

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

Company Name

Northpower

Disclosure Date

31 August 2025

Disclosure Year (year ended)

31 March 2025

Templates for Schedules 1–10 excluding 5f–5h

Prepared 27 November 2024

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Disclosure Template Instructions

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

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

Company Name and Dates

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

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

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

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

Data Entry Cells and Calculated Cells

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

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

Validation Settings on Data Entry Cells

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

Conditional Formatting Settings on Data Entry Cells

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

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

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

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

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

Inserting Additional Rows and Columns

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

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

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

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

Disclosures by Sub-Network

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

Description of Calculation References

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

Worksheet Completion Sequence

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

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

Cell colouring

- 1. White: Data entry

2. Yellow: Formula/Blank/Empty columns

- 3. Dark grey: Blank/Empty columns

Note: The template for the new Schedule 3a is in a new layout to improve data entry and processing. These schedules follow the same colour formatting as other schedules, with white cells requiring data entry.

Company Name

Northpower

For Year Ended

31 March 2025

SCHEDULE 1: ANALYTICAL RATIOS

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

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

sch ref

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	47,713	576	246,231	5,952	60,236
Network	18,033	218	93,064	2,250	22,766
Non-network	29,680	359	153,168	3,703	37,470
Expenditure on assets	69,205	836	357,142	8,633	87,369
Network	67,240	812	347,003	8,388	84,888
Non-network	1,965	24	10,139	245	2,480

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	100,950	1,220
Standard consumer line charge revenue	110,885	1,017
Non-standard consumer line charge revenue	69,700	1,455,200

1(iii): Service intensity measures

Demand density	24	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	125	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	10	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	12,081	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	37,166	46.78%
Pass-through and recoverable costs excluding financial incentives and wash-ups	19,223	24.20%
Total depreciation	14,252	17.94%
Total revaluations	9,753	12.28%
Regulatory tax allowance	2,171	2.73%
Regulatory profit/(loss) including financial incentives and wash-ups	16,391	20.63%
Total regulatory income	79,450	

1(v): Reliability

Interruption rate	14.35	Interruptions per 100 circuit km
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Company Name	Northpower
For Year Ended	31 March 2025

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

7	2(i): Return on Investment	CY-2	CY-1	Current Year CY
8				
9	ROI – comparable to a post tax WACC	%	%	%
10	Reflecting all revenue earned	5.91%	4.62%	3.59%
11	Excluding revenue earned from financial incentives	5.91%	4.62%	3.59%
12	Excluding revenue earned from financial incentives and wash-ups	5.91%	4.62%	3.59%
13				
14	Mid-point estimate of post tax WACC	4.88%	6.05%	6.18%
15	25th percentile estimate	4.20%	5.37%	5.50%
16	75th percentile estimate	5.56%	6.73%	6.86%
17				
18				
19	ROI – comparable to a vanilla WACC			
20	Reflecting all revenue earned	6.43%	5.32%	4.31%
21	Excluding revenue earned from financial incentives	6.43%	5.32%	4.31%
22	Excluding revenue earned from financial incentives and wash-ups	6.43%	5.32%	4.31%
23				
24	WACC rate used to set regulatory price path			
25				
26	Mid-point estimate of vanilla WACC	5.39%	6.75%	6.90%
27	25th percentile estimate	4.71%	6.07%	6.22%
28	75th percentile estimate	6.07%	7.43%	7.58%
29				
30	2(ii): Information Supporting the ROI	(\$000)		
31				
32	Total opening RAB value	386,466		
33	plus Opening deferred tax	(18,102)		
34	Opening RIV		368,364	
35				
36	Line charge revenue		78,634	
37				
38	Expenses cash outflow	56,389		
39	add Assets commissioned	32,581		
40	less Asset disposals	203		
41	add Tax payments	(308)		
42	less Other regulated income	816		
43	Mid-year net cash outflows		87,644	
44				
45	Term credit spread differential allowance		–	
46				
47	Total closing RAB value	414,549		
48	less Adjustment resulting from asset allocation	199		
49	less Lost and found assets adjustment	–		
50	plus Closing deferred tax	(20,581)		
51	Closing RIV		393,769	
52				
53	ROI – comparable to a vanilla WACC			4.31%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			6.12%
57	Corporate tax rate (%)			28%
58				
59	ROI – comparable to a post tax WACC			3.59%
60				

Company Name

Northpower

For Year Ended

31 March 2025

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
revenueExpenses cash
outflowAssets
commissionedAsset
disposalsOther regulated
incomeMonthly net cash
outflows

April

May

June

July

August

September

October

November

December

January

February

March

Total

Tax payments

Term credit spread differential allowance

Closing RIV

Monthly ROI – comparable to a vanilla WACC

Monthly ROI – comparable to a post tax WACC

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

Year-end ROI – comparable to a vanilla WACC

4.26%

Year-end ROI – comparable to a post tax WACC

3.54%

* 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

Innovation and non-traditional solutions recovered amount

Quality incentive adjustment

Other CPP financial incentives

Financial incentives

Impact of financial incentives on ROI

Input methodology claw-back

CPP application recoverable costs

CPP Urgent project allowance

Reopener event allowance

Wash-up draw down amount

Catastrophic event allowance

Capex wash-up adjustment

Transmission asset wash-up adjustment

2013–15 NPV wash-up allowance

Reconsideration event allowance

Not Required before DY

Not Required before DY

Not Required before DY

Not Required after DY20

Not Required after DY20

Not Required after DY20

Not Required after DY20

Not Required after DY20

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		
121	Other CPP wash-ups	
122	Wash-up costs	-
123		
124	Impact of wash-up costs on ROI	-

Company Name

Northpower

For Year Ended

31 March 2025

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

78,634

plus Gains / (losses) on asset disposals

–

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

816

Total regulatory income

79,450

Expenses

less Operational expenditure

37,166

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

19,223

Operating surplus / (deficit)

23,061

less Total depreciation

14,252

plus Total revaluations

9,753

Regulatory profit / (loss) before tax

18,563

less Term credit spread differential allowance

–

less Regulatory tax allowance

2,171

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

16,391

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

(\$000)

Pass through costs

Electricity lines service charge payable to Transpower

Not Required before DY1

Transpower new investment contract charges

Not Required before DY1

System operator services

Not Required before DY1

Rates

145

Commerce Act levies

86

Industry levies

269

CPP or DPP specified pass-through costs

Recoverable costs excluding financial incentives and wash-ups

Independent engineer costs

Not Required before DY1

FENZ levies

Not Required before DY1

Electricity lines service charge payable to Transpower

18,724

Not Required after DY2

Transpower new investment contract charges

Not Required after DY2

System operator services

Not Required after DY2

Distributed generation allowance

Not Required after DY2

Extended reserves allowance

Other CPP recoverable costs excluding financial incentives and wash-ups

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

19,223

3(iv): Merger and Acquisition Expenditure

(\$000)

Merger and acquisition expenditure

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

Company Name	Northpower
For Year Ended	31 March 2025

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

4(i): Regulatory Asset Base Value (Rolled Forward)		RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
Total opening RAB value		279,361	298,438	328,448	353,169	386,466
less Total depreciation		10,574	11,454	12,204	13,043	14,252
plus Total revaluations		4,241	20,647	21,787	14,140	9,753
plus Assets commissioned		24,903	20,879	15,667	33,263	32,581
less Asset disposals		29	453	151	985	203
plus Lost and found assets adjustment		–	–	–	–	–
plus Adjustment resulting from asset allocation		536	392	(379)	(78)	199
Total closing RAB value		298,438	328,448	353,169	386,466	414,549

4(ii): Unallocated Regulatory Asset Base

		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value			389,289		386,466
less Total depreciation			14,376		14,252
plus Total revaluations			9,824		9,753
plus Assets commissioned (other than below)	Not Required after DY2025	3,712		3,712	
Assets commissioned out of WUC	Not Required before DY2026				
Assets acquired (other than below)	Not Required before DY2026				
Assets acquired from a regulated supplier					
Assets acquired from a related party		28,869		28,869	
Assets commissioned			32,581		32,581
less Asset disposals (other than below)		203		203	
Asset disposals to a regulated supplier					
Asset disposals to a related party					
Asset disposals			203		203
plus Lost and found assets adjustment					
plus Adjustment resulting from asset allocation					199
Total closing RAB value			417,116		414,549

* 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

53

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

56	CPI ₄	1,299
57	CPI ₄ ⁻⁴	1,267
58	Revaluation rate (%)	2.53%

		Unallocated RAB *	RAB	
		(\$000)	(\$000)	(\$000)
62	Total opening RAB value	389,289	386,466	
63	less Opening value of fully depreciated, disposed and lost assets	304	304	
65	Total opening RAB value subject to revaluation	388,985	386,162	
66	Total revaluations		9,824	9,753

4(iv): Roll Forward of Works Under Construction

		Unallocated works under construction	Allocated works under construction
70	Works under construction—preceding disclosure year	Not Required after DY2025	16,917
71	plus Capital expenditure	Not Required after DY2025	44,467
72	less Assets commissioned	Not Required after DY2025	32,581
73	plus Adjustment resulting from asset allocation	Not Required after DY2025	
74	Works under construction - current disclosure year	Not Required after DY2025	28,802

		Unallocated works under construction	Allocated works under construction
76	Works under construction—preceding disclosure year	Not Required before DY2026	
77	plus WUC capital expenditure	Not Required before DY2026	
78	WUC acquired from a regulated supplier	Not Required before DY2026	
79	WUC acquired from a related party	Not Required before DY2026	
80	WUC capital expenditure - other	Not Required before DY2026	
81	Total WUC capital expenditure	Not Required before DY2026	
82	less WUC capital contributions	Not Required before DY2026	
83	less WUC other revenue	Not Required before DY2026	
84	less Assets commissioned out of WUC	Not Required before DY2026	
85	plus Adjustment resulting from asset allocation	Not Required before DY2026	
86	Works under construction - current disclosure year	Not Required before DY2026	

88 Highest rate of capitalised finance applied

Company Name	Northpower
For Year Ended	31 March 2025

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

4(v): Regulatory Depreciation

Depreciation - standard
Depreciation - no standard life assets
Depreciation - modified life assets
Depreciation - alternative depreciation in accordance with CPP
Total depreciation

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
13,451		13,332	
925		920	
	14,376		14,252

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

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	8,646	10,846	54,317	154,348	54,949	61,047	11,754	6,540	24,019	386,466
less Total depreciation	401	345	1,817	5,197	2,134	2,118	519	801	920	14,252
plus Total revaluations	218	274	1,371	3,902	1,388	1,539	296	165	605	9,758
plus Assets commissioned	–	–	8,216	9,840	781	9,464	1,586	144	2,550	32,581
less Asset disposals	–	–	–	–	–	108	27	–	68	203
plus Lost and found assets adjustment	–	–	–	–	–	–	–	–	–	–
plus Adjustment resulting from asset allocation	1	–	–	183	15	–	–	–	–	199
plus Asset category transfers	–	–	–	–	–	–	–	–	–	–
Total closing RAB value	8,464	10,775	62,087	163,076	55,000	69,824	13,090	6,048	26,186	414,550
Asset Life										
Weighted average remaining asset life	34.2	36.5	38.7	42.7	30.8	34.6	27.5	16.7	25.7	(years)
Weighted average expected total asset life	55.3	57.5	49.3	59.8	47.8	45.0	37.4	24.0	31.5	(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 2.8.

sch ref

5a(i): Regulatory Tax Allowance		(\$000)	
	Regulatory profit / (loss) before tax		18,563
plus	Income not included in regulatory profit / (loss) before tax but taxable		*
	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	18	*
	Amortisation of initial differences in asset values	4,532	
	Amortisation of revaluations	3,587	
Total			8,137
less	Total revaluations	9,753	
	Income included in regulatory profit / (loss) before tax but not taxable		*
	Discretionary discounts and customer rebates		
	Notional deductible but not in regulatory profit / (loss) before tax		*
	Notional deductible interest	9,191	
Total			18,944
	Regulatory taxable income		7,755
less	Utilised tax losses		
	Regulatory net taxable income		7,755
	Corporate tax rate (%)	28%	
	Regulatory tax allowance		2,171

* 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	82,935	
less	Amortisation of initial differences in asset values	4,532	
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		78,403
	Opening weighted average remaining useful life of relevant assets (years)		18.3

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

sch ref

5a(iv): Amortisation of Revaluations

(\$000)

Opening sum of RAB values without revaluations	301,926	
Adjusted depreciation	10,665	
Total depreciation	14,252	
Amortisation of revaluations		3,587

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	(18,102)	
plus Tax effect of adjusted depreciation	2,986	
less Tax effect of tax depreciation	3,811	
plus Tax effect of other temporary differences*	(347)	
less Tax effect of amortisation of initial differences in asset values	1,269	
plus Deferred tax balance relating to assets acquired in the disclosure year		
less Deferred tax balance relating to assets disposed in the disclosure year	(32)	
plus Deferred tax cost allocation adjustment	(70)	
Closing deferred tax		(20,581)

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	160,067	
less Tax depreciation	13,612	
plus Regulatory tax asset value of assets commissioned	34,694	
less Regulatory tax asset value of asset disposals	87	
plus Lost and found assets adjustment		
plus Adjustment resulting from asset allocation	(52)	
plus Other adjustments to the RAB tax value		
Closing sum of regulatory tax asset values		181,010

Company Name

Northpower

For Year Ended

31 March 2025

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

Vegetation management

Routine and corrective maintenance and inspection

Asset replacement and renewal (opex)

Network opex

Business support

System operations and network support

Non-network solutions provided by a related party or third party

Operational expenditure

Consumer connection

System growth

Asset replacement and renewal (capex)

Asset relocations

Quality of supply

Legislative and regulatory

Other reliability, safety and environment

Expenditure on non-network assets**Expenditure on assets**

Cost of financing

Value of capital contributions

Value of vested assets

Capital Expenditure**Total expenditure**

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)
Northpower Contracting Division		Service interruptions and emergencies	3,013
Northpower Contracting Division		Vegetation management	2,785
Northpower Contracting Division		Routine and corrective maintenance and inspection	4,097
Northpower Contracting Division		Asset replacement and renewal (opex)	3,387
Northpower Contracting Division		System operations and network support	181
Northpower Fibre Limited		System operations and network support	149
Electricity Engineers' Association		Business support	39
Northpower Contracting Division		Asset relocations	(0)
Te Puna Mauri Ō Omaru Limited		Consumer connection	1,623
Northpower Contracting Division		Asset replacement and renewal (capex)	24,506
Northpower Contracting Division		Quality of supply	807
Northpower Contracting Division		Other reliability, safety and environment	705
Northpower Contracting Division		System growth	5,188
Northpower Contracting Division		Expenditure on non-network assets	1
Northpower Contracting Division		Legislative and regulatory	599
		[Select one]	
Total value of related party transactions			47,079

* include additional rows if needed

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

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

sch ref

7
8
9

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

10
11
12
13
14
15
16

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						-	-	-

17
18
19
20
21
22
23
24
25
26
27

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

Northpower

For Year Ended

31 March 2025

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(i): Operating Cost Allocations

		Value allocated (\$000s)			
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	OVABAA allocation increase (\$000s)
Service interruptions and emergencies					
	Directly attributable		3,383		
	Not directly attributable				
	Total attributable to regulated service		3,383		
Vegetation management					
	Directly attributable		3,106		
	Not directly attributable				
	Total attributable to regulated service		3,106		
Routine and corrective maintenance and inspection					
	Directly attributable		3,999		
	Not directly attributable				
	Total attributable to regulated service		3,999		
Asset replacement and renewal					
	Directly attributable		3,558		
	Not directly attributable				
	Total attributable to regulated service		3,558		
Non-network solutions provided by a related party or third party					
	Directly attributable				
	Not directly attributable				
	Total attributable to regulated service				
System operations and network support					
	Directly attributable		10,190		
	Not directly attributable				
	Total attributable to regulated service		10,190		
Business support					
	Directly attributable		6,913		
	Not directly attributable		6,016	16,125	22,141
	Total attributable to regulated service		12,929		
Operating costs directly attributable			31,150		
Operating costs not directly attributable		-	6,016	16,125	22,141
Operational expenditure			37,166		

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

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

sch ref

43

5d(ii): Other Cost Allocations

44

Pass through and recoverable costs

(\$000)

45

Pass through costs

46

Directly attributable

500

47

Not directly attributable

48

Total attributable to regulated service

500

49

Recoverable costs

50

Directly attributable

18,724

51

Not directly attributable

52

Total attributable to regulated service

18,724

53

54

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

55

(\$000)

CY-1

Current Year (CY)

56

Change in cost allocation 1

57

Cost category

Original allocation

58

Original allocator or line items

New allocation

59

New allocator or line items

Difference

-

-

60

61

Rationale for change

62

63

64

(\$000)

CY-1

Current Year (CY)

65

Change in cost allocation 2

66

Cost category

Original allocation

67

Original allocator or line items

New allocation

68

New allocator or line items

Difference

-

-

69

70

Rationale for change

71

72

73

(\$000)

CY-1

Current Year (CY)

74

Change in cost allocation 3

75

Cost category

Original allocation

76

Original allocator or line items

New allocation

77

New allocator or line items

Difference

-

-

78

79

Rationale for change

80

81

82

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

83

† include additional rows if needed

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

7 5e(i): Regulated Service Asset Values

8		Value allocated (\$000s)
9		Electricity distribution services
10	Subtransmission lines	
11	Directly attributable	8,175
12	Not directly attributable	289
13	Total attributable to regulated service	8,464
14	Subtransmission cables	
15	Directly attributable	10,775
16	Not directly attributable	–
17	Total attributable to regulated service	10,775
18	Zone substations	
19	Directly attributable	62,087
20	Not directly attributable	–
21	Total attributable to regulated service	62,087
22	Distribution and LV lines	
23	Directly attributable	156,155
24	Not directly attributable	6,921
25	Total attributable to regulated service	163,076
26	Distribution and LV cables	
27	Directly attributable	54,591
28	Not directly attributable	409
29	Total attributable to regulated service	55,000
30	Distribution substations and transformers	
31	Directly attributable	69,824
32	Not directly attributable	–
33	Total attributable to regulated service	69,824
34	Distribution switchgear	
35	Directly attributable	13,090
36	Not directly attributable	–
37	Total attributable to regulated service	13,090
38	Other network assets	
39	Directly attributable	5,162
40	Not directly attributable	886
41	Total attributable to regulated service	6,048
42	Non-network assets	
43	Directly attributable	22,477
44	Not directly attributable	3,708
45	Total attributable to regulated service	26,186
46		
47	Regulated service asset value directly attributable	402,337
48	Regulated service asset value not directly attributable	12,213
49	Total closing RAB value	414,549

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

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

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					
72	Asset category		Original allocation		
73	Original allocator or line items		New allocation		
74	New allocator or line items		Difference	–	–
75					
76	Rationale for change				
77					
78					
79	* a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or componen				
80	† include additional rows if needed				

Company Name

Northpower

For Year Ended

31 March 2025

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

7	6a(i): Expenditure on Assets	(\$000)	(\$000)
8	Consumer connection		7,166
9	System growth		11,774
10	Asset replacement and renewal		28,615
11	Asset relocations		(25)
12	Reliability, safety and environment:		
13	Quality of supply	3,300	
14	Legislative and regulatory	729	
15	Other reliability, safety and environment	818	
16	Total reliability, safety and environment		4,847
17	Expenditure on network assets		52,376
18	Expenditure on non-network assets		1,530
19			
20	Expenditure on assets		53,906
21	plus Cost of financing		1,141
22	less Value of capital contributions		10,581
23	plus Value of vested assets		—
24			
25	Capital expenditure		44,467
26	6a(ii): Subcomponents of Expenditure on Assets (where known)		(\$000)
27	Energy efficiency and demand side management, reduction of energy losses		
28	Overhead to underground conversion		
29	Research and development		
31	6a(iii): Consumer Connection		
32	Consumer types defined by EDB*	(\$000)	(\$000)
33	All customer types	7,166	
34			
35			
36			
37			
38	* include additional rows if needed		
39	Consumer connection expenditure		7,166
40			
41	less Capital contributions funding consumer connection expenditure	10,581	
42	Consumer connection less capital contributions		(3,416)
43	6a(iv): System Growth and Asset Replacement and Renewal		
44			
45		Asset Replacement and Renewal	
46	Subtransmission	System Growth (\$000)	(\$000)
47	Zone substations	1,424	3,348
48	Distribution and LV lines	7,778	6,360
49	Distribution and LV cables	1,309	12,383
50	Distribution substations and transformers	—	1,866
51	Distribution switchgear	1,264	2,343
52	Other network assets	—	2,253
53	System growth and asset replacement and renewal expenditure	—	62
54	less Capital contributions funding system growth and asset replacement and renewal	11,774	28,615
55	System growth and asset replacement and renewal less capital contributions		
56		11,774	28,615
57	6a(v): Asset Relocations		
58	Project or programme*	(\$000)	(\$000)
59	Minor expenditure - relocations	(25)	
60			
61			
62			
63			
64	* include additional rows if needed		
65	All other projects or programmes - asset relocations		
66	Asset relocations expenditure		(25)
67	less Capital contributions funding asset relocations		
68	Asset relocations less capital contributions		(25)

Company Name

Northpower

For Year Ended

31 March 2025

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*

(\$000)

(\$000)

SCADA and communications improvements

21

Kensington 110kV Bus re-configuration

1,133

Low Voltage Visibility

50

11kV Feeder Mid- & Tie- Point

1,847

FPI Trials

80

Switches

170

* include additional rows if needed

All other projects programmes - quality of supply

Quality of supply expenditure

3,300

less Capital contributions funding quality of supply

Quality of supply less capital contributions

3,300

6a(vii): Legislative and Regulatory

Project or programme*

(\$000)

(\$000)

4 Block AUFLS

729

* include additional rows if needed

All other projects or programmes - legislative and regulatory

Legislative and regulatory expenditure

729

less Capital contributions funding legislative and regulatory

Legislative and regulatory less capital contributions

729

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

Project or programme*

(\$000)

(\$000)

Zone substation security improvements

64

Ruawai Transformer

(3)

Ground Mounting of Pole Distribution Transformers

415

Mareretu to Ruawai Clearance

266

Phase ID Tool

76

* include additional rows if needed

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

Other reliability, safety and environment expenditure

818

less Capital contributions funding other reliability, safety and environment

Other reliability, safety and environment less capital contributions

818

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

Project or programme*

(\$000)

(\$000)

Hiko / Mahi integration

69

Minor capital expenditure

9

Lease Vehicles

69

* include additional rows if needed

All other projects or programmes - routine expenditure

Routine expenditure

147

Atypical expenditure

Project or programme*

(\$000)

(\$000)

ADMS CRM Outages - Call taking and Dispatch Integration

94

ADMS Data insights - Outage Reporting

44

ADMS Outages – Poweron Outage Management System

97

ESRI Geospatial Tool Sets

4

Faults Management System and Integration

97

G Tech Upgrade

(5)

ADMC ICCP NP

145

ADMS Advanced - Poweron Advanced Applications

634

Company Name

Northpower

For Year Ended

31 March 2025

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

123	ADMS Improvements	49	
124	AMS WASP Replacement and CBRM	119	
120	Customer Decommission and Disconnection	28	
121	Customer Transaction Portal	50	
122	SINCAL Updater Tool	29	
123			
124			
125	* include additional rows if needed		
126	All other projects or programmes - atypical expenditure		
127	Atypical expenditure		1,384
128			
129	Expenditure on non-network assets		1,530

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

7	6b(i): Operational Expenditure	Required for DY2025 only		(\$000)	(\$000)
8	Service interruptions and emergencies			3,383	
9	Vegetation management			3,106	
10	Routine and corrective maintenance and inspection			3,999	
11	Asset replacement and renewal			3,558	
12	Network opex				14,047
13	Non-network solutions provided by a related party or third party	Required for DY2025 only		-	
14	System operations and network support			10,190	
15	Business support			12,929	
16	Non-network opex				23,119
17					
18	Operational expenditure				37,166
19	6b(i): Operational Expenditure	Not Required before DY2026		(\$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				
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				
45	* Direct billing expenditure by suppliers that directly bill the majority of their consumers				

Company Name
For Year Ended

Northpower
31 March 2025

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
80,300	78,634	(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
3,154	7,166	127%
13,847	11,774	(15%)
28,196	28,615	1%
195	(25)	(113%)
2,315	3,300	43%
952	729	(23%)
1,419	818	(42%)
4,686	4,847	3%
50,078	52,376	5%
3,464	1,530	(56%)
53,542	53,906	1%

7(iii): Operational Expenditure

Service interruptions and emergencies

Vegetation management

Routine and corrective maintenance and inspection

Asset replacement and renewal

Network opex

Non-network solutions provided by a related party or third party

System operations and network support

Business support

Non-network opex

Operational expenditure

3,099	3,383	9%
3,161	3,106	(2%)
4,926	3,999	(19%)
3,704	3,558	(4%)
14,890	14,047	(6%)
–	–	–
6,224	10,190	64%
17,692	12,929	(27%)
23,916	23,119	(3%)
38,806	37,166	(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

–	–	–
–	–	–
–	–	–
–	–	–

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

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

Company Name

Northpower

For Year Ended

31 March 2025

Network / Sub-network Name

SCHEDULE 9a: ASSET REGISTER

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

sch ref

9a: Asset Register

						Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	Voltage	Asset category	Asset class	Units					
9	All	Overhead Line	Concrete poles / steel structure	No.		53,896	53,967	71	2
10	All	Overhead Line	Wood poles	No.		1,111	1,102	(9)	2
11	All	Overhead Line	Other pole types	No.		–	–	–	4
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km		295	295	0	3
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km		28	28	(0)	3
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km		14	14	(0)	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km		8	8	–	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km		–	–	–	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km		3	3	(0)	4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km		0	0	–	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km		–	–	–	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km		–	–	–	4
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km		–	–	–	4
22	HV	Subtransmission Cable	Subtransmission submarine cable	km		1	1	–	4
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.		22	22	–	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.		1	1	–	4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.		–	–	–	4
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.		19	19	–	2
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.		41	42	1	2
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.		175	173	(2)	2
29	HV	Zone substation switchgear	33kV RMU	No.		4	4	–	4
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.		39	49	10	4
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.		58	57	(1)	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.		158	174	16	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.		–	–	–	4
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.		43	42	(1)	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km		3,507	3,508	0	2
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km		–	–	–	4
37	HV	Distribution Line	SWER conductor	km		–	–	–	4
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km		275	285	10	3
39	HV	Distribution Cable	Distribution UG PILC	km		39	39	(0)	2
40	HV	Distribution Cable	Distribution Submarine Cable	km		2	2	0	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.		35	35	–	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.		–	–	–	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.		8,660	8,679	19	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.		17	13	(4)	2
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.		237	242	5	4
46	HV	Distribution Transformer	Pole Mounted Transformer	No.		6,089	6,110	21	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.		1,581	1,606	25	3
48	HV	Distribution Transformer	Voltage regulators	No.		12	15	3	4
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.		117	112	(5)	4
50	LV	LV Line	LV OH Conductor	km		1,183	1,179	(4)	2
51	LV	LV Cable	LV UG Cable	km		864	885	21	2
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km		422	426	4	2
53	LV	Connections	OH/UG consumer service connections	No.		64,073	64,845	772	2
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.		396	387	(9)	2
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot		1	1	–	4
56	All	Capacitor Banks	Capacitors including controls	No		23	21	(2)	4
57	All	Load Control	Centralised plant	Lot		6	6	–	4
58	All	Load Control	Relays	No		40,540	40,542	2	2
59	All	Civils	Cable Tunnels	km		–	–	–	N/A

