

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

Company Name

Network Waitaki Limited

Disclosure Date

30 August 2024

Disclosure Year (year ended)

31 March 2024

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

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Disclosure Template Instructions

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

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

Company Name and Dates

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

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

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

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

Data Entry Cells and Calculated Cells

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

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

Validation Settings on Data Entry Cells

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

Conditional Formatting Settings on Data Entry Cells

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

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

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

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

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

Inserting Additional Rows and Columns

The schedule 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e templates may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule. Additional rows in the schedule 5c, 6a, and 9e templates must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

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

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

Disclosures by Sub-Network

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

Description of Calculation References

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

Worksheet Completion Sequence

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

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

Company Name
For Year Ended

Network Waitaki Limited
31 March 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 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

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	41,576	952	182,949	6,604	54,854
Network	11,071	254	48,715	1,759	14,606
Non-network	30,506	699	134,234	4,846	40,248
Expenditure on assets	69,268	1,587	304,800	11,003	91,388
Network	67,599	1,549	297,457	10,738	89,187
Non-network	1,669	38	7,343	265	2,202

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	79,761	1,827
Standard consumer line charge revenue	67,223	1,550
Non-standard consumer line charge revenue	12,537	46,528

1(iii): Service intensity measures

Demand density	36	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	159	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	7	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	22,908	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	12,806	52.13%
Pass-through and recoverable costs excluding financial incentives and wash-ups	5,528	22.50%
Total depreciation	5,021	20.44%
Total revaluations	4,853	19.75%
Regulatory tax allowance	130	0.53%
Regulatory profit/(loss) including financial incentives and wash-ups	5,935	24.16%
Total regulatory income	24,568	

1(v): Reliability

Interruption rate	22.54	Interruptions per 100 circuit km
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Company Name
For Year Ended

Network Waitaki Limited
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

2(i): Return on Investment

ROI – comparable to a post tax WACC

Reflecting all revenue earned
Excluding revenue earned from financial incentives
Excluding revenue earned from financial incentives and wash-ups

CY-2 CY-1 Current Year CY

% % %

8.08%	7.52%	4.21%
8.08%	7.52%	4.21%
8.08%	7.52%	4.21%

Mid-point estimate of post tax WACC

25th percentile estimate
75th percentile estimate

3.52%	4.88%	6.05%
2.84%	4.20%	5.37%
4.20%	5.56%	6.73%

ROI – comparable to a vanilla WACC

Reflecting all revenue earned
Excluding revenue earned from financial incentives
Excluding revenue earned from financial incentives and wash-ups

8.38%	8.03%	4.91%
8.38%	8.03%	4.91%
8.38%	8.03%	4.91%

WACC rate used to set regulatory price path

N/A	N/A	N/A
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Mid-point estimate of vanilla WACC

25th percentile estimate
75th percentile estimate

3.82%	5.39%	6.75%
3.14%	4.71%	6.07%
4.50%	6.07%	7.43%

2(ii): Information Supporting the ROI

(\$'000)

Total opening RAB value
plus Opening deferred tax

120,992	
(5,838)	
	115,154

Opening RIV

Line charge revenue

24,568

Expenses cash outflow
add Assets commissioned
less Asset disposals
add Tax payments
less Other regulated income

18,334	
13,140	
–	
60	
–	

Mid-year net cash outflows

31,535

Term credit spread differential allowance

–

Total closing RAB value
less Adjustment resulting from asset allocation
less Lost and found assets adjustment
plus Closing deferred tax

134,034	
71	
–	
(5,908)	

Closing RIV

128,056

ROI – comparable to a vanilla WACC

4.91%

Leverage (%)
Cost of debt assumption (%)
Corporate tax rate (%)

42%
5.97%
28%

ROI – comparable to a post tax WACC

4.21%

Company Name
For Year Ended

Network Waitaki Limited
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

2(iii): Information Supporting the Monthly ROI

Opening RIV

N/A

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

Tax payments

N/A

Term credit spread differential allowance

N/A

Closing RIV

N/A

Monthly ROI – comparable to a vanilla WACC

N/A

Monthly ROI – comparable to a post tax WACC

N/A

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

Year-end ROI – comparable to a vanilla WACC

4.88%

Year-end ROI – comparable to a post tax WACC

4.17%

* 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

IRIS incentive adjustment
Purchased assets – avoided transmission charge
Energy efficiency and demand incentive allowance
Quality incentive adjustment
Other financial incentives

N/A
N/A
N/A
N/A
N/A

Financial incentives

–

Impact of financial incentives on ROI

–

Input methodology claw-back
CPP application recoverable costs
Catastrophic event allowance
Capex wash-up adjustment
Transmission asset wash-up adjustment
2013–15 NPV wash-up allowance
Reconsideration event allowance
Other wash-ups

N/A
N/A
N/A
N/A
N/A
N/A
N/A

Wash-up costs

–

Impact of wash-up costs on ROI

–

Company Name
For Year Ended

Network Waitaki Limited
31 March 2024

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

3(i): Regulatory Profit

(\$000)

Income

Line charge revenue

24,568

plus Gains / (losses) on asset disposals

plus Other regulated income (other than gains / (losses) on asset disposals)

Total regulatory income

24,568

Expenses

less Operational expenditure

12,806

less Pass-through and recoverable costs excluding financial incentives and wash-ups

5,528

Operating surplus / (deficit)

6,234

less Total depreciation

5,021

plus Total revaluations

4,853

Regulatory profit / (loss) before tax

6,065

less Term credit spread differential allowance

—

less Regulatory tax allowance

130

Regulatory profit/(loss) including financial incentives and wash-ups

5,935

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

(\$000)

Pass through costs

Rates

106

Commerce Act levies

23

Industry levies

60

CPP specified pass through costs

N/A

Recoverable costs excluding financial incentives and wash-ups

Electricity lines service charge payable to Transpower

5,138

Transpower new investment contract charges

201

System operator services

N/A

Distributed generation allowance

N/A

Extended reserves allowance

N/A

Other recoverable costs excluding financial incentives and wash-ups

N/A

Pass-through and recoverable costs excluding financial incentives and wash-ups

5,528

3(iv): Merger and Acquisition Expenditure

(\$000)

Merger and acquisition expenditure

N/A

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)

3(v): Other Disclosures

(\$000)

Self-insurance allowance

N/A

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	95,283	98,825	100,426	110,927	120,992
less Total depreciation	4,123	4,400	4,390	4,589	5,021
plus Total revaluations	2,413	1,499	6,931	7,366	4,853
plus Assets commissioned	5,335	4,504	7,981	7,319	13,140
less Asset disposals	–	–	–	–	–
plus Lost and found assets adjustment	–	–	–	(5)	–
plus Adjustment resulting from asset allocation	(83)	(2)	(21)	(26)	71
Total closing RAB value	98,825	100,426	110,927	120,992	134,034

	Unallocated RAB *	RAB
	(\$000)	(\$000)
4(ii): Unallocated Regulatory Asset Base		
Total opening RAB value	121,932	120,992
less Total depreciation	5,185	5,021
plus Total revaluations	4,888	4,853
plus Assets commissioned (other than below)	11,838	11,751
Assets acquired from a regulated supplier		
Assets acquired from a related party	1,389	1,389
Assets commissioned	13,227	13,140
less Asset disposals (other than below)		
Asset disposals to a regulated supplier		
Asset disposals to a related party		
Asset disposals	–	–
plus Lost and found assets adjustment		
plus Adjustment resulting from asset allocation		71
Total closing RAB value	134,862	134,034

* 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

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

CPI _t	1,267
CPI _t ⁴	1,218
Revaluation rate (%)	4.02%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	121,932		120,992	
less Opening value of fully depreciated, disposed and lost assets	430		360	
Total opening RAB value subject to revaluation	121,502		120,632	
Total revaluations		4,888		4,853

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		1,585		1,503
plus Capital expenditure	19,153		19,007	
less Assets commissioned	13,227		13,140	
plus Adjustment resulting from asset allocation				
Works under construction - current disclosure year		7,511		7,370
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 *		RAB
	(\$000)	(\$000)	(\$000)
Depreciation - standard	4,508		4,508
Depreciation - no standard life assets	677		514
Depreciation - modified life assets			
Depreciation - alternative depreciation in accordance with CPP			
Total depreciation		5,185	5,021

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

* 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
Total opening RAB value	13,692	1,642	19,068	36,500	10,326	19,150	13,626	2,746	4,242	120,992
less Total depreciation	343	33	652	1,528	510	740	572	129	514	5,021
plus Total revaluations	551	66	767	1,466	410	770	548	110	165	4,853
plus Assets commissioned	3,785	48	1,672	3,089	1,475	640	1,230	976	224	13,140
less Asset disposals										-
plus Lost and found assets adjustment										-
plus Adjustment resulting from asset allocation									71	71
plus Asset category transfers										-
Total closing RAB value	17,685	1,723	20,854	39,528	11,701	19,820	14,832	3,704	4,188	134,034

