

EDB Information Disclosure Requirements Information Templates

Schedules 1-10 excluding 5f-5h

Company Name
Disclosure Date
Disclosure Year (year ended)

Northpower

31 August 2025

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
For Year Ended

Northpower
31 March 2025

Expenditure per

km circuit length

(\$/km)

5.952

2,250

3,703

8,633

8,388

245

Expenditure per IVIVA

of capacity from EDB-

owned distribution

transformers

(\$/MVA)

60,236

22,766

37,470

87,369

84,888

2,480

Expenditure per

MW maximum

coincident system

demand

(\$/MW)

246,231

93,064

153,168

357,142

347,003

10,139

Expenditure per

average no. of

ICPs

(\$/ICP)

576

218

359

836

812

24

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.

Expenditure per

GWh energy

delivered to ICPs

(\$/GWh)

47.713

18,033

29,680

69,205

67,240

1,965

nue ner GWh

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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cch	rof	
sch	161	

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	1		_				_	
7	1	.(i):	Exp	end	itur	e m	etri	C

Operational	expenditure

Network Non-network

Expenditure on assets

Network Non-network

										_
1	m):	R	e١	/e	nı	ıе	m	etı	rics

Total consumer line charge revenue

Standard consumer line charge revenue Non-standard consumer line charge revenue

nevenue per even	nevenue per	
energy delivered	average no. of	
to ICPs	ICPs	
(\$/GWh)	(\$/ICP)	
100,950	1,220	
110,885	1,017	
69,700	1,455,200	

1(iii): Service intensity measures

Demand density
Volume density
Connection point density
Energy intensity

24
125
10
12,081

Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

Operational expenditure

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

Total depreciation

Total revaluations

Regulatory tax allowance

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

Total regulatory income

1(v): Reliability

Interruption rate

(\$000)	% of revenue
---------	--------------

46.78%
24.20%
17.94%
12.28%
2.73%
20.63%

Interruptions per 100 circuit km

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).

 ${\tt EDBs\ must\ provide\ explanatory\ comment\ on\ their\ ROI\ in\ Schedule\ 14\ (Mandatory\ Explanatory\ Notes)}.$

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.

_	2(i): Return on Investment	CY-2	CY-1	Current Year CY
8 9	ROI – comparable to a post tax WACC	%	%	%
	Reflecting all revenue earned	5.91%	4.62%	3.59%
ı	Excluding revenue earned from financial incentives	5.91%	4.62%	3.59%
2	Excluding revenue earned from financial incentives and wash-ups	5.91%	4.62%	3.59%
3				
1	Mid-point estimate of post tax WACC	4.88%	6.05%	6.189
	25th percentile estimate	4.20%	5.37%	5.509
,	75th percentile estimate	5.56%	6.73%	6.869
	ROI – comparable to a vanilla WACC			
	Reflecting all revenue earned	6.43%	5.32%	4.319
	Excluding revenue earned from financial incentives	6.43%	5.32%	4.319
	Excluding revenue earned from financial incentives and wash-ups	6.43%	5.32%	4.319
		3.1370	2.3270	
	WACC rate used to set regulatory price path			
	Mid-point estimate of vanilla WACC	5.39%	6.75%	6.90
	25th percentile estimate	4.71%	6.07%	6.22
	75th percentile estimate	6.07%	7.43%	7.58
	Total opening RAB value	386,466		
	plus Opening deferred tax	(18,102)		
	Opening RIV		368,364	
l		<u> </u>		
Ι.	Line charge revenue		78,634	
		<u> </u>	78,034	
	Expenses cash outflow	56,389	76,034	
	Expenses cash outflow add Assets commissioned	56,389 32,581	78,034	
			76,034	
	add Assets commissioned	32,581	76,034	
	add Assets commissioned less Asset disposals	32,581 203	78,034	
	add Assets commissioned less Asset disposals add Tax payments	32,581 203 (308)	76,634 87,644	
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows	32,581 203 (308)		
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income	32,581 203 (308)		
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance	32,581 203 (308) 816		
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value	32,581 203 (308) 816		
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation	32,581 203 (308) 816		
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation less Lost and found assets adjustment	32,581 203 (308) 816 414,549 199		
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation less Lost and found assets adjustment plus Closing deferred tax	32,581 203 (308) 816	87,644	
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation less Lost and found assets adjustment	32,581 203 (308) 816 414,549 199		
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation less Lost and found assets adjustment plus Closing deferred tax	32,581 203 (308) 816 414,549 199	87,644	4.31
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation less Lost and found assets adjustment plus Closing deferred tax Closing RIV ROI – comparable to a vanilla WACC	32,581 203 (308) 816 414,549 199	87,644	
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation less Lost and found assets adjustment plus Closing deferred tax Closing RIV ROI – comparable to a vanilla WACC Leverage (%)	32,581 203 (308) 816 414,549 199	87,644	4.319
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation less Lost and found assets adjustment plus Closing deferred tax Closing RIV ROI – comparable to a vanilla WACC Leverage (%) Cost of debt assumption (%)	32,581 203 (308) 816 414,549 199	87,644	429 6.129
	add Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows Term credit spread differential allowance Total closing RAB value less Adjustment resulting from asset allocation less Lost and found assets adjustment plus Closing deferred tax Closing RIV ROI – comparable to a vanilla WACC Leverage (%)	32,581 203 (308) 816 414,549 199	87,644	429

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).

61	2(iii): Information Supporting	the Monthly ROI					
62							21/0
63 64	Opening RIV						N/A
65							
		Line charge	Expenses cash	Assets	Asset	Other regulated	Monthly net cash
66		revenue	outflow	commissioned	disposals	income	outflows
67	April						-
68 69	May June						-
70	July						_
71	August						-
72	September						-
73	October						-
74	November						-
75 76	December January						-
77	February						_
78	March						-
79	Total	-	-	-	-	-	-
80							
81	Tax payments						N/A
82	T dia di diffe						21/2
83 84	Term credit spread differential	allowance					N/A
85	Closing RIV						N/A
86	· ·						
87							
88	Monthly ROI – comparable to a va	anilla WACC					N/A
89							21/2
90	Monthly ROI – comparable to a po	ost tax WACC					N/A
91 92	2(iv): Year-End ROI Rates for (Comparison Purposes	,				
93	_(,						
94	Year-end ROI – comparable to a v	anilla WACC					4.26%
95							
96	Year-end ROI – comparable to a p	ost tax WACC					3.54%
97	* +		: 2012 dil				
98 99	* these year-end ROI values are co	mparable to the KUI reported	in pre 2012 disclosures b	y EDBs and do not rep	resent the Commis	sion's current view on	i ROI.
100	2(v): Financial Incentives and	Wash-Ups					
101		·					
102	IRIS incentive adjustment						
103	Purchased assets – avoided tran	•					
104	Innovation and non-traditional	solutions recovered amount					
105 106	Quality incentive adjustment Other CPP financial incentives					<u> </u>	-
107	Financial incentives						_
108							
109	Impact of financial incentives on I	ROI					-
110							
111	Input methodology claw-back						
112	CPP Ligant project allowance	its					Not Paguired before D
113 114	CPP Urgent project allowance Reopener event allowance						Not Required before D'
115	Wash-up draw down amount						Not Required before D
116	Catastrophic event allowance						Not Required after DY2
117	Capex wash-up adjustment						Not Required after DY2
118	Transmission asset wash-up adj						Not Required after DY2
119	2013–15 NPV wash-up allowand						Not Required after DY2 Not Required after DY2
120	Reconsideration event allowand						

	Company Name Northpower For Year Ended 31 March 2025								
9	SCHEDULE 2: REPORT ON RETURN ON INVESTMENT								
c n E	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.								
12									
12	Wash-up costs	-							
12									
12	Impact of wash-up costs on ROI	-							

		Company Name	Northpower
		For Year Ended	31 March 2025
SCH	IEDUL	E 3: REPORT ON REGULATORY PROFIT	
		quires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all secti	ons and provide explanatory comment
	_	ory profit in Schedule 14 (Mandatory Explanatory Notes). I is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assuranc	te report required by section 2.8.
ch ref		· · · · · · · · · · · · · · · · · · ·	
	2/:\. D	agulataw. Dvafit	(\$000)
7		egulatory Profit	(\$000)
8 9		Income	78,634
10	plus	Line charge revenue Gains / (losses) on asset disposals	78,034
11	plus	Other regulated income (other than gains / (losses) on asset disposals)	816
12	μ		
13		Total regulatory income	79,450
14		Expenses	
15	less	Operational expenditure	37,166
16			
17	less	Pass-through and recoverable costs excluding financial incentives and wash-ups	19,223
18			
19		Operating surplus / (deficit)	23,061
20 21	less	Total depreciation	14,252
22	1633	Total deplectation	14,232
23	plus	Total revaluations	9,753
24	·		
25		Regulatory profit / (loss) before tax	18,563
26			
27	less	Term credit spread differential allowance	_
28			
29	less	Regulatory tax allowance	2,171
30 31		Regulatory profit/(loss) including financial incentives and wash-ups	16,391
32		negulatory promy (1033) metuding infancial incentives and wash-ups	10,331
22	2/::\. [ass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
33			(\$000)
34 35		Pass through costs Electricity lines service charge payable to Transpower	Not Required before
36		Transpower new investment contract charges	Not Required before
37		System operator services	Not Required before
38		Rates	145
39		Commerce Act levies	86
40		Industry levies	269
41		CPP or DPP specified pass-through costs	
42		Recoverable costs excluding financial incentives and wash-ups	
43		Independent engineer costs	Not Required before
44		FENZ levies	Not Required before
45		Electricity lines service charge payable to Transpower	18,724 Not Required after D
46		Transpower new investment contract charges	Not Required after D
47		System operator services	Not Required after D
48		Distributed generation allowance	Not Required after D
49		Extended reserves allowance Other CRP reserves ble ports evaluating financial insentitives and wash une	
50 51		Other CPP recoverable costs excluding financial incentives and wash-ups Pass-through and recoverable costs excluding financial incentives and wash-ups	19,223
52		ass-through and recoverable costs excluding manetal incentives and wash-ups	15,225
53	3(iv)·	Merger and Acquisition Expenditure	
	5().		
54			(\$000)
55		Merger and acquisition expenditure	
56			
57		Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including section 2.7, in Schedule 14 (Mandatory Explanatory Notes)	g required disclosures in accordance with
37		Section 2.7, in Schedule 14 (Mandatory Explanatory Notes)	
58	3(v): C	other Disclosures	
			(\$000)
59			(\$000)

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.

	ut					
7 8 9	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)
10		279,361	298,438	328,448	353,169	386,466
11						
12	less Total depreciation	10,574	11,454	12,204	13,043	14,252
13 14 15	plus Total revaluations	4,241	20,647	21,787	14,140	9,753
16 17		24,903	20,879	15,667	33,263	32,581
18 19	less Asset disposals	29	453	151	985	203
20 21	plus Lost and found assets adjustment	-	-	-	-	-
22	plus Adjustment resulting from asset allocation	536	392	(379)	(78)	199
23						
24 25	Total closing RAB value	298,438	328,448	353,169	386,466	414,549
26 27 28 29			Unallocate (\$000)	d RAB * (\$000) 389,289	(\$000)	(\$000) 386,466
30 31 32	Total depreciation			14,376		14,252
33	plus Total revaluations		Γ	9,824		9,753
34	plus					
35		_	3,712		3,712	
36	Assets commissioned out of WUC Not Required before DY2026	_		_		
37 38	Assets acquired (other than below) Not Required before DY2026 Assets acquired from a regulated supplier	-		_		
39	Assets acquired from a related party		28,869		28,869	
40	Assets commissioned	_	.,	32,581		32,581
41	less					
42	Asset disposals (other than below)	_	203		203	
43	Asset disposals to a regulated supplier	_				
44	Asset disposals to a related party			200		200
45 46			L	203		203
47	plus Lost and found assets adjustment					
48 49 50						199
51	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.