Company Name	Northpower
For Year Ended	31 March 2025
Network / Sub-network Name	

SCHEDULE 9b: ASSET AGE PROFILE

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

9b: Asset Age Profile			Number of assets at disclosure year end by installation date																																								No. with age unknown	Items at end of year (quantity)	No. with default dates	Data accuracy (1-4)
Disclosure Year (year ended)			Units	pre-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025										
All	Overhead Line	Concrete poles / steel structure	No.	139	147	1,499	7,799	12,898	9,406	7,725	625	496	685	692	827	792	654	568	610	713	714	660	699	590	599	578	519	386	321	351	376	375	405	480	511	128	-	53,967	4,405	2						
All	Overhead Line	Wood poles	No.	1	-	10	50	120	428	258	17	20	23	34	51	32	22	5	8	2	3	4	-	3	2	2	2	-	2	2	-	1	-	-	-	-	-	1,102	217	2						
All	Overhead Line	Other pole types	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4						
HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	-	-	70	104	27	37	46	4	0	0	1	1	0	0	0	0	0	0	-	1	0	-	-	-	-	-	1	2	-	0	0	0	0	-	295	1	3						
HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	28	-	3							
HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	-	-	-	-	-	1	0	1	3	0	0	-	0	0	0	-	3	0	-	0	-	-	0	-	-	-	0	0	1	1	1	2	-	-	14	0	3						
HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	5	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	4						
HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4						
HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	4						
HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	0	-	4						
HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4						
HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4						
HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4						
HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4						
HV	Zone substation Buildings	Zone substations up to 66kV	No.	1	-	2	7	1	4	2	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	22	-	4							
HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4							
HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4						
HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	1	2	6	2	-	-	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	2	2							
HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	6	1	-	23	-	-	-	-	-	-	-	-	-	-	6	2	-	-	-	42	23	2						
HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	13	66	10	11	2	2	-	4	5	1	24	3	1	8	4	-	1	1	2	-	-	-	5	-	4	-	-	-	3	3	-	-	173	5	2						
HV	Zone substation switchgear	33kV RMU	No.	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4							
HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	-	-	18	1	-	1	1	-	-	-	1	-	3	2	-	-	-	1	1	-	-	-	-	5	3	2	8	2	-	-	-	49	-	4						
HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	-	-	-	-	-	5	22	6	-	-	-	5	1	2	1	-	2	-	-	2	-	-	5	1	4	-	-	-	1	-	-	-	-	-	57	-	4						
HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	-	-	5	6	20	1	-	5	-	4	-	-	9	32	-	17	12	-	-	1	-	-	-	-	-	17	11	14	13	7	-	-	-	174	-	4						
HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4							
HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	-	1	9	7	4	-	-	1	2	1	-	2	-	-	-	2	-	-	-	-	2	-	-	1	2	2	2	2	2	-	-	-	-	42	-	4						
HV	Distribution Line	Distribution OH Open Wire Conductor	km	9	18	82	537	669	656	576	50	56	48	31	66	32	21	21	19	18	23	39	67	78	26	42	34	36	38	61	35	31	23	24	30	9	-	3,508	43	2						
HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4							
HV	Distribution Line	SWER conductor	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4							
HV	Distribution Cable	Distribution UG XLPE or PVC	km	-	-	-	1	0	8	29	7	7	12	9	15	23	27	20	8	12	5	3	4	8	5	6	7	6	7	10	9	11	9	5	11	1	-	285	3	3						
HV	Distribution Cable	Distribution UG PILC	km	-	-	-	5	9	14	5	3	1	0	0	0	0	0	-	0	-	0	0	0	-	-	-	-	-	-	-	-	0	-	0	-	-	39	3	2							
HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	4							
HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	-	-	-	-	-	-	-	1	1	-	-	1	7	-	1	2	2	1	1	1	1	1	2	-	-	1	1	2	1	2	6	-	-	35	-	4							
HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4							
HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	4	5	7	115	183	419	895	124	110	135	142	180	194	191	190	319	482	306	470	369	383	351	389	287	302	255	274	244	285	337	308	354	70	-	8,679	-	2						
HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	1	2	3	-	-	-	13	1	2							
HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	-	-	-	-	2	4	8	1	3	2	1	2	26	22	4	6	17	4	5	4	6	7	8	8	9	8	13	10	16	20	9	17	-	-	242	-	4						
HV	Distribution Transformer	Pole Mounted Transformer	No.	54	100	91	446	367	362	1,037	159	125	147	124	167	154	150	192	118	137	47	135	90	139	224	148	114	166	152	205	174	145	211	173	50	7	-	6,110	14	3						
HV	Distribution Transformer	Ground Mounted Transformer	No.	3	3	12	127	145	143	133	34	33	41	27	55	80	86	65	23	37	48	6	1	13	34	45	36	42	34	44	40	82	68	52	14	-	-	1,606	1	3						
HV	Distribution Transformer	Voltage regulators	No.	-	-	-	-	2	-	2	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-	2	-	-	3	-	-	-	-	15	-	4						
HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	10	20	21	30	4	1	7	1	1	-	-	1	3	2	1	1	2	-	-	-	-	2	1	-	-	-	1	1	2	-	-	112	-	4						
LV	LV Line	LV OH Conductor	km	1	1	20	147	167	479	173	11	9	11	22	19	14	6	5	6	5	5	3	3	3	4	3	3	3	4	5	8	4	5	5	5	1	-	1,179	252	2						
LV	LV Cable	LV UG Cable	km	0	-	0	24	52	77	86	19	20	28	35	48	53	49	47	25	28	16	7	6	17	8	15	23	26	29	25	21	21	30	24	23	2	-	885	23	2						
LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-	-	2	47	146	40	52	2	4	3	4	8	10	12	11	5	12	1	3	1	3	6	4	3	6	7	4	5	5	9	5	4	1	-	426	97	2						
LV	Connections	OH/UG consumer service connections	No.	1	15	64	1,681	4,086	19,936	15,129	1,885	815	891	1,100	1,123	1,166	1,109	1,053	846	766	742	591	630	646	629	852	1,085	1,113	1,057	944	913	1,115	1,072	700	980	110	-	64,845	13,178	2						
All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	-	-	-	-	6	14	21	6	5	3	-	5	12	9	24	74	9	42	2	8	2	4	-	16	4	12	1	21	45	3	17	22	-	-	387	-	2						
All	SCADA and communications	SCADA and communications equipment operating as a single syst	Lot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	4							
All	Capacitor Banks	Capacitors including controls	No	-	-	-	-	-	-	5	-	-	-	-	-	2	-	-	1	3	5	-	2	-	-	-	1	-	-																	

Company Name	Northpower
For Year Ended	31 March 2025
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

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9c: Overhead Lines and Underground Cables

	Overhead (km)	Underground (km)	Total circuit length (km)
Circuit length by operating voltage (at year end)			
> 66kV	28	0	28
50kV & 66kV	75		75
33kV	220	26	246
SWER (all SWER voltages)			—
22kV (other than SWER)			—
6.6kV to 11kV (inclusive—other than SWER)	3,508	324	3,831
Low voltage (< 1kV)	1,179	885	2,064
Total circuit length (for supply)	5,010	1,234	6,244
Dedicated street lighting circuit length (km)	174	252	426
Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			122
Overhead circuit length by terrain (at year end)		(% of total overhead length)	
Urban	610	12%	
Rural	4,400	88%	
Remote only		—	
Rugged only		—	
Remote and rugged		—	
Unallocated overhead lines		—	
Total overhead length	5,010	100%	
Length of circuit within 10km of coastline or geothermal areas (where known)	3,409	(% of total circuit length) 55%	
Overhead circuit requiring vegetation management	5,010	(% of total overhead length) 100%	Not required after DY2025
Number of overhead circuit sites at high risk from vegetation damage	Total newly identified throughout the disclosure year	Total remaining at high risk at the disclosure year-end	Not required before DY2026
Breakdown of overhead circuit sites at high risk from vegetation damage at disclosure year-end			
Category of overhead circuit site	Number of overhead circuit sites at high risk from vegetation damage at disclosure year-end	Number of overhead circuit sites involving critical assets at disclosure year-end	
[Single tree]			Not required before DY2026
[Single tree - Urban]			Not required before DY2026
[Single tree - Rural]			Not required before DY2026
[Row of trees]			Not required before DY2026
[Span between two poles (X metres)]			Not required before DY2026
[Other]			Not required before DY2026
Total number of sites	—	—	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			
10			
11			
12			
13			
14			
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19			
20			
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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

Northpower

For Year Ended

31 March 2025

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*

Mass Market New ICPs
Large Commercial and Industrial New ICPs
Very Large Industrial New ICPs

* include additional rows if needed

Connections total

Number of
connections (ICPs)

732
3
2

737

Number of ICPs decommissioned during year by consumer type

Consumer types defined by EDB*

Mass Market New ICPs
Large Commercial and Industrial New ICPs
Very Large Industrial New ICPs

* include additional rows if needed

Decommissionings total

Number of
decommissionings

218
6
–

224

Distributed generation

Number of connections made in year

Capacity of distributed generation installed in year

501
19.83

connections
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)

148
3
151
151

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)

790
0
36
825
779
46

5.6%

Load factor

0.62

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

Distribution transformer capacity (Non-EDB owned)

Total distribution transformer capacity

(MVA)

617
9
626

Zone substation transformer capacity (EDB owned)

Zone substation transformer capacity (Non-EDB owned)

Total zone substation transformer capacity

(MVA)

365
14
379

Company Name	Northpower
For Year Ended	31 March 2025
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

8	10(i): Interruptions		
9	Interruptions by class	Number of interruptions	
10	Class A (planned interruptions by Transpower)	–	
11	Class B (planned interruptions on the network)	514	
12	Class C (unplanned interruptions on the network)	379	
13	Class D (unplanned interruptions by Transpower)	2	
14	Class E (unplanned interruptions of EDB owned generation)	–	
15	Class F (unplanned interruptions of generation owned by others)	–	
16	Class G (unplanned interruptions caused by another disclosing entity)	–	
17	Class H (planned interruptions caused by another disclosing entity)	–	
18	Class I (interruptions caused by parties not included above)	1	
19	Total	896	
20			
21	Interruption restoration	≤3Hrs>3hrs	
22	Class C interruptions restored within	240	139
23			
24	SAIFI and SAIDI by class	SAIFI SAIDI	
25	Class A (planned interruptions by Transpower)	–	–
26	Class B (planned interruptions on the network)	0.6844	197.7080
27	Class C (unplanned interruptions on the network)	2.8247	163.3188
28	Class D (unplanned interruptions by Transpower)	1.0046	284.0698
29	Class E (unplanned interruptions of EDB owned generation)	–	–
30	Class F (unplanned interruptions of generation owned by others)	–	–
31	Class G (unplanned interruptions caused by another disclosing entity)	–	–
32	Class H (planned interruptions caused by another disclosing entity)	–	–
33	Class I (interruptions caused by parties not included above)	0.0002	0.0555
34	Total	4.51	645.2
35			
36	Transitional SAIFI and SAIDI (previous method)	SAIFI SAIDI	
37	Class B (planned interruptions on the network)	0.6805	197.6980
38	Class C (unplanned interruptions on the network)	2.5243	159.5934
39			
40	Where EDBs do not currently record their SAIFI and SAIDI values using the ‘multi-count’ approach, they shall continue to record their SAIFI and SAIDI values on the same basis that they employed as at 31 March 2023 as ‘Transitional SAIFI’ and ‘Transitional SAIDI’ values, in addition to their SAIFI and SAIDI values (Classes B & C) using the ‘multi-count approach’. This is a transitional reporting requirement that shall be in place for the 2024, 2025, and 2026 disclosure years.		

Company Name	Northpower
For Year Ended	31 March 2025
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	SAIFI	SAIDI	
Lightning	0.2853	13.7240	
Vegetation	0.3596	21.7475	
Adverse weather	0.1733	33.8501	
Adverse environment	0.0182	0.9424	
Third party interference	0.3626	23.4005	
Wildlife	0.1157	5.5569	
Human error	0.0082	1.0021	
Defective equipment	0.6427	47.7895	
Other cause	0.0040	0.3362	
Unknown	0.8551	14.9695	
Breakdown of third party interference	SAIFI	SAIDI	
Dig-in	0.0169	0.5017	
Overhead contact	0.0912	4.4575	
Vandalism	–	–	
Vehicle damage	0.2505	18.4278	
Other	0.0040	0.0135	
Breakdown of vegetation interruptions (vegetation cause)	SAIFI	SAIDI	
In-zone	0.0353	1.3742	Not required before DY2026
Out-of-zone	0.3243	20.3733	Not required before DY2026

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.1157	50.9306
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.4718	118.0947
Distribution cables (excluding LV)	0.0969	28.6827
Distribution other (excluding LV)	–	–

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.2427	33.8435
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	2.4577	123.0542
Distribution cables (excluding LV)	0.1243	6.4211
Distribution other (excluding LV)	–	–

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	4	323	1.24
Subtransmission cables	–	26	–
Subtransmission other	–	–	–
Distribution lines (excluding LV)	348	3,508	9.92
Distribution cables (excluding LV)	27	324	8.33
Distribution other (excluding LV)	–	–	–
Total	379		

Company Name	Northpower
For Year Ended	31 March 2025
Network / Sub-network Name	Northpower

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(vi): Worst-performing feeders (unplanned)

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	Ruakaka CB7	8.0926	8	Defective Equipment	104.24	1135	
2	Mareretu CB2	7.7207	18	Defective Equipment	113.41	664	
3	Dargaville CB6	7.6400	13	Vegetation	133.13	1008	
4	Bream Bay CB1107	6.4354	5	Third Party Interference	21.74	1650	
5	Dargaville CB2	6.2430	18	Vegetation	92.36	946	
6	Mangawhai North CB3	5.5954	3	Adverse Weather	36.74	796	
7	Mareretu CB6	4.5557	6	Vegetation	43.48	598	
8	Ruawai CB1032	4.4953	18	Lightning	136.65	645	

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	Dargaville CB2	0.1933	18	Unknown	92.36	946	
2	Ruakaka CB2	0.1251	10	Vegetation	59.48	987	
3	Bream Bay CB1107	0.1173	5	Third Party Interference	21.74	1650	
4	Maungaturoto CB2	0.1082	17	Defective Equipment	65.50	776	
5	Ruakaka CB7	0.0941	8	Defective Equipment	104.24	1135	
6	Poroti CB1032	0.0845	15	Unknown	177.59	770	
7	Mareretu CB2	0.0830	18	Defective Equipment	113.41	664	
8	Hikurangi CB1102	0.0803	9	Defective Equipment	85.53	477	

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	Alexander St CB1	7336.38	2	Defective Equipment	0.10	13	
2	Mareretu CB2	746.97	18	Defective Equipment	113.41	664	
3	Kaiwaka CB1022	631.40	7	Wildlife	30.70	217	
4	Ruawai CB1022	495.18	16	Defective Equipment	76.46	336	
5	Mareretu CB6	490.92	6	Vegetation	43.48	598	
6	Dargaville CB6	486.75	13	Vegetation	133.13	1008	
7	Ruakaka CB7	459.28	8	Defective Equipment	104.24	1135	
8	Mangawhai North CB3	453.28	3	Adverse Weather	36.74	796	

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

**EDB Information Disclosure Requirements
Information Templates
Schedule 10a**

Company Name

Northpower

Disclosure Date

23 June 2025

Disclosure Year (year ended)

31 March 2025

Template for Schedule 10a

Prepared 16 February 2024.

Table of Contents

Schedule	Schedule name
10a	REPORT ON INTERRUPTIONS

Disclosure Template Instructions

This document forms Schedule 10a 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 2.5.1 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.

Inserting Additional Rows and Columns

The schedule 10a template may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.

Additional rows in the schedule 10a template 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.

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.

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach. Where multiple feeders are affected, the interruption record is to be split into multiple interruptions, ie, one interruption record per feeder. 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.

Company Name	Northpower
For Year Ended	31 March 2025

sch ref

10a(i): Raw interruption data

Planned or unplanned interruption											Any explanation to help clarify the context of the interruption, including what the cause is if recorded as 'Other cause'			
Interruption identifier	Circuit location	Sub-network (where applicable)	Feeder(s) affected by interruption	Start date (dd/mm/yyyy)	Start time (hh:mm:ss)	End date (dd/mm/yyyy)	End time (hh:mm:ss)	SAIDI value	SAIFI value	Number of ICPs interrupted	ICP interruption minutes	(Class B or C)	Cause	
F-5419-A	Mata		Ruakaka CB3	2/04/2024	08:44:00	2/04/2024	11:36:37	0.12447	0.00162	104	7979	Unplanned	Defective Equipment	FP 380845Shutdown to replace HV fuses Tx X221 (faulty)
O-406-C	Puweri		Maungatapere CB7	2/04/2024	09:07:00	2/04/2024	14:36:00	0.31821	0.00097	62	20398	Planned	Planned Interruption	Replace poles and crossarms
O-640-C	Kensington		Alexander St CB8	2/04/2024	09:12:00	2/04/2024	14:40:00	0.62937	0.00192	123	40344	Planned	Planned Interruption	123 ICP's advertised, OMS logged 89 (replaced Tx WC131 with Tx WC468 with OIC)
O-541-C	Swamp North		Hikurangi CB1042	3/04/2024	09:05:00	3/04/2024	13:40:00	0.20163	0.00073	47	12925	Planned	Planned Interruption	Replace cross arms and HV fuses at Dsups KB337, KB306 and HV links 6750
F-5434-A	Kaiaatea		Ngunguru CB1072	3/04/2024	19:22:58	3/04/2024	19:24:08	0.01240	0.01062	681	795	Unplanned	Unknown	Tripped O/C - Unknown cause - F5 - Sw 720 FPI activated
F-5437-A	Coast		Dargaville CB6	4/04/2024	08:06:21	4/04/2024	08:21:30	0.24626	0.01626	1042	15786	Unplanned	Unknown	A & C Phase OC trip. F4. Closed & held after 15 min
O-736-C	Coast		Dargaville CB6	4/04/2024	09:45:00	4/04/2024	17:04:00	0.29679	0.00078	50	19025	Planned	Planned Interruption	X arm replacements
F-5455-A	Kensington		Alexander St CB8	5/04/2024	00:05:00	5/04/2024	00:21:12	0.18652	0.01151	738	11956	Unplanned	Unknown	Trip EF - Unknown
O-760-C	Wharekohe		Poroti CB1062	4/5/2024	09:34:00	4/5/2024	11:45:00	0.15123	0.00115	74	9694	Planned	Planned Interruption	Remove Knife links B150K/Remove OLD LS Tx W133, DOF's and pole 54601
F-5458-A	Taihupa		Mareretu CB1	5/04/2024	11:39:00	5/04/2024	12:55:00	0.10789	0.00142	91	6916	Unplanned	Defective Equipment	FP 380965Cracked porcelain on DDO
F-5470-A	Matapouri		Ngunguru CB1032	5/04/2024	23:48:00	6/04/2024	01:52:00	0.02956	0.00045	29	1895	Unplanned	Vegetation	FP 381053 - Gum Tree fell from slope into 11kV jumpers/ bushings/ HV Fuses
F-5473-A	Access Rd		Ruawai CB1022	6/04/2024	07:20:30	6/04/2024	07:41:38	0.07866	0.00524	336	5042	Unplanned	Unknown	CB 1022 RWI Trip Overcurrent B & C. Reclosed & BTN.
F-5476-A	Taihupa		Mareretu CB1	6/04/2024	09:42:58	6/04/2024	11:28:10	0.39060	0.00371	238	25038	Unplanned	Wildlife	Leech Road. Magpie found on pole top. Cause overcurrent trip. Removed & BTN.
O-649-C	Puweri		Maungatapere CB7	8/04/2024	09:04:00	8/04/2024	13:43:00	0.09140	0.00033	21	5859	Planned	Planned Interruption	Pole and Xarm replacements
F-5515-A	Jordan Valley		Hikurangi CB1102	9/04/2024	03:35:55	9/04/2024	03:37:14	0.01129	0.00858	550	724	Unplanned	Unknown	CB 1102 HIK Trip & Close
O-616-C	Access Rd		Ruawai CB1022	9/04/2024	09:03:00	9/04/2024	15:25:00	0.43503	0.00114	73	27886	Planned	Planned Interruption	X arm replacements
O-12991-A	Waipu		Ruakaka CB2	9/04/2024	09:07:00	9/04/2024	14:38:00	0.91913	0.00278	178	58918	Planned	Planned Interruption	Xarm and pole replacements
O-622-C	Jordan Valley		Hikurangi CB1102	4/9/2024	09:36:00	4/9/2024	15:03:00	0.16324	0.00050	32	10464	Planned	Planned Interruption	Xarm & pole replacements
O-397-C	Whakapara		Hikurangi CB1112	4/10/2024	09:05:05	4/10/2024	14:19:49	0.54009	0.00172	110	34621	Planned	Planned Interruption	pole and x Arm replacements
F-5530-A	Ararua		Mareretu CB2	4/10/2024	14:07:00	4/10/2024	14:24:00	0.00133	0.00008	5	85	Unplanned	Defective Equipment	FP381151 Check & clean contacts on HV fuses
F-5533-A	Mangawhai Heads		Mangawhai North CB1	4/10/2024	20:32:12	4/10/2024	21:21:01	1.05321	0.02157	1383	67513	Unplanned	Unknown	381171 - Tripped O/C A&B phase, F3 so patrolled and livened - Unknown cause
O-13036-A	Swamp North		Hikurangi CB1042	4/11/2024	08:47:00	4/11/2024	13:31:00	0.23924	0.00084	54	15336	Planned	Planned Interruption	Install New Tx KB 167 (CST live edit required)
O-3541-B	Austin Road		Maunu CB1072	4/11/2024	09:01:00	4/11/2024	16:27:00	0.41050	0.00092	59	26314	Planned	Planned Interruption	Cut into existing 3core 15mm XLPE operation past Ashbury Height Subdivision between switch 7748 and 7749
O-748-C	Tangihia		Ruawai CB1032	4/11/2024	09:13:00	4/11/2024	15:37:00	0.04193	0.00011	7	2688	Planned	Planned Interruption	Install new Transformer K474 & Remove transformer K320
F-5536-A	Coast		Dargaville CB6	4/11/2024	12:02:34	4/11/2024	19:30:46	0.34959	0.02379	1525	224100	Unplanned	Vegetation	FP381218 Tree felled across lines - Sw 2120. Only 1 faultman available for several days
F-5539-A	North Dargaville		Dargaville CB1	4/11/2024	12:14:50	4/11/2024	15:37:00	0.39545	0.00401	257	25349	Unplanned	Vegetation	381221 - Branch on line @ pole 24761
F-5542-A	Tangowahine		Dargaville CB8	4/11/2024	12:31:57	4/11/2024	18:57:00	0.64806	0.00195	125	41542	Unplanned	Unknown	381230 - OC Trip BC Shortage of fault staff for initial restoration. Recd 1504 found fault
F-5548-A	Montgomery Ave		Onerahi CB8	4/11/2024	13:06:11	4/11/2024	15:20:00	0.77342	0.01619	1038	49578	Unplanned	Adverse Weather	FP381231Sw 938 indicated fault ABC phase. Remotely liven to Sw 938. Patrol and liven
F-5545-A	North Dargaville		Dargaville CB1	4/11/2024	13:07:44	4/11/2024	15:47:51	0.33472	0.02009	134	21456	Unplanned	Defective Equipment	FP381229Report of LV lines down on fence. De-energised 11kV remotely liven staff could attend to isolate
F-5572-A	Bickersstaff		Maungaturoto CB2	4/11/2024	13:54:12	4/11/2024	23:34:00	0.19216	0.01209	775	12318	Unplanned	Defective Equipment	Tripped OC A & B Phase (F4) on F-5557-A fault found later on F-5572-A (381259) -
F-5560-A	North Kaiwaka		Kaiwaka CB1022	4/11/2024	15:22:42	4/12/2024	06:28:00	0.59945	0.01675	704	38426	Unplanned	Vegetation	381251 - Tripped twice on E/F - Patrolled and found stick on line, all clear
F-5563-A	Tuririri		Dargaville CB9	4/11/2024	15:54:30	4/11/2024	23:36:00	0.52611	0.02747	1761	33725	Unplanned	Vegetation	381249 - Trees in lines between pole 21511 & 21512
F-5566-A	Town Dargaville		Dargaville CB3	4/11/2024	19:59:00	4/12/2024	01:58:00	0.32378	0.00114	73	20755	Unplanned	Defective Equipment	DA11 & DA48 - hv back feed & DA 48 shut down to remove gen@ 2250hrs Kere has tied LV to all ICP's of
O-643-C	Puweri		Maungatapere CB7	4/12/2024	10:04:00	4/12/2024	12:51:00	0.03647	0.00002	14	2338	Planned	Planned Interruption	X arm replacements
F-5599-A	Pitaua		Parua Bay CB1	4/12/2024	19:21:00	4/12/2024	23:39:00	0.00527	0.00006	4	338	Unplanned	Defective Equipment	FP 381304-Replace HV Fuses carriers Tx OQ042 (1 broken). 2nd shut to replace 130
F-5605-A	Kaiwaka South		Kaiwaka CB1072	4/13/2024	12:01:26	4/13/2024	17:21:00	0.26572	0.00229	147	17033	Unplanned	Vegetation	381315Tree across the line between poles 33809 - 33810
O-3547-B	Montgomery Ave		Onerahi CB8	4/15/2024	09:05:00	4/15/2024	15:12:00	0.81066	0.00240	154	51965	Planned	Planned Interruption	Replace pole and OH Tx OP248 with Ground mount Tx OP256
O-775-C	Puweri		Maungatapere CB7	4/15/2024	09:49:00	4/15/2024	12:28:00	0.22324	0.00140	90	14310	Planned	Planned Interruption	Clear trees around lines from pole 46407 to pole 46411
F-5620-A	Pitaua		Parua Bay CB1	4/15/2024	15:46:44	4/15/2024	16:42:36	0.11710	0.00307	197	11006	Unplanned	Defective Equipment	381375. Replace faulty DDO's
F-5623-A	ToeToe Rd		Kioreroa CB7	4/15/2024	16:37:52	4/15/2024	17:28:27	0.06864	0.00136	87	4400	Unplanned	Defective Equipment	381346. Replace DDO's Tx X279
O-3004-B	Whataitiri		Maungatapere CB8	4/16/2024	08:59:00	4/16/2024	14:31:00	0.68884	0.00207	133	44156	Planned	Planned Interruption	Replace Cross arms and refurbish Dsups
O-178-C	Coast		Dargaville CB6	4/17/2024	09:03:00	4/17/2024	16:05:00	1.99835	0.00474	304	128098	Planned	Planned Interruption	Remove switches 2158 & 2159. Install Switches 10162 & 10163. Outages on DAR C
O-811-C	Swamp North		Hikurangi CB1042	4/17/2024	09:07:00	4/17/2024	14:53:00	0.54516	0.00158	101	34946	Planned	Planned Interruption	x Arm replacements, straighten poles, replace Tx
O-12799-A	Whataitiri		Maungatapere CB8	4/18/2024	08:34:59	4/18/2024	13:17:00	0.58513	0.00207	133	37508	Planned	Planned Interruption	Replace Cross arms, HV transformer fuses at Dsups W420 W343 - connections
O-652-C	King Road		Mangawhai North CB2	4/18/2024	10:25:00	4/18/2024	13:59:00	0.04340	0.00020	13	2782	Planned	Planned Interruption	Network Maintenance - straighten pole 32475 and re-do connections at pole 3247
F-5689-A	North River		Ruakaka CB7	4/19/2024	07:59:48	4/19/2024	12:56:00	0.70914	0.00420	269	45457	Unplanned	Defective Equipment	FP 381499 - Lines down between 44012 & 44016. Eye bolt ripped out of Crossarm
O-631-C	Puweri		Maungatapere CB7	4/19/2024	09:00:36	4/19/2024	13:22:42	0.07769	0.00030	19	4980	Planned	Planned Interruption	Replace pole 46034 and cross arms at numerous sites and connections at Dsups 01
O-661-C	One Tree Point		Ruakaka CB6	4/19/2024	09:06:00	4/19/2024	13:12:00	0.78671	0.00320	205	50430	Planned	Planned Interruption	Replace cross arms and connections and replace pole 19949 and change Tx R0366
F-5701-A	Titikahi		Poroti CB1032	4/20/2024	09:42:54	4/20/2024	09:57:25	0.19408	0.01337	857	12441	Unplanned	Unknown	O/C. Also took out part of DAR CB 8 due to network in abnormal state (SW2061 op
F-5710-A	Whakapara		Hikurangi CB1112	4/20/2024	15:27:16	4/20/2024	19:10:00	0.57337	0.01128	723	36754	Unplanned	Third Party Interference	FP 381543. De-energised HV following report of car vs pole. LV pole 42411 replace
F-5719-A	Coast		Dargaville CB6	4/21/2024	20:34:41	4/22/2024	00:45:59	0.17249	0.00069	44	11057	Unplanned	Defective Equipment	Rotten arm
F-5725-A	North Kaiwaka		Kaiwaka CB1022	4/21/2024	23:24:27	4/22/2024	09:55:00	0.95537	0.00727	466	61241	Unplanned	Wildlife	Curtis Point Rd - broken HV line Pole 29850. 2nd feeder fault - tripped again. Road
F-5731-A	Poroti		Maungatapere CB2	4/22/2024	04:34:31	4/22/2024	06:05:00	0.46860	0.00963	617	30038	Unplanned	Unknown	381553. Patrol lines after feeder fault. Nothing found & Line BTN
F-5734-A	Tuririri		Dargaville CB9	4/22/2024	06:34:20	4/22/2024	06:49:37	0.07647	0.00786	504	4902	Unplanned	Unknown	CB9 DAR Trip & 15 Min Close. Overcurrent A & B
F-5737-A	Ararua		Mareretu CB2	4/22/2024	10:54:00	4/22/2024	12:25:00	0.39607	0.00435	279	25389	Unplanned	Defective Equipment	381561. Isolate HV to repair spragged wires & install temp links for upcoming shut
F-5740-A	Ararua		Mareretu CB2	4/22/2024	11:35:00	4/22/2024	13:09:00	0.00147	0.00002	1</				

Company Name

Northpower

For Year Ended

31 March 2025

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach. Where multiple feeders are affected, the interruption record is to be split into multiple interruptions, ie, one interruption record per feeder. 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