109 Asset Life

Weighted average remaining asset life	42.2	50.1	35.8	36.5	40.6	32.7	29.1	20.0	44.8	(years)
Weighted average expected total asset life	51.5	62.2	48.8	52.0	54.2	48.9	38.4	26.0	48.5	(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

sch ref

5a(i): Regulatory Tax Allowance

(\$000)

Regulatory profit / (loss) before tax

6,065

plus Income not included in regulatory profit / (loss) before tax but taxable
Expenditure or loss in regulatory profit / (loss) before tax but not deductible
Amortisation of initial differences in asset values
Amortisation of revaluations

*
25 *
1,132
900

2,057

less Total revaluations
Income included in regulatory profit / (loss) before tax but not taxable
Discretionary discounts and customer rebates
Expenditure or loss deductible but not in regulatory profit / (loss) before tax
Notional deductible interest

4,853
*
*
2,805

7,658

Regulatory taxable income

464

less Utilised tax losses
Regulatory net taxable income

464

Corporate tax rate (%)

28%

Regulatory tax allowance

130

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

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

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

(\$000)

Opening unamortised initial differences in asset values
less Amortisation of initial differences in asset values
plus Adjustment for unamortised initial differences in assets acquired
less Adjustment for unamortised initial differences in assets disposed
Closing unamortised initial differences in asset values

21,499
1,132
20,367

Opening weighted average remaining useful life of relevant assets (years)

19

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

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

sch ref

5a(iv): Amortisation of Revaluations

(\$000)

Opening sum of RAB values without revaluations

98,675

Adjusted depreciation

4,121

Total depreciation

5,021

Amortisation of revaluations

900

5a(v): Reconciliation of Tax Losses

(\$000)

Opening tax losses

plus Current period tax losses

less Utilised tax losses

Closing tax losses

—

5a(vi): Calculation of Deferred Tax Balance

(\$000)

Opening deferred tax

(5,838)

plus Tax effect of adjusted depreciation

1,154

less Tax effect of tax depreciation

1,926

plus Tax effect of other temporary differences*

1,019

less Tax effect of amortisation of initial differences in asset values

317

plus Deferred tax balance relating to assets acquired in the disclosure year

—

less Deferred tax balance relating to assets disposed in the disclosure year

—

plus Deferred tax cost allocation adjustment

0

Closing deferred tax

(5,908)

5a(vii): Disclosure of Temporary Differences

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).

5a(viii): Regulatory Tax Asset Base Roll-Forward

(\$000)

Opening sum of regulatory tax asset values

62,381

less Tax depreciation

6,878

plus Regulatory tax asset value of assets commissioned

15,469

less Regulatory tax asset value of asset disposals

—

plus Lost and found assets adjustment

—

plus Adjustment resulting from asset allocation

71

plus Other adjustments to the RAB tax value

—

Closing sum of regulatory tax asset values

71,043

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

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

sch ref

5b(i): Summary—Related Party Transactions

	(\$000)	(\$000)
Total regulatory income		
Market value of asset disposals		
Service interruptions and emergencies	4	
Vegetation management	–	
Routine and corrective maintenance and inspection	3	
Asset replacement and renewal (opex)	1	
Network opex		8
Business support	294	
System operations and network support - other	–	
Non-network solutions provided by a related party or third party (Not Required before DY2025)	–	Not Required before DY2025
Operational expenditure		302
Consumer connection	182	
System growth	730	
Asset replacement and renewal (capex)	330	
Asset relocations	–	
Quality of supply	101	
Legislative and regulatory	13	
Other reliability, safety and environment	–	
Expenditure on non-network assets		33
Expenditure on assets		1,389
Cost of financing		
Value of capital contributions		
Value of vested assets		
Capital Expenditure		1,389
Total expenditure		1,691
Other related party transactions		

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

Name of related party	Nature of opex or capex service provided	Total value of transactions (\$000)
Whitestone Contracting Ltd	Service interruptions and emergencies	4
Whitestone Contracting Ltd	Routine and corrective maintenance and inspection	3
Whitestone Contracting Ltd	Asset replacement and renewal (opex)	1
Whitestone Contracting Ltd	Consumer connection	182
Whitestone Contracting Ltd	System growth	730
Whitestone Contracting Ltd	Asset replacement and renewal (capex)	330
Whitestone Contracting Ltd	Legislative and regulatory	13
Whitestone Contracting Ltd	Expenditure on non-network assets	33
Whitestone Contracting Ltd	Quality of supply	101
Directors fees	Business support	294
Total value of related party transactions		1,691

* 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 5c(i): Qualifying Debt (may be Commission only)
9

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						-	-	-

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

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

Company Name	Network Waitaki 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

sch ref	5d(i): Operating Cost Allocations	Arm's length deduction	Value allocated (\$000s)		Total	OVABAA allocation increase (\$000s)
			Electricity distribution services	Non-electricity distribution services		
7	Service interruptions and emergencies					
8	Directly attributable		809			
9	Not directly attributable				–	
10	Total attributable to regulated service		809			
11	Vegetation management					
12	Directly attributable		989			
13	Not directly attributable				–	
14	Total attributable to regulated service		989			
15	Routine and corrective maintenance and inspection					
16	Directly attributable		1,451			
17	Not directly attributable				–	
18	Total attributable to regulated service		1,451			
19	Asset replacement and renewal					
20	Directly attributable		160			
21	Not directly attributable				–	
22	Total attributable to regulated service		160			
23	Non-network solutions provided by a related party or third party					
24	Directly attributable					
25	Not directly attributable				–	
26	Total attributable to regulated service		–			
27	System operations and network support					
28	Directly attributable		3,840			
29	Not directly attributable				–	
30	Total attributable to regulated service		3,840			
31	Business support					
32	Directly attributable		248			
33	Not directly attributable		5,308	2,376	7,684	
34	Total attributable to regulated service		5,557			
35	Operating costs directly attributable		7,498			
36	Operating costs not directly attributable	–	5,308	2,376	7,684	–
37	Operational expenditure		12,806			
38						
39						
40						
41						
42						

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

5d(ii): Other Cost Allocations

Pass through and recoverable costs

(\$000)

Pass through costs

Directly attributable

189

Not directly attributable

Total attributable to regulated service

189

Recoverable costs

Directly attributable

5,339

Not directly attributable

Total attributable to regulated service

5,339

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

Change in cost allocation 1

(\$000)

Cost category

N/A

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

CY-1

Current Year (CY)

—

—

Rationale for change

Change in cost allocation 2

(\$000)

Cost category

N/A

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

CY-1

Current Year (CY)

—

—

Rationale for change

Change in cost allocation 3

(\$000)

Cost category

N/A

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

CY-1

Current Year (CY)

—

—

Rationale for change

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

† include additional rows if needed

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

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

sch ref

5e(i): Regulated Service Asset Values

	Value allocated (\$000s) Electricity distribution services
Subtransmission lines	
Directly attributable	17,685
Not directly attributable	
Total attributable to regulated service	17,685
Subtransmission cables	
Directly attributable	1,723
Not directly attributable	
Total attributable to regulated service	1,723
Zone substations	
Directly attributable	20,854
Not directly attributable	
Total attributable to regulated service	20,854
Distribution and LV lines	
Directly attributable	39,528
Not directly attributable	
Total attributable to regulated service	39,528
Distribution and LV cables	
Directly attributable	11,701
Not directly attributable	
Total attributable to regulated service	11,701
Distribution substations and transformers	
Directly attributable	19,820
Not directly attributable	
Total attributable to regulated service	19,820
Distribution switchgear	
Directly attributable	14,832
Not directly attributable	
Total attributable to regulated service	14,832
Other network assets	
Directly attributable	3,704
Not directly attributable	
Total attributable to regulated service	3,704
Non-network assets	
Directly attributable	1,440
Not directly attributable	2,748
Total attributable to regulated service	4,188
Regulated service asset value directly attributable	131,286
Regulated service asset value not directly attributable	2,748
Total closing RAB value	134,034

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

			(\$000)	
			CY-1	Current Year (CY)
Change in asset value allocation 1				
Asset category	N/A	Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
Rationale for change				
Change in asset value allocation 2				
Asset category	N/A	Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
Rationale for change				
Change in asset value allocation 3				
Asset category	N/A	Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
Rationale for change				

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

† include additional rows if needed

Company Name

Network Waitaki Limited

For Year Ended

31 March 2024

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

6a(i): Expenditure on Assets

(\$000)

(\$000)

Consumer connection

1,962

System growth

10,787

Asset replacement and renewal

6,865

Asset relocations

16

Reliability, safety and environment:

Quality of supply

1,124

Legislative and regulatory

68

Other reliability, safety and environment

-

Total reliability, safety and environment

1,192

Expenditure on network assets

20,822

Expenditure on non-network assets

514

Expenditure on assets

21,336

plus Cost of financing

less Value of capital contributions

2,329

plus Value of vested assets

Capital expenditure

19,007

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

Consumer types defined by EDB*

(\$000)

(\$000)