				Company Name	Northpower
				For Year Ended	31 March 2025
SC	HEDULE	4: REPORT ON VALUE OF THE REGULATO	ORY ASSET BASE (ROLLED FORWARD)		
			(RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2.		
			(Mandatory Explanatory Notes). This information is part of audited disclosure information (as de	fined in section 1.4 of this ID determina	ation), and so is subject to the assurance report
req	uired by section	on 2.8.			
ch ro	r				
sch rej					
53					
54	4(iii)· Ca	alculation of Revaluation Rate and Revaluation	n of Assets		
55	.(,. 0				
56		CPI ₄			1,299
57		CPI ₄ -4			1,267
58		Revaluation rate (%)			2.53%
59					
60				Unallocated RAB *	RAB
61				(\$000) (\$00	0) (\$000) (\$000)
62		Total opening RAB value		389,289	386,466
63	less	Opening value of fully depreciated, disposed and lost assets		304	304
64					
65		Total opening RAB value subject to revaluation		388,985	386,162
66	1	Total revaluations			9,824 9,753
67					
68	Alisa\- Da	oll Forward of Works Under Construction			
08	4(IV). IN	on Forward or Works Officer Construction			
				Unallocated works und	er
69				construction	Allocated works under construction
70		Works under construction—preceding disclosure year	Not Required after DY2025		16,917 14,320
71		Capital expenditure	Not Required after DY2025	44,467	44,467
72	less	Assets commissioned	Not Required after DY2025	32,581	32,581
73 74		Adjustment resulting from asset allocation	Not Required after DY2025		28,802 26,206
74	'	Works under construction - current disclosure year	Not Required after DY2025	<u> </u>	28,802 26,206
				Unallocated works und	er
75				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		
87		Highest rate of capitalized finance applied			
88 89		Highest rate of capitalised finance applied			
89					

Company Name	Northpower		
For Year Ended	31 March 2025		

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

	must provide explanatory comment on the value of their RAB in ed by section 2.8.	Tochedale 14 (Mana	atory explanatory i	iotes). This informat	ion is part or audite	a aisciosure informa	ition (as defined in s	ection 1.4 of this ID	determination, an	d so is subject to th	e assurance rep
ref											
00	4(v): Regulatory Depreciation										
1	., .							Unallocat	ed RAB *	R/	AB
2								(\$000)	(\$000)	(\$000)	(\$000)
3	Depreciation - standard							13,451		13,332	
	Depreciation - no standard life assets							925		920	
	Depreciation - modified life assets										
	Depreciation - alternative depreciation in accorda	ince with CPP					l		44.276		
	Total depreciation								14,376		14
	4(vi): Disclosure of Changes to Depreciation	Profiles							(\$000 ເ	ınless otherwise sp	ecified)
										Closing RAB value	
									Depreciation	under 'non-	Closing RAB
									charge for the	standard'	under 'stan
	Asset or assets with changes to depreciation*				Reaso	n for non-standard	depreciation (text	entry)	period (RAB)	depreciation	depreciat
	* include additional rows if needed										
	4(vii): Disclosure by Asset Category						arwice cnecified)				
	4(vii): Disclosure by Asset Category					(\$000 unless oth					
	4(vii): Disclosure by Asset Category	Subtransmission	Subtransmission		Distribution and		Distribution	Distribution	Other network	Non-network	
	4(vii): Disclosure by Asset Category	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	(\$000 unless oth Distribution and LV cables		Distribution switchgear	Other network assets	Non-network assets	Total
	4(vii): Disclosure by Asset Category Total opening RAB value			Zone substations 54,317		Distribution and	Distribution substations and				
		lines	cables		LV lines	Distribution and LV cables	Distribution substations and transformers	switchgear	assets	assets	386
	Total opening RAB value	lines 8,646	cables 10,846	54,317	LV lines 154,348	Distribution and LV cables 54,949	Distribution substations and transformers 61,047	switchgear 11,754	assets 6,540	assets 24,019	386 14
	Total opening RAB value less Total depreciation	8,646 401	cables 10,846 345	54,317 1,817	LV lines 154,348 5,197	Distribution and LV cables 54,949 2,134	Distribution substations and transformers 61,047 2,118	switchgear 11,754 519	assets 6,540 801	24,019 920	386 14
	Total opening RAB value less Total depreciation plus Total revaluations	8,646 401 218	cables 10,846 345 274	54,317 1,817 1,371	LV lines 154,348 5,197 3,902	Distribution and LV cables 54,949 2,134 1,388	Distribution substations and transformers 61,047 2,118 1,539	switchgear 11,754 519 296	6,540 801 165	24,019 920 605	386 14
	Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned less Asset disposals plus Lost and found assets adjustment	8,646 401 218	cables 10,846 345 274	54,317 1,817 1,371 8,216	LV lines 154,348 5,197 3,902 9,840 -	Distribution and LV cables 54,949 2,134 1,388 781 -	Distribution substations and transformers 61,047 2,118 1,539 9,464	switchgear 11,754 519 296 1,586	801 165 144	24,019 920 605 2,550	386 14
	Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation	8,646 401 218 	20bles 10,846 345 274	54,317 1,817 1,371 8,216 — — —	154,348 5,197 3,902 9,840 - 183	Distribution and LV cables 54,949 2,134 1,388 781 15	Distribution substations and transformers 61,047 2,118 1,539 9,464 108	switchgear 11,754 519 296 1,586 27 -	6,540 801 165 144 	24,019 920 605 2,550 68	386 14
	Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers	8,646 401 218 -	2016s 10,846 345 274	54,317 1,817 1,371 8,216 - - - -	154,348 154,348 5,197 3,902 9,840 - - 183 -	Distribution and LV cables 54,949 2,134 1,388 781 15	Distribution substations and transformers 61,047 2,118 1,539 9,464 108	switchgear 11,754 519 296 1,586 27	801 6,540 801 165 144 	24,019 920 605 2,550 68	386
	Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation	8,646 401 218 	20bles 10,846 345 274	54,317 1,817 1,371 8,216 — — —	154,348 5,197 3,902 9,840 - 183	Distribution and LV cables 54,949 2,134 1,388 781 15	Distribution substations and transformers 61,047 2,118 1,539 9,464 108	switchgear 11,754 519 296 1,586 27 -	6,540 801 165 144 	24,019 920 605 2,550 68	386
	Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Total closing RAB value	8,646 401 218 -	2016s 10,846 345 274	54,317 1,817 1,371 8,216 - - - -	154,348 154,348 5,197 3,902 9,840 - - 183 -	Distribution and LV cables 54,949 2,134 1,388 781 15	Distribution substations and transformers 61,047 2,118 1,539 9,464 108	switchgear 11,754 519 296 1,586 27	801 6,540 801 165 144 	24,019 920 605 2,550 68	386 14 5 32
	Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers	8,646 401 218 -	2016s 10,846 345 274	54,317 1,817 1,371 8,216 - - - -	154,348 154,348 5,197 3,902 9,840 - - 183 -	Distribution and LV cables 54,949 2,134 1,388 781 15	Distribution substations and transformers 61,047 2,118 1,539 9,464 108	switchgear 11,754 519 296 1,586 27	801 6,540 801 165 144 	24,019 920 605 2,550 68	Total 386, 14, 9, 32, 414, (years)

		Со	mpany Name	Northpower	
		Fo	or Year Ended	31 March 2025	
SCHE	DULE!	5a: REPORT ON REGULATORY TAX ALLOWANCE			_
		ires information on the calculation of the regulatory tax allowance. This information is used	d to calculate regulatory	profit/loss in Schedule 3 (regulatory	
		provide explanatory commentary on the information disclosed in this schedule, in Schedul			
This infor	mation is	part of audited disclosure information (as defined in section 1.4 of this ID determination),	and so is subject to the a	ssurance report required by section 2.	.8.
ch ref					
7 5	a(i): R	egulatory Tax Allowance		(\$000)	
8		Regulatory profit / (loss) before tax		18,56	63
9					_
10	plus	Income not included in regulatory profit / (loss) before tax but taxable		*	
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible		18 *	
12		Amortisation of initial differences in asset values		4,532	
13		Amortisation of revaluations		3,587	
14	1	Total		8,13	37
15					
16	less	Total revaluations		9,753	
17		Income included in regulatory profit / (loss) before tax but not taxable			
18		Discretionary discounts and customer rebates		<u> </u>	
19		Expenditure or loss deductible but not in regulatory profit / (loss) before tax		0.101	
20		Notional deductible interest Fotal		9,191	44
22	'	lotal		18,94	44
23		Regulatory taxable income		7,75	55
24		,		<u> </u>	_
25	less	Utilised tax losses			
26		Regulatory net taxable income		7,75	55
27					
28		Corporate tax rate (%)		28%	_
29	ı	Regulatory tax allowance		2,17	71
30					
31	* Work	ings to be provided in Schedule 14			
32 5	a(ii): D	isclosure of Permanent Differences			
33		In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asteris	sked categories in Schedu	le 5a(i).	
34 5	a(iii): /	Amortisation of Initial Difference in Asset Values		(\$000)	
35	, ,				
36		Opening unamortised initial differences in asset values		82,935	
37	less	Amortisation of initial differences in asset values		4,532	
38	plus	Adjustment for unamortised initial differences in assets acquired			

78,403

18.3

39

less

Adjustment for unamortised initial differences in assets disposed

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

Closing unamortised initial differences in asset values

		Compan	y Name	Northpow	er
		For Yea	r Ended	31 March 2	025
SC	HEDULE	5a: REPORT ON REGULATORY TAX ALLOWANCE			
prof	it). EDBs mus	uires information on the calculation of the regulatory tax allowance. This information is used to calc t provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (M s part of audited disclosure information (as defined in section 1.4 of this ID determination), and so i	landatory Explana	atory Notes).	
ch rej					
44	5a(iv):	Amortisation of Revaluations			(\$000)
45 46		Opening sum of RAB values without revaluations		301,926	
47		Opening sum of the values without revaluations		301,320	
48		Adjusted depreciation		10,665	
49		Total depreciation		14,252	
50		Amortisation of revaluations			3,587
51					
52	5a(v): I	Reconciliation of Tax Losses			(\$000)
53					
54		Opening tax losses			
55 56	plus Iess	Current period tax losses Utilised tax losses			
57		Closing tax losses			-
				-	
58	5a(vi):	Calculation of Deferred Tax Balance			(\$000)
59					
60		Opening deferred tax		(18,102)	
61 62	plus	Tax effect of adjusted depreciation		2,986	
63	ρius	rax effect of adjusted depreciation		2,380	
64	less	Tax effect of tax depreciation		3,811	
65					
66	plus	Tax effect of other temporary differences*		(347)	
67					
68 69	less	Tax effect of amortisation of initial differences in asset values		1,269	
70	plus	Deferred tax balance relating to assets acquired in the disclosure year			
71	,				
72	less	Deferred tax balance relating to assets disposed in the disclosure year		(32)	
73					
74 75	plus	Deferred tax cost allocation adjustment		(70)	
76		Closing deferred tax		Г	(20,581)
77				_	, , ,
78	5a(vii).	Disclosure of Temporary Differences			
70	Ju(vii).	In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked cate	egory in Schedule	5a(vi) (Tax effect of ot	her temporary
79		differences).		•	
80	F - /	Developer Ten Asset Desc Bell Fr			
81	5a(viii)	: Regulatory Tax Asset Base Roll-Forward			(4005)
82 83		Opening sum of regulatory tax asset values		160,067	(\$000)
84	less	Tax depreciation		13,612	
85	plus	Regulatory tax asset value of assets commissioned		34,694	
86	less	Regulatory tax asset value of asset disposals		87	
87	plus	Lost and found assets adjustment			
00	nluc	Adjustment resulting from asset allocation		(52)	

181,010

89 90

Other adjustments to the RAB tax value

Closing sum of regulatory tax asset values

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

	7	5b(i): Summary—Related Party Transactions	(\$000)	(\$000)
ı	8	Total regulatory income		
ı	9			<u> </u>
ı	10	Market value of asset disposals		
	11			
ı	12	Service interruptions and emergencies	3,013	
ı	13	Vegetation management	2,785	
ı	14	Routine and corrective maintenance and inspection	4,097	
ı	15	Asset replacement and renewal (opex)	3,387	
ı	16	Network opex		13,281
ı	17	Business support	39	
ı	18	System operations and network support	330	
ı	19	Non-network solutions provided by a related party or third party	-	
ı	20	Operational expenditure		13,650
ı	21	Consumer connection	1,623	
ı	22	System growth	5,188	
ı	23	Asset replacement and renewal (capex)	24,506	
ı	24	Asset relocations	(0)	
ı	25	Quality of supply	807	
- 1	26	Legislative and regulatory	599	
П	27	Other reliability, safety and environment	705	
ı	28	Expenditure on non-network assets		1
	29	Expenditure on assets		33,429
ı	30	Cost of financing		
ı	31	Value of capital contributions		1,623
П	32	Value of vested assets		
П	33	Capital Expenditure		31,806
П	34	Total expenditure		45,456
	35			
	36	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 transaction	S	47,079

^{*} include additional rows if needed

Company Name	Northpower
For Year Ended	31 March 2025

e years.
Credit Debt issue cost
ifference readjustment

Company Name For Year Ended	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.

s	sch ref	•					
	ĺ						
	7	5d(i): Operating Cost Allocations					
	8			Value alloca	ited (\$000s)		
				Electricity	Non-electricity		
	9		Arm's length deduction	distribution services	distribution services	Total	OVABAA allocation increase (\$000s)
	10	Service interruptions and emergencies	deddction	Sel Vices	3EI VICES	Total	mcrease (50003)
	11	Directly attributable		3,383			
	12	Not directly attributable		3,363			
	13	Total attributable to regulated service		3,383			
	14	Vegetation management		5,252			
	15	Directly attributable		3,106			
	16	Not directly attributable		3,100		_	
	17	Total attributable to regulated service		3,106			
	18	Routine and corrective maintenance and inspection					
	19	Directly attributable		3,999			
	20	Not directly attributable		5,555		_	
	21	Total attributable to regulated service		3,999			
	22	Asset replacement and renewal					
	23	Directly attributable		3,558			
	24	Not directly attributable				-	
	25	Total attributable to regulated service		3,558			
	26	Non-network solutions provided by a related party or third party					
	27	Directly attributable					
	28	Not directly attributable				-	
	29	Total attributable to regulated service		_			
	30	System operations and network support					
	31	Directly attributable		10,190			
	32	Not directly attributable				-	
	33	Total attributable to regulated service		10,190			
	34	Business support					
	35	Directly attributable		6,913			
	36	Not directly attributable		6,016	16,125	22,141	
	37	Total attributable to regulated service		12,929			
	38 39	Operating costs directly attributable		31,150			
	40	Operating costs on directly attributable Operating costs not directly attributable	_	6,016	16,125	22,141	
	41	Operating costs not directly attributable Operational expenditure		37,166	10,123	22,141	
	42	-p		3.,100			
	72						

Company Name	Northpower
For Year Ended	31 March 2025

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

	schedule provides information on the allocation of operational costs. EDBs mus nformation is part of audited disclosure information (as defined in section 1.4 o			pact of any reclassif
ref				
13	5d(ii): Other Cost Allocations			
44	Pass through and recoverable costs		(\$000)	
15	Pass through costs			
16	Directly attributable		500	
17	Not directly attributable			
18	Total attributable to regulated service		500	
19	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))
56	Change in cost allocation 1			Current Year (CY)
57	Cost category		Original allocation	
58	Original allocator or line items		New allocation	
9	New allocator or line items		Difference –	-
0				
51	Rationale for change			
62				
63 64			(\$000	
55	Change in cost allocation 2			Current Year (CY)
56	Cost category		Original allocation	
57	Original allocator or line items		New allocation	
8	New allocator or line items		Difference –	-
9				
70	Rationale for change			
71				
72			Itaaa	
73	Change in cost allocation 3		(\$000 CY-1 C	Urrent Year (CY)
75	Cost category		Original allocation	current rear (CT)
76	Original allocator or line items		New allocation	
77	New allocator or line items		Difference –	-
8				
79	Rationale for change			
80				
81				
82	* a change in cost allocation must be completed for each cost allocator change	e that has occurred in the disclosure year. A movement in	n an allocator metric is not a change in allocator or component.	
33	† include additional rows if needed			