F-5803-A	Access Rd	Ruawai CB1022	5/1/2024	18:17:00	5/1/2024	21:12:00	0.12810	0.00188	121	8225	Unplanned	Defective Equipment	FP 382001LV lines down across Rd - lv cut away between poles 44561 & 44562
O-3730-B	Fert. Works	Kioreroa CB6	5/2/2024	04:32:00	5/2/2024	04:48:00	0.00174	0.00011	7	112	Planned	Planned Interruption	Replacement HV fuses to correct sizing - down graded to 50A. KN
O-3631-B	Patua	Parua Bay CB1	5/2/2024	09:01:00	5/2/2024	15:20:00	1.60103	0.00505	324	102798	Planned	Planned Interruption	Improvements in Supply Quality - REMOVE Sw's 9885 & 9912, REPOSITION & INST
O-3577-B	Waipu	Ruakaka CB2	5/2/2024	09:25:00	5/2/2024	13:29:00	0.20521	0.00084	54	13176	Planned	Planned Interruption	Network Maintenance replacing cross arms on poles 10383 and 10384
O-3583-B	Dunns Rd	Ruawai CB1082	5/2/2024	09:36:00	5/2/2024	10:47:00	0.08736	0.00123	79	5609	Planned	Planned Interruption	Reconfigure jumpers at pole 906579
F-5812-A	North Dargaville	Dargaville CB1	5/2/2024	11:56:42	5/2/2024	18:19:00	0.28195	0.00240	154	18103	Unplanned	Third Party Interference	F3967151 / FP 382028 - Car vs pole
O-3586-B	Whangarei Heads	Parua Bay CB3	5/3/2024	09:07:47	5/3/2024	14:18:00	1.06293	0.00343	220	68248	Planned	Planned Interruption	Network Maintenance replacing Cross arms
O-3862-B	Tangowahine	Dargaville CB8	5/3/2024	09:36:00	5/3/2024	13:33:00	0.23983	0.00104	67	15399	Planned	Planned Interruption	Replace damaged Recloser 1504
O-3754-B	Onoke	Kamo CB8	5/5/2024	09:15:00	5/5/2024	14:54:00	0.35374	0.00104	67	22713	Planned	Planned Interruption	Upgrade ground mount D-Sub KV108 to 300kva. Replace concrete base.
O-3751-B	Titikō	Poroti CB1032	5/5/2024	10:11:49	5/5/2024	11:39:01	0.17655	0.00202	130	11336	Planned	Planned Interruption	Isolate 11kv for Fulton hogan to replace Road sign near lines
O-3652-B	Charles St	Kamo CB2	5/6/2024	09:00:00	5/6/2024	13:13:00	0.14973	0.00059	38	9614	Planned	Planned Interruption	Network Maintenance - Replace LV arms at Pole 64319
O-3655-B	Dunns Rd	Ruawai CB1082	5/6/2024	09:38:00	5/6/2024	14:03:00	0.11969	0.00045	29	7683	Planned	Planned Interruption	Drop lines from pole 45724 to pole 45725 for vegetation to drop tree.
O-3775-B	Taipuha	Mareretu CB1	5/6/2024	09:51:00	5/6/2024	12:49:00	0.01663	0.00009	6	1068	Planned	Planned Interruption	Live new Tx B264
F-5833-A	Maungatapere - Dairy Factory	Maungatapere CB6	5/6/2024	18:27:23	5/7/2024	03:40:01	0.59613	0.00564	362	38276	Unplanned	Third Party Interference	FP382234 / F-5833-A - Car V Pole (No trip,Pole broken at base)
F-5839-A	Swamp North	Hikurangi CB1042	5/6/2024	20:33:00	5/6/2024	22:09:00	0.00299	0.00003	2	192	Unplanned	Defective Equipment	FP382233 - F-5839-A. HV jumper off @ Tx. Terminal bolt broken
O-700-C	Swamp North	Hikurangi CB1042	5/7/2024	09:02:00	5/7/2024	13:59:00	0.68459	0.00231	148	43956	Planned	Planned Interruption	Replace Cross arms and connections.
O-3649-B	Puawa	Maungatapere CB7	5/7/2024	09:06:00	5/7/2024	15:06:00	0.07289	0.00020	13	4680	Planned	Planned Interruption	Network Maintenance - ARM & HARDWARE REPLACEMENTS
O-3658-B	Marsden Pt	Ruakaka CB1	5/7/2024	09:08:00	5/7/2024	13:12:00	0.65743	0.00269	173	42212	Planned	Planned Interruption	Network Extension install new TX on pole 16569 and disconnect the old LV overhead
O-3778-B	Charles St	Kamo CB2	5/7/2024	09:17:00	5/7/2024	14:56:00	0.20063	0.00059	38	12882	Planned	Planned Interruption	Upgrade transformer KT104
O-3784-B	Lings Beach	Mangawhai North CB3	5/7/2024	09:45:00	5/7/2024	13:39:00	0.01458	0.00006	4	936	Planned	Planned Interruption	Network Extension - Replace pole 10718. Erect & live 30kVA Tx RR353.
O-3646-B	Patua	Parua Bay CB1	5/8/2024	09:02:00	5/8/2024	15:12:00	0.47253	0.00128	82	30340	Planned	Planned Interruption	Network Maintenance - REPLACE POLE 24608 (TxPO117)
O-703-C	Jordan Valley	Hikurangi CB1102	5/8/2024	09:08:50	5/8/2024	14:41:42	0.25921	0.00078	50	16643	Planned	Planned Interruption	Replace HV & LV cross arms.
O-3694-B	Town Hikurangi	Hikurangi CB1082	5/8/2024	09:31:00	5/8/2024	15:17:00	0.33410	0.00097	62	21452	Planned	Planned Interruption	Network Maintenance Replace Transformer K5145 & run new HV & LV cables up
F-5854-A	Toetoe Rd	Kioreroa CB7	5/8/2024	10:51:14	5/8/2024	12:01:00	0.13246	0.00336	216	8505	Unplanned	Defective Equipment	LV - ABC Lines down @ Pole 327366
O-3664-B	Jordan Valley	Hikurangi CB1102	5/9/2024	09:03:00	5/9/2024	12:51:00	0.08877	0.00039	25	5700	Planned	Planned Interruption	Replace HV & LV cross arms, HV fuses and connections
O-3865-B	Montgomery Ave	Onerahi CB8	5/10/2024	09:03:00	5/10/2024	15:57:00	0.61681	0.00150	96	39604	Planned	Planned Interruption	Replacing 11kv 400v poles 36555 & 36556
O-3676-B	Puawa	Maungatapere CB7	5/10/2024	09:08:00	5/10/2024	12:50:00	0.09335	0.00042	27	5994	Planned	Planned Interruption	Network Maintenance replacing poles cross arms HV connections
O-3667-B	Alamein Ave	Onerahi CB3	5/10/2024	09:11:00	5/10/2024	13:42:00	0.16461	0.00061	39	10569	Planned	Planned Interruption	Network Maintenance - LV ARM & HARDWARE REPLACEMENTS
O-3793-B	Paparoa	Mareretu CB6	5/10/2024	09:36:00	5/10/2024	13:41:00	0.04579	0.00019	12	2940	Planned	Planned Interruption	Reface pole 31131
F-5878-A	Maungakaramea	Maungatapere CB3	5/10/2024	15:48:00	5/10/2024	16:31:00	0.04085	0.00095	61	2623	Unplanned	Defective Equipment	FP 382401Broken Xarm @ pole 53736
F-5884-A	Swamp North	Hikurangi CB1042	5/13/2024	08:12:22	5/13/2024	08:27:27	0.04599	0.00629	404	2953	Unplanned	Unknown	Sw 10010 indicated B phase. Sw 10010 closed after 15 minutes
O-3679-B	Tururiri	Dargaville CB9	5/13/2024	09:04:00	5/13/2024	15:04:00	0.17942	0.00050	32	11520	Planned	Planned Interruption	Replace HV poles and crossarms
O-820-C	Whataitiri	Maungatapere CB8	5/14/2024	09:01:11	5/14/2024	14:21:31	0.50888	0.00159	102	32674	Planned	Planned Interruption	Replace cross arms at numerous sites and pole 60121
O-3796-B	Titikō	Poroti CB1032	5/14/2024	10:04:00	5/14/2024	13:19:00	0.00607	0.00003	2	390	Planned	Planned Interruption	Urgent Repairs - Transformer replacement & LV maintenance...
F-5890-A	Waipu	Ruakaka CB2	5/15/2024	03:49:20	5/15/2024	07:01:00	0.90932	0.01634	1049	58385	Unplanned	Vegetation	FP382507 - Found gum bark across 11kV Tx RR194
F-5893-A	Toetoe Rd	Kioreroa CB7	5/15/2024	05:39:43	5/15/2024	08:09:00	0.76952	0.01391	893	49409	Unplanned	Defective Equipment	382522/ jumper On Xarm. Stand off insulator installed (Fault found later on F-5890-A)
O-847-C	Kaitea	Ngunguru CB1072	5/15/2024	09:13:00	5/15/2024	12:38:00	0.75349	0.00368	236	48380	Planned	Planned Interruption	Replant pole 59285 (908217)
O-3973-B	Puawa	Maungatapere CB7	5/15/2024	09:26:00	5/15/2024	14:35:30	0.09159	0.00030	19	5881	Planned	Planned Interruption	Acces through 11kv Only to work on 33kV
F-5899-A	Patua	Parua Bay CB1	5/15/2024	10:10:00	5/15/2024	13:23:00	0.08175	0.00095	61	5249	Unplanned	Defective Equipment	Line side HV jumper off at DDOs & also replaced DDOs
F-5902-A	Toetoe Rd	Kioreroa CB7	5/15/2024	10:42:33	5/15/2024	13:23:00	0.12453	0.01072	688	7996	Unplanned	Defective Equipment	382522/ jumper on Xarm @ pole 46122. Related to earlier tripping F-5893-A
O-3799-B	North River	Ruakaka CB7	5/16/2024	09:09:00	5/16/2024	12:53:00	0.08722	0.00039	25	5600	Planned	Planned Interruption	Network Maintenance, change span of 7064 wire to Flourine
O-3895-B	Swamp North	Hikurangi CB1042	5/16/2024	09:15:33	5/16/2024	14:00:49	0.24415	0.00086	55	15676	Planned	Planned Interruption	Network Maintenance cross arm replacements
F-5917-A	Waikere	Mareretu CB5	5/16/2024	23:03:57	5/16/2024	23:05:12	0.00815	0.00651	418	523	Unplanned	Unknown	Trip OC Phase BCFPI @ Sw 381 OC Phase AB
F-5935-A	Town Hikurangi	Hikurangi CB1082	5/17/2024	15:21:34	5/17/2024	15:51:07	0.25175	0.00852	547	16164	Unplanned	Defective Equipment	FP-382591 - Customer reported lines down. Jason Rhodes found broken guy wire.
O-646-C	Treatment	Kioreroa CB2	5/19/2024	09:01:00	5/19/2024	14:19:00	1.22883	0.00396	254	78900	Planned	Planned Interruption	Network Maintenance - POLE, ARM & HARDWARE REPLACEMENT
O-3829-B	Bickerstaff	Maungaturoto CB2	5/20/2024	09:38:51	5/20/2024	14:04:00	0.10893	0.00132	85	6994	Planned	Planned Interruption	Network Maintenance - replace 11kv fuse carriers. & Replace Tx DA237
O-3685-B	Marua	Hikurangi CB1022	5/21/2024	09:06:00	5/21/2024	13:49:00	0.21597	0.00076	49	13867	Planned	Planned Interruption	Network Maintenance replace poles and cross arms as per plan.
O-793-C	Paranui	Tikipunga CB6	5/21/2024	09:15:00	5/21/2024	10:53:00	0.08395	0.00086	55	5390	Planned	Planned Interruption	Replace poles 51103 and 51104 to gain height
F-6007-A	Tururiri	Dargaville CB9	5/21/2024	17:13:00	5/21/2024	19:45:00	0.04498	0.00030	19	2888	Unplanned	Defective Equipment	FP 382710Shutdown to repair blown HV jumper @ Tx J248
F-6010-A	Te Kopuru	Dargaville CB2	5/21/2024	19:31:04	5/21/2024	19:46:47	0.11767	0.01487	955	7555	Unplanned	Unknown	Tripped O/C B&C phase - Unknown cause - SCADA switching only
O-3916-B	Waipu	Ruakaka CB2	5/22/2024	09:01:13	5/22/2024	13:24:46	0.50077	0.00190	122	32153	Planned	Planned Interruption	Network Maintenance replace cross arms and poles and transformer.Pole 10317
O-3985-B	Dunns Rd	Ruawai CB1082	5/22/2024	12:31:00	5/22/2024	13:55:00	0.00131	0.00002	1	84	Planned	Planned Interruption	Network Maintenance - Replace Tx G142
F-6031-A	North Kaiwaka	Kaiwaka CB1022	5/23/2024	06:37:32	5/23/2024	10:36:00	0.38930	0.00340	218	24996	Planned	Wildfire	FP -382784Lines down Goose vs lines Pt Curtis
O-3901-B	Titikō	Poroti CB1032	5/23/2024	09:02:00	5/23/2024	13:44:00	0.10541	0.00037	24	6768	Planned	Planned Interruption	Network Maintenance new guy wires straighten poles and new cross arms
F-6034-A	Hakaru	Kaiwaka CB1032	5/23/2024	11:41:00	5/23/2024	13:05:00	0.08768	0.00252	162	5630	Planned	Unknown	Devich Rd - Repaired spragged 11kv lineFP 382784
O-4075-B	Fert. Works	Kioreroa CB6	5/23/2024	22:06:00	5/24/2024	01:08:00	0.27212	0.00150	96	17472	Planned	Planned Interruption	Transport high load from 17 Fraser street to 340 Port Road, Port Whangarei
F-6037-A	Fert. Works	Kioreroa CB6	5/24/2024	05:56:00	5/24/2024	07:18:00	0.02682	0.00033	21	1722	Planned	Defective Equipment	FP382812 - Reinstate cable onto HV DDO Fuse
O-4033-B	Tikipunga Hill	Tikipunga CB4	5/24/2024	09:06:00	5/24/2024	11:35:00	0.00696	0.00005	3	447	Planned	Planned Interruption	Replace pole 908166 to gain correct ground clearance. This site has access issues
F-6046-A	Western Hills Dr	Alexander St CB7	5/24/2024	21:11:36	5/25/2024	03:59:00	1.20425	0.01621	1041	77322	Unplanned	Third Party Interference	FP382855Replace pole damaged by vehicle Reg Z12940
O-4078-B	Fert. Works	Kioreroa CB6	5/25/2024	22:02:00	5/26/2024	01:56:00	0.34987	0.00150	96	22464	Planned	Planned Interruption	Shut down for high load
F-6049-A	Tangihai	Ruawai CB1032	5/26/2024	15:24:47	5/26/2024	15:40:28	0.08926	0.00994	638	5731	Planned	Unknown	SCADA switching only/Tripped O/C - Unknown cause
O-841-C	Brynderwyn	Maungaturoto CB1	5/27/2024	09:13:00	5/27/2024	12:29:00	0.00305	0.00002	1	196	Planned	Planned Interruption	Network Maintenance - straighten pole 305359
O-4003-B	Swamp North	Hikurangi CB1042	5/27/2024	09:29:00	5/27/2024	13:22:00	0.19596	0.00084	54	12582	Planned	Planned Interruption	Refurbish Dsub KB137 and replace HV arms on pole 38612. also replace LV arms
O-4069-B	King Road	Mangawhai North CB2	5/28/2024	12:31:46	5/28/2024	14:07:28	0.63793	0.00667	428	40960	Planned	Planned Interruption	Installing new automated Switch 10092 on pole 17639.
O-3718-B	Tururiri	Dargaville CB9	5/29/2024	09:05:00	5/29/2024	15:47:00	0.25044	0.00062	40	16080	Planned	Planned Interruption	Replace HV and LV cross arms
O-3721-B	Maipouru	Ngunguru CB1032	5/29/2024	09:28:15	5/29/2024	13:46:42	0.00805	0.00003	2	517	Planned	Planned Interruption	Replace HV cross arms at pole 58907/58908 and refurbish Dsub KT190
F-6064-A	Kaiwaka South	Kaiwaka CB1072	5/29/2024	13:32:53	5/29/2024	13:48:41	0.12673	0.00202	515	8137	Unplanned	Unknown	F4 trip and close after 15 mins. No FPIs
F-6067-A	Poroti	Maungatapere CB2	5/29/2024	15:23:58	5/29/2024	18:25:00	0.46051	0.02204	1415	29568	Unplanned	Vegetation	FP 382990 - Branch in 11kV lines. Removed and relieved.
F-6070-A	Parua Bay	Parua Bay CB8	5/29/2024	16:21:00	5/30/2024	12:52:00	1.50257	0.00916	588	96476	Unplanned	Vegetation	383005Lines down between poles 63976 & 13540 (SW 960 SCF)
F-6073-A	Montgomery Ave	Onerahi CB2	5/29/2024	16:28:09	5/29/2024	17:11:43	0.32501	0.00746	479	20868	Unplanned	Vegetation	383001Trees across street light pole
F-6082-A	Tangihai	Ruawai CB1032	5/29/2024	17:19:54	5/29/2024	22:13:00	0.49683	0.00199	128	31900	Unplanned	Defective Equipment	383006 - LV Xarm King bolt fail pole 62138, isolated OH section of LV, unable to co
F-6085-A	Access Rd	Ruawai CB1022	5/29/2024	18:14:46	5/30/2024	02:33:00	1.13666	0.01343	862	72982	Unplanned	Defective Equipment	FP - 383015 HV line down 14019 - 14020Note: MTU CB 2 tripped at 2007hrs
F-6088-A	Coast	Dargaville CB6	5/29/2024	18:33:17	5/30/2024	13:21:46	1.11797	0.00251	161	71782	Unplanned	Vegetation	383016 - HV Pole broken, HV Lines down & LV Pole replacement
F-6112-A	Maungakaramea	Maungatapere CB3	5/29/2024	19:03:04									

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Company Name	Northpower
For Year Ended	31 March 2025

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach.Where multiple feeders are affected, the interruption record is to be split into multiple interruptions, ie, one interruption record per feeder. 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.

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For Year Ended	31 March 2025

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O-4261-B	Titoki		Poroti CB1032	7/3/2024	09:05:00	7/3/2024	13:58:00	0.33742	0.00115	74	21682	Planned	Planned Interruption	Replace HV & LV crossarms. Replace HV fuses at Dsub W222Install Temp LV break
O-4105-B	Paparoa		Mareretu CB6	7/3/2024	09:13:00	7/3/2024	14:51:00	0.13676	0.00040	26	8788	Planned	Network Extension - Replace 11m pole 31146 with new 12.5m type.	
O-4420-B	Titoki		Poroti CB1032	7/3/2024	09:27:00	7/3/2024	13:27:00	0.03735	0.00016	10	2400	Planned	Planned Interruption	Clearing trees around 11kv lines
F-6583-A	Ararua		Mareretu CB2	7/3/2024	12:24:21	7/3/2024	13:12:54	0.11559	0.00238	153	7428	Unplanned	Defective Equipment	384072 - Urgent shut to replace Xarm - Missing nut Insulator Pin
O-4207-B	Titoki		Poroti CB1032	7/4/2024	09:03:00	7/4/2024	15:10:00	0.14278	0.00039	25	9175	Planned	Planned Interruption	Refurbish Dsub TW150 and TW162
O-4276-B	Swamp North		Hikurangi CB1042	7/4/2024	09:09:00	7/4/2024	13:00:00	0.59315	0.00257	165	38115	Planned	Planned Interruption	Replace HV and LV cross arms and refurbish Dsub KB147
O-1054-C	North Dargaville		Dargaville CB1	7/4/2024	10:16:00	7/4/2024	15:30:00	0.13682	0.00044	28	8792	Unplanned	Defective Equipment	Urgent Repairs - Replace transformer pole due to spalling, leaking oil & condition of structure.
O-4165-B	One Tree Point		Ruakaka CB6	7/8/2024	09:09:00	7/8/2024	17:00:00	0.00733	0.00002	1	471	Planned	Planned Interruption	NAR 5860 - cancelled part way through due to sw 5178 position indicator.
O-4345-B	Hakaru		Kaiwaka CB1032	7/8/2024	09:37:36	7/8/2024	12:46:43	0.27959	0.00148	95	17966	Planned	Planned Interruption	Clear trees around 11kv lines from pole 45865 to pole 45864
O-634-C	Titoki		Poroti CB1032	7/8/2024	10:17:42	7/8/2024	13:22:56	0.37473	0.00202	130	24080	Planned	Planned Interruption	Replace HV cross arm at pole 50799 and refurbish Dsub W159
F-6607-A	One Tree Point		Ruakaka CB6	7/8/2024	13:19:00	7/8/2024	17:00:00	0.00688	0.00003	2	442	Unplanned	Defective Equipment	Faulty switch position indicator - Found during carrying out planned work NAR 5860
O-4231-B	Waipu		Ruakaka CB2	7/9/2024	09:01:00	7/9/2024	13:08:54	1.05705	0.00426	274	67925	Planned	Planned Interruption	Network Maintenance replacing cross arms and poles
F-6613-A	One Tree Point		Ruakaka CB6	7/9/2024	10:27:00	7/9/2024	15:32:00	0.01418	0.00005	3	911	Unplanned	Defective Equipment	Replaced faulty RMU
O-4435-B	Maungakaramaea		Maungatapere CB3	7/9/2024	13:44:00	7/9/2024	15:10:00	0.07361	0.00086	55	4730	Planned	Planned Interruption	Network Maintenance - Fit Neutral lugs flat
F-6616-A	Fert. Works		Kioreroa CB6	7/9/2024	22:12:58	7/10/2024	00:39:25	0.17776	0.00121	78	11423	Unplanned	Defective Equipment	FP 384273repair damaged conductor at pole 26039 causing arcing at pole
O-4390-B	MTON - MTO POS		Maungaturoto POS CB1262	7/10/2024	08:40:00	7/10/2024	14:36:00	1.70820	0.00546	351	109767	Planned	Planned Interruption	Improve 33 kV line height mitigation
O-916-C	KAI - MWI 33kV		Kaiwaka CB52	7/11/2024	22:02:56	7/12/2024	05:10:00	17.84012	0.04547	2922	1146388	Planned	Planned Interruption	Network Maintenance - replacing hardware between poles 17740 and 17651/212
O-931-C	Swamp North		Hikurangi CB1042	7/12/2024	09:37:00	7/12/2024	10:04:00	0.00210	0.00008	5	135	Planned	Planned Interruption	Install guy 33kv guy design insulators
O-979-C	Tangawhine		Dargaville CB8	7/12/2024	11:02:00	7/12/2024	12:05:00	0.00392	0.00006	4	252	Planned	Planned Interruption	Replace 11kv guy wire
O-973-C	Fert. Works		Kioreroa CB6	7/14/2024	09:05:00	7/14/2024	15:39:00	0.07971	0.00020	13	5122	Planned	Planned Interruption	Replace HT fuses 9048 and 9096. Replace 11kv cable between fuses 9048 and Tx X2018
O-4408-B	Whakapara		Hikurangi CB1112	7/15/2024	09:55:00	7/15/2024	11:19:00	0.03922	0.00047	30	2520	Planned	Planned Interruption	Fit neutral lugs flat, paint
O-4066-B	Puwerā		Maungatapere CB7	7/16/2024	09:04:00	7/16/2024	15:12:00	0.35506	0.00096	62	22816	Planned	Planned Interruption	Network Maintenance - replace cross arms and transformers straighten poles and n
F-6664-A	Coast		Dargaville CB6	7/17/2024	04:26:42	7/17/2024	10:19:00	0.56926	0.00467	300	36580	Unplanned	Defective Equipment	PP 384538Tipped EF - Replaced polymer at pole 15747
O-886-C	One Tree Point		Ruakaka CB6	7/18/2024	09:05:00	7/18/2024	12:59:00	0.40057	0.00171	110	25740	Planned	Planned Interruption	Ruakaka CB6 - Takahiwai Rd - Network Maintenance
O-4264-B	Titoki		Poroti CB1032	7/18/2024	09:14:00	7/18/2024	13:56:00	0.14921	0.00053	34	9588	Planned	Planned Interruption	Replace cross arms and refurbish Dsub P194
O-4441-B	Kaitea		Ngunguru CB1072	7/18/2024	09:28:00	7/18/2024	10:42:00	0.05528	0.00075	48	3552	Planned	Planned Interruption	Network Maintenance - Fit neutral lugs flush
F-6688-A	Tangihia		Ruawai CB1032	7/18/2024	12:13:00	7/18/2024	15:43:00	0.01320	0.00017	11	848	Unplanned	Defective Equipment	PP 384521 - Replaced LV tx fuses & impacts
F-6700-A	Kaitea		Ngunguru CB1072	7/19/2024	07:44:56	7/19/2024	08:00:42	0.07146	0.01061	682	4592	Unplanned	Unknown	Trip & close to Sw 720. 15 min close on Sw 720 due to All FPIs activating.
O-1003-C	Ararua		Mareretu CB2	7/19/2024	09:09:00	7/19/2024	14:33:00	0.12605	0.00039	25	8100	Planned	Planned Interruption	Network Maintenance - Replacement of LV X-Arms & reconductoring works below
O-4369-B	Titoki		Poroti CB1032	7/19/2024	09:18:00	7/19/2024	13:32:00	0.17392	0.00068	44	11176	Planned	Planned Interruption	Replace HV X arms
F-6706-A	Three Mile Bush		Kamo CB3	7/19/2024	13:53:00	7/19/2024	16:53:00	1.10179	0.00652	419	70800	Unplanned	Defective Equipment	384641. Outage to top up oil in RMU and find reason for leak.
F-6712-A	Whataitiri		Maungatapere CB8	7/20/2024	12:52:00	7/20/2024	13:22:46	0.12588	0.00966	621	8089	Unplanned	Unknown	No Fault Found. 87N
F-6718-A	Te Kopuru		Dargaville CB2	7/20/2024	17:21:23	7/20/2024	17:36:30	0.12686	0.01469	944	8152	Unplanned	Unknown	Trip EF A 8 & C. FPIs at Sw 2255 activated. 87N
O-946-C	Treatment		Kioreroa CB2	7/21/2024	06:12:00	7/21/2024	13:49:00	0.09255	0.00072	46	5947	Planned	Planned Interruption	- Replace DOF's 9018 and associated hardware - Straight joint 11kv cable feeding V
O-4375-B	Titoki		Poroti CB1032	7/22/2024	09:02:00	7/22/2024	12:02:00	0.01961	0.00011	7	1260	Planned	Planned Interruption	Replace HV cross arms
F-6727-A	Swamp North		Hikurangi CB1042	7/22/2024	17:28:46	7/22/2024	17:43:25	0.09233	0.00630	405	5993	Unplanned	Unknown	Tripped O/C & closed after 15mins - Unknown
O-4378-B	North River		Ruakaka CB7	7/23/2024	09:04:00	7/23/2024	14:43:00	0.29015	0.00086	55	18645	Planned	Planned Interruption	Refurbish Dsub RB120, replace Links 531 and replace cross arms at various poles. R
O-985-C	Ruatangata		Kamo CB6	7/24/2024	09:01:00	7/24/2024	14:05:00	0.39739	0.00131	84	25536	Planned	Planned Interruption	Network Extension Upgrade tx from 100kVA to 150kVA pole mounted transformer
O-4414-B	Titoki		Poroti CB1032	7/24/2024	09:08:00	7/24/2024	14:17:00	0.53376	0.00173	111	34299	Planned	Planned Interruption	Replace HV cross arms
O-964-C	Dunns Rd		Ruawai CB1082	7/24/2024	13:10:00	7/24/2024	15:06:00	0.05235	0.00045	29	3364	Planned	Planned Interruption	Install 2x new pole mount transformers G281 & G282
O-4384-B	Carinfeld Rd		Tikipunga CB5	7/25/2024	09:06:00	7/25/2024	13:52:00	0.00000	0.00000	0	0	Planned	Planned Interruption	Network Maintenance - 2 POLE Tx STRUCTURE REPLACEMENT. OH/LUG CONVE
O-967-C	Coast		Dargaville CB6	7/25/2024	09:22:01	7/25/2024	11:50:32	0.20108	0.00135	87	12921	Planned	Planned Interruption	Network Extension - Replace11kv x-arm & install HV fuse links 10186 for transfor
O-4381-B	Thelma Road		Mangawhai North CB4	7/25/2024	09:52:00	7/25/2024	13:20:00	0.02590	0.00012	8	1664	Planned	Planned Interruption	Transformer Upgrade - upgrade transformer from 50kva to 100kva
F-6775-A	Ararua		Mareretu CB2	7/25/2024	22:19:00	7/26/2024	01:10:00	0.07451	0.00044	28	4788	Unplanned	Third Party Interference	PP 384823 - Replace damaged pole
O-4297-B	Waipu		Ruakaka CB2	7/26/2024	09:39:00	7/26/2024	16:01:00	1.43815	0.00389	250	92414	Planned	Planned Interruption	HV/LV Arm and hardware replacements. Replace Tx RB101 - Delay in livening IC
F-6781-A	Kaitea		Ngunguru CB1072	7/26/2024	09:55:00	7/26/2024	11:37:00	0.00635	0.00006	4	408	Unplanned	Other Cause	384604 - Raise Low HV Lines @ road crossing (Temp break installed for isolation)
F-6784-A	Taipuha		Mareretu CB1	7/26/2024	11:21:00	7/26/2024	12:29:00	0.00317	0.00005	3	204	Unplanned	Defective Equipment	384834 - Repair buckarm at transformer B194 @ 248 Swamp Road
F-6787-A	Otonga		Hikurangi CB1032	7/27/2024	07:32:56	7/27/2024	12:29:00	0.01382	0.00005	3	888	Unplanned	Wildlife	2 x HV fuses blown due to swan.
F-6790-A	Wairere		Mareretu CB5	7/28/2024	03:00:00	7/28/2024	03:15:41	0.06598	0.00652	419	4240	Unplanned	Unknown	Trip OC A8 - FPI at Smith 381 Phase BC
F-6793-A	Te Kopuru		Dargaville CB2	7/28/2024	17:27:00	7/28/2024	19:59:00	0.04258	0.00028	18	2736	Unplanned	Defective Equipment	384868/ Replace Faulty Xarms & Insulators. 15943 & 15944
O-991-C	North River		Ruakaka CB7	7/29/2024	09:14:00	7/29/2024	13:42:00	0.16265	0.00061	39	10452	Planned	Planned Interruption	Replace HV cross arms and refurbish Dsub RB230 @ pole 39290
F-6802-A	Tangihia		Ruawai CB1032	7/29/2024	11:30:00	7/29/2024	11:43:00	0.00061	0.00005	3	39	Unplanned	Vegetation	PP 384900Tree over HV line, not touching @ pole 14600 - isolate only
O-4426-B	Maunu		Maunu CB1032	7/29/2024	13:21:00	7/29/2024	14:34:00	0.03408	0.00047	30	2190	Planned	Planned Interruption	Network Maintenance Fit neutral lugs flush
O-889-C	North River		Ruakaka CB7	7/30/2024	09:02:11	7/30/2024	13:30:35	0.39680	0.00148	95	25498	Planned	Planned Interruption	Refurbish Dsub RB164 and RB166 and replace HV and LV cross arms
O-1006-C	Thelma Road		Mangawhai North CB4	7/30/2024	09:27:00	7/30/2024	10:45:00	0.14930	0.00191	123	9594	Planned	Planned Interruption	Network Maintenance - Installed T/Break@ Pole 312091, Disconnect cable from S
O-1021-C	Hokianga Rd		Dargaville CB7	7/30/2024	09:40:00	7/30/2024	14:31:00	0.64758	0.00223	143	41613	Planned	Planned Interruption	11kV line alteration to facilitate relocation of DA44 into the berm (install new HV F
O-4462-B	Whangarei Heads		Parua Bay CB3	7/31/2024	09:03:00	7/31/2024	15:28:00	0.01190	0.00317	204	58598	Planned	Planned Interruption	Replacing Transformer PO274 & Pole 24497
O-4429-B	Brindleywyn		Maungaturoto CB1	7/31/2024	09:06:00	7/31/2024	13:16:00	0.08559	0.00034	22	5500	Planned	Planned Interruption	Network Maintenance - replace pole 48179 and hardware
O-4489-B	Jordan Valley</													

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach. Where multiple feeders are affected, the interruption record is to be split into multiple interruptions, ie, one interruption record per feeder. 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.