Non-Standard Consumers - Large Commercial and Industrial

438

Small Consumers - residential and commercial to 15kVA

986

Medium Consumers - residential and commercial 16kVA to 50kVA

121

Large Consumers - commercial and industrial 51kVA and above

417

* include additional rows if needed

Consumer connection expenditure

1,962

less Capital contributions funding consumer connection expenditure

962

Consumer connection less capital contributions

1,000

6a(iv): System Growth and Asset Replacement and Renewal

	System Growth (\$000)	Asset Replacement and Renewal (\$000)
Subtransmission	1,003	626
Zone substations	8,680	813
Distribution and LV lines	-	3,028
Distribution and LV cables	768	585
Distribution substations and transformers	-	536
Distribution switchgear	336	1,105
Other network assets	-	172
System growth and asset replacement and renewal expenditure	10,787	6,865
less Capital contributions funding system growth and asset replacement and renewal	1,342	25
System growth and asset replacement and renewal less capital contributions	9,445	6,840

Subtransmission

1,003

Zone substations

8,680

Distribution and LV lines

-

Distribution and LV cables

768

Distribution substations and transformers

-

Distribution switchgear

336

Other network assets

-

System growth and asset replacement and renewal expenditure

10,787

less Capital contributions funding system growth and asset replacement and renewal

1,342

System growth and asset replacement and renewal less capital contributions

9,445

6a(v): Asset Relocations

Project or programme*

(\$000)

(\$000)

Transpower Clearances Project

16

* include additional rows if needed

All other projects or programmes - asset relocations

Asset relocations expenditure

16

less Capital contributions funding asset relocations

Asset relocations less capital contributions

16

Company Name

Network Waitaki Limited

For Year Ended

31 March 2024

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

6a(vi): Quality of Supply

Project or programme*

Radio Link Upgrade

LV Customer Monitoring

Network Comms Improvements

Line Diff Protection

(\$000)

(\$000)

47

204

651

222

* include additional rows if needed

All other projects programmes - quality of supply

Quality of supply expenditure

1,124

less Capital contributions funding quality of supply

Quality of supply less capital contributions

1,124

6a(vii): Legislative and Regulatory

Project or programme*

Over Veranda Distribution Boxes Replacement

Substation Seismic Improvements

(\$000)

(\$000)

15

53

* include additional rows if needed

All other projects or programmes - legislative and regulatory

Legislative and regulatory expenditure

68

less Capital contributions funding legislative and regulatory

Legislative and regulatory less capital contributions

68

6a(viii): Other Reliability, Safety and Environment

Project or programme*

(\$000)

(\$000)

* include additional rows if needed

All other projects or programmes - other reliability, safety and environment

Other reliability, safety and environment expenditure

-

less Capital contributions funding other reliability, safety and environment

Other reliability, safety and environment less capital contributions

-

6a(ix): Non-Network Assets**Routine expenditure**

Project or programme*

Land and Buildings

Computer Hardware

Office Equipment

Plant and Equipment

Vehicles

(\$000)

(\$000)

307

108

3

52

44

* include additional rows if needed

All other projects or programmes - routine expenditure

Routine expenditure

514

Atypical expenditure

Project or programme*

(\$000)

(\$000)

* include additional rows if needed

All other projects or programmes - atypical expenditure

Atypical expenditure

-

Expenditure on non-network assets

514

Company Name

Network Waitaki 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	809	
9	Vegetation management	989	
10	Routine and corrective maintenance and inspection	1,451	
11	Asset replacement and renewal	160	
12	Network opex		3,410
13	Non-network solutions provided by a related party or third party		
14	System operations and network support	3,840	
15	Business support	5,557	
16	Non-network opex		9,396
17			
18	Operational expenditure		12,806
19	6b(i): Operational Expenditure <i>Not Required before DY2026</i>	(\$000)	(\$000)
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		

Company Name

Network Waitaki 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

35	System operations and network support		
36	Business support		
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*		
43	Research and development		
44	Insurance		681
45	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name

Network Waitaki 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

Line charge revenue

Target (\$000) ¹	Actual (\$000)	% variance
24,169	24,568	2%

7(ii): Expenditure on Assets

Consumer connection

System growth

Asset replacement and renewal

Asset relocations

Reliability, safety and environment:

Quality of supply

Legislative and regulatory

Other reliability, safety and environment

Total reliability, safety and environment**Expenditure on network assets**

Expenditure on non-network assets

Expenditure on assets

Forecast (\$000) ²	Actual (\$000)	% variance
1,509	1,962	30%
10,829	10,787	(0%)
5,085	6,865	35%
—	16	—
953	1,124	18%
—	68	—
—	—	—
953	1,192	25%
18,376	20,822	13%
3,475	514	(85%)
21,851	21,336	(2%)

7(iii): Operational Expenditure

Service interruptions and emergencies

Vegetation management

Routine and corrective maintenance and inspection

Asset replacement and renewal

Network opexNon-network solutions provided by a related party or third party *Not Required before DY2025*

System operations and network support

Business support

Non-network opex**Operational expenditure**

483	809	67%
712	989	39%
1,345	1,451	8%
261	160	(39%)
2,801	3,410	22%
—	—	—
4,896	3,840	(22%)
4,660	5,557	19%
9,556	9,396	(2%)
12,357	12,806	4%

7(iv): Subcomponents of Expenditure on Assets (where known)

Energy efficiency and demand side management, reduction of energy losses

Overhead to underground conversion

Research and development

—	—	—
—	—	—
—	—	—

7(v): Subcomponents of Operational Expenditure (where known)

Energy efficiency and demand side management, reduction of energy losses

Direct billing

Research and development

Insurance

—	—	—
—	—	—
—	—	—
646	681	5%

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

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

SCHEDULE B: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the filer to submit the billed quantities and associated line charges for each utility, categorized by the type of service provided. Information is also required for the number of kWh that are included in each customer group or price category only, and the energy delivered in kWh.

Filers must first enter the page layout of this schedule to match with the filing system.

Utility Name:
Filing Year:
Report Period:

Billed Quantities by Price Component

Customer Group or Price Category	Quantity (kWh)	Revenue (\$)	Percentage of Total kWh	Percentage of Total Revenue
Residential				
Commercial				
Industrial				
Public Works				
Other				
Total				

Price Component

Price Component	Quantity (kWh)	Revenue (\$)	Percentage of Total kWh	Percentage of Total Revenue
Base Rate				
Time-of-Day				
Seasonal				
Other				
Total				

Customer Group or Price Category

Customer Group or Price Category	Quantity (kWh)	Revenue (\$)
Residential		
Commercial		
Industrial		
Public Works		
Other		
Total		

Price Component

Price Component	Quantity (kWh)	Revenue (\$)
Base Rate		
Time-of-Day		
Seasonal		
Other		
Total		

Customer Group or Price Category	Quantity (kWh)	Revenue (\$)
Residential		
Commercial		
Industrial		
Public Works		
Other		
Total		

Customer Group or Price Category	Quantity (kWh)	Revenue (\$)
Residential		
Commercial		
Industrial		
Public Works		
Other		
Total		

Total kWh Delivered

Total Revenue

SCHEDULE B: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES
This schedule requires the billed quantities and associated line charge revenues for each price category code.

SCHEDULE B: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES
This schedule requires the billed quantities and associated line charge revenues for each prior category code used by the TSE in its pricing schedules. Information is also required on the number of ICs that are included in each consumer group or price category code, and the energy delivered in these ICs.