Company Name	Northpower
For Year Ended	31 March 2025

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.

ch ref						
7	5e(i): Regulated Service Asset Values					
	,, C			Value allocated		
8				(\$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 15	Subtransmission cables 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 Total attributable to regulated service			62,087		
22	Distribution and LV lines			02,087		
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 Not directly attributable			54,591 409		
28 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			12,000		
35 36	Directly attributable Not directly attributable			13,090		
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 43	Non-network assets Directly attributable			22,477		
44	Not directly attributable			3,708		
45	Total attributable to regulated service			26,186		
46					Ì	
47 48	Regulated service asset value directly attributable Regulated service asset value not directly attributa	hla		402,337 12,213		
49	Total closing RAB value	DIE .		414,549		
50	·			· · · · ·		
- 1	5e(ii): Changes in Asset Allocations* †					
51 52	Se(ii). Changes in Asset Anocations					(\$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		J	Difference	_	-
57 58	Rationale for change					
59						
60						
61						(\$000)
62 63	Change in asset value allocation 2 Asset category		1	Original allocation	CY-1	Current Year (CY)
64	Original allocator or line items			New allocation		
65	New allocator or line items			Difference	-	-
66						
67 68	Rationale for change					
69						
70						(\$000)
71	Change in asset value allocation 3				CY-1	Current Year (CY)

wer 2025
2025
mation is part of audited
hange in allocator or componen
ange in anocator or componen

For Year Ended Northpower

S1 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	f		
7	6a(i): Expenditure on Assets	(\$000)	(\$000)
8			7,166
9	System growth		11,774
10	Asset replacement and renewal		28,615
11	Asset relocations		(25)
12			1
13		3,300	
14		729	
15 16		818	4,847
17			52,376
18			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			
28			
29	Research and development		
	2 (111)		
31		*****	*****
32		(\$000)	(\$ 000)]
33 34		7,166	
35			
36			
37			
38	* include additional rows if needed		
39	Company or an artist of the company		
1 40			7,166
40		10 581	7,166
40 41 42	less Capital contributions funding consumer connection expenditure	10,581	
41	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions	10,581	7,166 (3,416) Asset
41	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions		(3,416) Asset Replacement and
41 42 43 44	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal	System Growth	(3,416) Asset Replacement and Renewal
41 42 43 44 45	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal	System Growth (\$000)	(3,416) Asset Replacement and Renewal (\$000)
41 42 43 44 45 46	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission	System Growth (\$000) 1,424	(3,416) Asset Replacement and Renewal (\$000) 3,348
41 42 43 44 45 46 47	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations	System Growth (\$000) 1,424 7,778	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360
41 42 43 44 45 46 47 48	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines	System Growth (\$000) 1,424	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383
41 42 43 44 45 46 47	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables	System Growth (\$000) 1,424 7,778 1,309	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360
41 42 43 44 45 46 47 48 49	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers	System Growth (\$000) 1,424 7,778 1,309	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383 1,866
41 42 43 44 45 46 47 48 49 50	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear	System Growth (\$000) 1,424 7,778 1,309 - 1,264	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383 1,866 2,343
41 42 43 44 45 46 47 48 49 50	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets	System Growth (\$000) 1,424 7,778 1,309 - 1,264	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383 1,866 2,343 2,253
41 42 43 44 45 46 47 48 49 50 51 52 53	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution substations and transformers Distribution switchgear Other network assets System growth and asset replacement and renewal expenditure less Capital contributions funding system growth and asset replacement and renewal	System Growth (\$000) 1,424 7,778 1,309 - 1,264 11,774	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383 1,866 2,343 2,253 62 28,615
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution substations and transformers Distribution switchgear Other network assets System growth and asset replacement and renewal expenditure less Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions	System Growth (\$000) 1,424 7,778 1,309 - 1,264	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383 1,866 2,343 2,253 62
41 42 43 44 45 46 47 48 49 50 51 52 53	less Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution substations and transformers Distribution switchgear Other network assets System growth and asset replacement and renewal expenditure less Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions	System Growth (\$000) 1,424 7,778 1,309 - 1,264 11,774	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383 1,866 2,343 2,253 62 28,615
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41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution switchgear Other network assets System growth and asset replacement and renewal expenditure less Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions 6a(v): Asset Relocations Project or programme* Minor expenditure - relocations	System Growth (\$000) 1,424 7,778 1,309 - 1,264 11,774 11,774 (\$000)	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383 1,866 2,343 2,253 62 28,615
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41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	Capital contributions funding consumer connection expenditure Consumer connection less capital contributions 6a(iv): System Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets System growth and asset replacement and renewal expenditure less Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions 6a(v): Asset Relocations Project or programme* Minor expenditure - relocations	System Growth (\$000) 1,424 7,778 1,309 - 1,264 11,774 11,774 (\$000)	(3,416) Asset Replacement and Renewal (\$000) 3,348 6,360 12,383 1,866 2,343 2,253 62 28,615
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Company Name For Year Ended Northpower 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				
69				
70	6a(vi)· (Quality of Supply		
	ou(vi).		*****	(4)
71		Project or programme*	(\$000)	(\$000)
72		SCADA and communications improvements		21
73		Kensington 110kV Bus re-configuration	1,1	
74		Low Voltage Visability		50
75		11kV Feeder Mid- & Tie- Point FPI Trials	1,8	
76		Switches		70
76 77		* include additional rows if needed		70
78		All other projects programmes - quality of supply		
79		Quality of supply expenditure		3,300
80	less	Capital contributions funding quality of supply		3,500
81		Quality of supply less capital contributions		3,300
		Z,,		2,535
82	6a(vii):	Legislative and Regulatory		
83	` ,	Project or programme*	(\$000)	(\$000)
84		4 Block AUFLS		29
85				
86				
87				
88				
89		* include additional rows if needed		
90		All other projects or programmes - legislative and regulatory		
91		Legislative and regulatory expenditure		729
92	less	Capital contributions funding legislative and regulatory		
93		Legislative and regulatory less capital contributions		729
94	6a(viii):	Other Reliability, Safety and Environment		
95		Project or programme*	(\$000)	(\$000)
96		Zone substation security improvements		64
97		Ruawai Transformer		(3)
98		Ground Mounting of Pole Distribution Transformers	4	15
99		Mareretu to Ruawai Clearance	2	66
		Phase ID Tool		76
100				
101		* include additional rows if needed		_
102		All other projects or programmes - other reliability, safety and environment		
103		Other reliability, safety and environment expenditure		818
104	less	Capital contributions funding other reliability, safety and environment		
105	(Other reliability, safety and environment less capital contributions		818
106				
107	6a(ix): I	Non-Network Assets		
108	Ro	outine expenditure		
109		Project or programme*	(\$000)	(\$000)
110		Hiko / Mahi Integration		69
111		Minor capital expenditure		9
112		Lease Vehicles		69
113				
114				
115		* include additional rows if needed	·	
116		All other projects or programmes - routine expenditure		
117	ı	Routine expenditure		147
118	At	typical expenditure	*****	(6000)
119		Project or programme*	(\$000)	(\$000)
120		ADMS CRM Outages - Call taking and Dispatch Integration		94
121		ADMS Data insights - Outage Reporting		44
122		ADMS Outages – Poweron Outage Management System		97
123		ESRI Geospatial Tool Sets		4
124		Faults Management System and Integration		97
120		G Tech Upgrade		(5)
121		ADMC ICCP NP		45
122		ADMS Advanced - Poweron Advanced Applications	6	34

Company Name Northpower 31 March 2025 For Year Ended 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 49 119 124 AMS WASP Replacement and CBRM 120 **Customer Decommission and Disconnection** 28 Customer Transaction Portal 50 121 122 SINCAL Updater Tool 29 123 124 125 * include additional rows if needed All other projects or programmes - atypical expenditure 126 127 Atypical expenditure 1,384 128 129 Expenditure on non-network assets 1,530

Company Name For Year Ended Northpower 31 March 2025

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 i	er		
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 7(i): Revenue Target (\$000) 1	Actual (\$000)	% variance
8 Line charge revenue 80,300	78,634	(2%)
9 7(ii): Expenditure on Assets Forecast (\$000) 2	Actual (\$000)	% variance
10 Consumer connection 3,154	7,166	127%
11 System growth 13,847	11,774	(15%)
12 Asset replacement and renewal 28,196	28,615	1%
13 Asset relocations 195	(25)	(113%)
14 Reliability, safety and environment:	(- /	(22.7)
15 Quality of supply 2,315	3,300	43%
16 Legislative and regulatory 952	729	(23%)
17 Other reliability, safety and environment 1,419	818	(42%)
18 Total reliability, safety and environment 4,686	4,847	3%
19 Expenditure on network assets 50,078	52,376	5%
20 Expenditure on non-network assets 3,464	1,530	(56%)
21 Expenditure on assets 53,542	53,906	1%
7(iii): Operational Expenditure		
23 Service interruptions and emergencies 3,099	3,383	9%
24 Vegetation management 3,161	3,106	(2%)
25 Routine and corrective maintenance and inspection 4,926	3,999	(19%)
26 Asset replacement and renewal 3,704	3,558	(4%)
27 Network opex 14,890	14,047	(6%)
Non-network solutions provided by a related party or third party -	-	-
29 System operations and network support 6,224	10,190	64%
30 Business support 17,692	12,929	(27%)
31 Non-network opex 23,916	23,119	(3%)
32 Operational expenditure 38,806	37,166	(4%)
7(iv): Subcomponents of Expenditure on Assets (where known)		
34 Energy efficiency and demand side management, reduction of energy losses	-	-
35 Overhead to underground conversion	-	-
36 Research and development	_	-
37		
7(v): Subcomponents of Operational Expenditure (where known)		
39 Energy efficiency and demand side management, reduction of energy losses	-	-
40 Direct billing	-	-
41 Research and development	-	-
42 Insurance	_	_

 $^{1\ \ \}textit{From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination}$

44

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

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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 rof

9a: Asset Register

					Items at start of	Items at end of		Data accuracy
8	Voltage	Asset category	Asset class	Units	year (quantity)	year (quantity)	Net change	(1-4)
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.