Company Name
For Year Ended

Northpower
31 March 2025

sch ref

O-4360-B	Tikipunga Hill		Tikipunga CB4	8/9/2024	09:28:00	8/9/2024	15:51:00	0.27994	0.00073	47	18001	Planned	Planned Interruption	Replace concrete base and 11kv cable riser.
O-1030-C	Thelma Road		Mangawhai North CB4	8/9/2024	09:51:00	8/9/2024	14:32:00	0.14858	0.00053	34	9554	Planned	Planned Interruption	Install new Tx MC S82
F-6880-A	Tangahiri		Ruawai CB1032	8/9/2024	10:38:00	8/9/2024	12:32:00	0.16842	0.00148	95	10830	Unplanned	Defective Equipment	Urgent shut (not notified) to replace Xarm pole 28865
F-6892-A	Bream Bay		Bream Bay CB1107	8/10/2024	09:10:00	8/10/2024	11:16:00	0.168077	0.02554	1642	108078	Unknown	Unknown	385272/ Unknown - Trip O/C Phase BC. Patrolled & Lined in sections. Relay data
F-6901-A	Te Kopuru		Dargaville CB2	8/11/2024	05:57:00	8/11/2024	06:12:40	0.19766	0.01468	944	12710	Unplanned	Unknown	Overcurrent Trip A & C. Successful 15 minute close on CB 2 DARR.
F-6868-A	North Dargaville		Dargaville CB1	8/12/2024	09:36:00	8/12/2024	16:23:00	0.01855	0.00005	3	1193	Unplanned	Defective Equipment	Pole replacement and line lift @ Pole 25813
O-1051-C	Hakaru		Kaiwaka CB1032	8/12/2024	10:01:00	8/12/2024	14:25:00	0.29150	0.00110	71	18744	Planned	Planned Interruption	LV maintenance to replace Xarms, connections and pillars past L425
F-6904-A	Te Kopuru		Dargaville CB2	8/12/2024	11:06:00	8/12/2024	11:57:48	0.07491	0.00145	93	4817	Unplanned	Defective Equipment	Pole replacement and line lift @ Pole 25813
F-6910-A	Kaitotea		Ngunguru CB1072	8/12/2024	14:55:57	8/12/2024	15:11:41	0.07116	0.01061	682	4576	Unplanned	Unknown	Trip & 15 Min Close on Sw 720. FPIs at Sw 720 Activated.
O-4564-B	Waipū		Ruakaka CB2	8/14/2024	09:02:34	8/14/2024	13:37:22	0.70941	0.00258	166	45617	Planned	Planned Interruption	Network Maintenance replacing poles cross arms and connections
O-4477-B	Tangawhine		Dargaville CB8	8/14/2024	10:16:00	8/14/2024	11:31:00	0.01750	0.00023	15	1125	Planned	Planned Interruption	Replace Stud pole underneath 11kV line and re instate guy wire
F-6912-A	Muangakaramaea		Maungatapuere CB3	8/15/2024	09:52:00	8/15/2024	12:07:00	0.13436	0.00100	64	8640	Unplanned	Defective Equipment	FP385290Repair spragged line/dead end & change rotten cross-arm
F-6915-A	Ararua		Mareretu CB2	8/15/2024	10:31:00	8/15/2024	13:38:00	0.00095	0.00003	2	61	Unplanned	Defective Equipment	Transformer replacement E283 due to siezed tapchanger
F-6943-A	Charles St		Kamo CB2	8/15/2024	13:41:08	8/16/2024	20:16:00	0.02854	0.00002	1	1835	Unplanned	Defective Equipment	FP385405UG HV Cable fault
F-6955-A	Te Kopuru		Dargaville CB2	8/17/2024	22:07:28	8/18/2024	03:13:31	1.07321	0.02183	1404	69010	Unplanned	Third Party Interference	FP385454Car Vs Pole 14046 - Event # F4031845
F-6958-A	Te Kopuru		Dargaville CB2	8/18/2024	04:19:35	8/18/2024	04:34:37	0.13127	0.01468	944	8441	Unplanned	Vegetation	Tripped & closed after 15mins - Sw 2255 FPI's activated - Unknown cause, later fo
F-6973-A	North Dargaville		Dargaville CB1	8/18/2024	08:32:19	8/19/2024	11:36:00	0.11995	0.00039	25	7713	Unplanned	Unknown	FP 385455 - Replace Transformer but no cause found
F-6970-A	Te Kopuru		Dargaville CB2	8/18/2024	11:46:00	8/18/2024	12:57:02	0.80656	0.01468	944	51864	Unplanned	Vegetation	FP 385463 - Trip OC Phase AC patrolled nothing found. Later found line down on F-
F-6967-A	Coast		Dargaville CB6	8/18/2024	12:00:00	8/18/2024	19:53:18	0.36009	0.00135	87	23155	Unplanned	Vegetation	FP 385462 / F 4032091 - Reported pole on fire. Replaced DDOs & LV wirm.
F-6979-A	Te Kopuru		Dargaville CB2	8/19/2024	16:11:00	8/19/2024	01:28:29	0.98143	0.03614	3244	128293	Unplanned	Defective Equipment	FP 385472 - Lines Down between Poles 14287 & Pole 14286 caused by rotten tree
F-6985-A	Tangahiri		Ruawai CB1032	8/18/2024	17:36:00	8/18/2024	18:33:00	0.07091	0.00124	80	4560	Unplanned	Defective Equipment	FP 385468 - Repair jumper load side of Links 3076
F-7003-A	Pyramul		Tikipunga CB6	8/19/2024	15:04:00	8/19/2024	19:52:00	0.64386	0.01760	1132	41402	Unplanned	Vegetation	FP 385527 - Removed tree from lines
F-7009-A	Waipū		Ruakaka CB2	8/20/2024	07:17:00	8/20/2024	07:32:17	0.07123	0.01547	995	4580	Unplanned	Unknown	Trip EFA & N. FPIUs Sw 545 activated. 15 Min Close on Swg 545 & BTN
F-7012-A	Waipū		Ruakaka CB2	8/20/2024	08:30:00	8/20/2024	10:52:00	0.43879	0.01547	995	28215	Unplanned	Unknown	Second trip of day. Trip EFA & N. Fault between Sw 545 & 5434. Patrolled & rethi
O-14920-A	Ararua		Mareretu CB2	8/20/2024	09:13:00	8/20/2024	13:58:00	0.11119	0.00039	25	7150	Planned	Planned Interruption	Replacement of LV X-Arms & reconductoring works below 11kV circuit
O-15004-A	Thelma Road		Mangawhai North CB4	8/20/2024	09:23:00	8/20/2024	13:47:00	0.50499	0.00191	123	32472	Planned	Planned Interruption	Remove bonded earth from crucifix at pole 312091, remove temp break at pole 31
F-7018-A	Ararua		Mareretu CB2	8/20/2024	13:23:00	8/20/2024	16:29:00	0.02099	0.00012	8	1350	Unplanned	Defective Equipment	385539 / Isolate via Temp Break at pole 48406 & Straighten poles and re sag low l
O-4612-B	Hokiangia Rd		Dargaville CB7	8/21/2024	08:14:34	8/21/2024	14:14:08	0.01118	0.00003	2	719	Planned	Planned Interruption	Safe Transport of a High Load House being maneuvered around lines.
O-15007-A	Te Kopuru		Dargaville CB2	8/21/2024	09:39:09	8/21/2024	13:35:24	0.20942	0.00089	57	13466	Unplanned	Planned Interruption	Replace Pole 13925
F-7027-A	Bickerstaff		Maungaturoto CB2	8/21/2024	14:15:00	8/21/2024	14:47:00	0.01145	0.00036	23	736	Unplanned	Defective Equipment	Replace binder - FP385600
F-7030-A	Otonga		Hikurangi CB1032	8/21/2024	18:45:49	8/22/2024	10:57:00	2.12270	0.02566	1650	136495	Unplanned	Defective Equipment	FP 385612. HV line down @ pole 57409. Delays due to comms issues & difficulty o
O-4552-B	Hatea Drive		Tikipunga CB3	8/22/2024	09:04:00	8/22/2024	16:06:00	0.48564	0.00115	74	31228	Planned	Planned Interruption	Installing New Transformer WC286.
O-15073-A	Tuririri		Dargaville CB9	8/22/2024	09:10:00	8/22/2024	15:09:00	0.11724	0.00033	21	7539	Planned	Planned Interruption	Network Maintenance Replace Pole & Crossarms
F-7045-A	Norfolk St		Alexander St CB1	8/22/2024	16:25:00	8/22/2024	21:43:00	0.36596	0.00115	74	23532	Unplanned	Defective Equipment	FP 385658blown HV fuse @ RMU Sw162
F-7048-A	Access Rd		Ruawai CB1022	8/22/2024	19:37:00	8/22/2024	19:58:00	0.00033	0.00002	1	21	Unplanned	Unknown	385660 / 1 x HV Fuse blown. Opened remaining fuse and reloaded. Closed. BTN No
F-7054-A	Whangarei Heads		Parua Bay CB3	8/23/2024	11:54:14	8/23/2024	12:09:25	0.08147	0.01238	796	5239	Unplanned	Unknown	N/A/Tripped A&B phase O/C - Unknown
F-7057-A	Waipū		Ruakaka CB2	8/24/2024	03:37:03	8/24/2024	07:01:11	0.68078	0.02499	1607	43776	Unplanned	Defective Equipment	385693 / Faulty Jumper at Tx RR104
O-4624-B	Titoki		Poroti CB1032	8/26/2024	10:24:00	8/26/2024	13:31:00	0.01163	0.00006	4	748	Planned	Planned Interruption	Refurbish Dsub P183 with the 11kV live overhead and straighten pole 50487
F-7078-A	Ruatangata		Kamo CB6	8/27/2024	06:47:45	8/27/2024	11:40:00	0.94247	0.01159	745	60603	Unplanned	Third Party Interference	FEN2 F4037448 / FP 385745 - Car Vs Pole - Replaced pole
O-4015-B	Austin Road		Maunu CB1072	8/27/2024	09:05:00	8/27/2024	18:55:00	0.57805	0.00098	63	37170	Planned	Planned Interruption	Replace SW/7746/7747/7748. Complete joints on existing H/V cables to connect t
O-4549-B	Hatea Drive		Tikipunga CB3	8/27/2024	09:08:00	8/27/2024	15:05:00	0.43541	0.00123	79	27998	Planned	Planned Interruption	Removing Tx WC 246, installing New Tx WC283
O-4633-B	Access Rd		Ruawai CB1022	8/28/2024	09:04:00	8/28/2024	14:13:00	0.51418	0.00166	107	33063	Planned	Planned Interruption	Replace Xarms and hardware & Redo HV connections
O-15010-A	Langs Beach		Mangawhai North CB3	8/28/2024	09:41:00	8/28/2024	15:14:00	0.39358	0.00118	76	25308	Planned	Planned Interruption	Replace pole 10598 and HV cable riser/crucifix
F-7081-A	Access Rd		Ruawai CB1022	8/28/2024	10:22:01	8/28/2024	10:38:19	0.08205	0.01207	776	5276	Unplanned	Unknown	FPIs at switches 2077 and 2156 activated. Note: Sw2077 was Closed & Sw2235 Op
F-7084-A	Marsden Bay		Bream Bay CB1107	8/28/2024	14:20:00	8/29/2024	03:51:04	4.19287	0.06543	4207	269612	Unplanned	Third Party Interference	F4038585 / FP 385804 - Car Vs Pole 13404 & Repair Crucifix at Pole 408734
O-4627-B	North River		Ruakaka CB7	8/29/2024	09:01:07	8/29/2024	14:14:13	0.46258	0.00148	95	29745	Planned	Planned Interruption	Replace poles 40994 and 40979, HV fuses and LA's at Dsub RB169 and HV and LV c
O-4600-B	King Road		Mangawhai North CB2	8/29/2024	09:04:00	8/29/2024	14:41:00	0.02096	0.00006	4	1348	Planned	Planned Interruption	Replace Tx like for like
O-4597-B	Maunu Road		Whangarei South CB1102	8/29/2024	09:07:00	8/29/2024	14:46:00	0.31632	0.00093	60	20340	Planned	Planned Interruption	Network Extension upgrade Tx from 200kVa to a 300kVa
F-7093-A	Hakaru		Kaiwaka CB1032	8/29/2024	15:14:00	8/29/2024	15:29:18	0.19726	0.01289	829	12684	Unplanned	Lightning	Tripped on earth fault, no reports called though after 15 min. Closed - BTN
F-7105-A	Dunns Rd		Ruawai CB1082	8/29/2024	15:30:00	8/29/2024	17:21:00	0.00345	0.00003	2	222	Unplanned	Lightning	385845 / 3 x HV fuses blown
F-7111-A	Fert. Works		Kioreroa CB6	8/29/2024	18:18:11	8/29/2024	23:32:00	0.24366	0.00173	111	15668	Unplanned	Wildlife	FP 385851 - Sectionised restoration, found lines down due to duck striking line
O-14935-A	Taipuha		Mareretu CB1	8/30/2024	09:00:00	8/30/2024	12:34:00	0.14976	0.00070	45	9630	Planned	Planned Interruption	Network Maintenance replace cross arms and connections
O-14926-A	Ararua		Mareretu CB2	8/30/2024	09:11:00	8/30/2024	14:25:00	0.12208	0.00039	25	7850	Planned	Planned Interruption	LV reconductoring works below 11kV circuit
F-7126-A	Ararua		Mareretu CB2	8/30/2024	11:23:00	8/30/2024	13:38:00	0.01680	0.00012	8	1080	Unplanned	Defective Equipment	FP 385841Low HV lines Btwn poles 48449 & 48450
F-7147-A	Te Kopuru		Dargaville CB2	8/31/2024	12:12:34	8/31/2024	17:09:00	0.62725	0.01467	943	40334	Unplanned	Third Party Interference	FP385885Car Vs pole 14472 - Event number F4040278
F-7150-A	Hakaru		Kaiwaka CB1032	8/31/2024	18:06:00	8/31/2024	18:57:00	0.03410	0.00067	43	2193	Unplanned	Lightning	FP 385887x HV fuse blown - Unknown (possible lightning). Replaced Fuse barrel
F-7159-A	Tangahiri		Ruawai CB1032	9/1/2024	01:43:00	9/1/2024	23:49:00	1.93986	0.03173	2041	124770	Unplanned	Lightning	FP385896 - Tx K335 replaced - LightningK324 blown fuse links barrel still stuck in.
F-7168-A	Wairea		Mareretu CB5	9/1/2024	02:02:00	9/1/2024	02:19:19	0.07198	0.00650	418	4630	Unplanned	Lightning	Trip EF - FPIs Sw 381 N & C.
F-7183-A	Bickerstaff		Maungaturoto CB2	9/1/2024	02:26:00	9/1/2024	02:47:50	0.24500	0.01206	776	15758	Unplanned	Lightning	EF Trip. Multiple reported of DDOs open on this feeder.
F-7234-A	Wairea		Mareretu CB5	9/1/2024	05:05:03	9/1/2024	08:19:00	0.03318	0.00017	11	2134	Unplanned	Lightning	FP - 385900 - Reloaded and closed HV Fuses
F-7204-A	Bickerstaff		Maungaturoto CB2	9/1/2024	05:44:05	9/1/2024	06:26:00	0.00456	0.00011	7	293	Unplanned	Lightning	FP 385902 - Reload and closed HV Fuses
F-7261-A	Access Rd		Ruawai CB1022	9/1/2024	05:55:38	9/1/2024	10:48:00	0.03183	0.00011	7	2047	Unplanned	Lightning	FP 385904 - 3x blown HV Fuses E384, Reloaded and Closed.
F-7228-A	Bickerstaff		Maungaturoto CB2	9/1/2024	08:07:00	9/1/2024	10:49:00	0.00504	0.00003	2	324	Unplanned	Lightning	FP385922 - Repair jumper D178
F-7276-A	Bickerstaff		Maungaturoto CB2	9/1/2024	08:28:30	9/1/2024	11:55:00	0.01284	0.00006	4	826	Unplanned	Lightning	FP 385926 - Reload and close HV Fuses.
F-7243-A	Dunns Rd		Ruawai CB1082	9/1/2024	08:58:23	9/1/2024	09:18:57	0.06385	0.00571	367	4107	Unplanned	Unknown	CB 1082 EF trip. FPIs Sw 2049 EF.
F-7297-A	Access Rd		Ruawai CB1022	9/1/2024	10:47:52	9/1/2024	13:29:00	0.01503	0.00009	6	967	Unplanned	Lightning	FP385944 - 3x HV fuses blown F104
F-7279-A	Ararua		Mareretu CB2	9/1/2024	12:04:00	9/1/2024	12:43:00	0.00485	0.00012	8	312	Unplanned	Lightning	FP 385901-HV fuse replaced E221, found also L3060 blown x1
F-7306-A	Kaiwaka South		Kaiwaka CB1072	9/1/2024	18:59:02	9/1/2024	19:14:29	0.12394	0.00802	516	7972	Unplanned	Unknown	Tripped O/C - UnknownSw 320 B&C phase activated
F-7312-A	Tangahiri		Ruawai CB1032	9/2/2024	09:06:21	9/2/2024	12:01:00	0.00815	0.00005	3	524	Unplanned	Lightning	FP 385969 - 3x blown HV fuses tx K316
O-4657-B	Tikipunga Hill		Tikipunga CB4	9/2/2024	09:11:00	9/2/2024	15:17:00	0.22193	0.00061	39	14274	Planned	Planned Interruption	Replace 150kva Tx T125 with

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach. Where multiple feeders are affected, the interruption record is to be split into multiple interruptions, ie, one interruption record per feeder. 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

Company Name
For Year Ended

Northpower
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O-15001-A	North River		Ruakaka CB7	9/6/2024	09:09:00	9/6/2024	14:34:00	0.00000	0.00000	0	0	Planned	Remove/decommission pole mount Tx RB232. Replace 11kv arm and fit new fuses
O-15130-A	Maungakaramea		Maungatapere CB3	9/6/2024	09:31:00	9/6/2024	13:26:00	0.02558	0.00011	7	1645	Planned	Network Extension upgrade transformer and hardware as per 1c plan
O-14998-A	Tuririri		Dargaville CB9	9/6/2024	09:39:00	9/6/2024	15:03:00	0.20150	0.00062	40	12960	Planned	Cut Trees around 11kv lines
F-7354-A	Titoki		Poroti CB1032	9/6/2024	18:12:00	9/6/2024	18:27:53	0.14971	0.01197	770	9629	Unknown	Tripp OC BC, High fault current measured on POR CB 3022 so left for 15min attempt
F-7360-A	Tangahiri		Ruawai CB1032	9/7/2024	14:00:17	9/7/2024	17:08:06	0.18248	0.00491	316	11737	Unplanned	Defective Equipment 386175 - Rusted Kingbolt, twisted crossarm. Replace Kingbolt and supporting brace
F-7366-A	North Dargaville		Dargaville CB1	9/8/2024	08:39:00	9/8/2024	09:53:00	0.03221	0.00044	28	2072	Unplanned	Unknown FP386179 - Blown Fuse 110099 - patrol line
O-4660-B	Charles St		Kamo CB2	9/8/2024	09:02:00	9/8/2024	14:20:00	0.16316	0.00051	33	10494	Planned	Remove/decommission existing transformer KR130. Replace pole 54212 with B11.
O-4570-B	Whau Valley		Tikipunga CB1	9/9/2024	09:16:00	9/9/2024	17:41:00	0.50250	0.00100	64	32320	Planned	Stage 1 Installation of new RMU 10130, 10131, 10132 & 10133.
O-4579-B	Whau Valley		Tikipunga CB1	9/10/2024	09:05:00	9/10/2024	15:13:00	0.56375	0.00155	100	36260	Planned	Stage 2 Connect Sw 10123 to Tx KK124, connect Sw 10131 to Tx KK125
O-15172-A	Tangahiri		Ruawai CB1032	9/10/2024	09:13:00	9/10/2024	13:37:00	0.17239	0.00065	42	11088	Planned	Replace Poles & Crossarms
O-15370-A	North River		Ruakaka CB7	9/10/2024	09:31:53	9/10/2024	11:25:25	0.40599	0.00358	230	26113	Planned	Replace defective cross arm on pole 39150
O-4573-B	Whau Valley		Tikipunga CB1	9/11/2024	09:14:00	9/11/2024	18:02:00	0.27911	0.00053	34	17952	Planned	Remove 11KV cable from Sw7358 (redundant RMU) connect to SW 10130. New
O-15019-A	Langs Beach		Mangawhai North CB3	9/11/2024	09:32:00	9/11/2024	13:32:00	0.03731	0.00016	10	2400	Planned	POSD RMU servicing
O-15148-A	Mangawhai Heads		Mangawhai North CB1	9/11/2024	09:38:00	9/11/2024	15:04:00	0.78055	0.00239	154	50204	Planned	Network Extension - Replace pole 906635. Install Temp SW on pole 14150 (closed)
F-7402-A	Tangawhine		Dargaville CB8	9/12/2024	18:47:03	9/12/2024	19:02:47	0.04638	0.00897	577	2983	Unplanned	Sw 2037 indicating fault
O-15361-A	Tikipunga Hill		Tikipunga CB4	9/13/2024	09:01:00	9/13/2024	15:11:00	1.37591	0.00373	240	88497	Planned	Planned interruption Liven new safe link 10187/10188/10189/10190.
F-7414-A	Three Mile Bush		Kamo CB3	9/13/2024	23:02:00	9/14/2024	01:00:00	0.21832	0.00185	119	14042	Unplanned	Defective Equipment FP 386332 - Replace faulty insulator
O-4681-B	Western Hills Dr		Alexander St CB7	9/15/2024	22:33:00	9/16/2024	02:12:00	0.01021	0.00005	3	657	Planned	Replacing Transformer WC282 & replacing pillar next to Burger King.
F-7426-A	One Tree Point		Ruakaka CB6	9/15/2024	23:02:00	9/16/2024	04:08:00	0.27087	0.00283	182	17422	Unplanned	Defective Equipment 386353 / Isolate to replace ODOs & Tx RO305 due to Oil leaking.
F-7429-A	Brynderwyn		Maungaturoto CB1	9/16/2024	07:51:14	9/16/2024	10:34:00	0.17845	0.00291	187	11478	Planned	FP386359Tractor clashed lines at quarry between poles 301379 & 300958 (damag
O-4672-B	ToeToe Rd		Kioreroa CB7	9/16/2024	09:03:01	9/16/2024	13:29:39	0.36066	0.00135	87	23197	Planned	Third Party Interference ARM & HARDWARE REPLACEMENTS
F-7405-A	Tuririri		Dargaville CB9	9/16/2024	09:55:00	9/16/2024	11:26:00	0.00566	0.00006	4	364	Unplanned	Other Cause FP38609Install line break to cut away future redundant line & Tx's
O-15721-A	Ararua		Mareretu CB2	9/16/2024	13:23:00	9/16/2024	14:37:00	0.00230	0.00003	2	148	Unplanned	Defective Equipment Broken binder found at Pole 48753FP386372
O-15187-A	Parauhi		Tikipunga CB6	9/17/2024	09:03:27	9/17/2024	12:17:57	0.39312	0.00202	130	25285	Planned	Network Extension upgrade from 15kVA to 50kVA transformer
O-4585-B	Onoke		Kamo CB8	9/17/2024	09:04:00	9/17/2024	10:25:00	0.06423	0.00079	51	4131	Planned	Network Extension Re configure Lightning arrestors and lv fusing on transformer KV163
O-15733-A	Taipuha		Mareretu CB1	9/17/2024	09:44:00	9/17/2024	09:46:00	0.00006	0.00003	2	4	Unplanned	Lightning FP386406 1 x blown HV link - removed other two to inspect LV fuse boxes, reload
F-7447-A	Otago		Hikurangi CB1032	9/17/2024	09:58:32	9/17/2024	10:40:13	0.38496	0.00924	594	24760	Unplanned	Defective Equipment 386410 - LV Lines down outside 1146 Whananaki North Rd,Copper Iso HV for safety
F-7450-A	2nd Ave		Alexander St CB3	9/17/2024	12:34:00	9/17/2024	15:07:00	0.53989	0.00462	297	34725	Unplanned	Third Party Interference FP386411 - Car v Pole
F-7456-A	Access Rd		Ruawai CB1022	9/17/2024	14:44:00	9/17/2024	21:07:00	0.55654	0.00518	333	35796	Unplanned	Vegetation FP386435HV lines down due to tree falling between poles 338259 & 338425 - High
F-7480-A	Bickerstaff		Maungaturoto CB2	9/17/2024	15:51:43	9/17/2024	18:35:00	0.00253	0.00002	1	163	Unplanned	Lightning FP386440HV fuses blown - Lightning
F-7510-A	Maungakaramea		Maungatapere CB3	9/17/2024	16:45:14	9/17/2024	20:27:00	0.02758	0.00012	8	1774	Unplanned	Lightning FP 386450 Found HV fuses blown x2 @ Links 875Interruption time Ref F-7477-A
F-7477-A	Maungakaramea		Maungatapere CB3	9/17/2024	16:45:14	9/17/2024	20:45:00	0.00746	0.00003	2	480	Unplanned	Lightning FP 386447Lightning in area. Thought Tx was faulty but found Links 875 blown after earthing down Tx R
F-7474-A	Bickerstaff		Maungaturoto CB2	9/17/2024	17:42:00	9/17/2024	17:48:00	0.00019	0.00003	2	12	Unplanned	Lightning FP3864382x HV fuses blown - replaced back to normal
F-7489-A	Paparoa		Mareretu CB6	9/17/2024	18:47:24	9/17/2024	19:04:13	0.15844	0.00942	606	10191	Unplanned	Lightning Tripped O/C A&B phase - Lightning in the area
F-7507-A	Mata		Ruakaka CB3	9/18/2024	00:30:00	9/18/2024	01:59:00	0.57701	0.00648	417	37113	Unplanned	Defective Equipment FP386468Blown HV jumper at pole 416735 towards pole 47073
O-15103-A	Langs Beach		Mangawhai North CB3	9/18/2024	09:07:00	9/18/2024	14:51:00	0.12836	0.00037	24	8256	Planned	Upgrade conductor between pole 10705 and pole 10720
F-7537-A	Whau Valley		Tikipunga CB1	9/18/2024	12:31:23	9/18/2024	16:37:00	0.19839	0.01987	1278	124032	Planned	Third Party Interference F4051510 / FP386506 - Car Vs Pole
F-7555-A	Hakaru		Kiawaka CB1032	9/18/2024	19:31:48	9/18/2024	23:28:44	0.71856	0.01290	830	46217	Unplanned	Defective Equipment FP386520Blender broken and conductor come off onto Xarm at pole 45906
F-7558-A	Whangarei Heads		Parua Bay CB3	9/18/2024	23:23:14	9/18/2024	23:38:20	0.12794	0.01241	798	8229	Unplanned	Unknown O/C A&B phase - Unknown (F4)
O-4687-B	ToeToe Rd		Kioreroa CB7	9/19/2024	09:02:18	9/19/2024	13:35:54	0.36583	0.00134	86	23530	Planned	ARM & HARDWARE REPLACEMENTS
F-7570-A	North River		Ruakaka CB7	9/19/2024	22:31:19	9/19/2024	22:46:57	0.15645	0.01755	1129	10063	Unplanned	Unknown A B Phase OC. No FPIs on remote switches.
F-7588-A	Tangawhine		Dargaville CB8	9/21/2024	05:50:33	9/21/2024	06:05:16	0.09398	0.00903	581	6045	Unplanned	Unknown B & C Phase OC - No FPIs
F-7597-A	Marsden Bay		Bream Bay CB1107	9/21/2024	15:30:00	9/21/2024	16:35:00	0.51047	0.02556	1644	32833	Unplanned	Unknown 386610 / A B & C phase overcurrent. No fault found during patrol. All BTN
F-7603-A	Springs Flat		Kamo CB1	9/22/2024	15:12:00	9/22/2024	15:26:20	0.20995	0.01608	1034	13504	Unplanned	Unknown Trip & 15 min close. A B & C Overcurrent
O-15289-A	Tangawhine		Dargaville CB8	9/23/2024	09:12:00	9/23/2024	13:44:00	0.10572	0.00039	25	6800	Planned	Network Extension - Replace pole 324039 & liven 11KV up to links 10204 (Links to
O-4666-B	Montgomery Ave		Onerahi CB8	9/24/2024	05:13:00	9/24/2024	06:48:00	0.12407	0.00131	84	7980	Planned	Planned interruption isolate 11KV so we can remove 11KV from stand offs on pole 300838. In preparatio
O-4621-B	Kokopu		Poroti CB1022	9/24/2024	09:02:00	9/24/2024	13:00:00	0.36633	0.00154	99	23562	Planned	Planned interruption HV & LV cross arm replacement, LV pole replacement and redo connections
O-15637-A	Marsden Bay		Bream Bay CB1107	9/24/2024	09:03:00	9/24/2024	14:17:00	0.74693	0.00238	153	48042	Planned	Planned interruption Straighten double pole due to leaning towards the road (Rework)Re terminate LV t
O-15385-A	King Road		Mangawhai North CB2	9/24/2024	09:04:24	9/24/2024	13:28:36	0.57918	0.00219	141	37252	Planned	Network Extension - Replace pole 32480 and install 3 phase 100KVA transformer
O-15442-A	Brynderwyn		Maungaturoto CB1	9/25/2024	09:05:00	9/25/2024	15:26:00	0.27249	0.00072	46	17526	Planned	Planned interruption Network Maintenance - Replace HV & LV crossarms, straighten poles, redo HV con
F-7633-A	Te Kopuru		Dargaville CB2	9/26/2024	08:36:17	9/26/2024	08:51:49	0.03486	0.00305	196	2242	Unplanned	Unknown Relieved
O-4684-B	Taipuha		Mareretu CB1	9/26/2024	09:02:07	9/26/2024	14:40:00	0.26540	0.00079	51	17070	Planned	Planned interruption Replace HV and LV poles and cross arms, Remove Tx 8208
O-15256-A	Titoki		Poroti CB1032	9/27/2024	09:03:00	9/27/2024	12:38:00	0.03343	0.00016	10	2150	Planned	Planned interruption Clear trees around 11kv from Pole 50186 to the end of line
O-14977-A	Taipuha		Mareretu CB1	9/27/2024	09:06:00	9/27/2024	10:51:00	0.00163	0.00002	1	105	Planned	Planned interruption Replace poles and crossarms
O-15055-A	Whangarei Heads		Parua Bay CB3	9/27/2024	09:11:00	9/27/2024	15:04:00	0.38967	0.00110	71	25063	Planned	Planned interruption Replace pole 24431 with a B11. Remove and decommission existing Tx PO297. Co
O-15259-A	Titoki		Poroti CB1032	9/27/2024	09:34:00	9/27/2024	13:31:00	0.14739	0.00062	40	9480	Planned	Planned interruption Clear trees around network lines from pole Pole #50440 towards Pole #50426
F-7642-A	MTON - MTO POS		Maungaturoto POS CB1262	9/27/2024	13:03:16	9/27/2024	15:46:35	0.01015	0.00006	4	653	Unplanned	Defective Equipment 386790 - Repaired Arm brace (nut off Xarm)
F-7651-A	Tangahiri		Ruawai CB1032	9/28/2024	18:34:07	9/28/2024	22:49:00	0.18225	0.00241	155	11722	Unplanned	Defective Equipment FP 386820 - Lines down in bull paddock. HV isolated remotely for safety. LV lines n
O-4630-B	Norfolk St		Alexander St CB1	9/29/2024	08:38:00	9/29/2024	15:50:00	0.15448	0.00036	23	9936	Planned	Planned interruption Replace Transformer WC231 & concrete foundation
O-14971-A	Titoki		Poroti CB1032	9/30/2024	09:34:00	9/30/2024	10:50:00	0.04017	0.00053	34	2584	Planned	Planned interruption Clear trees around 11kv line from pole #346764
O-15388-A	Ruawai Town		Ruawai CB1072	10/1/2024	09:08:00	10/1/2024	14:03:00	0.28416	0.00096	62	18290	Planned	Planned interruption replace poles, hardware and transformers like for like between pole 23342 to 233
O-4546-B	Waipu		Ruakaka CB2	10/2/2024	09:35:00	10/2/2024	11:41:00	0.12528	0.00099	64	8064	Planned	Planned interruption Straighten D/Sub RR279.
O-15208-A	Wairere		Mareretu CB5	10/2/2024	09:37:00	10/2/2024	12:59:00	0.33580	0.00166	107	21614	Planned	Planned interruption Straighten pole #28285 and replace 11kv cross arms,Retention 11kv from Pole #28284 to pole #28285
F-7663-A	Paparoa		Mareretu CB6	10/2/2024	20:57:00	10/3/2024	03:51:14	0.27188	0.01861	1198	179057	Unplanned	Vegetation 386935 / Trees on lines causing feeder to trip. Long outage time due to no MTO ba
O-15652-A	MTON - MTO POS		Maungaturoto POS CB1262	10/3/2024	09:04:00	10/3/2024	12:46:00	0.27457	0.00124	80	17673	Planned	Planned interruption 33KV Height mitigation between poles 23157 and pole 23114
O-15430-A	Whau Valley		Tikipunga CB1	10/3/2024	09:09:00	10/3/2024	14:59:00	0.00544	0.00002	1	350	Planned	Planned interruption Replace ground mount D-sub WC109 with 500kva. Install new transformer base.
O-15544-A	Fraser		Kioreroa CB5	10/3/2024	21:02:29	10/3/2024	23:24:44	0.17017	0.00120	77	10953	Planned	Planned interruption High load transport from 245 Port Road to 211 Port Road Whangarei
O-15505-A	Pataua		Parua Bay CB1	10/4/2024	09:01:08	10/4/2024	13:58:45	0.47163	0.00158	102	30357	Planned	Planned interruption Remove 19825 install new Tx OO561, L10214 & L10215
O-15304-A	Bickerstaff		Maungaturoto CB2	10/4/2024	09:03:00	10/4/2024	13:30:00	0.23645	0.00089	57	15219	Planned	Planned interruption Remove TX D350 and install new pad mount TX and label D447
O-15565-A	Walton St		Whangarei South CB1022	10/4/2024	09:10:00	10/4/2024	14:56:00	0.54218	0.00160	34	34898	Planned	Planned interruption Network Maintenance - LV ARM & HAREWARE REPLACEMENTS
O-15283-A	Te Kopuru		Dargaville CB2	10/4/2024	10:01:20	10/4/2024	12:40:58	0.43898	0.00275	177	28255	Planned	Planned interruption Replace Sw 2153
F-7678-A	North River		Ruakaka CB7	10/5/2024	08:49:21	10/5/2024	17:50:00	0.46676	0.00421	271	30043	Unplanned	Third Party Interference 38700