855: Line Charge Revenues (502) by Price Component

Generator group name or group category code	Standardised connection type	Standardised non-standard category group (panel)	Yearly change (cents in electricity price)
100	Standard	Standard	0.00
101	Standard	Standard	0.00
102	Standard	Standard	0.00
103	Standard	Standard	0.00
104	Standard	Standard	0.00
105	Standard	Standard	0.00
106	Standard	Standard	0.00
107	Standard	Standard	0.00
108	Standard	Standard	0.00
109	Standard	Standard	0.00
110	Standard	Standard	0.00
111	Standard	Standard	0.00
112	Standard	Standard	0.00
113	Standard	Standard	0.00
114	Standard	Standard	0.00
115	Standard	Standard	0.00
116	Standard	Standard	0.00
117	Standard	Standard	0.00
118	Standard	Standard	0.00
119	Standard	Standard	0.00
120	Standard	Standard	0.00
121	Standard	Standard	0.00
122	Standard	Standard	0.00
123	Standard	Standard	0.00
124	Standard	Standard	0.00
125	Standard	Standard	0.00
126	Standard	Standard	0.00
127	Standard	Standard	0.00
128	Standard	Standard	0.00
129	Standard	Standard	0.00
130	Standard	Standard	0.00
131	Standard	Standard	0.00
132	Standard	Standard	0.00
133	Standard	Standard	0.00
134	Standard	Standard	0.00
135	Standard	Standard	0.00
136	Standard	Standard	0.00
137	Standard	Standard	0.00
138	Standard	Standard	0.00
139	Standard	Standard	0.00
140	Standard	Standard	0.00
141	Standard	Standard	0.00
142	Standard	Standard	0.00
143	Standard	Standard	0.00
144	Standard	Standard	0.00
145	Standard	Standard	0.00
146	Standard	Standard	0.00
147	Standard	Standard	0.00
148	Standard	Standard	0.00
149	Standard	Standard	0.00
150	Standard	Standard	0.00
151	Standard	Standard	0.00
152	Standard	Standard	0.00
153	Standard	Standard	0.00
154	Standard	Standard	0.00
155	Standard	Standard	0.00
156	Standard	Standard	0.00
157	Standard	Standard	0.00
158	Standard	Standard	0.00
159	Standard	Standard	0.00
160	Standard	Standard	0.00
161	Standard	Standard	0.00
162	Standard	Standard	0.00
163	Standard	Standard	0.00
164	Standard	Standard	0.00
165	Standard	Standard	0.00
166	Standard	Standard	0.00
167	Standard	Standard	0.00
168	Standard	Standard	0.00
169	Standard	Standard	0.00
170	Standard	Standard	0.00
171	Standard	Standard	0.00
172	Standard	Standard	0.00
173	Standard	Standard	0.00
174	Standard	Standard	0.00
175	Standard	Standard	0.00
176	Standard	Standard	0.00
177	Standard	Standard	0.00
178	Standard	Standard	0.00
179	Standard	Standard	0.00
180	Standard	Standard	0.00
181	Standard	Standard	0.00
182	Standard	Standard	0.00
183	Standard	Standard	0.00
184	Standard	Standard	0.00
185	Standard	Standard	0.00
186	Standard	Standard	0.00
187	Standard	Standard	0.00
188	Standard	Standard	0.00
189	Standard	Standard	0.00
190	Standard	Standard	0.00
191	Standard	Standard	0.00
192	Standard	Standard	0.00
193	Standard	Standard	0.00
194	Standard	Standard	0.00
195	Standard	Standard	0.00
196	Standard	Standard	0.00
197	Standard	Standard	0.00
198	Standard	Standard	0.00
199	Standard	Standard	0.00
200	Standard	Standard	0.00
201	Standard	Standard	0.00
202	Standard	Standard	0.00
203	Standard	Standard	0.00
204	Standard	Standard	0.00
205	Standard	Standard	0.00
206	Standard	Standard	0.00
207	Standard	Standard	0.00
208	Standard	Standard	0.00
209	Standard	Standard	0.00
210	Standard	Standard	0.00
211	Standard	Standard	0.00
212	Standard	Standard	0.00
213	Standard	Standard	0.00
214	Standard	Standard	0.00
215	Standard	Standard	0.00
216	Standard	Standard	0.00
217	Standard	Standard	0.00
218	Standard	Standard	0.00
219	Standard	Standard	0.00
220	Standard	Standard	0.00
221	Standard	Standard	0.00
222	Standard	Standard	0.00
223	Standard	Standard	0.00
224	Standard	Standard	0.00
225	Standard	Standard	0.00
226	Standard	Standard	0.00
227	Standard	Standard	0.00
228	Standard	Standard	0.00
229	Standard	Standard	0.00
230	Standard	Standard	0.00
231	Standard	Standard	0.00
232	Standard	Standard	0.00
233	Standard	Standard	0.00
234	Standard	Standard	0.00
235	Standard	Standard	0.00
236	Standard	Standard	0.00
237	Standard	Standard	0.00
238	Standard	Standard	0.00
239	Standard	Standard	0.00
240	Standard	Standard	0.00
241	Standard	Standard	0.00
242	Standard	Standard	0.00
243	Standard	Standard	0.00
244	Standard	Standard	0.00
245	Standard	Standard	0.00
246	Standard	Standard	0.00
247	Standard	Standard	0.00
248	Standard	Standard	0.00
249	Standard	Standard	0.00
250	Standard	Standard	0.00
251	Standard	Standard	0.00
252	Standard	Standard	0.00
253	Standard	Standard	0.00
254	Standard	Standard	0.00
255	Standard	Standard	0.00
256	Standard	Standard	0.00
257	Standard	Standard	0.00
258	Standard	Standard	0.00
259	Standard	Standard	0.00
260	Standard	Standard	0.00
261	Standard	Standard	0.00
262	Standard	Standard	0.00
263	Standard	Standard	0.00
264	Standard	Standard	0.00
265	Standard	Standard	0.00
266	Standard	Standard	0.00
267	Standard	Standard	0.00
268	Standard	Standard	0.00
269	Standard	Standard	0.00
270	Standard	Standard	0.00
271	Standard	Standard	0.00
272	Standard	Standard	0.00
273	Standard	Standard	0.00
274	Standard	Standard	0.00
275	Standard	Standard	0.00
276	Standard	Standard	0.00
277	Standard	Standard	0.00
278	Standard	Standard	0.00
279	Standard	Standard	0.00
280	Standard	Standard	0.00
281	Standard	Standard	0.00
282	Standard	Standard	0.00
283	Standard	Standard	0.00
284	Standard	Standard	0.00
285	Standard	Standard	0.00
286	Standard	Standard	0.00
287	Standard	Standard	0.00
288	Standard	Standard	0.00
289	Standard	Standard	0.00
290	Standard	Standard	0.00
291	Standard	Standard	0.00
292	Standard	Standard	0.00
293	Standard	Standard	0.00
294	Standard	Standard	0.00
295	Standard	Standard	0.00
296	Standard	Standard	0.00
297	Standard	Standard	0.00
298	Standard	Standard	0.00
299	Standard	Standard	0.00
300	Standard	Standard	0.00
301	Standard	Standard	0.00
302	Standard	Standard	0.00
303	Standard	Standard	0.00
304	Standard	Standard	0.00
305	Standard	Standard	0.00
306	Standard	Standard	0.00
307	Standard	Standard	0.00
308	Standard	Standard	0.00
309	Standard	Standard	0.00
310	Standard	Standard	0.00
311	Standard	Standard	0.00
312	Standard	Standard	0.00
313	Standard	Standard	0.00
314	Standard	Standard	0.00
315	Standard	Standard	0.00
316	Standard	Standard	0.00
317	Standard	Standard	0.00
318	Standard	Standard	0.00
319	Standard	Standard	0.00
320	Standard	Standard	0.00
321	Standard	Standard	0.00
322	Standard	Standard	0.00
323	Standard	Standard	0.00
324	Standard	Standard	0.00
325	Standard	Standard	0.00
326	Standard	Standard	0.00
327	Standard	Standard	0.00
328	Standard	Standard	0.00
329	Standard	Standard	0.00
330	Standard	Standard	0.00
331	Standard	Standard	0.00
332	Standard	Standard	0.00
333	Standard	Standard	0.00
334	Standard	Standard	0.00
335	Standard	Standard	0.00
336	Standard	Standard	0.00
337	Standard	Standard	0.00
338	Standard	Standard	0.00
339	Standard	Standard	0.00
340	Standard	Standard	0.00
341	Standard	Standard	0.00
342	Standard	Standard	0.00
343	Standard	Standard	0.00
344	Standard	Standard	0.00
345	Standard	Standard	0.00
346	Standard	Standard	0.00
347	Standard	Standard	0.00
348	Standard	Standard	0.00
349	Standard	Standard	0.00
350	Standard	Standard	0.00
351	Standard	Standard	0.00
352	Standard	Standard	0.00
353	Standard	Standard	0.00
354	Standard	Standard	0.00
355	Standard	Standard	0.00
356	Standard	Standard	0.00
357	Standard	Standard	0.00
358	Standard	Standard	0.00
359	Standard	Standard	0.00
360	Standard	Standard	0.00
361	Standard	Standard	0.00
362	Standard	Standard	0.00
363	Standard	Standard	0.00
364	Standard	Standard	0.00
365	Standard	Standard	0.00
366	Standard	Standard	0.00
367	Standard	Standard	0.00
368	Standard	Standard	0.00
369	Standard	Standard	0.00
370	Standard	Standard	0.00
371	Standard	Standard	0.00
372	Standard	Standard	0.00
373	Standard	Standard	0.00
374	Standard	Standard	0.00
375	Standard	Standard	0.00
376	Standard	Standard	0.00
377	Standard	Standard	0.00
378	Standard	Standard	0.00
379	Standard	Standard	0.00
380	Standard	Standard	0.00
381	Standard	Standard	0.00
382	Standard	Standard	0.00
383	Standard	Standard	0.00
384	Standard	Standard	0.00
385	Standard	Standard	0.00
386	Standard	Standard	0.00
387	Standard	Standard	0.00
388	Standard	Standard	0.00
389	Standard	Standard	0.00
390	Standard	Standard	0.00
391	Standard	Standard	0.00
392	Standard	Standard	0.00
393	Standard	Standard	0.00
394	Standard	Standard	0.00
395	Standard	Standard	0.00
396	Standard	Standard	0.00
397	Standard	Standard	0.00
398	Standard	Standard	0.00
399	Standard	Standard	0.00
400	Standard	Standard	0.00
401	Standard	Standard	0.00
402	Standard	Standard	0.00
403	Standard	Standard	0.00
404	Standard	Standard	0.00
405	Standard	Standard	0.00
406	Standard	Standard	0.00
407	Standard	Standard	0.00
408	Standard	Standard	0.00
409	Standard	Standard	0.00
410	Standard	Standard	0.00
411	Standard	Standard	0.00
412	Standard	Standard	0.00
413	Standard	Standard	0.00
414	Standard	Standard	0.00
415	Standard	Standard	0.00
416	Standard	Standard	0.00
417	Standard	Standard	0.00
418	Standard	Standard	0.00
419	Standard	Standard	0.00
420	Standard	Standard	0.00
421	Standard	Standard	0.00
422	Standard	Standard	0.00
423	Standard	Standard	0.00
424	Standard	Standard	0.00
425	Standard	Standard	0.00
426	Standard	Standard	0.00
427	Standard	Standard	0.00
428	Standard	Standard	0.00
429	Standard	Standard	0.00
430	Standard	Standard	0.00
431	Standard	Standard	0.00
432	Standard	Standard	0.00
433	Standard	Standard	0.00
434	Standard	Standard	0.00
435	Standard	Standard	0.00
436	Standard	Standard	0.00
437	Standard	Standard	0.00
438	Standard	Standard	0.00
439	Standard	Standard	0.00
440	Standard	Standard	0.00
441	Standard	Standard	0.00
442	Standard	Standard	0.00
443	Standard	Standard	0.00
444	Standard	Standard	0.00
445	Standard	Standard	0.00
446	Standard	Standard	0.00
447	Standard	Standard	0.00
448	Standard	Standard	0.00
449	Standard	Standard	0.00
450	Standard	Standard	0.00
451	Standard	Standard	0.00
452	Standard	Standard	0.00
453	Standard	Standard	0.00
454	Standard	Standard	0.00
455	Standard	Standard	0.00
456	Standard	Standard	0.00
457	Standard	Standard	0.00
458	Standard	Standard	0.00
459	Standard	Standard	0.00
460	Standard	Standard	0.00
461	Standard	Standard	0.00
462	Standard	Standard	0.00
463	Standard	Standard	0.00
464	Standard	Standard	0.00
465	Standard	Standard	0.00
466	Standard	Standard	0.00
467	Standard	Standard	0.00
468	Standard	Standard	0.00
469	Standard	Standard	0.00
470	Standard	Standard	0.00
471	Standard	Standard	0.00
472	Standard	Standard	0.00
473	Standard	Standard	