sch ref																																						
ĺĺ	9b: Ass	et Age Profile																																				
8		Disclosure Year (year ended)										Numbe	er of assets	s at disclos	ure year e	end by insta	allation date	2																				
																																				No. with	Items at end of	No. with
						1940	1950	1960	1970	1980	1990																									age	year	default Data accuracy
9	Voltage	Asset category	Asset class	Units	pre-1940		-1959	-1969	-1979	-1989	-1999	2000	2001	2002	200	3 200	4 2005	2006	2007	2008	2009	2010	2011	2012	2013 20	14 2015	2016	2017	2018	2019	2020	2021 2	022 202	2024	2025			dates (1–4)
10	All	Overhead Line	Concrete poles / steel structure	No.	139	147	1,499	7,799	12,898	9,406	7,725	625	496	68	5 6	592 8	327 7	92 65	54 568	610	713	714	660	699	590	599 57	8 519	386	321	351	376	375	405 4	80 511	128	-	53,967	4,405 2
11	All	Overhead Line	Wood poles	No.	1		10	50	120	428	258	17	20	0 2	3	34	51	32 2	22 5	8	2	3	4	-	3	2	2 2	-	2	2	-	1			_		1,102	217 2
12	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	
14	HV HV	Subtransmission Line Subtransmission Cable	Subtransmission OH 110kV+ conductor Subtransmission UG up to 66kV (XLPE)	km km	-				26	-	-	-	- -		_	-		-	-	-	-	-	-	-	-		-	-		-	-	-		1 2	-	-	28	
16	HV	Subtransmission Cable Subtransmission Cable	Subtransmission UG up to 66kV (ALPE) Subtransmission UG up to 66kV (Oil pressurised)	km					-	0		1	-	3	0	0 -		-	0 0		3		-		-	_	<u> </u>					1	1	1 2	_	+	8	- J
	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km			- -			_		_	 	+ -				 	-	_	-	_			_		+ -		-		_	_	_	-	_			_ 4
	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	_					3	_	_	_	-	1 -			_	_	_	-	_	_	-	-		_	_	-	-	-	-		_	_	_	3	_ 4
	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	_	_		_		-	0	-	-	_	_			-	_	-	-	-	-	-	-	_	0 –	-	-	-	-	-		-	-	_	0	- 4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km		_			-	-		_	_	_					_	_	-	_	_	-	-		_	_	-	-	-	-		_	_	-	-	- 4
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	_				-	-	-	-	_	_		- -	- -	_	-	-	-	-	-	-	-	- -	-	-	-	-		-		-	-	-		- 4
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-					-	-	_	-		+-	- -	- -	_		-	-	-	-	-	-	- -	-	-	-	-	-	-	- -		-			- 4
23	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	
	HV	Zone substation Buildings	Zone substations 110kV+	No.	-		-			1	-	-	-	_		-		_	_	-	0	_	-	-	-		-	-	-	-	-	-		_	-		1	- 4 - 4
	HV HV	Zone substation switchgear Zone substation switchgear	50/66/110kV CB (Indoor) 50/66/110kV CB (Outdoor)	No.	- 1					_	-	- 2	 -	+ -	-		+	+	+	-	 -	-	-				+	<u> </u>			_	-		-	 -		19	
	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.			- " 						 		_			_	1 -	- 6	1		23				+ -					_	6	2 -			42	
	HV		33kV Switch (Pole Mounted)	No.	-		13	66	10	11	2	2	-		4	5	1	24	3 1	8	4	_	1	1	2		-	5	- 1	4	-	-	-	3 3	-	_	173	
	HV	Zone substation switchgear	33kV RMU	No.	-		-	-	-	-	-	2	1 2	2 –	T -			_	-	_	-	_	_	-	-		_	_	- 1	- 1	-	-		_	_	-	4	- 4
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-		-	_	-	18	1	-	1	1	1 -	- -			1 -	3	2	-	-	-	1	1 -	_	-	-	5	3	2	8	2 –	_	-	49	- 4
32	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	5 –		4 -			9 32		17	12	-	-	1		-	-	-	17	11	14	13	7 –			174	
	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	1	2	1 -	-	2 -	-	-	2	_	-	-	-	2 -	-	1	2	2	2	2	2 -	-	-	-	42	
	HV	Distribution Line	Distribution OH Open Wire Conductor	km	9	18	82	537	669	656	576	50	56	6 4	8	31	66	32	21 21	19	18	23	39	67	78	26 4	2 34	36	38	61	35	31	23	24 30	9	-	3,508	43 2
	HV HV	Distribution Line Distribution Line	Distribution OH Aerial Cable Conductor SWER conductor	km km	-					-		_	 -	+-	+	_	+-	+-	_	-	+-	-	-	-	-		_	_	-	-		-		_	_		-	- 4 - 4
	HV	Distribution Cable	Distribution UG XLPE or PVC	km			 +	1	0	- 8	29	7	 	7 1	2	9	15	23	27 20	- 8		5	3	4	- 8	5	6 7	- 6	7	10	9	11	9	5 11	1	-	285	
	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	
	HV	Distribution Cable	Distribution Submarine Cable	km	-		-	-	-	-	-	-	-	-	_	- -		_	-	-	-	-	-	-	-		-	-	-	-	-	-		2	-	-	2	- 4
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	-			-	-	-	-	1	1	1 -	-	-	1	7 –	1	2	2	1	1	1	1	1	2 –	-	1	1	2	1	2	6 –	-	_	35	- 4
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-					-	-	-	_	_		- -		_	_	-	-	-	-	-	-		-	-	-	-	-	-		_	-		_	- 4
	HV		3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	4	5	7	115	183	419	895	124	110	13	5 1	142 1	180 1	94 19	91 190	319	482	306	470	369	383	351 38	9 287	302	255	274	244	285	337 3	08 354	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	
	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	- 54	100		446	367	362	1.037	159	125	5 14	2	1 24 1	2 1	26 1 54 1	22 4	118	17		135	90	139	7 14	8 8	166	152	205	10	16	20	9 17			6.110	
	HV HV	Distribution Transformer	Pole Mounted Transformer	No.	54	100	91	127	367 145	362 143	-,	159	125	3 4	_		55 1	00 1	50 192 86 65	118		-	135	90	139	224 14 34 4	8 114 5 30	166	152	205	174	145 82	68	73 50 52 14	7	-	6,110 1,606	
	HV	Distribution Transformer Distribution Transformer	Ground Mounted Transformer Voltage regulators	No.	_ 3	3		12/	2 143	143	103	_	- 33	4	-		3 -	- 00	- 65		- 3/	48	_	_ +	12	_ 4	3 -	- 42		2	- 40	- 02	3 -	JZ 14	-	-	1,606	
	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-			10	20	21	30	- 4	1 1	1	7	1	1 -		1	3	2	1	1	2	-	- -	_	<u> </u>	2	1	-	_	_	1 1	2	_	112	
	LV	LV Line	LV OH Conductor	km	1	1	20	147		479		11		9 1	1	22	22	19 :	14 6	5	6	5	5	3	3	3	4 3	3	4	5	8	4	5	5 5	1	_	1,179	
52	LV	LV Cable	LV UG Cable	km	0		0	24	52	77	86	19	20	0 2	8	35	48	53 4	19 47	25	28	16	7	6	17	8 1	5 23	26	29	25	21	21	30	24 23	2	_	885	
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-		2	47	146	40	52	2	4	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
54	LV	Connections	OH/UG consumer service connections	No.	1	15	64	1,681	4,086	19,936	15,129	1,885	815	5 89	1 1,1	1,1	123 1,1	00 1,10	1,033	846	_		332	630	646	629 85	2 1,085	1,113	2,007	944	913	1,110	-	00 980	110		64,845	
55	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	
	All	SCADA and communications	SCADA and communications equipment operating as a single syst		-					-	-	_	-		+-	- -	- -	_			-		-	-	-	- -	_	-	-	-	1	-	- -	-	-	-	1	
57	All	Capacitor Banks	Capacitors including controls	No	-					-	5	-	-	-	+-		-	2 -	-	1	3	5	-	2	-	- -	1	-	-	-	-	-	1	1 -	-		21	
58	All	Load Control	Centralised plant	Lot					-	2	-		 -	+-	+ .	2 -			16 10	-	-	24	- 20	- 21	- 10	12 2	-	-	-	-	- 442	402	700		 -	27.462	6	
60	All	Load Control Civils	Relays Cable Tunnels	No km	-				-	-	-	_	-	+ -	+ 1	144 2	244	69 :	16 19	26	20	24	20	21	16	12 2	11	13	14	5	1,412	402	780 1	39 3	_	37,112	40,542	297 2 N/A
60	All	CIVIIS	Capie ruiffels	KIN	\sqcup																		1															N/A

Company Name	Northpower
For Year Ended	31 March 2025
Network / Sub-network Name	
SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLE	ES
This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All lengths.	units relating to cable and line assets, that are expressed in km, refer to circ

S	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											
ler	gths.										
sch re											
9	9c: Overhead Lines and Underground Cables										
10				Total closely language							
11	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)	Total circuit length (km)							
12	> 66kV	28	0	28							
13	50kV & 66kV	75		75							
14	33kV	220	26	246							
15	SWER (all SWER voltages)			-							
16	22kV (other than SWER)			-							
17	6.6kV to 11kV (inclusive—other than SWER)	3,508	324	3,831							
18	Low voltage (< 1kV)	1,179	885	2,064							
19	Total circuit length (for supply)	5,010	1,234	6,244							
20											
21	Dedicated street lighting circuit length (km)	174	252	426							
22 23	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			122							
23			(% of total								
24	Overhead circuit length by terrain (at year end)	Circuit length (km)	overhead length)								
25	Urban	610	12%								
26	Rural	4,400	88%								
27	Remote only		-								
28	Rugged only		-								
29	Remote and rugged		-								
30	Unallocated overhead lines		-								
31 32	Total overhead length	5,010	100%								
32			(% of total circuit								
33		Circuit length (km)	length)								
34	Length of circuit within 10km of coastline or geothermal areas (where known)	3,409	55%								
35											
26		Circuit Investigation	(% of total								
36	Overhead circuit requiring vegetation management	Circuit length (km) 5,010	overhead length)	Not required after DV2025							
37	Overhead circuit requiring vegetation management	5,010	100%	Not required after DY2025							
			Total remaining at								
		Total newly identified	high risk at the								
38		throughout the disclosure year	disclosure year- end								
39	Number of overhead circuit sites at high risk from vegetation damage	, cui		Not required before DY2026							
40				1							
41	Breakdown of overhead circuit sites at high risk from vegetation damage at disclosure year-end										
	Number of overhead circuit										
	Category of overhead circuit site sites at high risk from	Number of overhead circuit sites involving critical assets									
	vegetation damage at	at disclosure year-end									
42	disclosure year-end	The state of the s	1								
43	[Single tree]			Not required before DY2026							
44	[Single tree - Urban]			Not required before DY2026							
45	[Single tree - Rural]			Not required before DY2026							
46	[Row of trees]			Not required before DY2026							
47	[Span between two poles (X metres)]			Not required before DY2026							
48	[Other]			Not required before DY2026							
49 50	Total number of sites	-		Not required before DY2026							
	moert new rows in tuble ubove rotal line as necessary										

		_				
	Сотрапу	Name	Northpower			
	For Year	Ended	2d 31 March 2025			
SC	CHEDULE 9d: REPORT ON EMBEDDED NETWORKS					
Thi	s schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in	n another	embedded network.			
	t.					
sch re	Į		Average number of			
			ICPs in disclosure	Line charge revenue		
8	Location *	-	year	(\$000)		
9						
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	* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is en	nbedded i	in another EDB's netwo	ork or in another		
26	embedded network					

	Company Name	Northpower	
	For Year Ended	31 March 2025	
	Network / Sub-network Name		
edule requir	e: REPORT ON NETWORK DEMAND es a summary of the key measures of network utilisation for the disclosure year (number of new connument and electricity volumes conveyed).	ections including distributed	
	onsumer Connections and Decommissionings The properties of ICPs connected during year by consumer type		
	, , , , , , , , , , , , , , , , , , , ,	Number of	
(Consumer types defined by EDB*	connections (ICPs)	
-	Mass Market New ICPs	732	
-	Large Commercial and Industrial New ICPs	3	
_	Very Large Industrial New ICPs	2	
-			
L			
	include additional rows if needed		
Cor	nections total	737	
Nui	mber of ICPs decommissioned during year by consumer type		
	Consumer types defined by EDB*	Number of decommissionings	
Γ	Mass Market New ICPs	218	
-	Large Commercial and Industrial New ICPs		
-		6	
-	Very Large Industrial New ICPs	_	
-			
L	* include additional rows if needed		
	commissionings total	224	
Distri	buted generation		
1	Number of connections made in year	501 conn	nections
(Capacity of distributed generation installed in year	19.83 MVA	4
00/::\. 6	ystem Demand		
3e(II). 3	ystem Demand		
Maxi	mum coincident system demand	Demand at time of maximum coincident demand (MW)	
	GXP demand	148	
	Distributed generation output at HV and above	3	
	ximum coincident system demand	151	
	Net transfers to (from) other EDBs at HV and above		
	nand on system for supply to consumers' connection points	151	
Elect	ricity volumes carried	Energy (GWh)	
	Electricity supplied from GXPs	790	
	Electricity exports to GXPs	0	
	Electricity supplied from distributed generation	36	
	Net electricity supplied to (from) other EDBs		
	ctricity entering system for supply to consumers' connection points	825	
	Fotal energy delivered to ICPs	779	
	ctricity losses (loss ratio)	46	
Lie		70	
Loa	d factor	0.62	
9e(iii): T	ransformer Capacity		
		(MVA)	
	Distribution transformer capacity (EDB owned)	617	
1			
	Distribution transformer capacity (EDB owned)	9	

Zone substation transformer capacity (EDB owned)
Zone substation transformer capacity (Non-EDB owned)

Total zone substation transformer capacity

Company Name For Year Ended

Northpower 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.

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10(i): Interruptions

Interruptions by class

Class A (planned interruptions by Transpower)

Class B (planned interruptions on the network)

Class C (unplanned interruptions on the network)

Class D (unplanned interruptions by Transpower)

Class E (unplanned interruptions of EDB owned generation)

Class F (unplanned interruptions of generation owned by others)

Class G (unplanned interruptions caused by another disclosing entity) Class H (planned interruptions caused by another disclosing entity)

Class I (interruptions caused by parties not included above)

Total

Nullibel Of	
interruptions	

-
514
379
2
-
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-
-
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896

≤3Hrs

240

Interruption restoration

Class C interruptions restored within

SAIFI and SAIDI by class

Class A (planned interruptions by Transpower)

Class B (planned interruptions on the network)

Class C (unplanned interruptions on the network)

Class D (unplanned interruptions by Transpower)

Class E (unplanned interruptions of EDB owned generation)

Class F (unplanned interruptions of generation owned by others)

Class G (unplanned interruptions caused by another disclosing entity)

Class H (planned interruptions caused by another disclosing entity)

Class I (interruptions caused by parties not included above)

Total

SAIFI	SAIDI
I	_
0.6844	197.7080
2.8247	163.3188
1.0046	284.0698
I	I
Ī	1
-	1
ı	-
0.0002	0.0555

>3hrs

139

645.2

Transitional SAIFI and SAIDI (previous method)

Class B (planned interruptions on the network)

Class C (unplanned interruptions on the network)

SAIFI	SAIDI
0.6805	197.6980
2 5243	159 5934

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 For Year Ended Network / Sub-network Name

Northpower 31 March 2025

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

	C	au	se	
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90

91

92

93

Lightning Vegetation

Adverse environment Third party interference

Wildlife

Human error

Defective equipment

Other cause

Unknown

Breakdown of third party interference

Overhead contact

Vandalism

Vehicle damage Other

Breakdown of vegetation interruptions (vegetation cause)

In-zone

Out-of-zone

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

Main equipment involved

Subtransmission lines

Subtransmission cables Subtransmission other

Distribution lines (excluding LV)

Distribution cables (excluding LV)

Distribution other (excluding LV)

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

Main equipment involved

Subtransmission lines

Subtransmission cables

Subtransmission other

Distribution lines (excluding LV)

Distribution cables (excluding LV)

Distribution other (excluding LV)

10(v): Fault Rate

Main equipment involved

Subtransmission lines

Subtransmission cables Subtransmission other

Distribution lines (excluding LV)

Distribution cables (excluding LV)

Distribution other (excluding LV)

Total

SAIFI		SAIDI
	-	

0.2853	13.7240
0.3596	21.7475
0.1733	33.8501
0.0182	0.9424
0.3626	23.4005
0.1157	5.5569
0.0082	1.0021
0.6427	47.7895
0.0040	0.3362

SAIFI SAIDI

14 9695

0.8551

	0.5017	0.0169
	4.4575	0.0912
	-	_
	18.4278	0.2505
1	0.0135	0.0040

SAIFI SAIDI

No	1.3742	0.0353	
No	20.3733	0.3243	

ot required before DY2026 ot required before DY2026

SAIFI SAIDI

0.1157	50.9306
_	-
_	_
0.4718	118.0947
0.0969	28.6827
_	1

SAIFI SAIDI

0.2427	33.8435
ı	ı
Ī	ı
2.4577	123.0542
0.1243	6.4211
_	_

Circuit length Number of Faults

4	323
_	26
1	
348	3,508
27	324
_	
379	

Fault rate (faults per 100km)

1.24
-
9.92
 8.33

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.

re	rf
8	10(vi): Worst-performing fe

eeders (unplanned)

SAIDI

			Number of Unplanned	Most Common Cause of			% of Feeder Overhead
Rank	Feeder name	Unplanned SAIDI values	Interruptions	Unplanned Interruptions	Circuit Length of Feeder	Number of ICPs	(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	Negetation Vegetation	133.13	1008	
4	Bream Bay CB1107	6.4354	5	Third Party Interference	21.74	1650	
5	Dargaville CB2	6.2430	18	Negetation 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

			Number of Unplanned	Most Common Cause of			% of Feeder Overhead
Rank	Feeder name	Unplanned SAIFI values	Interruptions	Unplanned Interruptions	Circuit Length of Feeder	Number of ICPs	(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

			Number of Unplanned	Most Common Cause of			% of Feeder Overhead
Rank	Feeder name	Customer Impact Ratio	Interruptions	Unplanned Interruptions	Circuit Length of Feeder	Number of ICPs	(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	i
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
Disclosure Date
Disclosure Year (year ended)

Northpower

23 June 2025

31 March 2025

Template for Schedule 10a Prepared 16 February 2024.