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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O-15622-A	Tiroki			Poroti CB1032		10/7/2024	09:56:58	10/7/2024	13:25:50	0.42186	0.00202	130	27153	Planned	Install new 50 kVA tx W545
O-15364-A	Mangawhai Heads			Mangawhai North CB1		10/8/2024	09:05:09	10/8/2024	13:19:55	0.70059	0.00275	177	45094	Planned	Replace HV & LV crossarms and LV poles and earthing upgrade at MC252
O-15328-A	Ruawai Town			Ruawai CB1072		10/8/2024	09:11:44	10/8/2024	15:15:34	0.30524	0.00084	54	19647	Planned	Network Maintenance - replace TX F207 like for like and hardware. Redo connections
F-7711-A	Treatment			Kioreros CB2		10/9/2024	02:57:24	10/9/2024	05:08:00	0.41028	0.00350	225	26408	Unplanned	Unknown
O-15556-A	Kokopu			Poroti CB1022		10/9/2024	09:01:00	10/9/2024	14:27:00	0.26844	0.00082	53	12728	Planned	Network Maintenance - POLE, ARM & HARDWARE REPLACEMENTS BETWEEN POLES
O-15769-A	Kaiwaka South			Kaiwaka CB1072		10/9/2024	09:45:00	10/9/2024	15:22:00	0.30367	0.00090	58	19546	Planned	Upgrade Dsub C452 from 15 to 100kVA pole mount type. Replace 11kV strain insul
F-7720-A	Access Rd			Ruawai CB1022		10/9/2024	15:24:00	10/9/2024	15:50:00	0.00162	0.00006	4	104	Unplanned	Unknown
O-15811-A	Union East			Kioreros CB1		10/10/2024	05:39:00	10/10/2024	07:17:00	0.01066	0.00011	7	686	Planned	Maintenance on ZD210
O-15307-A	Ruawai Town			Ruawai CB1072		10/10/2024	09:10:00	10/10/2024	13:34:00	0.38555	0.00146	94	24816	Planned	Network Maintenance - Replace HV & LV crossarms
O-16003-A	Kiripaka Rd			Tikipunga CB8		10/10/2024	09:12:00	10/10/2024	16:10:00	0.57798	0.00138	89	37202	Planned	Overlay existing 11kV underground cable due to storm water replacement
O-15358-A	Kokopu			Poroti CB1022		10/11/2024	09:00:00	10/11/2024	13:28:00	0.17127	0.00082	53	11024	Planned	CONDUCTOR, ARM & HARDWARE REPLACEMENTS
F-7732-A	Parua Bay			Parua Bay CB2		10/12/2024	01:11:00	10/12/2024	01:51:00	0.03294	0.00082	53	2120	Unplanned	Third Party Interference
F-7735-A	Tutukaka Block			Ngunguru CB1082		10/12/2024	13:52:26	10/12/2024	14:08:33	0.05779	0.01025	660	3720	Unplanned	Unknown
F-7738-A	Te Kopuru			Dargaville CB2		10/13/2024	07:31:55	10/13/2024	07:48:18	0.20499	0.01470	946	13194	Unplanned	Unknown
O-15481-A	Tangowahine			Dargaville CB8		10/14/2024	09:36:00	10/14/2024	10:57:00	0.06921	0.00085	55	4455	Planned	Replace 11kV Arms and connections at pole #37079
O-15631-A	North River			Ruakaka CB7		10/15/2024	09:01:00	10/15/2024	14:14:00	0.55923	0.00179	115	35995	Planned	Pole, arm and hardware replacements
O-15320-A	Ruawai Town			Ruawai CB1072		10/15/2024	09:06:00	10/15/2024	14:15:00	0.26404	0.00085	55	16995	Planned	Network Maintenance - replace TX F203 like for like and pole hardware. Replace LV
O-15013-A	Mangawhai Heads			Mangawhai North CB1		10/15/2024	09:39:00	10/15/2024	14:24:00	1.05383	0.00370	238	67830	Planned	POSD RMU service
F-7747-A	Access Rd			Ruawai CB1022		10/15/2024	17:54:00	10/15/2024	19:16:00	0.01274	0.00016	10	820	Unplanned	Defective Equipment
O-976-C	Ararua			Mareretu CB2		10/16/2024	09:21:00	10/16/2024	14:40:00	0.25590	0.00081	52	16471	Planned	Network Extension - Re-route 11kV Double circuit conductors on new poles.Remove
O-15742-A	Kaitake			Ngunguru CB1072		10/17/2024	09:08:00	10/17/2024	15:09:00	0.16826	0.00047	30	10830	Planned	Network Extension re-locate poles and install new 30kVA tx NP308
O-15355-A	Jordan Valley			Hikurangi CB1102		10/17/2024	11:04:00	10/17/2024	13:25:00	0.10953	0.00078	50	7050	Planned	Replace Pole #35782 with B11
O-15922-A	Hakaru			Kaiwaka CB1032		10/17/2024	11:31:00	10/17/2024	13:22:00	0.33041	0.00648	417	21267	Planned	Improvements in Supply Quality,installing New switch 10174 on pole 411926
F-7813-A	Fert. Works			Kioreros CB6		10/18/2024	09:07:00	10/18/2024	09:54:00	0.00730	0.00016	10	470	Unplanned	Defective Equipment
F-7816-A	Whakapara			Hikurangi CB1112		10/20/2024	06:14:35	10/20/2024	10:49:00	0.57169	0.00673	433	36797	Unplanned	Defective Equipment
O-15970-A	Maunu Road			Whangarei South CB1102		10/20/2024	09:05:00	10/20/2024	15:45:00	0.37909	0.00095	61	24400	Planned	OHUG TX CONVERSION. INSTALL NEW GM Tx's WC469, WC470 & REMOVE EXISTING
F-7819-A	Kaka St			Whangarei South CB1032		10/20/2024	13:32:00	10/20/2024	14:08:00	0.19745	0.00578	372	12709	Unplanned	Vegetation
O-16090-A	Brindleydown			Maungaturoto CB1		10/22/2024	09:02:00	10/22/2024	15:26:00	0.04176	0.00011	7	2688	Planned	Network Maintenance - relocate TX out of drain area
O-16009-A	Taipuha			Mareretu CB1		10/22/2024	09:10:00	10/22/2024	12:48:00	0.00339	0.00002	1	218	Planned	Replace poles 34238 and 34239.
O-15784-A	Onoke			Kamo CB8		10/22/2024	09:16:00	10/22/2024	12:53:00	0.06743	0.00031	20	4340	Planned	Upgrade pole mount TX Kv122 from a 50kva to a 75kva. Upgrade HT jumpers to 35
O-15334-A	Ruawai Town			Ruawai CB1072		10/22/2024	09:17:00	10/22/2024	15:06:00	0.32533	0.00093	60	20940	Planned	Replace pole, replace crossarms, straighten poles and upgrade F201 to 50kVA
O-15748-A	Taipuha			Mareretu CB1		10/23/2024	09:01:00	10/23/2024	12:55:00	0.14906	0.00064	41	9594	Planned	Replace HV cross arms and pole 33695
O-15712-A	Paranui			Tikipunga CB6		10/23/2024	09:03:11	10/23/2024	12:12:23	0.38213	0.00202	130	24596	Planned	Clear trees around 11kV lines from pole #51360 to the end of line
O-15349-A	Te Kopuru			Dargaville CB2		10/23/2024	09:04:00	10/23/2024	16:58:00	0.42712	0.00090	58	27492	Planned	Network Maintenance - pole replacement & replacing LV conductor under 11kV tr
O-16099-A	Thelma Road			Mangawhai North CB4		10/23/2024	09:09:00	10/23/2024	13:15:00	0.06879	0.00028	18	4428	Planned	Level transformer
F-7831-A	Ararua			Mareretu CB2		10/23/2024	14:56:00	10/23/2024	16:52:00	0.01802	0.00016	10	1160	Unplanned	Defective Equipment
O-16174-A	Fert. Works			Kioreros CB6		10/23/2024	15:55:00	10/23/2024	17:01:00	0.00205	0.00003	2	132	Planned	Network Maintenance Cleaning TX room & install fire detector
F-7834-A	Paparoa			Mareretu CB6		10/23/2024	20:07:00	10/23/2024	21:31:08	0.31484	0.00918	591	20265	Unplanned	Unknown
O-15871-A	Titoki			Poroti CB1032		10/24/2024	09:02:00	10/24/2024	13:37:00	0.17090	0.00062	40	11000	Planned	Network interruption
O-16051-A	King Road			Mangawhai North CB2		10/24/2024	21:32:28	10/25/2024	03:07:39	4.23890	0.01265	814	272839	Planned	Replace Transformer MC287 like for like. Replace HV and LV hardware & straighten
O-15874-A	Tangowahine			Dargaville CB8		10/25/2024	09:35:00	10/25/2024	15:20:00	0.19296	0.00056	36	12420	Planned	POLE & HARDWARE REPLACEMENTS
F-7843-A	Dunns Rd			Ruawai CB1082		10/26/2024	05:01:42	10/26/2024	09:42:00	0.31517	0.00564	363	20286	Unplanned	Third Party Interference
O-16258-A	Kaiwaka Town			Kaiwaka CB1062		10/29/2024	09:33:00	10/29/2024	12:01:00	0.08968	0.00061	39	5772	Planned	Clear trees around lines from pole #49334 to the end of line
O-16168-A	Waikare			Mareretu CB5		10/29/2024	09:41:00	10/29/2024	13:25:00	0.01740	0.00008	5	1120	Planned	Transformer Upgrade (15 to 50kVA for existing pump as it has been changed from
O-15907-A	Hakaru			Kaiwaka CB1032		10/30/2024	09:03:00	10/30/2024	12:09:00	0.44390	0.00253	163	28572	Planned	Installing New Switch 10184 on Pole 47137.Removing Fuses 422 on Pole 334460.R
O-16012-A	Tangowahine			Dargaville CB8		10/30/2024	09:12:00	10/30/2024	15:06:00	0.20349	0.00057	37	13098	Planned	Network Maintenance - HV ARM REPLACEMENTS FROM POLES 37867 & 37863 TO
F-7867-A	Ararua			Mareretu CB2		10/30/2024	10:23:00	10/30/2024	11:44:00	0.00881	0.00011	7	567	Unplanned	Other Cause
O-15859-A	Waipu			Ruakaka CB2		10/30/2024	10:33:22	10/30/2024	14:02:23	0.55205	0.00264	170	35533	Planned	Replacing 11kv pole 10509 & Fuses 546 with new switch 10182.
O-15910-A	Hakaru			Kaiwaka CB1032		10/31/2024	09:02:00	10/31/2024	12:22:00	0.39259	0.00221	142	25269	Planned	Removing Fuses 367 (pole 47073)Installing New Switch 10185 (pole 47073) in the open position
O-16015-A	North Dargaville			Dargaville CB1		10/31/2024	09:04:00	10/31/2024	13:14:00	0.04272	0.00017	11	2750	Planned	Clear trees around 11kV lines from pole #27079 to pole #27081
O-16246-A	Mains Ave			Tikipunga CB2		10/31/2024	09:06:00	10/31/2024	12:03:00	0.73973	0.00418	269	47613	Planned	Network Extension install new 11kV cable and transformer WC474
O-15976-A	Marsden Pt			Ruakaka CB1		10/31/2024	09:18:00	10/31/2024	12:49:00	0.44911	0.00213	137	28907	Planned	Repair Leaking bushing tx RP377
O-16156-A	Kaiwaka Town			Kaiwaka CB1062		10/31/2024	09:32:00	10/31/2024	11:30:00	0.01100	0.00009	6	708	Planned	Replace like for like 30kVA TX - C351
F-7870-A	Tangahai			Ruawai CB1032		10/31/2024	19:16:00	10/31/2024	19:34:00	0.00224	0.00012	8	144	Unplanned	Vegetation
F-7873-A	Tuririri			Dargaville CB9		10/31/2024	19:20:39	10/31/2024	19:35:30	0.03858	0.00777	500	2483	Unplanned	Unknown
F-7876-A	Marsden Bay			Bream Bay CB1107		11/1/2024	01:04:00	11/1/2024	02:47:00	0.03999	0.00039	25	2575	Unplanned	Wildlife
O-16348-A	Paranui			Tikipunga CB6		11/1/2024	09:10:00	11/1/2024	11:35:00	0.00225	0.00002	1	145	Planned	Planned interruption
F-7885-A	Paranui			Tikipunga CB6		11/1/2024	19:47:00	11/2/2024	01:55:00	0.01143	0.00003	2	736	Unplanned	Defective Equipment
F-7888-A	Jordan Valley			Hikurangi CB1102		11/2/2024	08:53:56	11/2/2024	12:29:25	0.42489	0.01478	952	27360	Unplanned	Defective Equipment
O-16135-A	2nd Ave			Alexander St CB3		11/3/2024	08:34:00	11/3/2024	21:29:00	1.06178	0.00205	132	68371	Planned	Replace RMU with safealink. Outage on HV ended at 2129pm but customers were g
F-7891-A	Tangahai			Ruawai CB1032		11/3/2024	22:14:35	11/3/2024	23:41:24	0.17662	0.00203	131	11373	Planned	Defective Equipment
O-15400-A	Tangowahine			Dargaville CB8		11/4/2024	09:13:00	11/4/2024	15:32:00	0.06474	0.00017	11	4169	Planned	Install links 10200, Pole changes & associated works
O-16189-A	Langs Beach			Mangawhai North CB3		11/4/2024	09:19:00	11/4/2024	13:18:00	0.18187	0.00076	49	11711	Planned	Network Maintenance - level transformers MC499 and MCS00
O-16018-A	Tangahai			Ruawai CB1032		11/4/2024	09:32:13	11/4/2024	14:27:55	0.28012	0.00095	61	18038	Planned	Clear trees around 11kV line from pole #19189 to pole #331282
F-7897-A	Waipu			Ruakaka CB2		11/4/2024	20:27:00	11/4/2024	23:05:00	0.29444	0.00186	120	18960	Unplanned	Defective Equipment
O-16363-A	Swamp North			Hikurangi CB1042		11/5/2024	09:02:24	11/5/2024	11:11:51	0.30155	0.00233	150	19418	Planned	Upgrade tx from 30kVA to 50kVA & Replace LAs
O-16192-A	Langs Beach			Mangawhai North CB3		11/5/2024	09:25:00	11/5/2024	11:14:00	0.09818	0.00090	58	6322	Planned	Network Maintenance - Level Transformer
O-15937-A	Hokianga Rd			Dargaville CB7		11/5/2024	09:26:00	11/5/2024	15:23:00	0.27720	0.00078	50	17850	Planned	Dismantle pothead and x-arm at pole 54006. Replace 11kV riser from base of pole
O-15790-A	Tangowahine			Dargaville CB8		11/6/2024	09:09:00	11/6/2024	13:36:00	0.02902	0.00011	7	1869	Planned	Network Maintenance - Pole & x-arm changes
O-15403-A	Hokianga Rd			Dargaville CB7		11/6/2024	09:15:00	11/6/2024	14:25:00	0.02407	0.00008	5	1550	Planned	Planned interruption
O-16138-A	North Kaiwaka			Kaiwaka CB1022		11/7/2024	09:03:00	11/7/2024	14:34:00	0.41122	0.00124	80	26480	Planned	Re-route HV line, connect & live n 2x new 50kVA Tx C546 & C547

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach. Where multiple feeders are affected, the interruption record is to be split into multiple interruptions, ie, one interruption record per feeder. 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.

Company Name
For Year Ended

Northpower
31 March 2025

sch ref

F-7963-A	Jordan Valley		Hikurangi CB1102		11/11/2024	09:40:00	11/11/2024	12:58:47	0.24138	0.00739		476	15543	Unplanned	Defective Equipment	FP388016EF - HV jumper touching polly at pole 35013
F-7966-A	Treatment		Kioreros CB2		11/11/2024	10:43:00	11/11/2024	11:07:52	0.08689	0.00349		225	5595	Unplanned	Third Party Interference	FP388023Truck contacted HV lines between pole 304036 & 65238 - Faultman checked
O-16216-A	Springs Flat		Kamo CB1		11/12/2024	09:00:48	11/12/2024	13:30:42	0.40237	0.00149		96	25910	Planned	Planned Interruption	Network Maintenance - HV/LV ARM & HARDWARE REPLACEMENTS
O-4738-B	Kaiwaka Town		Kaiwaka CB1062		11/12/2024	09:24:05	11/12/2024	13:35:04	1.62933	0.00649		418	10491	Planned	Planned Interruption	Network Extension - Install new pole and S0kva 3 phase TX labelled CS48 between
F-7972-A	Bickerstaff		Maungaturoto CB2		11/12/2024	17:50:38	11/12/2024	22:15:00	0.31452	0.01205		776	20253	Unplanned	Defective Equipment	FP388076feeder tripped E/F - Customer reported blown @ Tx D180
O-16675-A	Okara Drive		Whangarei South CB1092		11/13/2024	00:17:00	11/13/2024	03:23:00	0.76527	0.00424		273	49278	Unplanned	Defective Equipment	FP388077sw 253 oil leak - low oil - oil top up & repair works
O-15058-A	Access Rd		Ruawai CB1022		11/13/2024	09:01:17	11/13/2024	14:08:00	0.56206	0.00183		118	36193	Planned	Planned Interruption	Replace HV and LV cross arms
O-4840-B	Marsden South		Bream Bay CB1111		11/13/2024	12:25:00	11/13/2024	16:10:00	0.00349	0.00002		1	225	Planned	Planned Interruption	Network Maintenance - Leaking bushing & insulation work
O-16390-A	Swamp North		Hikurangi CB1042		11/14/2024	09:06:00	11/14/2024	14:50:00	0.28314	0.00082		53	18232	Planned	Planned Interruption	Network Maintenance - HV HARDWARE AND WIRE REPLACEMENT
O-16480-A	Ararus		Mareretu CB2		11/14/2024	09:08:00	11/14/2024	15:48:00	1.27343	0.00318		205	82000	Planned	Planned Interruption	Replace Poles 48964, 48027, 48028Ran 40min over due to work taking longer than anticipated
O-16417-A	ToeToe Rd		Kioreros CB7		11/15/2024	09:02:00	11/15/2024	13:32:00	0.15933	0.00059		38	10260	Planned	Planned Interruption	Network Extension - install new pole and HV links, ready for further works.
O-16273-A	Tangowahine		Dargaville CB8		11/15/2024	09:31:31	11/15/2024	11:32:08	0.06931	0.00057		37	4463	Planned	Planned Interruption	Replace guy wire pole beneath 11kv line from Pole #37324 to Pole #36856
F-8023-A	Puawera		Maungatapere CB7		11/17/2024	08:02:00	11/17/2024	11:09:00	0.05165	0.00059		38	3326	Unplanned	Defective Equipment	388165 / broken DDO at Tx X348 requiring replacement. All 3 replaced.
F-8029-A	Maungakaramaea		Maungatapere CB3		11/17/2024	12:32:00	11/17/2024	17:14:00	0.34644	0.00207		133	22308	Unplanned	Vegetation	Fault Trip B & C Phase. Found tree on lines at pole 53736 causing damage to two conductors
F-8347-A	Parahi		Tikipunga CB6		11/18/2024	07:52:06	12/28/2024	15:09:00	0.92967	0.01132		1454	60468	Unplanned	Defective Equipment	389137/ Broken Xarm
F-8044-A	Maungatapere - Dairy Factory		Maungatapere CB6		11/19/2024	09:17:39	11/19/2024	09:33:53	0.07232	0.00458		295	4657	Unplanned	Unknown	Tripped O/C A&B phase - Unknown cause
F-8053-A	Titoki		Poroti CB1032		11/19/2024	14:57:28	11/19/2024	15:00:49	0.01348	0.00402		259	868	Unplanned	Third Party Interference	FP388232Foil balloon caught in overhead lines mid-span
F-8056-A	Parua		Parua Bay CB1		11/20/2024	03:12:00	11/20/2024	03:28:42	1.18056	0.01474		949	11627	Unplanned	Unknown	Trip Overcurrent A & B. Closed in BTN
O-4720-B	Springs Flat		Kamo CB1		11/20/2024	09:06:44	11/20/2024	14:26:43	0.97894	0.00306		197	63037	Planned	Planned Interruption	Network Maintenance REPLACE HV POLES, ARMS & HARDWARE. UPGRADE OH LV
O-4789-B	Ararus		Mareretu CB2		11/20/2024	09:55:00	11/20/2024	16:17:00	0.56686	0.00157		101	36502	Planned	Planned Interruption	Network Maintenance - Replace poles, crossarms & structures at various locations
F-8059-A	Kaiwaka Town		Kaiwaka CB1062		11/20/2024	11:49:41	11/20/2024	12:15:48	0.16954	0.00649		418	10917	Unplanned	Unknown	F-8059-A. Int. fault. FPIs indicating between Sw 332 & 333 - relocated. RCB returned (
O-4780-B	Hakaru		Kaiwaka CB1032		11/21/2024	09:04:00	11/21/2024	12:10:00	0.00867	0.00005		3	558	Planned	Planned Interruption	Network Maintenance - replace pole 11985
O-15178-A	Turiwiri		Dargaville CB9		11/21/2024	09:26:58	11/21/2024	14:41:37	0.25410	0.00081		52	16362	Planned	Planned Interruption	Replace HV and LV cross arms
O-4717-B	ToeToe Rd		Kioreros CB7		11/22/2024	09:04:00	11/22/2024	14:08:00	0.05665	0.00019		12	3648	Planned	Planned Interruption	Connect new 11kV cable up new pole and onto HV links 10217 - 0209 isolated for
O-4735-B	Puawera		Maungatapere CB7		11/22/2024	09:04:00	11/22/2024	14:27:00	0.75432	0.00234		151	48573	Planned	Planned Interruption	Maungatapere CB7 :92 MAUNGAKARAMAEA RD - Network Maintenance
O-4834-B	North River		Ruakaka CB7		11/22/2024	09:07:00	11/22/2024	14:59:00	0.15853	0.00045		29	10208	Planned	Planned Interruption	Network Maintenance - replace TX RB144 like for like and replace pole hardware
F-8098-A	Bickerstaff		Maungaturoto CB2		11/22/2024	13:51:00	11/22/2024	15:46:00	0.03572	0.00031		20	2300	Unplanned	Defective Equipment	388335 - broken binder pole 333289
O-16207-A	Kaka St		Whangarei South CB1032		11/24/2024	08:31:00	11/24/2024	18:27:00	0.12958	0.00022		14	8344	Planned	Planned Interruption	Replace Total Sub WC219 (RMU & Tx Unit)
O-4768-B	Brynderwyn		Maungaturoto CB1		11/24/2024	09:01:00	11/24/2024	11:46:00	0.10762	0.00065		42	6930	Planned	Planned Interruption	Network Maintenance - REPLACE CONDUCTOR BETWEEN POLES 909852 TO POLE 909853
F-8104-A	Titoki		Poroti CB1032		11/24/2024	12:36:09	11/24/2024	14:02:00	0.00267	0.00003		2	172	Unplanned	Wildlife	388363 / 3 x HV fuses blown due to possum. BTN
O-4750-B	Marsden Bay		Bream Bay CB1107		11/25/2024	09:42:00	11/25/2024	13:55:00	0.01572	0.00006		4	1012	Planned	Planned Interruption	Tx STRUCTURE REFURBISHMENT, REPLANT OFF FACE POLE
F-8110-A	Thelma Road		Mangawhai North CB4		11/25/2024	10:14:25	11/25/2024	11:50:00	0.50168	0.01693		1090	32305	Unplanned	Third Party Interference	338379 - cable struck by fencing worker
O-4816-B	Onoke		Kamo CB8		11/26/2024	09:04:00	11/26/2024	14:22:00	0.01975	0.00006		4	1272	Planned	Planned Interruption	Vegetation clearing 11kv lines from Issuer earths at pole #52755 to the end of line
O-15760-A	Taipuha		Mareretu CB1		11/26/2024	09:05:00	11/26/2024	09:29:00	0.02162	0.00090		58	1392	Planned	Planned Interruption	Replace HV & LV cross arms. Remove redundant LV circuit. *Job abandoned soon after starting due to no
O-4831-B	Dums Rd		Ruawai CB1082		11/26/2024	09:08:00	11/26/2024	12:21:00	0.11090	0.00057		37	7141	Planned	Planned Interruption	Network Maintenance - install dampers and rebid HV
O-15850-A	Titoki		Poroti CB1032		11/27/2024	09:02:00	11/27/2024	12:39:00	0.02022	0.00009		6	1302	Planned	Planned Interruption	Replace poles, establish new Tx's P503 on pole 50446 & Disestablish T P190 from
O-4792-B	Ararus		Mareretu CB2		11/27/2024	09:04:00	11/27/2024	12:45:00	0.34664	0.00157		101	22321	Planned	Planned Interruption	Network Renewal - Re-conductor 11kV lines from H Structure Pole 48027 - 48028 to
F-8116-A	Waikare		Mareretu CB5		11/28/2024	06:37:00	11/28/2024	13:31:00	0.72758	0.00705		454	46851	Unplanned	Defective Equipment	FP388484 - Unable to bld Sw381 remotely [Sw 6202 still manual]. Sectionalised and
O-16438-A	Maungakaramaea		Maungatapere CB3		11/28/2024	09:08:00	11/28/2024	13:30:00	0.10436	0.00061		39	6720	Planned	Planned Interruption	Replace sw 872 with sw 10172 on adjacent switch
O-16141-A	Brynderwyn		Maungaturoto CB1		11/28/2024	09:18:00	11/28/2024	14:06:00	0.27282	0.00095		61	17568	Planned	Planned Interruption	replace cross arms, ampacts, upgrade D320
O-4771-B	Hakaru		Kaiwaka CB1032		11/29/2024	09:04:00	11/29/2024	14:25:00	0.23430	0.00073		47	15087	Planned	Planned Interruption	Kaiwaka CB1032 : Shut - 1 - Brown Road Hakaru - Network Maintenance
O-4960-B	Mains Ave		Tikipunga CB2		11/29/2024	09:09:00	11/29/2024	15:14:00	0.37978	0.00104		67	24455	Planned	Planned Interruption	Connect new TX WC474
O-4828-B	Mata		Ruakaka CB3		11/29/2024	09:12:00	11/29/2024	15:11:00	0.16725	0.00047		30	10770	Planned	Planned Interruption	Cut vegetation 11kv lines from pole #60890 to the end of line
O-4873-B	Reva Rewa Rd		Whangarei South CB1082		11/29/2024	12:30:00	11/29/2024	12:43:00	0.01009	0.00078		50	650	Planned	Planned Interruption	Change tap on TX W0226
F-8128-A	Kokopu		Poroti CB1022		11/30/2024	16:07:00	11/30/2024	21:37:00	0.62827	0.00634		408	40456	Unplanned	Defective Equipment	FP388536 - broken HV jumper on crossarm damaged equipment
O-4774-B	Puawera		Maungatapere CB7		12/2/2024	09:06:00	12/2/2024	14:17:00	0.68073	0.00219		141	43851	Planned	Planned Interruption	POLE, CONDUCTOR & HARDWARE REPLACEMENTS
O-4879-B	Maungakaramaea		Maungatapere CB3		12/2/2024	09:10:00	12/2/2024	13:49:00	0.01732	0.00006		4	1116	Planned	Planned Interruption	Tree clearing work
O-4714-B	One Tree Point		Ruakaka CB6		12/2/2024	09:56:00	12/2/2024	14:22:00	0.00826	0.00003		2	532	Planned	Planned Interruption	Upgrade ground mount D-sub R0416 from 200kva to 500kva
O-16096-A	MTON - MTO POS		Maungaturoto POS CB1262		12/2/2024	10:04:32	12/2/2024	14:46:32	0.57347	0.00203		131	36942	Planned	Planned Interruption	Replace crossarms 23177 and install permanent break -Installing access rd RMU
F-8140-A	ToeToe Rd		Kioreros CB7		12/2/2024	10:48:00	12/2/2024	11:03:23	0.10913	0.00952		613	7030	Unplanned	Unknown	Nil / Overcurrent B Phase. 15 Min Closed & BTN
F-8143-A	One Tree Point		Ruakaka CB6		12/2/2024	15:28:00	12/2/2024	15:34:00	0.00019	0.00003		2	12	Unplanned	Human Error	Re isolate to Upgrade fusing that was missed during installation on O-4714-B
O-15472-A	Titoki		Poroti CB1032		12/3/2024	09:03:00	12/3/2024	14:01:00	0.06476	0.00022		14	4172	Planned	Planned Interruption	Replace HV arms and Refurbish Dsub TW128
O-15445-A	Turiwiri		Dargaville CB9		12/3/2024	09:05:00	12/3/2024	14:05:00	0.18628	0.00062		40	12000	Planned	Planned Interruption	Replace HV & LV cross arms
O-15427-A	Titoki		Poroti CB1032		12/3/2024	09:07:00	12/3/2024	11:34:00	0.05705	0.00039		25	3675	Planned	Planned Interruption	Replace HV pole 18190 and HV arms on various poles.
O-4795-B	Puawera															