[illegible]

Cost 2000	Cost 2000
Cost 2000	Cost 2000
Cost 2000	Cost 2000

8(ii). Number of OPs directly billed
Number of directly billed OPs at year end

8(ii). Number of OPs directly billed
Number of directly billed OPs at year end

Source: [tag: 1, year: 2009, 5, 1
article, 1000]

[illegible][illegible][illegible][illegible]

Total distribution-line charge revenue	Total transmission-line charge revenue
\$0	\$0
\$1	\$0
\$2	\$0
\$3	\$0
\$4	\$0
\$5	\$0
\$6	\$0
\$7	\$0
\$8	\$0
\$9	\$0
\$10	\$0
\$11	\$0
\$12	\$0
\$13	\$0
\$14	\$0
\$15	\$0
\$16	\$0
\$17	\$0
\$18	\$0
\$19	\$0
\$20	\$0
\$21	\$0
\$22	\$0
\$23	\$0
\$24	\$0
\$25	\$0
\$26	\$0
\$27	\$0
\$28	\$0
\$29	\$0
\$30	\$0
\$31	\$0
\$32	\$0
\$33	\$0
\$34	\$0
\$35	\$0
\$36	\$0
\$37	\$0
\$38	\$0
\$39	\$0
\$40	\$0
\$41	\$0
\$42	\$0
\$43	\$0
\$44	\$0
\$45	\$0
\$46	\$0
\$47	\$0
\$48	\$0
\$49	\$0
\$50	\$0
\$51	\$0
\$52	\$0
\$53	\$0
\$54	\$0
\$55	\$0
\$56	\$0
\$57	\$0
\$58	\$0
\$59	\$0
\$60	\$0
\$61	\$0
\$62	\$0
\$63	\$0
\$64	\$0
\$65	\$0
\$66	\$0
\$67	\$0
\$68	\$0
\$69	\$0
\$70	\$0
\$71	\$0
\$72	\$0
\$73	\$0
\$74	\$0
\$75	\$0
\$76	\$0
\$77	\$0
\$78	\$0
\$79	\$0
\$80	\$0
\$81	\$0
\$82	\$0
\$83	\$0
\$84	\$0
\$85	\$0
\$86	\$0
\$87	\$0
\$88	\$0
\$89	\$0
\$90	\$0
\$91	\$0
\$92	\$0
\$93	\$0
\$94	\$0
\$95	\$0
\$96	\$0
\$97	\$0
\$98	\$0
\$99	\$0
\$100	\$0

[illegible]

additional line charge
structure by price
component as

additional line charge
structure by price
component as

Company Name
For Year Ended
Network / Sub-network Name

Network Waitaki Limited
31 March 2024

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

						Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
	Voltage	Asset category	Asset class	Units					
8	All	Overhead Line	Concrete poles / steel structure	No.		9,192	9,202	10	4
9	All	Overhead Line	Wood poles	No.		12,416	12,557	141	4
10	All	Overhead Line	Other pole types	No.		—	—	—	N/A
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km		232	249	17	4
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km		—	—	—	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km		4	5	1	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km		—	—	—	N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km		—	—	—	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km		—	—	—	N/A
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km		—	—	—	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km		—	—	—	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas pressurised)	km		—	—	—	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km		—	—	—	N/A
21	HV	Subtransmission Cable	Subtransmission submarine cable	km		—	—	—	N/A
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.		19	19	—	4
23	HV	Zone substation Buildings	Zone substations 110kV+	No.		1	1	—	4
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.		—	—	—	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.		—	—	—	N/A
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.		—	—	—	N/A
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.		93	92	(1)	4
28	HV	Zone substation switchgear	33kV RMU	No.		—	—	—	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.		11	11	—	4
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.		51	55	4	4
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.		90	89	(1)	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.		3	4	1	4
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.		23	23	—	4
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km		1,256	1,266	10	4
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km		—	—	—	N/A
36	HV	Distribution Line	SWER conductor	km		—	—	—	N/A
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km		69	73	4	3
38	HV	Distribution Cable	Distribution UG PILC	km		17	17	0	3
39	HV	Distribution Cable	Distribution Submarine Cable	km		—	—	—	N/A
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.		59	57	(2)	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.		21	51	30	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.		4,049	4,111	62	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.		—	21	21	4
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.		177	152	(25)	4
45	HV	Distribution Transformer	Pole Mounted Transformer	No.		2,408	2,422	14	4
46	HV	Distribution Transformer	Ground Mounted Transformer	No.		585	588	3	4
47	HV	Distribution Transformer	Voltage regulators	No.		36	36	—	4
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.		—	—	—	N/A
49	LV	LV Line	LV OH Conductor	km		222	221	(1)	4
50	LV	LV Cable	LV UG Cable	km		107	108	1	4
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km		111	111	0	4
52	LV	Connections	OH/UG consumer service connections	No.		13,722	13,805	83	4
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.		172	181	9	4
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.		2	2	—	4
56	All	Load Control	Centralised plant	Lot		3	3	—	4
57	All	Load Control	Relays	No.		9,735	9,757	22	3
58	All	Civils	Cable Tunnels	km		—	—	—	N/A

SCHEDULE 9b: ASSET AGE PROFILE

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

sch ref

9b: Asset Age Profile

[illegible]

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

Circuit length by operating voltage (at year end)

> 66kV			—
50kV & 66kV			—
33kV	249	5	254
SWER (all SWER voltages)	—	—	—
22kV (other than SWER)	—	—	—
6.6kV to 11kV (inclusive—other than SWER)	1,266	90	1,356
Low voltage (< 1kV)	221	108	329
total circuit length (for supply)	1,736	203	1,939

Dedicated street lighting circuit length (km)	76	35	111
Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			-

- Urban
- Rural
- Remote only
- Rugged only
- Remote and rugged
- Unallocated overhead lines

Circuit length (km)	(% of total overhead length)
356	21%
1,378	79%
2	0%
	—
	—
	—
1,736	100%

	Circuit length (km)	(% of total circuit length)
Length of circuit within 10km of coastline or geothermal areas (where known)	768	40%

	Circuit length (km)	(% of total overhead length)
Overhead circuit requiring vegetation management	13	1%

Not required after DY2025

	Total newly identified throughout the disclosure year	Total remaining at high risk at the disclosure year-end	
Number of overhead circuit sites at high risk from vegetation damage	375	248	<i>Not required before DY2026</i>

Category of overhead circuit site

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
Subtransmission GLZ	5	2
Main HV Feeder GLZ	119	–
Fused HV Line GLZ	52	–
LV Urban GLZ	49	–
LV Rural GLZ	23	–
Other	–	–
Total number of sites	248	2