Table of	Table of Contents		
Schedule 10a	Schedule name 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 interruption; 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

10a(i): Raw interruption data

Interruption idea.co	er Circuit location	Sub-network	Foodor/c) affected by interess.	Start data (dd/	Start time (ht	End date (dd/m=/	time (bb:r	SAIDI weller	SAIEL web	Number of ICRs interest	Planned or unplanned interruption		Any explanation to help clarify the context of the interruption, including
erruption identific	Mata Circuit location	(where applicable)	Feeder(s) affected by interruption Ruakaka CB3	2/04/2024	08:44:00	2/04/2024	11:36:37	0.12447	0.00162	104	ICP interruption minutes (Class B or C) 7979 Unplanned	Cause Defective Equipment	what the cause is if recorded as 'Other cause' FP 380845Shutdown to replace HV fuses Tx X221 (faulty)
5-C	Puwera		Maungatapere CB7	2/04/2024	09:07:00	2/04/2024	14:36:00	0.12447	0.00162	62	20398 Planned	Planned Interruption	Replace poles and crossarms
I-C	Kensington		Alexander St CB8	2/04/2024	09:12:00	2/04/2024	14:40:00	0.51821	0.00192	123	40344 Planned	Planned Interruption	123 ICP's advertised, OMS logged 89 (replaced Tx WC131 with Tx WC468 with 0
1-C	Swamp North		Hikurangi CB1042	3/04/2024	09:05:00	3/04/2024	13:40:00	0.20163	0.00132	47	12925 Planned	Planned Interruption	Replace cross arms and HV fuses at Dsubs KB337, KB306 and HV links 6750
34-A	Kaiatea		Ngunguru CB1072	3/04/2024	19:22:58	3/04/2024	19:24:08	0.20103	0.00073	681	795 Unplanned	Unknown	Tripped O/C - Unknown cause - F5 - Sw 720 FPI activated
37-A	Coast		Dargaville CB6	4/04/2024	08:06:21	4/04/2024	08:21:30	0.01240	0.01626	1042	15786 Unplanned	Unknown	A & C Phase OC trip. F4. Closed & held after 15 min
36-C	Coast		Dargaville CB6	4/04/2024	09:45:00	4/04/2024	17:04:00	0.29679	0.01020	50	19025 Planned	Planned Interruption	X arm replacements
455-A			Alexander St CB8	5/04/2024	00:05:00	5/04/2024	00:21:12	0.18652	0.00078	738	11956 Unplanned	Unknown	Trip EF - Unknown
455-A 760-C	Kensington		Poroti CB1062	4/5/2024	09:34:00	4/5/2024	11:45:00	0.15123	0.001151	738	9694 Planned	Planned Interruption	Remove Knife links 8150KL.Remove OLD LS TX W133, DOF's and pole 54601
458-A	Taipuha		Mareretu CB1	5/04/2024	11:39:00	5/04/2024	12:55:00	0.10789	0.00113	91	6916 Unplanned	Defective Equipment	FP 380965Cracked porcelain on DDO
458-A 470-A	Taipuna			5/04/2024		6/04/2024		0.10789	0.00142	29			
	Matapouri		Ngunguru CB1032	-7.7.	23:48:00		01:52:00	0.0000			1895 Unplanned	Vegetation	FP 381053 - Gum Tree fell from slope into 11kV jumpers/ bushings/ HV Fuses
473-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.
476-A	Taipuha		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
49-C	Puwera		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
15-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
16-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
2991-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
22-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
97-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
30-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
i33-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
036-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)
541-R	Austin Road		Maunu CB1072	4/11/2024	09:01:00	4/11/2024	16:27:00	0.23924	0.00092	59	26314 Planned	Planned Interruption	Cut into existing 3core 35mm XLPE operation past Ashbury Height Subdivision b
18-C			Ruawai CB1032	4/11/2024	09:01:00	4/11/2024	15:37:00	0.41030	0.00092	29	26314 Planned	Planned Interruption	Install new Transformer K474 & Remove transformer K320
36-A	Tangaihi			4/11/2024	12:02:34	4/11/2024	19:30:46	0.0.00	0.00011	1525			FP381218 Tree falled across lines - Sw 2120. Only 1 faultman available for sever
	Coast		Dargaville CB6					3.49599				Vegetation	
39-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
42-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.Recl 1504 found
48-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 an
45-A	North Dargaville		Dargaville CB1	4/11/2024	13:07:44	4/11/2024	15:47:51	0.33472	0.00209	134	21456 Unplanned	Defective Equipment	FP381229Report of LV lines down on fence. De-energised 11kV remotely til staff
72-A	Bickerstaff		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-AFault found later on F-5572-A (381259)
60-A	North Kaiwaka		Kaiwaka CB1022	4/11/2024	15:22:42	4/12/2024	06:28:00	0.59945	0.01675	1074	38426 Unplanned	Vegetation	381251 - Tripped twice on E/F - Patrolled and found stick on line, all clear
63-A	Turiwiri		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.
66-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 Iv back feed & DA 48 shut down to remove gen@ 2250hrs Kere h
43-C	Puwera		Maungatapere CB7	4/12/2024	10:04:00	4/12/2024	12:51:00	0.03647	0.00022	14	2338 Planned	Planned Interruption	X arm replacements
99-A	Pataua		Parua Bay CB1	4/12/2024	19:21:00	4/12/2024	22:39:00	0.00527	0.00002	4	338 Unplanned	Defective Equipment	FP 381304-Replace HV Fuse carriers Tx OO242 (1 broken). 2nd shut to replace U
505-A							17:21:00	0.26572	0.00008	147	17033 Unplanned		
	Kaiwaka South		Kaiwaka CB1072	4/13/2024	12:01:26	4/13/2024						Vegetation	381315Tree across the line btween poles 33809 - 33810
547-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
75-C	Puwera		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
20-A	Pataua		Parua Bay CB1	4/15/2024	15:46:44	4/15/2024	16:42:36	0.17170	0.00307	197	11006 Unplanned		381375. Replace faulty DDOs
23-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 DDOs Tx X279
004-B	Whatatiri		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 Dsubs
78-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
11-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
2799-A	Whatatiri		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 Dsub W420 W343 and connection
2-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 32
89-A	North River		Ruakaka CB7	4/19/2024	07:59:48	4/19/2024	12:56:00	0.70914	0.00020	269	45457 Unplanned	Defective Equipment	FP 381499 - Lines down between 44012 & 44016. Eye bolt ripped out of Crossar
1-C	Puwera		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 Dsub
1-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 RO3
01-A	Titoki		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
10-A	Whakapara		Hikurangi CB1112	4/20/2024	15:27:16	4/20/2024	19:10:00	0.57337	0.01128	723	36754 Unplanned		FP 381543. De-energised HV following report of car vs pole. LV pole 42411 replacements of the second
19-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 xarm
!5-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. Rd
31-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
34-A	Turiwiri		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
37-A	Ararua		Mareretu CB2	4/22/2024	10:54:00	4/22/2024	12:25:00	0.39607	0.00786	279	25389 Unplanned	Defective Equipment	381561. Isolate HV to repair spragged wires & install temp links for upcoming s
40-A	Ararua		Mareretu CB2	4/22/2024	11:35:00	4/22/2024	13:09:00	0.39607	0.00002	2/9	94 Unplanned	Defective Equipment Defective Equipment	1 x HV fuse blown. Isolated & replaced fuse holder due to damage.
										1			
i2-C	Hokianga Rd		Dargaville CB7	4/23/2024	09:01:49	4/23/2024	17:08:28	0.00760	0.00002	1	487 Planned	Planned Interruption	11kV OHUG, connect 2x 11kV cables & liven.Cut away redundant overhead line
38-C	Ararua		Mareretu CB2	4/23/2024	09:11:00	4/23/2024	14:45:00	0.17641	0.00053	34	11308 Planned		Network Maintenance - replace pole 48576, hardware and change transformer
574-B	Kaiwaka South		Kaiwaka CB1072	4/23/2024	09:12:23	4/23/2024	12:50:18	0.50314	0.00231	148	32252 Planned	Planned Interruption	Network Maintenance - REPLACE Sw3950
46-A	Springs Flat		Kamo CB1	4/23/2024	09:21:57	4/23/2024	09:37:19	0.09968	0.00842	540	6390 Unplanned	Unknown	A, B, C & E fault. Closed and held in after 15 mins.
16-B	Te Kopuru		Dargaville CB2	4/23/2024	09:48:00	4/23/2024	13:36:00	0.01067	0.00005	3	684 Planned	Planned Interruption	LV Voltage Maintenance/Install
7-C	2nd Ave		Alexander St CB3	4/23/2024	10:32:00	4/23/2024	13:11:00	0.32990	0.00207	133	21147 Planned	Planned Interruption	Investigate High Partial discharge at switches 9010-9011-9012
4-C	Swamp North		Hikurangi CB1042	4/24/2024	09:04:00	4/24/2024	12:54:00	0.36239	0.00207	101	23230 Planned		Replacing cross arms straightening poles & replacing TX. Repalcing Sw 679
6-C				4/24/2024	09:04:00	4/24/2024	12:06:00	0.00847	0.00005	101	543 Planned		
	Tikipunga Hill		Tikipunga CB4							3			Install pole to reduce span length and raise LV arm. Remove temp switch @pole
58-A	Swamp North		Hikurangi CB1042	4/24/2024	21:52:18	4/25/2024	02:16:00	0.46935	0.01137	729		Defective Equipment	381739. Line down at pole 38449. No cause found.
61-A	Swamp North		Hikurangi CB1042	4/24/2024	21:57:40	4/24/2024	21:59:36	0.01429	0.00739	474	916 Unplanned	Defective Equipment	381739. During fault on CB 1042 the FPIs for Sw 10010 should have activated as
70-A	One Tree Point		Ruakaka CB6	4/26/2024	14:51:06	4/26/2024	15:39:54	0.31213	0.00640	410	20008 Unplanned	Unknown	FP 381812. Patrolled before livening due to heavy fault current
22-B	Kaka St		Whangarei South CB1032	4/28/2024	09:01:00	4/28/2024	13:47:00	0.11365	0.00041	26	7285 Planned	Planned Interruption	
23-C	Hakaru		Kaiwaka CB1032	4/30/2024	09:05:00	4/30/2024	14:30:00	0.35997	0.00111	71	23075 Planned	Planned Interruption	hardware replacements and changing DSUB MC302 like for like
44-C	ToeToe Rd		Kioreroa CB7	4/30/2024	09:12:00	4/30/2024	14:25:00	0.12695	0.00041	26	8138 Planned	Planned Interruption	Pole and cross arm replacement
85-A	Town Dargaville		Dargaville CB3	4/30/2024	16:04:16	4/30/2024	18:16:00	0.42755	0.01409	903	27407 Unplanned	Third Party Interference	FP - 381956 / Event # - F3965949 - LV Lines down @ road crossing 32701 to 541
580-B	Kaiwaka South		Kaiwaka CB1072	5/1/2024	09:25:00	5/1/2024	15:30:00	0.03979	0.00011	7	2555 Planned		Network Maintenance - replace pole 33930 and transformer like for like
									0.00011		2333 1011100	mcu mccrruption	