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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O-4951-B	Onoke		Kamo CB8		12/12/2024	09:03:13	12/12/2024	12:25:03	0.28199	0.00140	90	18165	Planned	Planned Interruption	Cut vegetation around 11kv lines from pole #090863 to pole #54293
O-4966-B	Access Rd		Ruawai CB1022		12/12/2024	09:32:51	12/12/2024	13:56:23	0.14727	0.00056	36	9487	Planned	Planned Interruption	Replace pole #39801 to mitigate road crossing height issue.
F-8188-A	Paramui		Tikipunga CB6		12/12/2024	22:22:00	12/12/2024	23:07:00	0.00349	0.00008	5	225	Unplanned	Unknown	388852 / 2 x HV fuses blown causing flames on HV fuses. No obvious cause found.
O-5011-B	Kamo Town		Kamo CB7		12/13/2024	09:02:00	12/13/2024	13:47:00	0.49109	0.00172	111	31635	Planned	Planned Interruption	New TX KKI69 to be added at Pole 30986
O-4957-B	Onoke		Kamo CB8		12/13/2024	09:05:00	12/13/2024	13:39:00	0.06380	0.00023	15	4110	Planned	Planned Interruption	HV crossarms and hardware replacement
O-4954-B	Hakaru		Kaiwaka CB1032		12/13/2024	09:09:00	12/13/2024	11:15:00	0.02347	0.00019	12	1512	Planned	Planned Interruption	Network Maintenance- Replace pole 11952
O-4933-B					12/13/2024	09:42:00	12/13/2024	16:34:19	1.63099	0.00581	374	105065	Planned	Planned Interruption	Live cable SW10167 to pole 312410Live new Tx K476-L5 ** Phase out in correct
F-8212-A	Coast		Dargaville CB6		12/13/2024	18:20:49	12/14/2024	03:13:00	0.18394	0.00076	49	11849	Unplanned	Defective Equipment	388893 / Isolate & Repair broken 25mm XLPE cable at Links 3094
F-8218-A	Taipuha		Mareretu CB1		12/14/2024	07:21:24	12/14/2024	14:42:00	0.26815	0.00366	236	17274	Unplanned	Defective Equipment	388895 / HV Line down (Center Phase) between pole 34465 & 34466. Deterioration
F-8224-A	Marua		Hikurangi CB1022		12/14/2024	17:45:59	12/14/2024	19:27:00	0.00157	0.00002	1	101	Unplanned	Defective Equipment	FP 388901 - Found fuse link corroded. Replaced.
F-8227-A	Puwera		Maungatapere CB7		12/15/2024	12:43:00	12/15/2024	12:45:00	0.00003	0.00002	1	2	Unplanned	Defective Equipment	388904 / x2 blown HV fuses (Undersized). Opened remaining HV fuse to check size
F-8239-A	Mauao Mountain		Maungatapere CB1		12/16/2024	04:40:54	12/16/2024	05:36:00	0.16084	0.00413	532	10538	Unplanned	Wildlife	FP 388910 E/F - Possum in lines at Pole 60782
O-5059-B	Hakaru		Kaiwaka CB1032		12/16/2024	09:02:15	12/16/2024	13:57:12	0.01832	0.00006	4	1180	Planned	Planned Interruption	Replace 11kV conductor between poles 327439 and 45976 (These poles are being
O-5050-B	North River		Ruakaka CB7		12/16/2024	10:05:25	12/16/2024	12:22:07	0.14218	0.00104	67	9159	Planned	Planned Interruption	Replace Pole 40898
F-8254-A	ToeToe Rd		Kioreroa CB7		12/16/2024	16:21:00	12/16/2024	20:05:00	0.57611	0.01093	704	37112	Unplanned	Defective Equipment	FP 388941 unknown fault betwn Sw 4385 & 929. Left switching abnormal [Sw 929
O-5026-B	Ararua		Mareretu CB2		12/17/2024	09:02:00	12/17/2024	11:36:00	0.73632	0.00478	308	47432	Planned	Planned Interruption	Upgrading SW2132 to automated switch
O-15517-A	Taipuha		Mareretu CB1		12/17/2024	09:05:00	12/17/2024	11:59:00	0.04592	0.00026	17	2958	Planned	Planned Interruption	Replace HV crossarms
O-5056-B	Wairere		Mareretu CB5		12/17/2024	09:35:00	12/17/2024	13:44:00	0.79627	0.00320	206	51294	Planned	Planned Interruption	Replace pole 23782 with 811m type
F-8260-A	Lings Beach		Mangawhai North CB3		12/17/2024	13:45:38	12/17/2024	14:02:11	0.20502	0.01239	798	13207	Unplanned	Unknown	AB Overcurrent trip
F-8263-A	ToeToe Rd		Kioreroa CB7		12/17/2024	15:25:40	12/17/2024	17:46:00	0.10280	0.00208	134	6622	Unplanned	Defective Equipment	FP388976 - Jumper on crossarm @ pole 30947
F-8266-A	Titoki		Poroti CB1032		12/17/2024	23:43:45	12/17/2024	23:58:38	0.04488	0.00473	305	2891	Unplanned	Unknown	Sw 8191 indicating EF.
O-5062-B	2nd Ave		Alexander St CB3		12/18/2024	09:02:00	12/18/2024	15:28:00	0.66512	0.00172	111	42846	Planned	Planned Interruption	Install new transformer WC473
O-16498-A	Tangowahine		Dargaville CB8		12/18/2024	09:04:27	12/18/2024	15:35:50	0.54682	0.00140	90	35225	Planned	Planned Interruption	Remove links 3044...[Links 10200 installed previously NAR 6153]Replace links 304
F-8275-A	Tangahai		Ruawai CB1032		12/18/2024	15:02:20	12/18/2024	17:45:24	0.70521	0.00581	374	45428	Unplanned	Human Error	Remedials for S-2408-A / Isolate & carry out remedials at pole 312410 to fix phase
F-8278-A	Whangarei Heads		Parua Bay CB3		12/19/2024	07:06:00	12/19/2024	13:25:12	1.30265	0.01239	798	83914	Unplanned	Third Party Interference	389000 / A & B Phase OC. Large Drone Vs Lines Craig Road causing line down. Bad
O-5065-B	Hotel		Poroti CB1052		12/19/2024	09:02:02	12/19/2024	14:11:54	0.21646	0.00070	45	13944	Planned	Planned Interruption	TX W166 upgrade to 100kVA
O-5077-B	Ararua		Mareretu CB2		12/19/2024	09:04:00	12/19/2024	14:53:00	1.11064	0.00318	205	71545	Planned	Planned Interruption	Replace OH conductor
F-8281-A	Lings Beach		Mangawhai North CB3		12/19/2024	09:46:16	12/19/2024	10:02:03	0.19552	0.01239	798	12595	Unplanned	Unknown	389010 / Trip B & C Phase OC. FPIs at Sw 5482 Activated. L2 & L3.
F-142-B	Te Kopuru		Dargaville CB2		12/19/2024	12:22:00	12/19/2024	13:01:00	0.14591	0.00374	241	9399	Unplanned	Defective Equipment	388797 / Isolate to repair broken X arm at pole 14358.
F-8284-A	Titoki		Poroti CB1032		12/20/2024	09:46:52	12/20/2024	13:45:57	0.38311	0.00473	305	24679	Unplanned	Unknown	FP 389034 - Suspected logging company bringing lines down from loader. Faulty te
F-8287-A	Te Kopuru		Dargaville CB2		12/20/2024	12:13:23	12/20/2024	17:54:00	0.03541	0.00028	18	2281	Unplanned	Defective Equipment	FP 389038 - Replaced faulty 11kV Fuses
F-145-B	Te Kopuru		Dargaville CB2		12/21/2024	07:39:00	12/21/2024	08:32:00	0.01481	0.00028	18	954	Unplanned	Defective Equipment	FP 389045 - Replaced faulty 11kV Fuses
F-8293-A	Treatment		Kioreroa CB2		12/23/2024	04:17:33	12/23/2024	08:07:00	0.72146	0.00349	225	46475	Unplanned	Defective Equipment	FP389054/389053 Sw9061 faulty indicatio (appeared to be closed but didn't them
O-5122-B					12/23/2024	10:40:00	12/23/2024	10:50:00	0.01180	0.00018	76	760	Planned	Planned Interruption	Tx WC463 tap change. Late start due to scheduling issue.
F-8302-A	Treatment		Kioreroa CB2		12/25/2024	15:41:00	12/25/2024	20:35:00	0.11866	0.00040	26	7644	Unplanned	Defective Equipment	FP 389080 - UG HV fault between L9060 & W0199. Generated overnight
F-8308-A	Pataua		Parua Bay CB1		12/27/2024	10:28:00	12/27/2024	11:12:00	0.05601	0.00127	82	3608	Unplanned	Defective Equipment	FP 389091 - Replace faulty DDOs
F-8311-A	Mata		Ruakaka CB3		12/27/2024	12:22:19	12/27/2024	12:37:39	0.06566	0.00697	449	4230	Unplanned	Adverse Weather	FPIs Sw 503 AB ph, OC B ph @ RKA sub. Windy conditions.
F-8314-A	Bickerstaff		Maungaturoto CB2		12/27/2024	12:48:36	12/27/2024	13:10:54	0.25015	0.01206	777	16114	Unplanned	Adverse Weather	High Winds most likely cause.
F-8317-A	Matapouri		Ngunguru CB1032		12/27/2024	13:20:37	12/27/2024	18:12:00	0.77120	0.00761	490	49679	Unplanned	Vegetation	F 4117544 / FP 389096 - Trees in lines
F-8320-A	Taipuha		Mareretu CB1		12/27/2024	13:31:24	12/27/2024	19:51:00	0.26297	0.00366	236	16940	Unplanned	Vegetation	389102 - Lines down between 34207 & 32561 Bull Rd
F-8323-A	Kaitea		Ngunguru CB1072		12/27/2024	13:49:01	12/27/2024	18:54:00	1.07338	0.02117	1364	69145	Unplanned	Adverse Weather	FP 389122 - AC FPIs sw 720, light patrol. Field staff advised lines swinging heavily i
F-8326-A	Thelma Road		Mangawhai North CB4		12/27/2024	14:27:09	12/27/2024	19:42:00	0.86654	0.01361	877	55821	Unplanned	Defective Equipment	389114 - Lines down - possibly due to clashing
F-8329-A	North River		Ruakaka CB7		12/27/2024	14:36:48	12/27/2024	20:05:15	0.502417	0.03730	2403	323647	Unplanned	Defective Equipment	389104 - replaced 2 ampacts at pole 337557
F-8332-A	Whakapapa		Hikurangi CB1112		12/27/2024	14:40:22	12/27/2024	17:05:36	0.88152	0.00607	391	56786	Unplanned	Adverse Weather	F 4117622 / FP 389117 - FENZ reported low lines. Field staff found Chorus lines.
F-8341-A	Tamaterau		Onerahi CB7		12/27/2024	21:16:00	12/28/2024	00:23:00	0.15676	0.00084	54	10098	Unplanned	Defective Equipment	FP 389129 - Repair 11kV cable termination
F-8344-A	North Kaiwaka		Kaiwaka CB1022		12/27/2024	22:25:00	12/27/2024	23:55:00	0.05565	0.00126	81	3585	Unplanned	Defective Equipment	389125Jumper off on the line side of Links 419
F-8362-A	North Dargaville		Dargaville CB1		12/30/2024	15:37:37	12/30/2024	21:29:00	0.20622	0.00416	268	13284	Unplanned	Defective Equipment	FP389164/ Replaced Faulty Tx - HV Bushing Fail
F-8359-A	Kaitea		Ngunguru CB1072		12/30/2024	15:37:39	12/30/2024	19:53:11	0.96099	0.01059	682	61905	Unplanned	Defective Equipment	FP389163/ HV Lines Clashing between Spur & Main Line.
F-8374-A	MTON - MTO POS		Maungaturoto POS CB1262		1/2/2025	22:15:12	1/2/2025	22:44:43	2.68032	0.10559	6805	172732	Unplanned	Lightning	FP 389184, CB 1222 MTO & CB 72 MTON Tripped. Patrolled Relieved - further da
F-8377-A	MTON - MTO POS		Maungaturoto POS CB1262		1/3/2025	14:46:34	1/3/2025	16:22:48	0.699720	0.07386	4760	392931	Unplanned	Lightning	389184 / Isolate 33kV to replace blown insulator on pole 17708. Most probable ca
F-8398-A	Taipuha		Mareretu CB1		1/6/2025	14:55:42	1/6/2025	14:56:46	0.00756	0.00709	457	487	Unplanned	Unknown	Trip EF.FPI @ sw364 Phase A & N
O-5080-B	Coast		Dargaville CB6		1/7/2025	09:01:46	1/7/2025	11:11:53	0.05653	0.00043	28	3643	Planned	Planned Interruption	Repair guy wire / replace DOFs L133
O-5074-B	Taipuha		Mareretu CB1		1/7/2025	09:02:00	1/7/2025	12:18:00	0.17640	0.00090	58	11368	Planned	Planned Interruption	HV crossarm replacement
O-5068-B					1/7/2025	09:14:26	1/7/2025	13:45:06	0.17640	0.00065	42	11368	Planned	Planned Interruption	HV cross-arm replacement
O-5320-B	King Road		Mangawhai North CB2		1/7/2025	13:18:00	1/7/2025	14:08:00	0.01086	0.00022	14	700	Planned	Planned Interruption	Inspect HV bushing
O-5095-B	Kokopu		Poroti CB1022		1/8/2025	09:04:00	1/8/2025	13:54:00	0.19800	0.00068	44	12760	Planned	Planned Interruption	Replace various crossarms and pole 12797

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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O-15127-A	Turiviri		Dargaville C89	1/15/2025	09:03:00	1/15/2025	14:25:00	0.09493	0.00029	19	6118	Planned	Planned Interruption	Replace HV and LV cross arms
O-5203-B	Thelma Road		Mangawhai North C84	1/15/2025	09:06:00	1/15/2025	11:07:00	0.02629	0.00022	14	1694	Planned	Planned Interruption	DOF MC288 being replaced
O-5128-B				1/15/2025	09:23:00	1/15/2025	14:34:00	0.35078	0.00115	74	22606	Planned	Planned Interruption	Isolated for LV repair works
F-8479-A	Ruatangata		Kamo C86	1/15/2025	11:15:00	1/15/2025	13:28:00	0.00413	0.00003	2	266	Unplanned	Defective Equipment	389484Broken DOFs to be replaced
F-8488-A	Ararus		Mareretu C82	1/16/2025	08:12:11	1/16/2025	17:51:00	1.14679	0.02635	1698	73904	Unplanned	Third Party Interference	Agricultural Drone in lines. Crossarm broken, pole cracked. FP 389517
O-15928-A	Taipuha		Mareretu C81	1/16/2025	09:03:17	1/16/2025	12:57:14	0.31947	0.00137	88	20588	Planned	Planned Interruption	Replace cross arms
O-5155-B	Ararus		Mareretu C82	1/16/2025	09:10:00	1/16/2025	12:40:00	0.66802	0.00318	205	43050	Planned	Planned Interruption	Replace conductor between poles 911547 and 406935
O-16267-A	Paranui		Tikipunga C86	1/16/2025	09:11:00	1/16/2025	11:34:00	0.01331	0.00009	6	858	Planned	Planned Interruption	Level D-sub KT360
O-5224-B	Whataitiri		Maungatapere C88	1/16/2025	09:32:00	1/16/2025	14:24:00	0.43045	0.00147	95	27740	Planned	Planned Interruption	Tree clearing work
O-5230-B	Matapouri		Ngunguru CB1032	1/16/2025	10:10:00	1/16/2025	12:29:00	0.00647	0.00005	3	417	Planned	Planned Interruption	Level TX NT201
F-8497-A	North Dargaville		Dargaville C81	1/16/2025	20:31:31	1/17/2025	12:21:00	0.79319	0.02101	1354	51117	Unplanned	Defective Equipment	389542Lines down reported at 119 Waikara Road
O-5140-B	Turiviri		Dargaville C89	1/17/2025	09:06:00	1/17/2025	15:08:00	0.13460	0.00037	24	8674	Planned	Planned Interruption	Crossarms replacement
O-5407-B	Otonga		Hikurangi CB1032	1/17/2025	09:31:00	1/17/2025	13:33:00	0.34304	0.00160	103	22107	Planned	Planned Interruption	Replace damaged HV cable riser on pole #302523 and re configure cross arm to line
F-8512-A	Coast		Dargaville C86	1/19/2025	10:43:00	1/19/2025	10:58:24	0.04230	0.00275	177	2726	Unplanned	Unknown	Nil / Trip A & B Phase. 15 Min Close & BTN
F-8515-A	Kiripaka Rd		Tikipunga C88	1/19/2025	13:05:22	1/19/2025	14:06:00	0.00282	0.00005	3	182	Unplanned	Unknown	389575 / 2 x HV fuses blown with no obvious cause. All BTN
F-8521-A	Tutukaka Block		Ngunguru CB1082	1/19/2025	22:53:00	1/20/2025	03:19:25	1.52769	0.01029	663	98451	Unplanned	Lightning	FP - 389582Blown LA at fuses NP181
F-8524-A	Coast		Dargaville C86	1/20/2025	01:16:00	1/20/2025	02:04:00	0.03724	0.00078	50	2400	Unplanned	Vegetation	389580Trees blowing in the HV - started fire
F-8527-A	Titoki		Poroti CB1032	1/21/2025	03:09:00	1/21/2025	10:24:00	0.38337	0.01196	771	24706	Unplanned	Defective Equipment	FP 389629 - Replace faulty tx
F-8533-A	North River		Ruakaka C87	1/21/2025	03:47:00	1/21/2025	11:37:00	0.89795	0.00763	492	57868	Unplanned	Vegetation	389632Trees in lines at RB120
F-8536-A	Tamaterau		Onerahi C87	1/21/2025	04:55:53	1/21/2025	04:57:49	0.01687	0.00872	562	1087	Unplanned	Adverse Weather	A & B O/C - Trip and close.
F-8539-A	Kokopu		Poroti CB1022	1/21/2025	05:01:51	1/21/2025	11:16:53	1.26329	0.01100	709	81412	Unplanned	Defective Equipment	FP 389637 - Repair lines down @ pole 315224
F-8542-A	Whataitiri		Maungatapere C88	1/21/2025	06:15:33	1/21/2025	06:30:58	0.13908	0.00954	615	8963	Unplanned	Adverse Weather	Fault is beyond SW 843 - closed after 15 min
F-8545-A	Whakapara		Hikurangi CB1112	1/21/2025	07:21:52	1/21/2025	07:54:25	0.39934	0.01696	1093	25735	Unplanned	Adverse Weather	Trip and close >15. FPs Sw 663 ABC
F-8548-A	Paranui		Tikipunga C86	1/21/2025	09:04:45	1/21/2025	09:05:49	0.01213	0.01137	733	782	Unplanned	Unknown	Tripped & Closed
O-5233-B	Bickerstaff		Maungaturoto C82	1/21/2025	09:07:00	1/23/2025	13:15:00	0.00000	0.00000	0	0	Planned	Planned Interruption	Raise RMU
O-5143-B	Whataitiri		Maungatapere C88	1/21/2025	10:35:38	1/21/2025	14:35:56	0.73085	0.00304	196	47099	Planned	Planned Interruption	Upgrade switch 849 to automated switch
F-8554-A	Paparoa		Mareretu C86	1/21/2025	11:02:27	1/21/2025	16:30:00	0.58039	0.00919	592	37403	Unplanned	Vegetation	FP 389669 - LV lines down from tree
F-8557-A	Puwera		Maungatapere C87	1/21/2025	11:08:53	1/21/2025	17:17:00	0.32901	0.00419	270	21203	Unplanned	Defective Equipment	389674Lines down near TX X353
F-8569-A	Taipuha		Mareretu C81	1/21/2025	14:27:38	1/21/2025	17:23:00	0.08165	0.00135	87	5262	Unplanned	Defective Equipment	389685HV lines down at pole 34207
O-5260-B	North River		Ruakaka C87	1/22/2025	07:02:00	1/22/2025	14:06:00	0.74450	0.00663	427	47979	Planned	Planned Interruption	Install new OH switch to replace links 542
O-5158-B	Tangowahine		Dargaville C88	1/22/2025	09:05:00	1/22/2025	15:27:00	0.06520	0.00017	11	4202	Planned	Planned Interruption	Replace poles and 11kV conductor
O-16222-A	Titoki		Poroti CB1032	1/22/2025	09:06:00	1/22/2025	15:12:00	0.60405	0.00171	110	38928	Planned	Planned Interruption	Replace cross arms, Connections and HV links 792
O-5251-B	Marsden Pt		Ruakaka C81	1/22/2025	09:22:00	1/22/2025	11:43:00	0.11377	0.00081	52	7332	Planned	Planned Interruption	Replace Voltage indicators
O-5227-B	Langs Beach		Mangawhai North C83	1/22/2025	09:37:00	1/22/2025	12:19:00	0.06284	0.00039	25	4050	Planned	Planned Interruption	Install new TX RR356
O-5302-B	Paparoa		Mareretu C86	1/23/2025	09:06:58	1/23/2025	14:36:37	0.87395	0.00267	172	56321	Planned	Planned Interruption	Replace HV poles and cross armsRefurbish DsUBs A150 and A131 and replace HV a
O-5416-B	North Dargaville		Dargaville C81	1/23/2025	09:19:00	1/23/2025	11:52:00	0.01899	0.00012	8	1224	Planned	Planned Interruption	Remove 11kV line from Pole 27184 to Pole 27191 including TX M516
O-5275-B				1/24/2025	09:01:00	1/24/2025	13:51:22	1.24357	0.00428	276	80141	Planned	Planned Interruption	Replacing pole and cross arms, 10294,52339,10317
O-5209-B	Langs Beach		Mangawhai North C83	1/24/2025	09:04:00	1/24/2025	14:32:00	0.07634	0.00023	15	4920	Planned	Planned Interruption	Replace transformer RR221 with a 300kva with existing label RR221
O-5287-B				1/24/2025	09:18:00	1/24/2025	14:13:00	0.49438	0.00168	108	31860	Planned	Planned Interruption	Improvements in Supply Quality - Replace Pole 48701 and Pole 48513. Install 3 ph
F-8599-A	Matapouri		Ngunguru CB1032	1/24/2025	09:31:21	1/24/2025	11:26:00	0.36850	0.01231	793	23748	Unplanned	Third Party Interference	389807Tree felled into line
O-17401-A	Matapouri		Ngunguru CB1032	1/24/2025	14:07:00	1/25/2025	10:26:00	0.11131	0.00070	45	7173	Unplanned	Defective Equipment	389815 Generator connected to Tx NT131 @ 1730hrsReplaced 3x HV fuse bases F7
F-8614-A	Matapouri		Ngunguru CB1032	1/26/2025	02:19:26	1/26/2025	02:34:30	0.10583	0.01229	792	6820	Unplanned	Lightning	Suspected lightning strike
F-8617-A	Langs Beach		Mangawhai North C83	1/26/2025	02:50:00	1/26/2025	10:29:00	0.51946	0.01243	801	334780	Unplanned	Adverse Weather	389850 Feeder tripped during weather event, TORNADO Ref: F-8623-a & F-8626-A
F-8623-A	KAI - MWI 33kV		Kaiwaka C852	1/26/2025	02:55:31	1/28/2025	16:16:00	25.05585	0.06320	4073	1614712	Unplanned	Adverse Weather	389845 / Tornado Damages Mangawhai Ref: F-8623-a
O-17410-A	Hakaru		Kaiwaka CB1032	1/26/2025	05:55:43	1/26/2025	07:24:01	0.31377	0.00355	229	20221	Unplanned	Other Cause	De-energised for safety due to report of sparking on pole. Inspected, no fault found
F-8629-A	Tangahai		Ruawai CB1032	1/26/2025	08:23:00	1/26/2025	11:54:00	0.13877	0.00144	93	8943	Unplanned	Lightning	389844DOFs damaged requiring replacement
F-8632-A	One Tree Point		Ruakaka C86	1/26/2025	09:12:00	1/26/2025	09:13:01	0.00664	0.00653	421	428	Unplanned	Unknown	1 min close
F-8641-A	Bickerstaff		Maungaturoto C82	1/26/2025	14:07:45	1/26/2025	17:48:36	0.59645	0.00947	610	38438	Unplanned	Defective Equipment	389852Blown jumper at pole 23693
F-8644-A	Tangowahine		Dargaville C88	1/27/2025	17:41:00	1/27/2025	17:59:23	0.03732	0.00898	579	2405	Unplanned	Unknown	Trip Overcurrent A B & C. FPs at Sw 2037 activated. Closed & BTN
F-8647-A	Bickerstaff		Maungaturoto C82	1/27/2025	18:54:00	1/27/2025	19:08:30	0.17505	0.01207	778	11281	Unplanned	Unknown	O/C
F-8650-A	North Kaiwaka		Kaiwaka CB1022	1/27/2025	21:44:00	1/27/2025	21:56:30	0.04228	0.00338	218	2725	Unplanned	Unknown	O/C
F-8656-A	One Tree Point		Ruakaka C86	1/28/2025	07:11:00	1/28/2025	07:12:21	0.00881	0.00653	421	568	Unplanned	Unknown	Trip B & C Overcurrent. BTN
O-5437-B	Maunu Mountain		Maungatapere C81	1/28/2025	09:01:22	1/28/2025	10:25:44	0.06545	0.00078	50	4218	Planned	Planned Interruption	Remove Links 8842KL and replace with jumpers
O-5311-B				1/28/2025	09:08:00	1/28/2025	14:15:00	0.06193	0.00020	13	3991	Planned	Planned Interruption	Replace x-arms at poles 33629 and 33630 & LV Xarms from 8212
O-5308-B	Jordan Valley		Hikurangi CB1102	1/28/2025	09:39:00	1/28/2025	14:51:00	0.19850	0.00064	41	12792	Planned	Planned Interruption	HV isolation for safety Replacing LV conductor from KR201
O-5401-B	Taipuha		Mareretu C81	1/28/2025	09:52:00	1/28/2025	13:17:00	0.02545	0.00012	8	1640	Planned	Planned Interruption	LV pole and crossarm replacement
F-8665-A	Whakapara		Hikurangi CB1112	1/28/2025	10:51:55	1/28/2025	11:07:11	0.19291	0.01696	1093	12432	Unplanned	Unknown	Fault beyond SW663, closed after 15min, held
O-5425-B	Maungatapere - Dairy Factory		Maungatapere C86	1/28/2025	11:30:30	1/28/2025	12:34:07	0.10168	0.00160	103	6553	Unplanned	Planned Interruption	Remove links 8881KL
F-8668-A	Te Kopuru		Dargaville C82	1/29/2025	06:24:00	1/29/2025	06:39:54	0.13810	0.01471	948	8900	Unplanned	Unknown	B ph & N fault - Close >15min
O-5392-B	North River		Ruakaka C87	1/29/2025	09:09									

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach. Where multiple feeders are affected, the interruption record is to be split into multiple interruptions, ie, one interruption record per feeder. 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.