Not required before DY2026

Not required before DY2026

Not required before DY2026

Not required before DY2026

Not required before DY2026

Not required before DY2026

Not required before DY2026

* Insert new rows in table above Total line as necessary

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

		Average number of ICPs in disclosure year	Line charge revenue (\$000)
8	Location *		
9	No embedded networks operate within the Network Waitaki network area or are operated elsewhere by Network Waitaki.		
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26	* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB’s network or in another embedded network		

Company Name

Network Waitaki 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

9e(i): Consumer Connections and Decommissionings

Number of ICPs connected during year by consumer type

Consumer types defined by EDB*

Non-standard customers - large commercial and industrial
Small customers - residential and commercial to 15kVA
Medium customers - residential and commercial 16kVA to 50kVA
Large customers - commercial and industrial 51kVA and above

* include additional rows if needed

Connections total

Number of
connections (ICPs)

1
110
5
5

121

Number of ICPs decommissioned during year by consumer type

Consumer types defined by EDB*

Non-standard customers - large commercial and industrial
Small customers - residential and commercial to 15kVA
Medium customers - residential and commercial 16kVA to 50kVA
Large customers - commercial and industrial 51kVA and above

* include additional rows if needed

Decommissionings total

Number of
decommissionings

–
19
7
2

28

Distributed generation

Number of connections made in year

Capacity of distributed generation installed in year

59 connections

0.56 MVA

9e(ii): System Demand**Maximum coincident system demand**

GXP demand

plus Distributed generation output at HV and above

Maximum coincident system demand

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

Demand on system for supply to consumers' connection points

Demand at time
of maximum
coincident
demand (MW)

70
70
70

Electricity volumes carried

Electricity supplied from GXPs

less Electricity exports to GXPs

plus Electricity supplied from distributed generation

less Net electricity supplied to (from) other EDBs

Electricity entering system for supply to consumers' connection points

less Total energy delivered to ICPs

Electricity losses (loss ratio)

Energy (GWh)

324
–
1
–
325
308
17

5.3%

Load factor

0.53

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

Distribution transformer capacity (Non-EDB owned)

Total distribution transformer capacity

(MVA)

233
12
245

(MVA)

228
–
228

Company Name

Network Waitaki 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.

sch ref

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**

1
215
139
2
–
–
–
–
80
437

Interruption restoration

Class C interruptions restored within

≤3Hrs

>3hrs

102	37
-----	----

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

0.0001	0.01
0.2360	60.49
1.5315	111.44
0.0001	0.02
–	–
–	–
–	–
–	–
0.0108	2.36
1.7785	174.32

Normalised SAIFI and SAIDI

Classes B & C (interruptions on the network)

Normalised SAIFI

Normalised SAIDI

1.4142	110.64
--------	--------

Not required after DY2024

Transitional SAIFI and SAIDI (previous method)

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

SAIFI

SAIDI

0.2325	60.49
1.2692	111.44

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

Network Waitaki 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**

0.0769	2.55
0.1916	6.58
0.5075	75.63
—	—
0.1344	8.57
0.0459	1.94
0.0160	0.11
0.3254	11.47
0.2338	4.59
—	—
—	—

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**

0.0006	0.09
0.0559	2.70
—	—
0.0699	5.28
0.0080	0.50

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**

0.0007	0.04
—	—
—	—
0.2344	60.01
0.0009	0.44
—	—

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**

0.5368	12.77
—	—
—	—
0.9940	98.56
0.0007	0.11
—	—

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)****Fault rate (faults
per 100km)**

10	249
—	5
—	—
106	1,266
1	90
—	—
117	—

4.02
—

8.37
1.11

Total

Company Name
For Year Ended
Network / Sub-network Name

Network Waitaki Limited
31 March 2024

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

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10(vi): Worst-performing feeders (unplanned)

Not required before DY2025

SAIDI

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

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

SAIFI

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

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

Customer Impact

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

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



EDB Information Disclosure Requirements Information Templates

Schedules 5f - 5h

Company Name

Network Waitaki Limited

Disclosure Date

Disclosure Year (year ended)

31 March 2024

Templates for Schedules 5f–5h
Prepared 16 February 2024

Table of Contents

Schedule	Schedule name
5f	REPORT SUPPORTING COST ALLOCATIONS
5g	REPORT SUPPORTING ASSET ALLOCATIONS
5h	REPORT ON CYBERSECURITY EXPENDITURE

Disclosure Template Instructions

This document forms Schedules 5f, 5g and 5h to the Electricity Distribution Information Disclosure (Targeted Review 2024) Amendment Determination 2024 [2024] NZCC 2.

The Schedules take the form of templates for use by EDBs when making disclosures under subclause 2.3.2 of the Electricity Distribution Information Disclosure Determination 2012.

Instructions for completing schedules 5f & 5g

When completing the schedule 5f & 5g templates, EDBs are only required to report on cost or asset values that are not directly attributable. If EDBs do not have any cost or asset values that are not directly attributable, they should indicate this on the first "Insert cost description" input box.

EDBs are required to submit schedules 5f & 5g to the Commission even if they do not have any cost or asset values that are not directly attributable.

Company Name and Dates

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

The cell C12 entry (current year) is used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

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

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

Data Entry Cells and Calculated Cells

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

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

Validation Settings on Data Entry Cells

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

Inserting Additional Rows

The schedules 5f and 5g templates may require additional rows to be inserted in tables.

Additional rows must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals. Column A schedule references should not be entered in additional rows.

Company Name Network Waitaki Limited
For Year Ended 31 March 2024

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

Network Waitaki Limited's Return on Investment (comparable to a post-tax WACC) of 4.21% p.a. is below the 25th percentile WACC estimate of 5.37% p.a. and is a decrease on last year's ROI of 7.52%. The main contributing factor to the lower ROI is the asset revaluation rate of 4.02% compared to the previous year's revaluation rate of 6.65%.

The ROI reflects a reasonable return on investment for the Waitaki Power Trust who represent the electricity consumers in the Waitaki District.

No items have been reclassified.

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

Other regulated income was nil.

No items have been reclassified.

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

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

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

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

Box 3: Explanatory comment on merger and acquisition expenditure

No merger and acquisition expenditure this 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 roll forward of Network Waitaki Limited's regulatory asset base was done using standard procedures. No items were reclassified this year.

Assets commissioned were 80% higher this year (\$13,140k) compared to last year (\$7,319k) due to increased capital spend required for growth including the installation of the new Te Awamako zone substation and associated distribution lines.

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

Expenditure or loss in regulatory profit / (loss) before tax but not deductible of which \$25k is from entertainment expenses incurred by Network Waitaki Limited.

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)

Temporary differences are the tax effect of the difference between the tax and information disclosure treatment of capital contribution income. This amounts to \$1,019k depicted in Schedule 5a(vi) 'Tax effect of other temporary differences', which is made up of the Tax effect of \$620k as shown in the table 1 below, plus the \$399k for provisions shown in table 2.

Capital Contributions	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 Total Remaining
624,775	- 62,477	- 62,477	- 62,477	- 62,477	- 62,477	- 62,477	- 62,477	- 62,477	- 62,477	- 62,477	-	-	-
1,127,125	-	112,713	- 112,713	- 112,713	- 112,713	- 112,713	- 112,713	- 112,713	- 112,713	- 112,713	- 112,713	-	-
1,459,782	-	-	145,978	- 145,978	- 145,978	- 145,978	- 145,978	- 145,978	- 145,978	- 145,978	- 145,978	- 145,978	-
3,362,025	-	-	-	336,203	- 336,203	- 336,203	- 336,203	- 336,203	- 336,203	- 336,203	- 336,203	- 336,203	-
2,480,806	-	-	-	-	248,081	- 248,081	- 248,081	- 248,081	- 248,081	- 248,081	- 248,081	- 248,081	248,081
2,034,517	-	-	-	-	-	203,452	- 203,452	- 203,452	- 203,452	- 203,452	- 203,452	- 203,452	406,903
1,667,619	-	-	-	-	-	-	166,762	- 166,762	- 166,762	- 166,762	- 166,762	- 166,762	500,286
1,790,631	-	-	-	-	-	-	-	179,063	- 179,063	- 179,063	- 179,063	- 179,063	716,252
1,829,497	-	-	-	-	-	-	-	-	182,950	- 182,950	- 182,950	- 182,950	914,748
2,075,308	-	-	-	-	-	-	-	-	-	207,531	- 207,531	- 207,531	1,245,185
2,389,224	-	-	-	-	-	-	-	-	-	-	238,922	- 238,922	1,672,457
2,215,132	-	-	-	-	-	-	-	-	-	-	-	221,513	1,772,106
2,312,278	-	-	-	-	-	-	-	-	-	-	-	-	2,081,050
25,368,720	- 62,477	- 175,190	- 321,168	- 657,371	- 905,451	- 1,108,903	- 1,275,665	- 1,454,728	- 1,637,678	- 1,845,209	- 2,021,654	- 2,130,454	9,557,068
	-62477	-175190	-321168	-657371	-905451	-1108903	-1275665	-1454728	-1637678	-1845209	-2021654	-2130454	-2215704
	562297	1514233	2652846	5357501	6932856	7858470	8250425	8586327	8778146	9008245	9375816	9460494	9557068
	28%	28%	28%	28%	28%	28%	28%	28%	28%	28%	28%	28%	28%
	17	49	90	184	254	310	357	407	459	517	566	597	620