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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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 - Iv cut away between poles 44561 & 44562 -
О-3730-В	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 gradded to 50A- KN
O-3631-B	Pataua	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 & IN
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 O-3862-B	Whangarei Heads	Parua Bay CB3 Dargaville CB8	5/3/2024 5/3/2024	09:07:47 09:36:00	5/3/2024 5/3/2024	14:18:00 13:33:00	1.06293 0.23983	0.00343	220 67	68248 Planned 15399 Planned	Planned Interruption Network Maintenance replacing Cross arms
O-3862-B O-3754-B	Tangowahine Onoke	Kamo CB8	5/5/2024	09:36:00	5/5/2024	14:54:00	0.23983	0.00104	67	22713 Planned	Planned Interruption Replace damaged Recloser 1504 Planned Interruption Upgrade ground mount D-Sub KV108 to 300kva. Replace concrete base.
0-3751-B	Titoki	Poroti CB1032	5/5/2024	10:11:49	5/5/2024	11:39:01	0.17655	0.00104	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	7685 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 Liven 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 O-700-C	Swamp North	Hikurangi CB1042	5/6/2024 5/7/2024	20:33:00	5/6/2024 5/7/2024	22:09:00	0.00299	0.00003	2	192 Unplanned	Defective Equipment FP382233 - F-5839-A. HV Jumper off @ Tx, Terminal bolt broken
0-700-C 0-3649-B	Swamp North Puwera	Hikurangi CB1042 Maungatapere CB7	5/7/2024	09:02:00	5/7/2024	13:59:00 15:06:00	0.68459	0.00231	148	43956 Planned 4680 Planned	Planned Interruption Replace Cross arms and connections. Planned Interruption Network Maintenance - ARM & HARDWARE REPLACEMENTS
0-3658-B	Marsden Pt	Ruakaka CR1	5/7/2024	09:08:00	5/7/2024	13:12:00	0.65743	0.00020	173	42212 Planned	Planned Interruption Network Extension install new TX on pole 16569 and disconnect the old IV over
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	Langs 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 & liven 30kVA Tx RR353.
O-3646-B	Pataua	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 KS145 & run new HV & LV cables up
F-5854-A O-3664-B	ToeToe Rd	Kioreroa CB7 Hikurangi CB1102	5/8/2024 5/9/2024	10:51:14	5/8/2024 5/9/2024	12:01:00 12:51:00	0.13246	0.00336	216	8505 Unplanned 5700 Planned	Defective Equipment LV - ABC Lines down @ Pole 327366 Planned Interruption Replace HV & LV cross arms, HV fuses and connections
O-3865-B	Montgomery Ave	Onerahi CB8	5/9/2024	09:03:00	5/9/2024	15:57:00	0.61681	0.00039	96	39604 Planned	Planned Interruption Replace HV & LV cross arms, HV tuses and connections Planned Interruption Replacing 11kv 400v poles 36555 & 36556
0-3676-B	Puwera	Maungatapere CB7	5/10/2024	09:08:00	5/10/2024	12:50:00	0.01081	0.00130	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 O-3679-B	Swamp North Turiwiri	Hikurangi CB1042	5/13/2024 5/13/2024	08:12:22	5/13/2024 5/13/2024	08:27:27 15:04:00	0.04599	0.00629	404	2953 Unplanned 11520 Planned	Unknown Sw 10010 indicated B phase. Sw 10010 closed after 15 minutes Planned Interruption Replace HV poles and crossarms
0-3679-B 0-820-C	Whatatiri	Dargaville CB9 Maungatapere CB8	5/13/2024 5/14/2024	09:04:00	5/13/2024	15:04:00	0.17942 0.50888	0.00050	102	11520 Planned 32674 Planned	Planned Interruption Replace HV poles and crossarms Planned Interruption Replace cross arms at numerous sites and pole 60121
O-820-C O-3796-B	Titoki	Poroti CB1032	5/14/2024	10:04:00	5/14/2024	13:19:00	0.00607	0.00139	102	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-59
O-847-C	Kaiatea	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	Puwera	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	Pataua	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 O-3799-B	ToeToe Rd North River	Kioreroa CB7 Ruakaka CB7	5/15/2024 5/16/2024	10:42:33	5/15/2024 5/16/2024	13:23:00 12:53:00	0.12453	0.01072	688	7996 Unplanned 5600 Planned	Defective Equipment 382522/ Jumper on Xarm @ pole 46122. Related to earlier tripping F-5893-A Planned Interruption Network Maintenance, change span of 7064 wire to Flourine
0-3799-B 0-3895-B	Swamp North	Hikurangi CB1042	5/16/2024	09:15:33	5/16/2024	14:00:49	0.08722	0.00039	55	15676 Planned	Planned Interruption Network Maintenance, change span of 7004 wire to Froutine Planned Interruption Network Maintenance cross arm replacements
F-5917-A	Wairere	Marerety 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 F-6007-A	Paranui Turiwiri	Tikipunga CB6 Dargaville CB9	5/21/2024 5/21/2024	09:15:00 17:13:00	5/21/2024 5/21/2024	10:53:00 19:45:00	0.08395	0.00086	55	5390 Planned 2888 Unplanned	Planned Interruption Replace poles 51103 and 51104 to gain height
F-6010-A	Te Kopuru	Dargaville CB2	5/21/2024	19:31:04	5/21/2024	19:45:00	0.04498	0.00030		2000 Ulipidilleu	
O-3916-B	Waipu	Ruakaka CB2	5/22/2024	09:01:13						7555 Upplanned	Defective Equipment FP 382710Shutdown to repair blown HV jumper @ Tx J248 Unknown Tripped O/C 88C phase - Unknown cause - SCADA switching only
O-3985-B	Dunns Rd				5/22/2024	13:24:46	0.50077	0.01487	955 122	7555 Unplanned 32153 Planned	Unknown Tripped O/C B&C phase - Unknown cause - SCADA switching only
		Ruawai CB1082	5/22/2024	12:31:00	5/22/2024 5/22/2024	13:24:46 13:55:00	0.50077 0.00131				Unknown Tripped O/C B&C phase - Unknown cause - SCADA switching only
F-6031-A	North Kaiwaka	Kaiwaka CB1022	5/23/2024	06:37:32	5/22/2024 5/23/2024	13:55:00 10:36:00	0.00131 0.38930	0.00190 0.00002 0.00340	122 1 218	32153 Planned 84 Planned 24996 Unplanned	Unknown Tripped O/C B&C phase - Unknown cause - SCADA switching only Planned Interruption Network Maintenance replace cross arms and poles and transformer.Pole 10317 Planned Interruption Network Maintenance. Replace Ts C412 Wildlife FP-382784Unes down Goose vs lines Pt Curtis
O-3901-B	Titoki	Kaiwaka CB1022 Poroti CB1032	5/23/2024 5/23/2024	06:37:32 09:02:00	5/22/2024 5/23/2024 5/23/2024	13:55:00 10:36:00 13:44:00	0.00131 0.38930 0.10541	0.00190 0.00002 0.00340 0.00037	122 1 218 24	32153 Planned 84 Planned 24996 Unplanned 6768 Planned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Planned interruption Network Maintenance - Replace Toss arms and poles and transformer Pole 10317 Wildlife FP - 382.7864 lines down Goose vs lines PF Cutts Planned interruption Planned interruption Network Maintenance - Replace Tx G142 FP - 382.7864 lines down Goose vs lines PF Cutts Planned Interruption Network Maintenance meet guy writer straighten poles and new cross arms
O-3901-B F-6034-A	Titoki Hakaru	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032	5/23/2024 5/23/2024 5/23/2024	06:37:32 09:02:00 11:41:00	5/22/2024 5/23/2024 5/23/2024 5/23/2024	13:55:00 10:36:00 13:44:00 13:05:00	0.00131 0.38930 0.10541 0.08768	0.00190 0.00002 0.00340 0.00037 0.00252	122 1 218 24 162	32153 Planned 84 Planned 24996 Unplanned 6768 Planned 5630 Unplanned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance replace cross arms and poles and transformer Pole 10317 Planned interruption Network Maintenance - Replace Tx 6142 Wildlife FP - 382784 lines down Goose vs lines Pt Curtis Planned interruption Network Maintenance new guy wires straighten poles and new cross arms Unknown Devich Rd - Repaired spragged 11ke linef9 382784
O-3901-B F-6034-A O-4075-B	Titoki Hakaru Fert. Works	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Kioreroa CB6	5/23/2024 5/23/2024 5/23/2024 5/23/2024	06:37:32 09:02:00 11:41:00 22:06:00	5/22/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024	13:55:00 10:36:00 13:44:00 13:05:00 01:08:00	0.00131 0.38930 0.10541 0.08768 0.27212	0.00190 0.00002 0.00340 0.00037 0.00252 0.00150	122 1 218 24 162 96	32153 Planned 84 Planned 24996 Unplanned 6768 Planned 5630 Unplanned 17472 Planned	Unknown Tripped O/C B&C, phase - Unknown cause - SCADA switching only Planned Interruption Network Maintenance replace cross arms and poles and transformer Pole 10317 Planned Interruption Transport Maintenance - Replace Tx G142 Wildlife FP - 382784Lines down Goore vs lines Pt Curtis Planned Interruption Network Maintenance new guy wrise straighten poles and new cross arms Unknown Devict Med - Reppired spranged 11kv linefP 832784 Planned Interruption Transport high load from 17 Fraser street to 340 Port Road, Port Whangarei
O-3901-B F-6034-A	Titoki Hakaru Fert. Works Fert. Works	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Kioreroa CB6 Kioreroa CB6	5/23/2024 5/23/2024 5/23/2024	06:37:32 09:02:00 11:41:00	5/22/2024 5/23/2024 5/23/2024 5/23/2024	13:55:00 10:36:00 13:44:00 13:05:00	0.00131 0.38930 0.10541 0.08768	0.00190 0.00002 0.00340 0.00037 0.00252	122 1 218 24 162	32153 Planned 84 Planned 24996 Unplanned 6768 Planned 5630 Unplanned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance replace cross arms and poles and transformer Pole 10317 Wildliffe FP - 382.784 lines down Goose vs. lines Pf. Curtis Planned interruption Network Maintenance - Replace Tix G142 Unknown Devich Rd - Repaired spragged 11 kv. lines Pf. Curtis Unknown Technology - State - Repaired spragged 11 kv. lines Pf. 232.784 Transport hip load from 12 Fraiser street to 340 Pr. Road, Port Whangarei Defective Equipment Pf. 882.7812 - Reinstate cable onto HV DDO Fuse
O-3901-B F-6034-A O-4075-B F-6037-A	Titoki Hakaru Fert. Works	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Kioreroa CB6	5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00	5/22/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024	13:55:00 10:36:00 13:44:00 13:05:00 01:08:00 07:18:00	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682	0.00190 0.00002 0.00340 0.00037 0.00252 0.00150 0.00033	122 1 218 24 162 96	32153 Planned 84 Planned 24996 Unplanned 6768 Planned 5580 Unplanned 17472 Planned 1722 Unplanned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance replace cross arms and poles and transformer Pole 10317 Planned interruption Network Maintenance - Replace Tx G142 Wildlife FP - 382.784 lines down Goose vs lines Pt Curtis Planned interruption Network Maintenance new guy wires straighten poles and new cross arms Unknown Devich Rd - Repaired spragged 11ke innefP 382.784 Planned Interruption Transport high load from 17 Fraser street to 340 Port Road, Port Whangarei Pfanned interruption Replace pole 908165 to gain correct ground clearance. This site has access issue
O-3901-B F-6034-A O-4075-B F-6037-A O-4033-B	Titoki Hakaru Fert. Works Fert. Works	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Kioreroa CB6 Kioreroa CB6 Tikipunga CB4	5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00	5/22/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/24/2024	13:55:00 10:36:00 13:44:00 13:05:00 01:08:00 07:18:00 11:35:00	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696	0.00190 0.00002 0.00340 0.00037 0.00252 0.00150 0.00033 0.00005 0.01621 0.00150	122 1 1 218 218 24 162 96 21 3	32153 Manned 84 Planned 24996 Unplanned 6768 Planned 5630 Unplanned 17472 Planned 1722 Unplanned 447 Planned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance replace cross arms and poles and transformer Pole 10317 Wildliffe FP - 382.784 lines down Goose vs. lines Pf. Curtis Planned interruption Network Maintenance - Replace Tix G142 Unknown Devich Rd - Repaired spragged 11 kv. lines Pf. Curtis Unknown Technology - State - Repaired spragged 11 kv. lines Pf. 232.784 Transport hip load from 12 Fraiser street to 340 Pr. Road, Port Whangarei Defective Equipment Pf. 882.7812 - Reinstate cable onto HV DDO Fuse
O-3901-B F-6034-A O-4075-B F-6037-A O-4033-B F-6046-A O-4078-B F-6049-A	Trioli Hakaru Fert, Works Fert, Works Tikipunga Hill Western Hills Dr Fert, Works Tangahi	Kaiwaka CB1022 Portot CB1032 Kaiwaka CB1032 Kiorerao CB6 Kiorerao CB6 Tikipunga CB4 Alexander St CB7 Kiorerao CB6 Rowaka CB6 Rowaka CB1032	5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/24/2024 5/25/2024 5/25/2024	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00 21:11:36 22:02:00 15:24:47	5/22/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/25/2024 5/26/2024 5/26/2024	13:55:00 10:36:00 13:44:00 13:05:00 01:08:00 07:18:00 11:35:00 03:59:00 01:56:00 15:40:28	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696 1.20425 0.34987 0.08926	0.00190 0.00002 0.000340 0.00037 0.00252 0.00150 0.00033 0.00005 0.01621 0.00150 0.00994	122 1 218 24 162 96 21 3 1041	32153 Manned 84 Planned 24996 Unplanned 6768 Planned 5630 Unplanned 17472 Planned 1222 Unplanned 17322 Unplanned 17322 Unplanned 22464 Planned 5733 Unplanned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned Interruption Network Maintenance replace cross arms and poles and transformer.Pole 103:17 Wildlife FP - 3287284. The street of the stre
O-3901-B F-6034-A O-4075-B F-6037-A O-4033-B F-6046-A O-4078-B F-6049-A O-841-C	Titoki Hakaru Fert. Works Fert. Works Fert. Works Tikipunga Hill Western Hills Dr Fert. Works Tangaihi Bryndewyn	Kalwaka CB1022 Poroti CB1032 Kalwaka CB1032 Korerao CB6 Kiorerao CB6 Tikipunga CB4 Alexandre St GB7 Kiorerao CB6 Roswar CB1032 Moungarturoto CB1 Mungarturoto CB1	\$/23/2024 \$723/2004 \$723/2004 \$723/2004 \$723/2004 \$724/2004 \$724/2004 \$724/2004 \$726/2004 \$726/2004 \$726/2004	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00	5/22/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/24/2024 5/25/2024 5/26/2024 5/26/2024 5/26/2024	13:55:00 10:36:00 13:44:00 13:05:00 01:08:00 07:18:00 11:35:00 03:59:00 01:56:00 15:40:28 12:29:00	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696 1.20425 0.34987 0.08926	0.00190 0.00002 0.000340 0.00037 0.00252 0.00150 0.00003 0.00005 0.01621 0.00150 0.00994 0.00002	122 1 1 218 24 162 96 21 3 1041 96 663 1	32153 Planned 84 Planned 24996 Unplanned 6768 Planned 17472 Planned 1722 Unplanned 447 Planned 22664 Planned 5733 Unplanned 427 Planned 437 Planned 448 Planned 5733 Unplanned 5733 Unplanned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Network Maintenance replace cross arms and poles and transformer Pole 10317 Planned Interruption Network Maintenance - Replace Tris G142 Wildlife FP - 382.784 Lines down Goose vs. lines Pf. Curtis Planned Interruption Unknown Devich Rd - Repaired spragged 11sV linef9 832.784 Transport high load from 12 Fraiser street to 340 Port Road, Port Whangarei Planned Interruption Defective Equipment Planned Interruption Replace pole 908166 to gain correct ground clearance. This site has access issue Planned Interruption Planned Interruption Shut down for high load SCADA switching onlyTripped O/C - Unknown cause Planned Interruption SCADA switching onlyTripped O/C - Unknown cause Planned Interruption Planned Interruption Not down for high load
O-3901-B F-6034-A O-4075-B F-6037-A O-4033-B F-6046-A O-4078-B F-6049-A O-841-C O-4003-B	Troid Hakaru Fert, Works Fert, Works Fert, Works Fert, Works Tikipunga Hill Western Hills Dr Fert Works Tangahi Bryndewyn Swamp North	Kaiwaka C81022 Poroti C81032 Kaiwaka C81022 Kioreraa C86 Kioreraa C86 Tikipunga C84 Alexander St C87 Kioreraa C86 Ruswai C81032 Mungaturoto C81 Hikunga C84 Hikunga C84 Hikunga C86 Hikunga C81032	5/23/2024 5/23/2004 5/23/2004 5/23/2004 5/24/2004 5/24/2004 5/24/2004 5/24/2004 5/25/2004 5/25/2004 5/27/2004 5/27/2004	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00 09:29:00	5/22/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/24/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024	13:55:00 10:36:00 13:44:00 13:05:00 07:18:00 11:35:00 03:59:00 01:56:00 15:40:28 12:29:00 13:22:00	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696 1.20425 0.34987 0.08926 0.00305	0.00190 0.00002 0.00340 0.00252 0.00150 0.00033 0.00005 0.01621 0.00150 0.0094 0.00002	122 1 122 1 1 228 24 152 96 21 3 3 1041 96 638 1 1	32153 Manned 84 Planned 24996 Unplanned 6768 Planned 5630 Unplanned 17472 Wanned 1722 Unplanned 447 Planned 77322 Unplanned 22464 Planned 5731 Unplanned 196 Planned 197 Planned 198 Planned 12582 Planned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance replace cross arms and poles and transformer Pole 10317 Wildlife FP - 382.784 lines down Goose vs lines Pt Curtis Planned interruption Network Maintenance nee may writer straighten poles and new cross arms Unknown Devich Rd - Repaired spragged 11kv lineFP 382.784 Planned Interruption Transport high load from 17 Frase street to 340 Port Road, Port Whangarei Planned Interruption Replace pole 908166 to gain correct ground clearance. This site has access issue Planned Interruption Planned Interruption Planned Interruption Replace pole 908166 to gain correct ground clearance. This site has access issue Unknown SCADA switching onlyTripped O/C - Unknown cause Planned Interruption Replace Access the SCADA switching onlyTripped O/C - Unknown cause Planned Interruption Refurbish Doub Risl 373 and replace IV arms on pole 38612, also replace IV arm