Company Name	Northpower
For Year Ended	31 March 2025

sch ref

F-8728-A	Mata		Ruakaka CB3	2/10/2025	10:38:00	2/10/2025	11:15:00	0.01722	0.00047	30	1110	Unplanned	Defective Equipment	FP 390183 - Fit insulator back on to crossarm, upcoming shutdown in area, full rep
O-4726-B				2/11/2025	09:06:00	2/11/2025	13:56:00	0.15745	0.00054	35	10150	Planned	Planned Interruption	Replace poles 52272(LV) and 10082. Remove poles 10020 and 10025 and associat
F-8743-A	Norfolk St		Alexander St CB1	2/11/2025	11:57:00	2/11/2025	17:21:00	1.11443	0.02237	1442	71841	Unplanned	Defective Equipment	FP 390230 - HV Cable fault white phase between Pole 307150 & Switch 271. Cable
F-8752-A	Access Rd		Ruawai CB1022	2/11/2025	23:49:32	2/12/2025	00:04:43	0.05980	0.00521	336	3855	Unplanned	Unknown	15 min close to Sw 2235
O-5452-B	Mata		Ruakaka CB3	2/12/2025	09:01:00	2/12/2025	14:11:00	0.33662	0.00109	70	21700	Planned	Planned Interruption	HV/LV POLE, ARM & HARDWARE REPLACEMENTS
F-8764-A	Titoki		Poroti CB1032	2/13/2025	07:58:00	2/13/2025	10:03:00	0.29667	0.00237	153	19125	Unplanned	Human Error	390275 / Sw 793 Opened without Authorisation, switch had same Chamel and Add
F-2537-A	TIK - ONE (Ngunguru)		Tikipunga CB92	2/13/2025	09:02:15	2/13/2025	13:41:06	0.31577	0.00113	73	20356	Planned	Planned Interruption	Replace various poles from 38178 to EOL
O-5482-B				2/13/2025	21:36:00	2/14/2025	06:18:00	29.08781	0.05670	3655	1875131	Planned	Planned Interruption	Replace SW33/1026 with automated switch, Replace links 33/1005 (temp links 37
O-5371-B				2/14/2025	09:02:04	2/14/2025	13:38:48	0.15883	0.00057	37	10239	Planned	Planned Interruption	HV/LV POLE, ARM, & HARDWARE REPLACEMENTS, UPGRADE Tx U227
F-8803-A	Maungakarama		Maungatapere CB3	2/14/2025	17:40:00	2/14/2025	19:02:00	0.11448	0.00140	90	7380	Unplanned	Defective Equipment	390338 / Isolate area to replace broken crossarm & hardware on pole 12552
F-8812-A	One Tree Point		Ruakaka CB6	2/15/2025	05:33:00	2/15/2025	07:51:00	0.52685	0.00653	421	33963	Unplanned	Unknown	FP390347/Tripped O/C A&B phase, patrolled and found no cause, closed in and pole
F-8821-A	One Tree Point		Ruakaka CB6	2/15/2025	21:28:00	2/16/2025	00:01:00	0.35191	0.01959	1263	22686	Unplanned	Unknown	390352 / Intermittent fault on CB 6 RKA. Patrolled for the second time in 24 hours
F-8818-A	Cartwright Rd		Onerahi CB6	2/15/2025	22:08:28	2/16/2025	05:29:00	0.44044	0.00636	410	28393	Unplanned	Third Party Interference	390351 / Car Vs Pole 51973. Cut Break and replace pole. BTN
F-8824-A	Montgomery Ave		Onerahi CB8	2/16/2025	05:13:00	2/16/2025	07:10:00	0.50972	0.02326	2086	32859	Unplanned	Vegetation	390353 / Intermittent tripping. Patrolled and found Bark on lines at pole 36557. Re
O-5506-B	Norfolk St		Alexander St CB1	2/16/2025	07:32:00	2/16/2025	17:24:00	0.17448	0.00209	19	11248	Planned	Planned Interruption	Replace LV Frame with New one. Some LV backfeed done, only 19 ICPs affected
O-5374-B				2/16/2025	08:44:00	2/16/2025	14:10:00	0.13654	0.00042	27	8802	Planned	Planned Interruption	Replacing poles and cross arms. Late start as agreed with PM
F-8830-A	Mata		Ruakaka CB3	2/17/2025	08:16:43	2/17/2025	12:41:00	0.18772	0.00164	106	12101	Unplanned	Defective Equipment	FP 390365 - Report of fire on pole, Broken guy wire on 11kV jumper. Pole leaning,
O-5653-B	Puawa		Maungatapere CB7	2/17/2025	09:03:00	2/17/2025	11:58:00	0.38548	0.00220	142	24850	Planned	Planned Interruption	Install new HV fuses and tx X524
O-5611-B				2/17/2025	09:24:00	2/17/2025	15:08:00	0.17076	0.00050	32	11008	Planned	Planned Interruption	HV ARM & HARDWARE REPLACEMENTS
F-8836-A	Dunns Rd		Ruawai CB1082	2/17/2025	13:30:43	2/17/2025	13:45:45	0.04128	0.00275	177	2661	Unplanned	Unknown	15 min close
O-17641-A	Jordan Valley		Hikurangi CB1102	2/17/2025	17:14:27	2/18/2025	00:31:11	0.39018	0.00741	478	25153	Unplanned	Third Party Interference	FP390403Car Vs pole 20319 - 33 & 11kV
O-5377-B	Montgomery Ave		Onerahi CB8	2/18/2025	09:01:43	2/18/2025	14:06:24	0.34503	0.00113	73	22242	Planned	Planned Interruption	11kV WIRE AND HARDWARE REPLACEMENTS
O-5644-B	Otonga		Hikurangi CB1032	2/18/2025	09:19:00	2/18/2025	15:08:00	0.48735	0.00160	103	31417	Planned	Planned Interruption	Replace cable and crucifix at pole 302523
O-5602-B	Hokianga Rd		Dargaville CB7	2/18/2025	09:33:00	2/18/2025	12:29:00	0.05460	0.00031	20	3520	Planned	Planned Interruption	Level transformer
F-8851-A	Mata		Ruakaka CB3	2/18/2025	21:41:37	2/19/2025	00:20:00	0.11037	0.00208	134	7115	Unplanned	Defective Equipment	FP390440 FENZ report scrub fire. De-energised remotely. Broken LV line RO426 ca
F-8854-A	Swamp North		Hikurangi CB1042	2/18/2025	22:25:00	2/19/2025	02:44:23	0.62012	0.00628	405	39976	Unplanned	Wildlife	FP390441 - 11kV line down & 1 damaged - paradise duck. Additional 104 customer
O-5629-B	Taipuha		Mareretu CB1	2/19/2025	09:01:58	2/19/2025	13:17:10	0.24148	0.00095	61	15567	Planned	Planned Interruption	Replace 11kV arms and pole stays at multiple sites
O-5422-B				2/19/2025	09:03:00	2/19/2025	15:13:00	1.13644	0.00307	198	73260	Planned	Planned Interruption	Remove and decommission pole transformer KT160. Liven new new 100kva groun
O-5131-B	Ruatangata		Kamo CB6	2/19/2025	09:06:00	2/19/2025	14:50:00	0.53363	0.00155	100	34400	Planned	Planned Interruption	New Tx KR310 installation
O-5365-B	Montgomery Ave		Onerahi CB8	2/20/2025	09:02:07	2/20/2025	11:55:49	0.19670	0.00113	73	12680	Planned	Planned Interruption	11kV WIRE AND HARDWARE REPLACEMENTS
O-5647-B	Kaiwaka Town		Kaiwaka CB1062	2/20/2025	09:25:00	2/20/2025	11:33:00	0.08141	0.00064	41	5248	Planned	Planned Interruption	Tree clearing work
O-5683-B	Hakaru		Kaiwaka CB1032	2/20/2025	10:31:00	2/20/2025	13:17:00	0.04635	0.00028	18	2988	Planned	Planned Interruption	Replace HV crossarm at pole 47057 and DOFs MC352
O-5473-B	Puawa		Maungatapere CB7	2/21/2025	09:09:00	2/21/2025	12:57:00	0.39966	0.00175	113	25764	Planned	Planned Interruption	Crossarm and hardware replacement
O-5488-B	Puawa		Maungatapere CB7	2/21/2025	09:09:00	2/21/2025	12:36:00	0.05780	0.00028	18	3726	Planned	Planned Interruption	Replace crossarms and hardware
O-5851-B	Turiviri		Dargaville CB9	2/21/2025	10:06:00	2/21/2025	10:20:00	0.00087	0.00006	4	56	Planned	Planned Interruption	Remove reclosing links 3112 & replace with solid links.
O-5575-B	Norfolk St		Alexander St CB1	2/23/2025	07:14:00	2/23/2025	17:24:00	0.00000	0.00000	0	0	Planned	Planned Interruption	Remove old Transformer WC210 and replace with new Transformer WC210.Liven r
O-5380-B	Taipuha		Mareretu CB1	2/24/2025	09:03:00	2/24/2025	12:28:00	0.14310	0.00070	45	9225	Planned	Planned Interruption	Replace poles, cross arms, remove 5 span LV and replace LV conductor at 2 sites
F-151-B	Kaitaea		Ngunguru CB1072	2/24/2025	16:03:45	2/24/2025	17:12:00	0.45217	0.01061	684	29149	Unplanned	Adverse Environment	390579/ Scrub Fire Kakariki road - Feeder dropped for safety, monitored 11kV & 3
F-8890-A	Titoki		Poroti CB1032	2/25/2025	04:34:48	2/25/2025	10:39:00	0.62925	0.00628	405	40564	Unplanned	Third Party Interference	FP390585/Tripped E/F, 1x HV line down @ pole 50521 (reports of a high load going through this area at
F-8893-A	Te Kopuru		Dargaville CB2	2/25/2025	08:20:59	2/25/2025	09:16:22	0.41668	0.00752	485	26861	Unplanned	Third Party Interference	390590/ Truck reported hitting LV pole - LVLines down road crossing. Dropped HV
O-5530-B	Montgomery Ave		Onerahi CB8	2/25/2025	09:01:56	2/25/2025	12:37:43	0.24435	0.00113	73	15752	Planned	Planned Interruption	V POLE & HARDWARE REPLACEMENTS. REMOVE HV LINKS 9378 AND HARD TAP ST
O-5383-B	Mata		Ruakaka CB3	2/25/2025	09:06:00	2/25/2025	12:33:00	0.05459	0.00026	17	3519	Planned	Planned Interruption	HV POLE REPLACEMENTS pole 12511 to EOL
O-5572-B	Kaiwaka Town		Kaiwaka CB1062	2/25/2025	09:07:00	2/25/2025	14:13:00	0.16614	0.00054	35	10710	Planned	Planned Interruption	replace pole hardware and TX like for like
F-8896-A	Maungatapere - Dairy Factory		Maungatapere CB6	2/25/2025	14:51:25	2/25/2025	15:36:04	0.13299	0.00298	192	8573	Unplanned	Third Party Interference	390614/ Car vs Pole causing ABC conductor LV lines down road crossing (near tx O
O-5527-B	Matapouri		Ngunguru CB1032	2/27/2025	09:00:34	2/27/2025	13:02:32	0.00751	0.00003	2	484	Planned	Planned Interruption	Replace HV arm at pole 58907/58908
O-5533-B	Montgomery Ave		Onerahi CB8	2/27/2025	09:02:30	2/27/2025	12:36:42	0.24257	0.00113	73	15637	Planned	Planned Interruption	HV CONDUCTOR REPLACEMENT
O-5854-B	Pataua		Parua Bay CB1	2/27/2025	09:08:00	2/27/2025	14:02:00	0.37853	0.00129	83	24402	Unplanned	Planned Interruption	Pole replacement & Tx upgrade
F-8899-A	Titoki		Poroti CB1032	2/27/2025	17:39:00	2/27/2025	19:57:00	0.01927	0.00014	9	1242	Unplanned	Vegetation	390680/Pine trees fallen & leaning over lines. Dropped lines to clear trees & reinst
O-5716-B	Coast		Dargaville CB6	2/28/2025	09:02:00	2/28/2025	14:54:00	0.27302	0.00078	50	17600	Unplanned	Planned Interruption	Replacing 11kV 400V Poles & Cross arms
F-8905-A	Swamp North		Hikurangi CB1042	3/1/2025	20:48:00	3/2/2025	02:29:00	0.41177	0.01972	1271	26542	Unplanned	Wildlife	390713 ADMS constantly locking upTwo lines down between poles 38815 & 38816
O-5806-B	Mains Ave		Tikipunga CB2	3/2/2025	09:06:54	3/2/2025	10:15:14	0.19082	0.00279	180	12300	Planned	Planned Interruption	Network Maintenance.Removing KL-7159
O-5731-B	Cairnfield Rd		Tikipunga CB5	3/2/2025	11:44:38	3/2/2025	12:30:50	0.14980	0.00324	209	9656	Planned	Planned Interruption	Remove KL 7143
O-5803-B	Whau Valley		Tikipunga CB1	3/2/2025	14:00:53	3/2/2025	15:11:54	0.26772	0.00377	243	17257	Planned	Planned Interruption	Remove links 7130KL from the network
O-5824-B	Kaiwaka Town		Kaiwaka CB1062	3/3/2025	09:01:00	3/3/2025	11:34:00	0.10444	0.00068	44	6732	Planned	Planned Interruption	Network Maintenance - rectify high partial discharge at C350
O-5827-B				3/3/2025	09:14:00	3/3/2025	12:16:00	0.04518	0.00025	16	2912	Planned	Planned Interruption	Rectify partial discharge at SW 4231
F-8914-A	Paparoa		Mareretu CB6	3/4/2025	01:19:00	3/4/2025	04:15:00	0.63288	0.01100	709	40795	Unplanned	Third Party Interference	390747 / Car Vs Pole 31157 Paparoa. Isolate, Cut Temp break and replace pole.
O-5743-B	Austin Road		Maunu CB1072	3/5/2025	08:33:00	3/5/2025	16:35:00	0.39147	0.00082	53	25234	Planned	Planned Interruption	RMU replacement
O-5635-B				3/5/2025	09:01:34	3/5/2025	14:43:29	0.4561						

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach. Where multiple feeders are affected, the interruption record is to be split into multiple interruptions, ie, one interruption record per feeder. 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.

Company Name	Northpower
For Year Ended	31 March 2025

sch ref

O-5632-B	ToeToe Rd		Kioreroa CB7	3/12/2025	09:29:00	3/12/2025	12:08:00	0.22200	0.00140	90	14310	Planned	Planned Interruption	Network Maintenance replace HV arms and replace TX as per network maintenance
F-8986-A	Access Rd		Ruawai CB1022	3/13/2025	06:22:41	3/13/2025	06:23:46	0.00565	0.00521	336	364	Unplanned	Unknown	O/C A&B phase, closed in 1min F5, unknown (FPI did not activate at Sw 2235)
O-5497-B	Swamp North		Hikurangi CB1042	3/13/2025	09:01:00	3/13/2025	13:45:00	0.17183	0.00061	39	11076	Planned	Planned Interruption	Replacing 11kV 400V Poles & Cross arms.
F-8992-A	Wharekohie		Poroti CB1062	3/14/2025	01:22:00	3/14/2025	01:23:02	0.00118	0.00115	74	76	Unplanned	Unknown	Tripped O/C AB&C phase, closed in 1min F5, Unknown
O-5953-B	Tangahai		Ruawai CB1032	3/14/2025	09:05:00	3/14/2025	13:26:00	0.38871	0.00149	96	25056	Planned	Planned Interruption	Network Maintenance replacing multiple cross arms
O-5872-B	North River		Ruakaka CB7	3/14/2025	09:09:00	3/14/2025	12:09:00	0.02792	0.00016	10	1800	Planned	Planned Interruption	TX RB192 & fuses RB335 upgrade
F-8995-A	Tamaterau		Onerahi CB7	3/14/2025	10:39:00	3/14/2025	12:52:00	0.00619	0.00005	3	399	Unplanned	Defective Equipment	PP 391024 - Replace crossarm and insulators @ Pole 51816
F-9001-A	Whau Valley		Tikipunga CB1	3/15/2025	20:02:00	3/15/2025	02:59:00	0.87865	0.00554	357	56637	Unplanned	Third Party Interference	Truck & trailer damaged pole. Temp Break installed to replace.
F-9004-A	Mata		Ruakaka CB3	3/15/2025	00:04:34	3/15/2025	00:29:03	0.11609	0.00697	449	7483	Unplanned	Unknown	8 ph fault - relieved
O-5752-B	Awakino Point		Dargaville CB4	3/16/2025	09:50:00	3/16/2025	10:59:00	0.01285	0.00019	12	828	Planned	Planned Interruption	Level TX DAS3.
O-5503-B	Swamp North		Hikurangi CB1042	3/18/2025	09:02:00	3/18/2025	14:14:00	0.04957	0.00019	12	3195	Planned	Planned Interruption	Replacing 11kV 400V Cross arms & Conductor.
O-5938-B	Ruawai Town		Ruawai CB1072	3/18/2025	09:08:00	3/18/2025	14:45:00	0.12548	0.00037	24	8088	Planned	Planned Interruption	Install new TX F230 and hardware
F-9023-A	Whatatiri		Maungatapuere CB8	3/19/2025	06:59:55	3/19/2025	10:40:00	0.16814	0.00303	195	10838	Unplanned	Wildlife	PP 391145 - 1x HV line down due to bird strike
O-5500-B	Swamp North		Hikurangi CB1042	3/19/2025	09:08:00	3/19/2025	14:28:00	0.19361	0.00061	39	12480	Planned	Planned Interruption	Replacing 11kV Conductor.
O-5875-B	Tangowahine		Dargaville CB8	3/20/2025	09:06:00	3/20/2025	12:54:00	0.12734	0.00056	36	8208	Planned	Planned Interruption	Replace HV and LV crossarms
O-5944-B	Jordan Valley		Hikurangi CB1102	3/20/2025	09:13:28	3/20/2025	15:05:33	0.02730	0.00008	5	1760	Planned	Planned Interruption	Replace HV conductor and hardware
O-5956-B	Hokianga Rd		Dargaville CB7	3/20/2025	10:40:00	3/20/2025	13:41:00	0.14602	0.00081	52	9412	Planned	Planned Interruption	Transformer maintenance
O-15925-A	Parua Bay		Parua Bay CB2	3/21/2025	09:07:00	3/21/2025	12:54:00	0.23595	0.00104	67	15209	Planned	Planned Interruption	Tx upgrades
O-6016-B	Coast		Dargaville CB6	3/21/2025	10:02:00	3/21/2025	15:17:00	0.29810	0.00095	61	19215	Planned	Planned Interruption	Clear trees around 11kV lines
F-9028-A	Titoki		Poroti CB1032	3/21/2025	10:57:00	3/21/2025	11:12:50	0.04134	0.00473	305	2665	Unplanned	Unknown	Sw 8191 B&C phase indication. Relieved Reel 1520, closed Sw 8191 after 15 mins
F-9031-A	Matapouri		Ngunguru CB1032	3/21/2025	17:47:00	3/21/2025	18:54:00	0.00624	0.00009	6	402	Unplanned	Unknown	PP 391235 - Unknown cause, had to get 2nd man to deliver fuses.
F-9037-A	Titoki		Poroti CB1032	3/22/2025	17:10:00	3/22/2025	17:11:02	0.01238	0.01198	772	798	Unplanned	Unknown	E/Fno FPI's activated
O-5893-B	Te Kopuru		Dargaville CB2	3/23/2025	09:01:19	3/23/2025	10:58:21	0.12709	0.00109	70	8192	Planned	Planned Interruption	Remove 3134KL from network
O-5587-B	Tangowahine		Dargaville CB8	3/24/2025	09:06:00	3/24/2025	15:57:00	0.06376	0.00016	10	4110	Planned	Planned Interruption	Replace crossarms. Went over time by 57 mins due to work load.
O-5590-B	Titoki		Poroti CB1032	3/25/2025	09:03:00	3/25/2025	15:03:00	0.05585	0.00016	10	3600	Planned	Planned Interruption	Replace crossarms and poles
O-6100-B	Hakaru		Kaiwaka CB1032	3/25/2025	09:22:39	3/25/2025	15:33:16	0.27599	0.00074	48	17790	Planned	Planned Interruption	Network Maintenance - Replace poles & various 11kV works
O-5596-B	Titoki		Poroti CB1032	3/26/2025	09:05:00	3/26/2025	13:55:00	0.15297	0.00053	34	9860	Planned	Planned Interruption	Pole and crossarm replacement
F-9046-A	Tikipunga Hill		Tikipunga CB4	3/26/2025	21:15:31	3/26/2025	21:35:59	0.14795	0.00723	466	9537	Unplanned	Unknown	Trip A Phase, attempted 15 minute close but timed out causing slight delay to re close
F-9052-A	Coast		Dargaville CB6	3/27/2025	07:58:00	3/27/2025	11:17:43	0.14645	0.00135	87	9440	Unplanned	Defective Equipment	PP391328Replace faulty HV DDO's at Tx L159, damage from burning HV barrel
O-6163-B	Maunu		Maunu CB1032	3/27/2025	09:02:00	3/27/2025	14:43:00	0.59231	0.00178	115	38180	Planned	Planned interruption	Connect new cable up pole onto new fuses 10016 to live new TX S140
O-5593-B	Whakapara		Hikurangi CB1112	3/27/2025	09:03:00	3/27/2025	13:09:00	0.12594	0.00051	33	8118	Planned	Planned interruption	Replace HV crossarms
O-6115-B	Taipuha		Mareretu CB1	3/27/2025	09:31:00	3/27/2025	13:26:00	0.04739	0.00020	13	3055	Planned	Planned interruption	At Pole 33636, connect new DOFs & live new 50kVA Dsub B265
O-6043-B	Kaka St		Whangarei South CB1032	3/27/2025	23:19:00	3/28/2025	03:41:00	0.02439	0.00009	6	1572	Planned	Planned interruption	Repair oil leak
F-9055-A	Access Rd		Ruawai CB1022	3/28/2025	08:07:53	3/28/2025	08:23:57	0.02406	0.00520	335	1551	Unplanned	Unknown	Trip OC Phase AC. FPI's Sw 2156 Phase AC. Unknown
O-6199-B	Bickerstaff		Maungaturoto CB2	3/28/2025	09:09:00	3/28/2025	12:35:00	0.06711	0.00033	21	4326	Planned	Planned interruption	Install TX D451
O-6304-B	Tangahai		Ruawai CB1032	3/28/2025	09:10:00	3/28/2025	13:35:00	0.00822	0.00003	2	530	Planned	Planned interruption	Network Maintenance replace poles and cross arms
F-9058-A	Kaiwaka South		Kaiwaka CB1072	3/28/2025	10:22:13	3/28/2025	11:27:23	0.10009	0.00154	99	6452	Unplanned	Defective Equipment	PP391357/Blown jumper at pole 33872
O-6442-B	Fert. Works		Kioreroa CB6	3/30/2025	08:08:00	3/30/2025	12:01:00	0.00723	0.00003	2	466	Planned	Planned interruption	Repair oil leaks
F-9073-A	Otonga		Hikurangi CB1032	3/31/2025	10:28:00	3/31/2025	11:32:00	0.26113	0.00408	263	16832	Unplanned	Vegetation	PP391402Trees in line
F-9085-A	Tangahai		Ruawai CB1032	3/31/2025	14:13:00	3/31/2025	15:01:00	0.00223	0.00005	3	144	Unplanned	Defective Equipment	PP 391423 - Guy wire broken, sitting near HV bushing @ tx K267. 1x HV Fuse blown

¹ Extend table as necessary to disclose information for all individual interruptions

Company Name	Northpower
For Year Ended	31 March 2025

Schedule 14 Mandatory Explanatory Notes

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

Return on Investment (Schedule 2)

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

Box 1: Explanatory comment on return on investment

The calculated post tax ROI and vanilla ROI for disclosure year were 3.59% and 4.31% respectively. This compares to 4.62% and 5.32% for the previous year.

The reduction in the ROI is largely a result of the lower CPI for FY25.

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; and
6. information on reclassified items in accordance with subclause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit

Other regulatory income of \$816k relates to application fees and value-added work on charged to customers.

This income was all received in the normal course of business.

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

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

Box 3: Explanatory comment on merger and acquisition expenditure

Not applicable – there was no incurred merger and acquisition expenditure during the disclosure year.

Value of the Regulatory Asset Base (Schedule 4)

9. 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 RAB roll-forward in Schedule 4 is determined in accordance with the IM requirements and is consistent with prior year.
- There were no reclassifications made.
- Disposed assets of \$203k mainly relates items to old transformers and plant and equipment.
- Shared assets in the RAB have been allocated with the application of the ABAA approach for this disclosure year. Refer box 8 for details.

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

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

Box 5: Regulatory tax allowance: permanent differences

\$18k expenditure or loss in regulatory profit before tax but not tax deductible relates to non-deductible entertainment expenditure.

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

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

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

The tax effect of other temporary differences of \$347k represents tax on the movement between FY24 and FY25 in the following provisions:

- Holiday leave provisions
- Long service leave provisions
- Bonus accrual
- Doubtful debt provision
- Cost of financing

Cost allocation (Schedule 5d)

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

Box 7: Cost allocation

Cost allocations were calculated using the ABBA methodology as per Part 2.1 of the IM determination for business support.

- People and capability costs allocated using headcount as causal allocator consistent with prior year.
- Digital costs allocated using either headcount, licence numbers or time as causal allocators.
- Finance costs allocated using gross margin as a proxy allocator consistent with prior year.
- Facilities costs allocated using floor space as a causal allocator consistent with prior year.
- Corporate costs allocated using non-current assets as a proxy allocator consistent with prior year.

Asset allocation (Schedule 5e)

13. 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

Asset allocations were calculated using the ABAA methodology as per Part 2.1 of the IM determination.

A summary of RAB assets that were allocated are as follows:

- Sub transmission line, distribution and LV line assets – Shared pole assets used for fibre and network assets (proxy allocator).
- Distribution and LV cables – 100% of CBD ducts and civils exclusively used for the Fibre business.
- Other network assets – Backhaul fibre assets shared between the Fibre and Network business (causal allocator).
- Land and buildings – Estimated area shared between regulated network and non-network businesses (proxy allocator).

The method of asset allocations is consistent with the prior year. No items were reclassified.

