecast of \$788k.

Asset Replacement and Renewal: Expenditure of \$753k was 22% below the forecast of \$961k 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 2024 was \$32.7m as disclosed in Schedule 7 (Comparison of Forecasts to Actual Expenditure). The total billed line charge revenue for 2024 was \$34.9m. The variance between target revenue and total billed revenue for the year is (7)%. 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

We adopted the DPP3 normalisation-based method which adjusts the assessed value for major events. The DPP3 method sets a fixed unplanned SAIDI limit of 109.3 minutes as new proxy target to enable industry benchmarking with the aim to incentivise and drive reliability improvements.

Total normalised SAIDI minutes for FY2024 was 215 minutes, which is below the SCI target of 244 minutes (84% of target).

Planned shutdowns accounted for 62 SAIDI minutes, below the AMP target of 126 SAIDI minutes (49% of target). The normalised SAIDI for Unplanned shutdowns totalled 143 SAIDI minutes, above the target of 109.3 minutes while the raw SAIDI (excluding normalisation) was 153 minutes due to defective equipment (a single overhead conductor failure on 16 May 2023 in rugged terrain, contributed 11 SAIDI minutes) and third party interference (combined vehicle damage caused 20 SAIDI minutes).

Total normalised SAIFI for 2024 was 1.97, 89% of the SCI target of 2.21. Planned SAIFI was 0.42, 87% of the target of 0.48, and the Unplanned SAIFI was 1.57, 91% of the target of 1.73 minutes.

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

No amendments to previously disclosed information.

We do not express an opinion on schedule 14a

Company Name	<u>Waipa Networks Limited</u>
For Year Ended	<u>31 March 2024</u>

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.

We do not express an opinion on schedule 15

Company Name	<u>Waipa Networks Limited</u>
For Year Ended	<u>31 March 2024</u>

Schedule 15 Voluntary Explanatory Notes

1. This schedule enables an EDB to provide, should it wish to-
 1. additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, 2.5.2, and 2.6.6;
 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

Waipa Network changed its asset information database in 2023 from NCS to the ESRI ArcGIS.

Data improvement initiatives have led to changes in reported quantities, including:

The validated network model in ArcGIS provides an accurate electrical representation of the 11kV network and accounts for the actual number of 11kV links in the network.

Poles (wood and Timber)

- Simplified calculation of line lengths (now based on more accurate pole locations based on GIS model) for overhead lines.

- Recently completed inspection and maintenance help confirm installed assets and correct categories of some, e.g. protection relays vs other relays.

- Age attributes for some asset classes, such as overhead conductor, Waipa historically used average ages of poles in the relevant line section (module) to supplement the age data. The new approach will not use averages of pole ages to avoid challenges as poles are renewed. Where unknown, it will be disclosed as “unknown” instead of calculating “default age”.



KPMG
247 Cameron Road, Level 2 PO Box 110
Tauranga 3140
New Zealand
T: +64 7 578 5179

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

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

The Auditor-General is the auditor of the company.

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

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

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

This assurance report should be read in conjunction with the Commerce Commission's Information Disclosure exemption, issued to all electricity distribution businesses on 9 June 2023 under clause 2.11.1 of the Determination. The Commerce Commission granted an exemption from the requirement that the assurance report, in respect of the information in Schedule 10 of the Determination, must take into account any issues arising out of the company's recording of SAIDI, SAIFI, and number of interruptions due to successive interruptions.

Opinion

In our opinion, in all material respects:

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



Basis for opinion

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

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

Key Assurance Matters

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

Key Assurance Matter	How our procedures addressed the key assurance matter
<ul style="list-style-type: none"> • Capitalisation of assets into the Regulatory Asset Base (“RAB”) <p><i>Refer schedules 4, 5e and 6a.</i></p> <p>Capitalisation of assets into the RAB (capital expenditure during the year of \$15m and assets commissioned of \$8.6m is a key assurance matter due to the following significant judgements involved:</p> <ul style="list-style-type: none"> • Assessment of whether an asset meets the definition of an asset under the determination; and • Allocation of non-directly attributable assets to the electricity business. Specifically, this judgement relates to the selection of allocators which appropriately align to the cause of expenditure. 	<p>Our procedures included, amongst others:</p> <ul style="list-style-type: none"> • Examining system and non-system additions in the RAB to the Fixed Asset Register audited as part of the financial statements audit, obtaining explanations for any significant differences; • Examining depreciation recorded; • Assessing assets categories within the RAB; and • Comparing capital expenditure trends over time. <p>We did not identify any material exceptions from the procedures performed, and the disclosure is consistent with the criteria.</p>

<ul style="list-style-type: none"> • Completeness and accuracy of SAIDI and SAIFI <i>Refer schedule 10</i> The accuracy and completeness of SAIDI and SAIFI (656 interruptions in the period resulting in SAIDI and SAIFI of 215 and 1.98 respectively) is a key assurance matter due to: <ul style="list-style-type: none"> • The reliance on manual processes to collect the interruption of information. 	<p>Our procedures included, amongst others:</p> <ul style="list-style-type: none"> • Examining outages in the report to the outages audited as part of the financial statements audit; and • Recalculating the interruptions SAIDI, SAIFI and fault rates <p>Our procedures performed did not identify any material exceptions related to the completeness and accuracy of SAIDI and SAIFI.</p>
--	---

Directors' responsibilities

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

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

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

Auditor's responsibilities

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

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

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



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

Inherent limitations

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

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

Restricted use

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

Independence and quality control

We complied with the Auditor-General's:

- independence and other ethical requirements, which incorporate the requirements of Professional and Ethical Standard 1 *International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand)* (PES 1) issued by the New Zealand Auditing and Assurance Standards Board; and
- quality management requirements, which incorporate Professional and Ethical Standard 3 *Quality Management for Firms that perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements* (PES 3) issued by the New Zealand Auditing and Assurance Standards Board. PES 3 requires our firm to design, implement and operate a system of quality management including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

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

Glenn Keaney
KPMG Tauranga
On behalf of the Auditor-General
Wellington, New Zealand
23 August 2024