O-3901-8 F-6034-A O-4075-B F-6037-A O-4033-B F-6046-A O-4078-8 F-6049-A O-841-C O-4003-B O-4065-B	Titoki Hakaru Fert, Works Fert, Works Fert, Works Tikipunga Hill Western Hills Dr Fert, Works Yangahi Brynderwyn Swamp North King Road	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Kioreroa CB6 Kioreroa CB6 Tikipunga CB4 Alexander St CB7 Kioreroa CB6 Rowaka CB1032 Maungaturoto CB1 Hikurangi CB1042 Mangawhal North CB2	5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/25/2024 5/25/2024 5/25/2024 5/27/2024 5/27/2024	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00 09:29:00 12:31:46	5/12/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/17/2014 5/17/2014 5/17/2014	13:55:00 10:36:00 13:344:00 01:08:00 07:18:00 07:18:00 01:56:00 15:40:28 12:29:00 14:07:28	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696 1.20425 0.34987 0.08926 0.00305 0.19596	0.00190 0.00002 0.00340 0.00037 0.00052 0.00150 0.00035 0.01621 0.00150 0.00994 0.00002 0.00084 0.000667	122 1 1 218 24 162 96 21 3 3 1041 96 638 1 1 54	32153 Manned 84 Planned 24996 Unplaned 6768 Manned 5630 Unplanned 17472 Planned 1722 Unplanned 177322 Unplanned 22664 Planned 5731 Unplanned 196 Manned 12582 Manned 12582 Manned 40960 Planned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance - Replace Tax and poles and transformer Pole 10317 Wildlife FP - 382.786 Lines down Goose vs. lines Pf Curtis Planned interruption Network Maintenance - Replace Tx G142 Planned interruption Unknown Devich Rd - Repaired spragged 11 kv. lines P8 22784 Planned interruption Planned interruption Replace pole 908166 to gain correct ground clearance. This site has access issue P1 TripP Party Interference Planned Interruption Replace pole 908166 to gain correct ground clearance. This site has access issue P1 TripP Party Interference Planned Interruption SLAD switching only pripped O/C - Unknown cause Planned interruption Network Maintenance - straighten pole 305359 Refurbish Dsuk 86137 and replace NV arms on pole 38612, also replace LV arm Planned Interruption Refurbish Dsuk 86137 and replace NV arms on pole 38612, also replace LV arm Planned Interruption
O-3901-B F-6034-A O-4075-B F-6037-A O-4033-B F-6046-A O-4078-B F-6049-A O-841-C O-4003-B	Troid Hakaru Fert, Works Fert, Works Fert, Works Fert, Works Tikipunga Hill Western Hills Dr Fert Works Tangahi Bryndewyn Swamp North	Kaiwaka CB1022 Peroti CB1032 Kaiwaka CB1032 Korera CB6 Kiorera CB6 Tikipunga CB4 Alexander S CB7 Kiorera CB6 Rawai CB1032 Mangartor CB6 Rawai CB1032 Mangartor CB1 Hikurangi CB1042 Mangawhai North CB2 Dargwille CB9	5/23/2024 5/23/2004 5/23/2004 5/23/2004 5/24/2004 5/24/2004 5/24/2004 5/24/2004 5/25/2004 5/25/2004 5/27/2004 5/27/2004	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00 09:29:00	5/22/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/24/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024	13:55:00 10:36:00 13:44:00 13:05:00 07:18:00 11:35:00 03:59:00 01:56:00 15:40:28 12:29:00 13:22:00	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696 1.20425 0.34987 0.08926 0.00305	0.00190 0.00002 0.00340 0.00252 0.00150 0.00033 0.00005 0.01621 0.00150 0.0094 0.00002	122 1 122 1 1 228 24 152 96 21 3 3 1041 96 638 1 1	32153 Manned 84 Planned 24996 Unplanned 6768 Planned 5630 Unplanned 17472 Wanned 1722 Unplanned 447 Planned 77322 Unplanned 22464 Planned 5731 Unplanned 196 Planned 197 Planned 198 Planned 12582 Planned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance replace cross arms and poles and transformer Pole 1031 T Planned interruption Network Maintenance - Replace Ts G142 Wildlife FP - 382.784 Lines down Goose vs lines Pt Curtis Planned interruption Lines of the State of the
O-3901-8 F-6034-A O-4075-8 F-6037-A O-4033-8 F-6046-A O-4078-8 F-6049-A O-8041-C O-4003-8 O-4069-8 O-3718-8	Titoki Hakaru Fert. Works Fert. Works Fert. Works Tikipunga Hill Western Hills Dr Fert. Works Tangaihi Brynderwyn Swamp North King Road Turkwiri	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Kioreroa CB6 Kioreroa CB6 Tikipunga CB4 Alexander St CB7 Kioreroa CB6 Rowaka CB1032 Maungaturoto CB1 Hikurangi CB1042 Mangawhal North CB2	5/23/2024 5/23/2024 5/23/2004 5/23/2004 5/23/2004 5/23/2004 5/24/2004 5/24/2004 5/24/2004 5/27/2004 5/27/2004 5/27/2004 5/27/2004 5/27/2004 5/27/2004 5/27/2004 5/27/2004	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00 09:29:00 12:31:46 09:05:00	5/12/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014	13:55:00 10:36:00 13:44:00 13:05:00 07:18:00 11:35:00 03:59:00 01:56:00 15:40:28 12:29:00 14:07:28 15:47:00	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696 1.20425 0.34987 0.08926 0.00305 0.19596 0.63793	0.00190 0.00002 0.00300 0.0037 0.00252 0.00150 0.00033 0.00005 0.01621 0.00150 0.00994 0.00002 0.00067	122 1 1 218 24 162 96 21 3 3 1041 96 638 1 1 54	32152 Manned 84 Planned 24995 Unglanned 6768 Planned 5630 Unglanned 117472 Planned 447 Planned 447 Planned 22464 Planned 5331 Unglanned 196 Planned 196 Manned 12582 Planned 140960 Planned 16080 Planned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance replace cross arms and poles and transformer Pole 10317 Wildliffe FP - 382.784 lines down Goose vs lines Pf Curtis Planned interruption Network Maintenance nee ups univers straighten poles and new cross arms Unknown Devich Rd - Repaired spragged 11kv linef9 382784 Planned interruption Defective Equipment Planned interruption Replace pole 908.165 to gain correct ground clearance. This site has access issue Planned interruption Shut down for high load Planned interruption Shut down for high load Planned interruption Shut down for high load Planned interruption Replace pole 908.165 to gain correct ground clearance. This site has access issue Planned interruption Shut down for high load SCADA switching onlyTripped O/C - Unknown cause Planned Interruption Replace Maintenance - Extingation pole 305.559 Planned interruption Refurbion National State St
O 3901-8 F-6034-A O-4075-8 F-6037-A O-4073-8 F-6046-A O-4078-8 F-6049-A O-841-C O-4003-8 O-4069-8 O-3718-8 O-3718-8	Tricki Hakaru Fert, Works Fert, Works Fert, Works Tikipunga Hill Western Hills Dr Fert, Works Tangaihi Brynderwyn Swamp North King Road Turlwiri Matapouri	Kaiwaka C81022 Poroti C81032 Kaiwaka C81022 Kioreroa C86 Kioreroa C86 Kioreroa C86 Tikipunga C84 Alexander St C87 Kioreroa C86 Ruawai C81032 Maungaturoto C81 Hikurangi C81042 Mangawhai North C82 Dargawille C89 Ngunguru C81032	5/23/2024 5/23/2024 5/23/2004 5/23/2004 5/23/2004 5/24/2004 5/24/2004 5/24/2004 5/25/2004 5/25/2004 5/25/2004 5/25/2004 5/25/2004 5/25/2004 5/25/2004 5/25/2004 5/25/2004 5/25/2004 5/25/2004	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00 09:29:00 12:31:46 09:05:00 09:28:15	5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024 5/12/2024	13:55:00 10:36:00 13:34:00 13:05:00 01:08:00 07:18:00 03:59:00 01:56:00 15:40:28 12:29:00 13:22:00 14:07:28 15:44:24	0.00131 0.38930 0.10541 0.08768 0.27212 0.02662 0.00696 1.20425 0.34987 0.08926 0.00305 0.1596 0.63793 0.25044	0.00190 0.00002 0.00340 0.00037 0.00252 0.00150 0.00033 0.00005 0.01621 0.00150 0.00994 0.00002 0.00084 0.00667 0.00062	122 1 1 22 1 1 228 24 162 96 21 3 3 1041 96 638 1 1 428 4428 440	32153 Manned 84 Planned 24996 Unplanned 6768 Planned 5630 Unplanned 17472 Planned 1222 Unplanned 447 Planned 22464 Planned 22464 Planned 5733 Unplanned 196 Planned 12528 Planned 10600 Planned 10600 Planned 10600 Planned 531 Planned 10600 Planned 531 Planned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Planned interruption Network Maintenance - Replace Tax area and poles and transformer Pole 10317 Wildlife FP - 382784 Unes down Goose is lines PT Cutts Planned interruption Network Maintenance - Replace Tx G142 Planned interruption Devich Bd - Replaced spragged 11x0 Intel® 282784 Planned interruption Devich Bd - Replaced spragged 11x0 Intel® 282784 Planned interruption Planned interruption Third Party Interference PRAS2812 - Reinstate cable onto HV DDO Fuse Replace pole 908166 to gain correct ground clearance. This site has access issue Planned interruption Shut down for high load Unknown SADA switching onlyTripped O/C - Unknown cause Planned Interruption Replace W and IV cross arms on pole 38512 . also replace U arm Intelligence W and IV cross arms Replace HV and IV cross arms Replace
O-3901-8 F-6034-A C-4075-8 F-6037-A O-4033-8 F-6046-A O-4078-8 F-6049-A O-841-C O-4003-8 O-3718-8 O-3718-8 F-6064-A F-6067-A F-6067-A	Titoki Hakaru Fert, Works Fert, Works Fert, Works Fert, Works Tikipunga Hill Western Hills Dr Fert, Works Yangahi Brynderwyn Swampa North King Road Turiwiri Matapouri Kahwaka South Porus Bay	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Kiorera CB6 Kiorera CB6 Tikipunga CB4 Alexander St GB7 Kiorera CB6 Riswar CB1032 Moungaturoto CB1 Hikurangi CB1042 Mangawha North CB2 Dargaville CB9 Ngunguru CB1032 Kaiwaka CB1072 Manungatapere CB2 Parus Bby CB2 Parus Bby CB2	5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024	06:37:32 09:02:00 11:41:00 22:06:00 05:56:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00 09:29:00 12:31:46 09:05:00 09:28:15 13:32:53 15:23:58	5/12/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/15/2014 5/15/2014 5/15/2014 5/17/2014	13:55:00 10:36:00 13:44:00 13:05:00 01:08:00 07:18:00 03:59:00 15:40:28 12:29:00 14:07:28 13:22:00 14:07:28 13:48:41 13:48:41 13:48:41 13:25:00 12:25:00	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696 1.20425 0.08926 0.0305 0.19596 0.63793 0.25044 0.00805 0.12673 0.46051 0.46051	0.00190 0.00002 0.00340 0.00340 0.0037 0.00252 0.00150 0.00053 0.00055 0.01621 0.00150 0.00994 0.00062 0.00062 0.00062 0.00062 0.00062	122 1 1 218 24 162 96 21 3 3 1041 96 638 1 1 54 428 40 2 2 515 515	32153 Manned 84 Manned 24996 Unplanned 6768 Manned 5630 Unplanned 17472 Manned 1722 Unplanned 1722 Unplanned 1723 Unplanned 1724 Manned 1725 Unplanned 1725 Unplanned 1725 Unplanned 1725 Unplanned 1725 Manned	Unknown Tripped O/C BRC phase - Unknown cause - SCADA switching only Vederation Planned interruption Network Maintenance - Replace Tix G142 Wildlife FP - 382.784 Lines down Goose vs lines Pf Curtis Planned interruption Network Maintenance - Replace Tix G142 Planned interruption Unknown Devich Rd - Repaired spragged 114v lineFP 382.784 Planned interruption Planned interruption Replace pole 908.165 to gain correct ground clearance. This site has access issue Planned interruption Replace pole 908.166 to gain correct ground clearance. This site has access issue Planned interruption Planned interruption Network Maintenance - straighten pole 305.359 Planned interruption Planned interruption Replace pole 908.166 to gain correct ground clearance. This site has access issue Planned interruption Network Maintenance - straighten pole 305.359 Planned interruption Planned interruption Refurbish Dsuk R6137 and replace N7 sms on pole 38612, also replace LV arm Planned interruption Pla
O 3901-8 F-6034-A O-4075-8 F-6037-A O-4073-8 F-6049-A O-4078-8 F-6049-A O-841-C O-4003-8 O-3711-8 O-3711-8 F-6067-A F-6070-A F-6070-A	Triolsi Hakaru Hekaru Fert, Works Fert, Works Fert, Works Fert, Works Tikipunga Hill Western Hills Dr Fert Works Tangahi Brynderwyn Swamp North King Road Turiwiri Matapouri Gaiwata South Porodi Parus Bay Montgomyr Ave	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Koreroa CB6 Kioreroa CB6 Tikipunga CB4 Alexander S CB7 Kioreroa CB6 Rawai CB1032 Mangatroto CB1 Hikurangi CB1032 Mangatroto CB1 Hikurangi CB1042 Mangawhai North CB2 Dargawilie CB9 Ngunguru CB1032 Kaiwaka CB1072 Maungatapare CB2 Parua Bay CB2 Onerahi CB8	5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/24/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024	06:37:32 09:02:00 11:41:00 22:06:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00 09:29:00 12:31:46 09:05:00 09:28:15 13:32:53 15:23:58 16:21:00 16:28:09	5/12/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014 5/15/2014	13:55:00 10:36:00 13:44:00 13:05:00 07:18:00 07:18:00 11:35:00 01:56:00 15:40:28 12:29:00 13:22:00 14:07:28 15:47:00 13:46:41 18:25:00 17:11:43	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 0.00696 1.20425 0.34987 0.08926 0.03030 0.19596 0.63793 0.25044 0.08805 0.12673 0.46051 1.50257 0.32501	0.00190 0.00002 0.00340 0.00340 0.00357 0.00357 0.00150 0.00150 0.0150 0.00567 0.00002 0.00062 0.00	122 1 1 22 1 1 228 24 162 96 22 162 3 1041 96 688 1 1 54 428 40 2 2 515 1415 588	32152 Manned 84 Manned 24996 Unplanned 6768 Manned 5680 Unplanned 11742 Manned 11742 Manned 447 Manned 22464 Planned 1252 Unplanned 196 Manned 196 Manned 12532 Unplanned 196 Manned 12532 Manned 12532 Manned 12532 Manned 12532 Manned 12532 Manned 14060 Planned 12532 Manned 14060 Planned 14060 Planned 14060 Planned 14060 Planned 14060 Planned 1507 Unplanned 1508 Unplanned 1508 Unplanned 1508 Unplanned	Unknown Fisped O/C BRC phase - Unknown cause - SCADA switching only Network Maintenance replace cross arms and poles and transformer Pole 10317 Planned Interruption Network Maintenance - Replace Tris G142 Wildlife FP - 382.784 lines down Goose vs. lines FF Curtis Planned Interruption Unknown Devich Rd - Repaired spragged 11 kv. lines P3 322784 Planned Interruption Defective Equipment Planned Interruption Replace pole 908.165 to gain correct ground clearance. This site has access issue Planned Interruption Planned Interruption Study of the Stu
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O-3901-8 F-6034-A O-4075-8 F-6037-A O-4078-8 F-6046-A O-4078-8 O-8041-C O-4003-8 O-3718-8 O-3712-8 F-6064-A F-6067-A F-6067-A F-6073-A F-6082-A F-6085-A	Titoki Hakaru Fert, Works Fert, Works Fert, Works Fert, Works Tikipunga Hill Western Hills Dr Fert, Works Yangahi Brynderwyn Swamp North King Road Turiwiri Matapouri Kaiwaka South Porod Parua Bay Montgomey Ave Tangahi Access Rd	Kaiwaka CB1022 Poroti CB1032 Kaiwaka CB1032 Korera CB6 Kiorera CB6 Tikipunga CB4 Alexander St CB7 Kiorera CB6 Rawayi CB1032 Managataroto CB1 Hikurangi CB1032 Managataroto CB1 Hikurangi CB1042 Managatari North CB2 Dargaville CB9 Ngunguru CB1032 Kaiwaka CB1072 Maungatapere CB2 Parus BBy CB2 Cherabi CB8 Rawayi CB1032 Rawayi CB1032 Managatapere CB2 Parus BBy CB2 Cherabi CB8 Rawayi CB1032 Rawayi CB10332	5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/23/2024 5/24/2024 5/24/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024 5/25/2024	06:37:32 09:02:00 11:41:00 22:06:00 09:06:00 21:11:36 22:02:00 15:24:47 09:13:00 09:29:00 12:31:46 09:05:00 09:28:15 13:32:53 15:23:58 16:21:00 16:28:09 17:19:54	5/12/2014 5/12/2014	13:55:00 13:86:00 13:86:00 13:86:00 13:86:00 07:18:00 07:18:00 07:18:00 07:18:00 13:50:00 15:40:02 13:22:00 14:47:00 13:47:00 13:48:41 18:25:00 17:11:43 22:13:00 07:33:00	0.00131 0.38930 0.10541 0.08768 0.27212 0.02682 1.20425 0.00596 1.20425 0.0305 0.19596 0.0305 0.19596 0.63793 0.52644 0.00805 0.12673 0.46051 1.50257 0.32501	0.00190 0.00002 0.00340 0.00340 0.00357 0.00252 0.00150 0.00150 0.00150 0.00064 0.00064 0.00064 0.00062 0.00064 0.00062 0.00064 0.00062 0.00064 0.00062 0.00064 0.0	122 1 1 22 1 1 238 24 162 96 162 96 21 3 1041 96 638 1 1 54 428 40 2 515 1415 588 479 128	32152 Manned 84 Manned 24995 Unglanned 6768 Manned 5630 Unglanned 17472 Manned 17472 Unglanned 447 Manned 22464 Planned 22464 Planned 1968 Planned 197322 Unglanned 448 Planned 197322 Unglanned 196 Manned 12582 Planned 196 Manned 12582 Planned 16080 Unglanned 16080 Unglanned 16080 Unglanned 16080 Unglanned 16080 Unglanned	Unknown Fisped O/C BRC phase - Unknown cause - SCADA switching only Very common state - SCADA switching only Planned interruption Network Maintenance - Replace Tis x G142 Wildlife FP - 382.784 Lines down Goose is lines Pf Curtis Planned interruption Network Maintenance - Replace Tix G142 Planned interruption Devich Rd - Repaired spragged 11 ki Intel® 282.784 Planned interruption Defective Equipment Planned interruption Replace pole 908.166 to gain correct ground clearance. This site has access issue Planned interruption Replace pole 908.166 to gain correct ground clearance. This site has access issue Planned interruption Planned interruption Stat down for high load Unknown SADA switching onlyingted O/C - Unknown cause Planned interruption Planned interruption Planned interruption Refurbish Dsuk R8137 and replace NV arms on pole 38612 also replace LV arm Planned interruption Refurbish Dsuk R8137 and replace NV arms arm pole 18612 also replace LV arm Planned interruption Planned interruption Planned interruption Planned interruption Planned interruption Replace NV and LV cross arms Vegetation 383005 Trees across street light pole Defective Equipment Defective Equipment Person Development Passon Silv Nim Ring Dolf all pole 62138, isolated OH section of LV, unable to Defective Equipment Vegetation 383016 - NY Arm Ring Dolf all pole 62138, isolated OH section of LV, unable to Defective Equipment Person Defective Equipment Person Defective Equipment Person Defective Equipment Passon Defective Equipment
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Company Name	Northpower
For Year Ended	31 March 2025