Table 2: derivation of (\$399K) in provisions for leave etc

Movement in Provisions	Opening	Closing	Movement
Annual Leave	- 437,412	585,452	148,040
63 day adjustment	-	-	-
ACC	- 6,170	6,927	757
Long service leave	- 143,052	135,012	8,040
63 day adjustment	-	-	-
Gratuity	- 48,490	52,629	4,139
Doubtful Debt	- 79,436	107,819	28,383
Event Centre Sponsorship	-	1,250,000	1,250,000
Total	- 714,560	362,161	1,423,279
			28%
			399

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

The Business Support operational expenditure category has costs that are not directly attributable. ABAA was used as the allocation methodology in Business Support. Proxy cost allocators have been used for business support costs excluding IT costs due to no direct relationship between not directly attributable operating costs and the manner in which costs are incurred. IT costs are allocated on a causal allocator of the number of IT users.

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

The Non-network asset category has costs that are not directly attributable.

These include: Building & Fit-out, Office Equipment, Computers, Software, Motor Vehicles, Plant & Equipment, Generator.

The allocation methodology used in all cases is ABAA.

A Proxy allocator of estimated FTE's is used for Building & Fit-out, Office Equipment, Motor Vehicles, Plant & Equipment and Generators, as it is a fair reflection of the proportion of assets used on the network business. A causal allocator, the number of IT users, is being used to allocate Computer and Software assets.

Proxy cost allocators have been used due to no direct relationship between not directly attributable non-network assets and the manner in which the economic benefits are derived.

Capital Expenditure for the Disclosure Year (Schedule 6a)

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

Box 9: Explanation of capital expenditure for the disclosure year

No items have been reclassified this year.

No materiality threshold was applied. Projects as outlined in the network system reporting schedule were reported.

Expenditure is capital in nature if it relates to :

- a new asset on the network;
- the replacement of an existing asset; or
- an expense that extends the useful life of an existing asset.

Operational Expenditure for the Disclosure Year (Schedule 6b)

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

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

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

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

Box 10: Explanation of operational expenditure for the disclosure year

Asset replacement and renewal in this category generally covers lower-level activities that are not classified as capital replacement. This covers activities such as:

- correcting minor defects found during line patrols (e.g. damaged insulators, crossarms, straightening leaning poles);
- defect remediation on service fuse boxes.
- transformer maintenance such as replacing minor components, rust repairs, and painting.
- Power transformer on load tap changer maintenance, repair of leaks, renewal of paintwork.
- Maintaining oil filled switch gear.
- Replacement of subcomponents of distribution poles, such as binders, cross arms or tightening and adjustment work on these assets.

No items have been reclassified this year.

Variance between forecast and actual expenditure (Schedule 7)

14. In the box below, comment on variance in actual to forecast expenditure for the disclosure year, as reported in Schedule 7. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 11: Explanatory comment on variance in actual to forecast expenditure

Capital Expenditure

Capital expenditure was \$453k (30%) higher than target in the area of Consumer Connections due to a significant increase in customer work projects and including supporting works to enable new EV rapid charger sites in Tyne Street and Omarama.

Asset Replacement and Renewal expenditure was \$1.78m (35%) higher than target due to unscheduled emergency asset replacements (i.e. Ohau-Twizel poles) and some early FY25 asset replacement projects procurement and design works to ensure delivery of works programme in FY25.

Expenditure relating to reliability, safety and environment:

- \$171k (18%) above target in the area of *Quality of Supply* due to a project (line diff protection) being reclassified to Quality of Supply from System Growth.
- \$68k above target in the area of *Legislative and Regulatory* due to completion of FY2023 deferred progression of substation seismic improvement.

Expenditure relating to non-network assets was \$2.96m (85%) below target due to the planned site redevelopment which was delayed to allow for a redesign process to ensure it met the changing business needs.

Operational Expenditure

Actual expenditure for Service Interruptions and Emergencies was \$326k (67%) over target. This was primarily due to the impact of increased faults and significant high wind events during October.

Vegetation management expenditure was \$277k (39%) higher than target due to undertaking of large tree risk removals using additional internal and external resourcing. New vegetation strategy being implemented for better monitoring and targeting of works. This has initially incurred increased standalone costs for traffic management, switching etc.

Routine and corrective maintenance and inspection was \$106k (8%) higher than target due to addressing substation work identified but not completed in previous years. We expect this issue to be resolved in new financial year.

Asset replacement and renewal was \$101k (39%) below target due to less maintenance on ABS due to a change in policy.

System operations and network support was \$1.06m (22%) below target due to reduced employee expenses and professional services costs as there was provision for items which

were eventually not required.

Business Support costs were \$897k (19%) higher than target due to the implementation of a new finance system which is a SaaS solution and therefore included as Opex. In addition, sponsorship of the Network Waitaki Event Centre as part of our community ownership has been included in Opex costs. This was not included in target forecast due to uncertainty about the timing of the payment while remaining funding was secured by the community for the project to go ahead. (The impact of the two items is \$1.4m).

Information relating to revenues and quantities for the disclosure year

15. In the box below provide-

- 15.1 a comparison of the target revenue disclosed before the start of the disclosure year, in accordance with clause 2.4.1 and subclause 2.4.3(3) to total billed line charge revenue for the disclosure year, as disclosed in Schedule 8; and
- 15.2 explanatory comment on reasons for any material differences between target revenue and total billed line charge revenue.

Box 12: Explanatory comment relating to revenue for the disclosure year

Actual revenue (post fixed discount) was 2% higher than the target revenue (post fixed discount) stated in the pricing methodology. Total billable volumes were 17% higher than budgeted due to higher than normal irrigation during the dry summer as well as a large new decarbonisation connection resulting in higher-than-forecast demand.

Network Waitaki bills on GXP volumes (including losses) as reported by the Reconciliation Manager. Schedule 8 requires the reporting of energy delivered to ICPs and the billed quantities by price component. Under the GXP pricing methodology, the actual energy delivered to ICPs thus differs from the chargeable kWh quantities which include losses. Network Waitaki is reliant on the accuracy and completeness of information supplied to it by retailers for the measurement of electricity delivered to customers.

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

Network Waitaki's SAIDI and SAIFI performance was good within the industry context and better than our targeted limits last year when taking into account the one-off major wind event on the 2nd of October 2023 (this is normalised under the regulatory regime).

We continue to have a moderate level of interruptions to complete planned works, however when justified that it can be completed safely, live work is used to minimise customer impact as well as maintaining focus on installing generators on the high voltage network to also minimise customer impact.

Network Waitaki still has limited ability to independently verify its network reliability information due to the limitations of our systems, and lack of access to data relating to the status of individual customer premises (e.g. through the provision of retailer held smart meter data). SCADA switching times are only available for larger interruptions. There has again been more automated devices installed on the network, improving the recorded interruption times. For smaller interruptions the information is still derived from consumer reports and fault documentation. These limitations are included in the network reliability information required to be disclosed in Reports 10(i) to 10(v).

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

Network Waitaki insures its vehicles and buildings (including substations) and has public liability insurance. It does not insure its network, e.g. poles and lines, as it is not cost effective to do so.

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 material errors identified.

Company Name Network Waitaki Limited

For Year Ended 31 March 2024

Schedule 14a Mandatory Explanatory Notes on Forecast Information

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

19. This Schedule requires EDBs to provide explanatory notes to reports prepared in accordance with clause 2.6.6.
20. 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)

21. 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
Network Waitaki used a combination of CPI forecasts of the Reserve Bank of New Zealand Monetary Policy Statement, February 2023 and an increase due to historical evidence that the Electricity Industry CPI results in a higher-than-average rate.

For CY+1 a CPI forecast of 8% was applied. From CY+2 to CY+5 a CPI forecast of 7% per annum was applied. From CY+6 to CY+10 a CPI forecast of 5% per annum was applied.

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

22. 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
Network Waitaki used a combination of CPI forecasts of the Reserve Bank of New Zealand Monetary Policy Statement, February 2023 and an increase due to historical evidence that the Electricity Industry CPI results in a higher-than-average rate.

For CY+1 a CPI forecast of 7% was applied. From CY+2 to CY+5 a CPI forecast of 6% per annum was applied. From CY+6 to CY+10 a CPI forecast of 4% per annum was applied.

Company Name Network Waitaki Limited

For Year Ended 31 March 2024

Schedule 15 Voluntary Explanatory Notes

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

23. This schedule enables EDBs to provide, should they wish to-
- 23.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1 and 2.5.2;
- 23.2 information on any substantial changes to information disclosed in relation to a prior disclosure year, as a result of final wash-ups.
24. 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.
25. Provide additional explanatory comment in the box below.