Capital Expenditure for the Disclosure Year (Schedule 6a)

14. In the box below, comment on expenditure on assets for the disclosure year, as disclosed in Schedule 6a. This comment must include-

- 14.1 a description of the materiality threshold applied to identify material projects and programmes described in Schedule 6a;
- 14.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 9: Explanation of capital expenditure for the disclosure year

The largest component of the capital expenditure was asset replacement and renewal, followed by system growth. The asset replacement and renewal trend is consistent with prior years. The higher system growth number reflects the ongoing project work in relation to the Kensington substation upgrade.

No items were reclassified.

Operational Expenditure for the Disclosure Year (Schedule 6b)

15. In the box below, comment on operational expenditure for the disclosure year, as disclosed in Schedule 6b. This comment must include-
- 15.1 Commentary on assets replaced or renewed with asset replacement and renewal operational expenditure, as reported in 6b(i) of Schedule 6b;
16. Information on reclassified items in accordance with subclause 2.7.1(2);
- 16.1 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 operating expenditure relates to work done to make good on defects identified during scheduled preventative maintenance inspections.

- There are no reclassified items to report.
- There is no material atypical expenditure included in the operational expenditure.
- Operational expenditure has decreased across service interruptions and emergencies, vegetation management, routine and corrective maintenance and inspection and asset replacement and renewal.
- System operations and network support was up driven by an overall headcount and general inflation.
- Business support – please refer Box 7

Variance between forecast and actual expenditure (Schedule 7)

17. 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

Asset expenditure was overall 1% higher than the target expenditure. The main overspends were in customer connections.

Network Opex was 6% lower than target with vegetation management, routine and corrective maintenance and inspection and asset replacement and renewal all lower than the target. It was a more stable year in terms of the weather but there were still a number of storms that impacted.

Non-network Opex was 3% lower than target.

Information relating to revenues and quantities for the disclosure year

18. In the box below provide-
19. 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
- 19.1 explanatory comment on reasons for any material differences between target revenue and total billed line charge revenue.

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

Target revenue disclosed before the start of the year was 2% higher than the total billed line charge revenue.

Network Reliability for the Disclosure Year (Schedule 10)

20. 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

Defective equipment had the highest effect on network performance with severe weather being the contributory cause for some of these outages. There were some multi-day storms which further affected network performance contributed by adverse weather.

Planned SAIDI stands high with the continuing focus on asset renewal across the network to ensure resilience and reliability.

Insurance cover

21. In the box below, provide details of any insurance cover for the assets used to provide electricity distribution services, including-
 - 21.1 The EDB's approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;
 - 21.2 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

Significant assets located in one place (e.g. zone substations, control room, other buildings) are insured under a comprehensive replacement insurance policy. Assets that are spread over a large area (e.g. lines, cables and distribution transformers) are uninsured.

Amendments to previously disclosed information

22. 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:
 - 22.1 a description of each error; and
23. for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 15: Disclosure of amendment to previously disclosed information

No amendments to previously disclosed information.

Company Name	<u>Northpower</u>
For Year Ended	<u>31 March 2025</u>

Schedule 15 Voluntary Explanatory Notes

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

1. This schedule enables EDBs to provide, should they wish to-
2. 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;
 - 2.1 information on any substantial changes to information disclosed in relation to a prior disclosure year, as a result of final wash-ups.
3. 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.
4. Provide additional explanatory comment in the box below.

Box 1: Voluntary explanatory comment on disclosed information

S8. Billed Quantities + Revenues – ND7 consumption

Excludes consumption by private streetlights as we do not hold this information because we invoice on a wattage basis rather than consumption. Consumers provide voluntary consumption data for public streetlights only. This is consistent with prior years and does not have a significant impact on the disclosures in schedule 8.

S8. Billed Quantities + Revenues – Consumer discount

The discount each ICP receives is determined by the usage between 1 April 2023 and 31 March 2025 based on information supplied by the electricity retailers. This amount is calculated using the discount rates in our full pricing schedule available on our website, with a maximum payment amount of \$265.27 (plus GST).

We have selected '\$/kWh' as the standardised price component in the disclosure as ICP's usage is the main driver for variability, even though we do have discount rates on daily fixed charge.

S9b. Asset Age Profile

The asset age profile data has been presented by calendar year, which is consistent with prior years. This treatment has been adopted because we do not hold information on the month of installation for historic assets and therefore are not able to align the data to 31 March year ends.

S9c. Urban and Rural circuit length

The breakdown of the Urban and Rural circuit length has been calculated using the urban-rural 2023 generalised layer from Stats NZ. This reflects a notable change in the expansion of urban areas in several areas and Mangawhai has transitioned from a rural settlement to a small urban area.

S9e(iii). Zone Substation Transformer Capacity

Northpower owns 110kV transformers in Regional substations that provide supply to our Zone Substations. The capacity of these transformers have not been included in this disclosure to avoid overstating / double counting our ability to feed the distribution network at 11kV.

S10 Report on Network Reliability

Reliability measures have been updated from 1 April 2024 in line with the Commerce Commission requirements to include successive interruptions as an additional SAIDI and SAIFI value if restoration of supply occurs for longer than a minute before being interrupted again. Comparative results using previous method will continue to be produced until DY26.

Previously during the interruption to supply, if some customers were temporarily restored for a short period due to switching operations carried out in the course of locating a fault

(e.g. opening a switch, reclosing a circuit breaker to identify which section has the fault, and repeating this along the circuit until the fault is identified) Northpower treated this activity as one interruption because, until the fault was located and addressed, supply had not properly been restored along the HV.

From 1 April 2024 successive interruptions have been recorded as an additional SAIFI and SAIDI value if restoration of supply occurs for longer than one minute before being interrupted again. Comparative results using the EDB's current method will be produced for DY24 and DY25.

NORTHPOWER NETWORK YEAR TO 31 MARCH 2025 ELECTRICITY DISTRIBUTION INFORMATION DISCLOSURE (EDID) FOR RELATED PARTY TRANSACTIONS

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Summary of Northpower Network's Related Party Transactions

(Clause 2.3.8 of EDID requirements)

Related Party	Nature of Relationship	Principal Activity of Related Party	FY25 Expenditure with Related Party
Northpower Contracting Division	Both Northpower Network and Contracting division are part of Northpower Limited	The Contracting division provides maintenance and construction services for the electricity network.	Capital expenditure \$31.8m Operating expenditure (maintenance) \$13.5m
Northpower Fibre Limited	Northpower Limited is a shareholder of Northpower Fibre Limited	Northpower Fibre Limited owns and operates an ultra-fast broadband network in the Whangarei area.	Operating expenditure (leased fibre scada circuit for communications) \$149k
Busck Prestressed Concrete Limited	Mr Paul Yovich is a Trustee of Northpower Electric Power Trust, the Shareholder of Northpower Limited. Mr Yovich is also a Trustee of a Shareholder of Busck Prestressed Concrete Limited.	Supplier of concrete products to the network, mainly poles (Note: the majority of purchases from this supplier are made by Northpower Contracting division. This related party disclosure is for purchases made directly by Northpower Network.)	Capital expenditure \$0 Operating expenditure \$0k
Electricity Engineers' Association (EEA)	Ms Josie Boyd is the COO Network and an Executive Committee Member of the Electricity Engineers' Association.	Professional engineers employed by Northpower Network are members of the EEA and purchase products from EEA.	Operating expenditure \$39k

Summary of Northpower Network's Policy in Respect of Procurement of Assets or Goods or Services from any Related Party

(Clause 2.3.10 of EDID requirements)

Purpose

This is a summary of the policy that outlines Northpower Network's approach to purchasing goods, services or assets from its related parties, including how those assets are valued.

Introduction

This document outlines Northpower Network's approach to purchasing goods, services or assets from its related parties, including how those assets are valued.

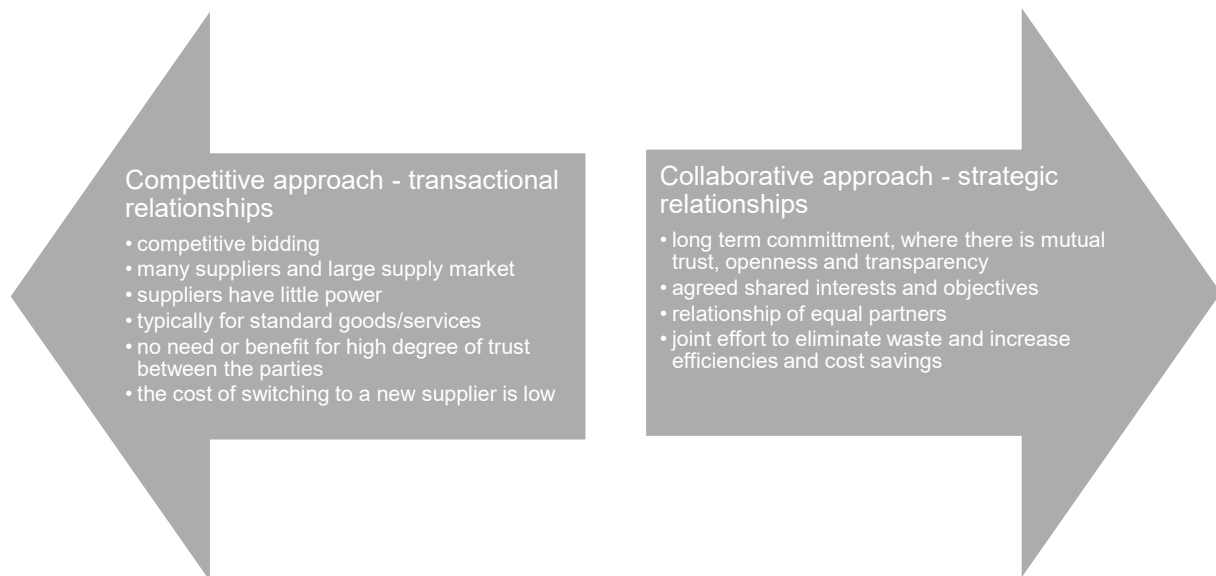
Procurement Objectives

The following objectives will inform Network's decision around the procurement of goods and services:

1. Ensuring that the services delivered meet the requirements and expectations of the consumers of Whangarei and Kaipara.
2. A delivery model that is cost effective and delivers efficiencies for the long-term benefit of consumers.
3. Achieving a high performing HSQE culture across all areas of its business, including staff and contractors.
4. The delivery of works programmes in accordance with Northpower's asset management strategies, including accessing resources to meet peak workloads.
5. Achieving innovation and continuous improvement in the areas identified above.

The choice around suppliers and procurement models, including transactions with related parties, will depend on the existing market for the specific goods or services, the strategic importance of the services, and the long-term needs of Network and its consumers.

Strategic supplier relationships are more likely to be based on a collaborative approach, underpinned by long term relationships. In contrast, goods or services with characteristics supporting a transactional relationship are likely to be subject to market contestability.



Where goods or services are not acquired through market contestability, Northpower will ensure that transactions are valued as if they were an arm's-length transaction.

Valuation of Transactions

Transactions between Network and its related parties will be conducted and valued as if it were an arm's-length transaction.

To meet these requirements, the following principles will be applied to all transactions with a related party who is providing goods or services to Network:

1. The value of a good or service acquired by Network must be given a value not greater than if that transaction had the terms of an arm's-length transaction;
2. The value of an asset or good or service sold or supplied to Network must be given a value not less than if that transaction had the terms of an arm's-length transaction;
3. Network will use an objective and independent measure in determining the terms of an arm's-length transaction for the purpose of principles 1 and 2 above.

For the purpose of principle 1, where a good or service is acquired from a third party and then on-sold to a related entity, the value of the subsequent transfer between related entities must reflect the amount charged by the third party.

Objective & Independent Measures of Value

Northpower will ensure that transactions with its related parties are valued on arm's-length terms by utilising independent and objective measures to establish that a related party transaction value is consistent with the value that would have otherwise been charged by an unrelated party commissioned to do the same work.

Methods used may include any or all of the following depending on the nature of the proposed transaction, the information reasonably available and what is practicable in the circumstances given the market for the relevant services.

- Commissioning a third party to undertake market benchmarking of the prices of substantially similar good or services.

- Conducting a tendering process for the goods or services.
- Undertaking internal benchmarking of the related party transactions against substantially same goods or services provided (by the related party) to its other customers.
- Engaging an expert to undertake an independent valuation to determine market value of the goods or service.

Procurement processes

External procurement processes will follow the Northpower Group Procurement Policy. Subject to Appendix 2 – Delegated Authority for Related Parties, all transactions, including those with related parties, must follow the Northpower Group Delegated Authorities Policy.

Confidentiality

The Northpower Group will adopt appropriate processes to protect the confidential and commercially sensitive information of its customers, its related parties and suppliers. These provisions include:

- The company will comply with the protocols outlined in Appendix 1 – Tendering involving Related Parties, where a tendering process is used.
- Appropriate protocols include information barriers, confidentiality undertakings and anonymisation of data.

Contractual Arrangements

Contractual arrangements with related parties will replicate good industry practice, be subject to regular review against market benchmarks, and may include an independent review.

Independent Representation

In some circumstances, it may be necessary for Network and its related parties to engage separate legal representation to provide sign off on the respective commercial terms.

Success Measures (Outcomes)

Successful implementation of this Network Policy will achieve the following outcomes:

- The Network Policy principles and objectives are met.
- Related party transactions are of a comparable value to relevant third party transactions.
- Network procurement processes are followed.

Tendering Involving Related Parties

The protocols set out below will be implemented by Northpower Network in order to receive and evaluate bids from related parties alongside third party contractors on a fair and compliant basis. These will also enable Northpower to mitigate process risks and enhance the attractiveness of the project for tenderers considering whether or not to submit a response.

- Disclosure that a related party has the capability to perform the project and will be invited to submit a bid.
- Disclosure of Evaluation Criteria in tender documents.
- Information barriers between Network and its related parties.
- Confidentiality undertakings required from Tenderers.
- Undertaking that pre-existing Intellectual Property is retained by Tenderers.
- Documentation of the Procurement Process to demonstrate probity.
- Briefings and de-briefings with successful and unsuccessful Tenderers.

The following two protocols may also be considered for sensitive RFPs

- Paying a stipend to Tenderers
- Appointing a Probity Adviser

A description of how Northpower Network's related party policy is applied in practice

(Clause 2.3.12.1 of EDID requirements)

Major capital projects (typically a defined set of works with a value of over \$250k) conducted by Northpower Network are generally based on fixed price contracts. EDB management will determine whether these projects should be subject to a competitive tender process or negotiated directly with Northpower Network's contracting partner, Northpower Contracting Division or negotiated directly with other external parties. In assessing whether these projects should be subject to tender, the EDB considers:

- The urgency of the project in terms of network function and safety
- Contractor availability and capability
- Whether the project will be seen as attractive to external contractors. This review involves factors such as the size of the project, the number of crews required, the type of work being undertaken, travel and mobilisation costs.

Competitive tender processes follow established tender processes that are based on industry recognised tendering and contracting frameworks (generally Standard NZS3910). Northpower Contracting Division is given the option to participate in the competitive tender process.

The specialised nature of construction and maintenance services for the EDB, including management of safety risks, dynamic workflow requirements and short response times along with the value of the work offered and efficiency benefits, lends itself to Northpower EDB establishing a preferred supplier relationship for the procurement of these services. Northpower EDB has this relationship with Northpower Contracting, which means that they complete the majority of the EDB's capital (other than tendered) and maintenance work. The Northpower Contracting Division is an established provider of construction and maintenance services for electrical networks for a number of EDB's. This provides the capability and scale to ensure the division is well placed to provide high quality and efficient services.

Work negotiated directly with the Northpower Contracting Division's Northland region is based on negotiated labour, plant and unit rates. With the exception of tendered projects, work completed by Northpower Contracting's Northland region is governed either by NZS 3910 (released by Standards New Zealand) or by a field services agreement (referred to as the Service Level Agreement (SLA)). The SLA outlines how Northpower Network and Contracting's Northland region will work together, specifies the scope of services provided by the Contracting's Northland region, details rates, and includes a set of KPI's. The agreement is negotiated between representatives of the two Northpower divisions and approved by the respective Executives. Work completed by Northpower Contracting's other regions is priced at the project rates offered to their local Network customers.

A description of any Northpower Network policies or procedures that require or have the effect of requiring the consumer to purchase assets or goods or services from a related party

(Clause 2.3.12.2 of EDID requirements)

To work on or near Northpower's electricity distribution network, a contractor must be deemed competent and authorised to complete the work undertaken to satisfactorily meet Network standards.

Network extensions or customer initiated works must be undertaken by a Network approved contractor.

No external contractor is authorised for the following customer chargeable work:

- a) HV network enhancements.
- b) Third party network damage.

Due to risk to people and property and with any delay, no external contractor is authorised to remediate third party network damage. For completeness, the cost of remedying third party network damage, which is generally recovered from the responsible party, remains part of the services provided under the SLA.

Representative examples of how Northpower Network's Related Party Policy has been applied for the procurement of assets or goods or services and how arm's length terms were tested

(Clauses 2.3.12.3 – 2.3.12.5 of EDID requirements)

Capex Projects: Competitive Tender

There were no competitive tenders that involved Northpower Contracting Division and external parties in the 2025 financial year.

Directly negotiated work with Northpower Contracting Division

Work completed by Northpower Contracting Division under direct negotiation is governed by a NZS 3910 or SLA and negotiated rates. Both the rates and SLA are negotiated between the divisional management teams and final approval is required from the Executive Managers of the respective divisions.

Northpower's Corporate Finance Division has completed industry benchmarking of the related party transactions between Northpower Network and Northpower Contracting Division for the year ended 31 March 2025. The Finance Division operates independently from Northpower Network and Contracting divisions and provides an impartial view. This arm's-length assessment focused on:

- Assessing how the Northpower Contracting Division sets rates charged to Northpower Network, compared to other customers;
- Comparing rates between a selection of customers;
- Comparing margins earned by the Northpower Contracting Division for a selection of customers;
- Comparing year-on year movements in rates by customer, labour type and unit cost type;
- Reviewing the management of the supplier relationship;
- Confirming the approval process of the SLA and agreed rates.

This assessment concluded that the related party transactions between Northpower Network and Northpower Contracting Division meet the valuation requirements outlined in disclosure determination paragraph 2.3.6.

Opex Programme: Vegetation

Vegetation control for Northpower's EDB has been completed by Northpower Contracting Division and a third party. An RFP was undertaken in June 2022 and rates from Northern Contracting and two other external parties from the RFP were compared by Northpower's Corporate Finance Division. This comparison concluded that the vegetation control rates between Northpower Network and Northpower Contracting Division meet the valuation requirements outlined in disclosure determination paragraph 2.3.6.

Procurement Examples

The following provide examples of the procurement process for work completed by Northpower Contracting under the SLA.

Faults Services

On 25th February 2025 at 1620 hours, the dispatcher received a call from New Zealand Police reporting an incident where a vehicle had hit a pole on Otaika Valley Road (Pole no 305557) and requested Northpower's attendance. The Dispatcher recorded this job in the faults management system under reference number 390615 and dispatched a contracting fault crew to the site. Traffic management was also required while the pole was replaced.

Northpower Contracting recorded the labour, plant, equipment and materials used in replacing the pole as detailed on the service request. An invoice was issued to Network (Faults invoicing batch 2760023) along with a copy of the unit rate billing sheet. This was approved for payment by Network.

Planned Maintenance

Northpower Network's maintenance is split between distribution and sub-stations. Each has an annual schedule of maintenance required. The maintenance tasks are created in our maintenance system and are packaged into a work pack and issued to Northpower Contracting. The current process is that a purchase order (PO) is automatically created in the ERP system (JDE) when the work pack is issued. Work is completed by Northpower Contracting and any defects that require further follow up are recorded. Northpower Contracting raise an invoice, which is matched to the PO in the ERP system. The invoice is automatically approved if it matches the purchase order; otherwise, the invoices are manually reviewed and approved if the charges are appropriate. Invoices that require approval are highlighted in an exceptions report.

Defects identified when Northpower Contracting are completing the preventative maintenance tasks are recorded on a data sheet and Northpower Contracting create 'tasks' in Wasp (the asset maintenance system). These are then planned and packaged into work packs by Northpower Contracting and sent to the Network team for approval before being sent back to Northpower Contracting to carry out the work.

Vegetation

A prioritised annual vegetation maintenance programme is established using a risk-based approach. Specialist inspectors carry out risk-based assessments on sites where vegetation poses a risk to the Network. They prepare a plan to mitigate the risk including an estimate of resource required. Details of any cutting work required is recorded in the maintenance system in a work pack. There is a built-in mechanism to approve and track works variations when there is a change in scope between the assessment and cutting stages. The work is then assigned to vegetation contractors (Northern Contracting or an external contractor) for clearance based on risk and available resource. If Northpower Contracting are carrying out the work, they invoice the Network once the work is complete. If the invoice is in line with the purchase orders, they are automatically approved. If there are variances Network management review and once the variance is understood and accepted the invoices are approved.

Capital Project

The conductor replacement programme is an example of a corrective capex project. There are routine sample tests carried out to identify conductors that are end of life. Conductors to include in conductor replacement projects are identified by the condition of the conductors and age. Network issue contracting a Project Job Sheet detailing works required. Northpower Contracting

prepare a Project Work Proposal detailing the methodology, timeline, and pricing to carry out the works. The Project Work Proposal is reviewed by Network, ensuring the proposal satisfies the requirements of the Project Job Sheet. If accepted, Network issues a purchase order accepting Northpower Contracting Project Work Proposal. Invoicing is done on a monthly basis as works are completed. Network approves the invoice if it is in line with the purchase order.

Northpower

CAPEX and OPEX in AMP Planning Period

Capital Project

Currently not indicated for supply by a related party.

Capital Project

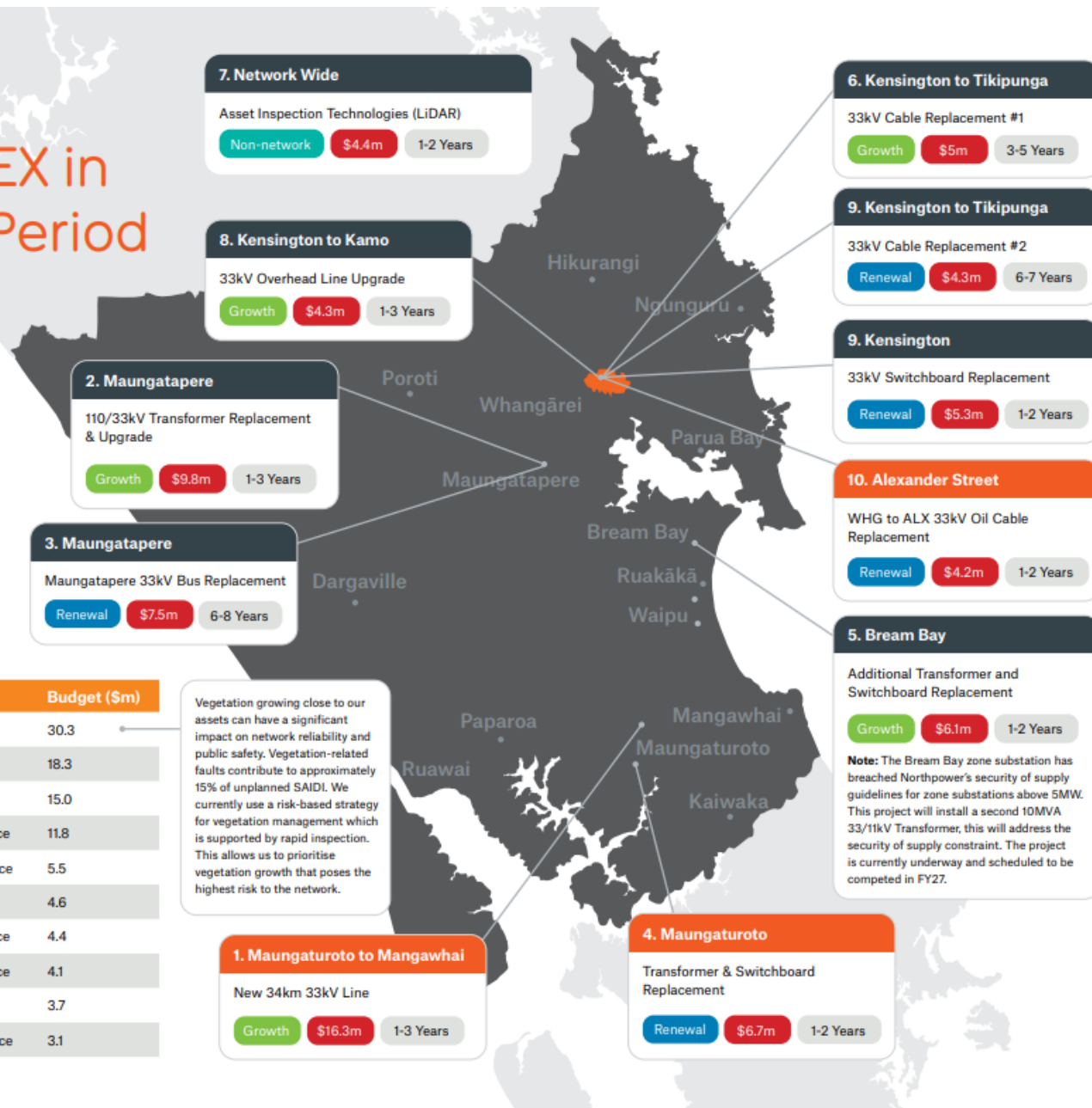
To be supplied by a related party.

Operating Program

With the exception of a small amount of vegetation management, this program is forecast to require the Capital Project supply of assets or goods or services by a related party.

Opex Programme	Maintenance type	Budget (\$m)
Vegetation	Corrective Maintenance	30.3
Overhead lines	Remedial Maintenance	18.3
Overhead lines	Corrective Maintenance	15.0
Overhead lines	Preventative Maintenance	11.8
Customer equipment	Value Added Maintenance	5.5
Ground mounted substations	Corrective Maintenance	4.6
Distribution earthing	Preventative Maintenance	4.4
Ground mounted substations	Preventative Maintenance	4.1
Underground cables	Remedial Maintenance	3.7
Cable location	Value Added Maintenance	3.1

Vegetation growing close to our assets can have a significant impact on network reliability and public safety. Vegetation-related faults contribute to approximately 15% of unplanned SAIDI. We currently use a risk-based strategy for vegetation management which is supported by rapid inspection. This allows us to prioritise vegetation growth that poses the highest risk to the network.



DIRECTORS' CERTIFICATE

We, Mark Trigg and Kerry Friend, being Directors of Northpower Limited, certify that, having made all reasonable enquiry, to the best of our knowledge –

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



Director
Mark Trigg
Date 27 August 2025



Director
Kerry Friend
Date 27 August 2025



**INDEPENDENT ASSURANCE REPORT
TO THE DIRECTORS OF NORTHPOWER LIMITED AND TO THE COMMERCE COMMISSION
ON THE DISCLOSURE INFORMATION
FOR THE DISCLOSURE YEAR ENDED 31 MARCH 2025
AS REQUIRED BY
THE ELECTRICITY INFORMATION DISCLOSURE DETERMINATION 2012, AS AMENDED BY
THE ELECTRICITY DISTRIBUTION INFORMATION DISCLOSURE
(TARGETED REVIEW 2024) AMENDMENT DETERMINATION 2024 [2024] NZCC 2**

Northpower Limited (the 'Company') is required to disclose certain information under the Electricity Information Disclosure Determination 2012, as amended by 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, Silvio Bruinsma, using the staff and resources of Deloitte Limited, to undertake a reasonable assurance engagement, on his behalf, on whether the information prepared by the Company for the disclosure year ended 31 March 2025 (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 5h, 6a and 6b, 7, 10 and 10a (limited to the 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 (including any amendments to that determination) (the 'IM Determination'), in respect of the basis for valuation of related party transactions (the 'Related Party Transaction Information').

Opinion

In our opinion, in all material respects, for the disclosure year ended 31 March 2025:

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

Basis for opinion

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised) Assurance Engagements Other Than Audits or Reviews of Historical Financial Information ("ISAE (NZ) 3000 (Revised)") and the Standard on Assurance Engagements (SAE) 3100 (Revised) Compliance Engagements ("SAE 3100 (Revised)"), issued by the New Zealand Auditing and Assurance Standards Board.

We have obtained sufficient recorded evidence and explanations that we required to provide a basis for our 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>Accuracy and completeness of the quantity and duration of electricity outages and ICP numbers</p> <p>The Information Disclosure Determination defines certain quality measures in relation to the number and duration of interruptions, faults, and causes of faults. These quality measures are expressed in the form of SAIDI and SAIFI values.</p> <p>The accuracy of the data is a key audit matter because information on the frequency and duration of outages is an important measure about the reliability of electricity supply.</p> <p>The completeness of the data is a key audit matter because the details of the faults are entered manually into the fault outage report, which is used to calculate the SAIDI/ SAIFI.</p> <p>The feeder maps capture the Individual Connection Point data that is used in the calculation of the SAIDI and SAIFI values.</p>	<p>We have:</p> <ul style="list-style-type: none"> • Obtained an understanding of the Company's methods by which electricity outages and their duration are recorded; • Assessed the design and implementation of key controls related to the recording, reconciliation and review of the outage data obtained from the outage report; • For a sample of outages, observed the number of consumers affected from the feeder maps on the date of testing and assessed the reasonability of this number against impacted consumers recorded in the data; • Reviewed the recorded detail for a sample of outages and ensured that the appropriate dates and times were used and the outage was started and ended by an appropriate individual.

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 you, or for any other purpose than that for which it was prepared.

Independence and quality management

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

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



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

A handwritten signature in cursive script, reading "Silvio Bruinsma".

Silvio Bruinsma
Deloitte Limited
On behalf of the Auditor-General
Auckland, New Zealand
27 August 2025