Box 1: Voluntary explanatory comment on disclosed information

Schedule 9c

The 13km of overhead circuit requiring vegetation management is based on the actual number of recorded vegetation management jobs (excluding inspections) completed in FY24.

Schedule 10

We have disclosed the vegetation In Zone and Out of Zone breakdown this year, even though not required until future disclosure years.

Appendix A – Related Party Disclosure Requirements

For the year ended 31 March 2024

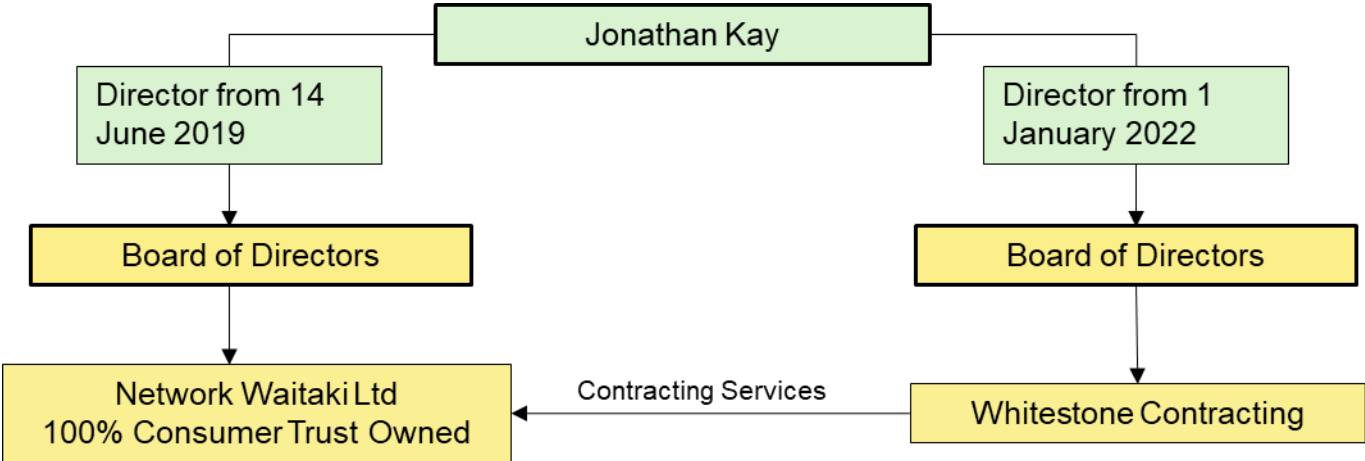
Dated 31 August 2024

Requirement 2.3.8: Relationships between the EDB and the related parties

2.3.8(1) What is the relationship between Network Waitaki and the Related Parties?

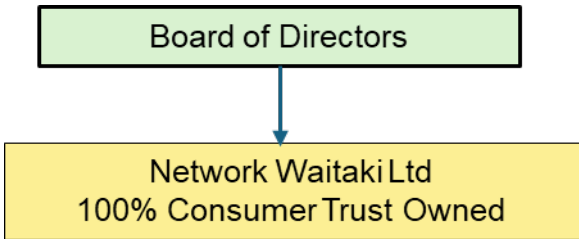
a) Whitestone Contracting

As shown in the following diagrams the relationship is one of common directorship. One of Network Waitaki’s Directors, Jonathan Kay was also a Director of Whitestone Contracting during the 2024 year.



b) Board of Directors

As shown in the following diagram the relationship is one of Governance.



2.3.8(2) What are the principal activities of the Related Parties?

a) Whitestone Contracting

Whitestone Contracting’s principal activities relate to civil contracting and construction; water and drainage, cable and pipe location, asphalt, chipseal, road maintenance and plant hire.

Network Waitaki purchases civil contracting works from Whitestone Contracting in the ordinary course of providing an electricity distribution service. The terms governing this relationship were negotiated on an arms-length basis prior to the appointments of Jonathan Kay to the Network Waitaki Board of Directors and have not changed since.

As the terms were negotiated prior to Whitestone Contracting becoming a deemed related party, these are considered fair market terms.

b) Board of Directors

The Board of Directors is responsible for the corporate governance of Network Waitaki. Appointed by the Waitaki Power Trust.

2.3.8(3) What is the total annual expenditure incurred by Network Waitaki with the Related Parties?

a) Whitestone Contracting

Total annual expenditure for FY2024 is \$1,430,544. Due to the Information Disclosure related party definitions, related party expenditure in schedule 5b is \$1,397,000.

b) Board of Directors

Annual Directors' fees for FY2024 is \$294,082.

Certification for Yearend Disclosures

Pursuant to Schedule 18

Clause 2.9.2 of section 2.9

Electricity Distribution Information Disclosure Determination 2012

We, Mr. M. de Buyzer and Mr. R. Caldwell being directors of Network Waitaki 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, 2.5.2 and 2.7.1 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects comply 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 Network Waitaki'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.

A handwritten signature in blue ink, appearing to read 'Michael de Buyzer'.

Mr. M. de Buyzer
Chair of the Board of Directors

A handwritten signature in blue ink, appearing to read 'R. Caldwell'.

Mr. R. Caldwell
Chair of the Finance and Audit Committee

Date: 29 July 2024

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Independent Assurance Report

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

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

The Auditor-General is the auditor of the Company.

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

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

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

Qualified Opinion

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

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

Basis for Qualified opinion

As describe in Box 13 of Schedule 14, there are inherent limitations in the ability of the Company to collect and record the network reliability information, specifically the installation control points ("ICPs") affected by an interruption and the duration of the interruption used in calculating the amounts required to be disclosed in Schedule 10(i) to 10(iv). Consequently, there is no independent evidence available to support the accuracy and completeness of the ICPs affected and duration of an interruption. Controls over the accuracy and completeness of ICPs and interruption data included in the SAIDI and SAIFI outage statistics are limited throughout the year.



There are no practical audit procedures that we could adopt to independently confirm the accuracy and completeness of the ICPs data used to record the number of ICPs affected and duration of the interruption for the purposes of inclusion in the amounts relating to SAIDI and SAIFI outage statistics set out in Schedule 10(i) to 10(iv).

Because of the potential effect of the limitations described above, we are unable to form an opinion as to the accuracy and completeness of the data that forms the basis of the compilation of Schedule 10(i) to 10(iv). In this respect alone we have not obtained all the recorded evidence and explanations that we have required.

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

Key Assurance Matters

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

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

Key Assurance Matter	How our procedures addressed the key assurance matter
	<p>Depreciation</p> <ul style="list-style-type: none"> • For assets with no standard asset lives we assessed the reasonableness of the lives used by reference to the accounting depreciation rates used in preparing the financial statements; • We compared the spreadsheet formula utilised to calculate regulatory depreciation expense with IM Determination clause 2.2.5; and • We compared the standard asset lives by asset category to those set out in the IM Determination. <p>Revaluation</p> <ul style="list-style-type: none"> • We recalculated the revaluation rate set out in the IM Determination using the relevant Consumer Price Index indices taken from the Statistics New Zealand website; and • We tested the mathematical accuracy of the revaluation calculation performed by management. <p>Disposals</p> <ul style="list-style-type: none"> • We reconciled the disposals, as per the regulatory fixed asset register, to the asset disposals disclosed in the audited annual financial statements and investigated any material reconciling items; and • We inspected the asset disposals within the accounting fixed asset register to ensure disposals in the RAB meet the definition of a disposal per the IMs.
<p>Cost and Asset Allocation</p> <p>The Determination relates to information concerning the supply of electricity distribution services. In addition to the regulated supply of electricity, Network Waitaki Limited also supplies customers with other unregulated services such as metering services.</p> <p>As set out in schedules 5d, 5e, 5f and 5g, costs and asset values that relate to electricity distribution services regulated under the Determination should comprise:</p>	<p>We obtained an understanding of the Network Waitaki Limited's cost and asset allocation processes and the methodologies applied.</p> <p>Our procedures over cost and asset allocation included:</p> <ul style="list-style-type: none"> • Reconciling the regulated and unregulated financial information to the audited financial statements.

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

**Directors' responsibilities**

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

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

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

Auditor's responsibilities

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

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

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

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

Inherent limitations

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

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

Restricted use

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



Independence and quality control

We complied with the Auditor-General's:

- independence and other ethical requirements, which incorporate the requirements of Professional and Ethical Standard 1 *International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand)* (PES 1) issued by the New Zealand Auditing and Assurance Standards Board; 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 PricewaterhouseCoopers and its partners and employees may deal with the company on normal terms within the ordinary course of trading activities of the company. Other than any dealings on normal terms within the ordinary course of trading activities of the company, 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.

A handwritten signature in black ink, appearing to read 'Maxwell John Dixon', with a stylized flourish at the end.

Maxwell John Dixon
PricewaterhouseCoopers
On behalf of the Auditor-General
Christchurch, New Zealand
1 August 2024