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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F-6148-A	One Tree Point	Ruakaka CB6	5/30/2024	14:04:21	5/30/2024	17:44:00	0.83996	0.01358	872 53932	Unplanned	Defective Equipment	383076Replaced 11kV insulator
O-4087-B	Fraser	Kioreroa CB5	5/30/2024	20:41:00	5/30/2024	23:04:00	0.36435	0.00273	175 23394	Planned	Planned Interruption	High Load Transport
F-6157-A	Mata	Ruakaka CB3	5/31/2024	09:25:00	5/31/2024	13:59:00	0.12802	0.00047	30 8220	Unplanned	Adverse Environment	382904Pole change & crossarms
F-6166-A	Treatment	Kioreroa CB2	6/1/2024	11:34:00	6/1/2024	18:01:00	0.12051	0.00031	20 7740	Unplanned	Third Party Interference	383138. Car Vs GM Tx WO256. Replaced & BTN
F-6169-A	Titoki	Poroti CB1032	6/1/2024	14:50:02	6/1/2024	16:45:00	0.00179	0.00002	1 115	Unplanned	Unknown	383143. Blown HV Fuse at L 8200. No Cause Found.
F-6172-A	Kamo Town	Kamo CB7	6/2/2024	03:16:00	6/2/2024	13:47:00	0.00982	0.00002	1 631	Unplanned	Third Party Interference	383147. Car Vs Tx KK159. Replaced & BTN
O-3844-B F-6178-A	Turiwiri Bickerstaff	Dargaville CB9 Maungaturoto CB2	6/4/2024 6/4/2024	09:05:00 15:53:24	6/4/2024 6/4/2024	15:33:00 17:58:00	0.29601 0.31740	0.00076	49 19012 858 20386	Planned Unplanned	Planned Interruption	Replacing 11kv pole and cross arms. (Salesforce down)Digger strike @ Tx D309 & Also loose connecion found
F-6181-A	Treatment	Kioreroa CB2	6/4/2024	18:30:00	6/4/2024	20:33:00	0.08809	0.01330	46 5658		Defective Equipment	382561. Emergency shut to Replace crossarm & increase conductor heigh
O-3886-B	Turiwiri	Dargaville CB9	6/6/2024	09:05:00	6/6/2024	15:32:00	0.29525	0.00076	49 18963	Planned	Planned Interruption	Replacing 11ky pole and cross arms.
O-4045-B	Puwera	Maungatapere CB7	6/6/2024	09:06:00	6/6/2024	15:04:00	0.70232	0.00196	126 45108	Planned	Planned Interruption	Network Maintenance - POLE, ARM & CONDUCTOR REPLACEMENT
O-3880-B	Kaiwaka Town	Kaiwaka CB1062	6/6/2024	09:20:00	6/6/2024	15:07:00	0.08644	0.00025	16 5552	Planned	Planned Interruption	Network Maintenance - Replace HV and LV hardware at pole 49213 TX C
O-4024-B	Wairere	Mareretu CB5	6/6/2024	09:33:00	6/6/2024	12:28:00	0.00272	0.00002	1 175	Planned	Planned Interruption	Transformer Upgrade - from 15kVA to 30kVA 3PH pole mount
O-3889-B	Otangarei	Tikipunga CB7	6/6/2024	09:35:00	6/6/2024	11:32:00	0.16577	0.00142	91 10647	Planned	Planned Interruption	Network Maintenance Voltage indicators
O-4201-B	Access Rd	Ruawai CB1022	6/7/2024	09:37:00	6/7/2024	11:07:00	0.01822	0.00020	13 1170	Planned	Planned Interruption	Lower HV Crossarm to extend circuit clearance to the 33KV line
O-3928-B	Langs Beach	Mangawhai North CB3	6/7/2024	09:59:00	6/7/2024	14:20:00	0.04064	0.00016	10 2610	Planned	Planned Interruption	P05D RMU servicing. Sw 4137, 4138, 4139, 4140, 4141, 4142, 4143
F-6193-A	Coast	Dargaville CB6	6/7/2024	11:04:00	6/7/2024	15:38:00	0.21330	0.00078	50 13700	Unplanned	Defective Equipment	FP38278Run LV under HV from pole 24977 - 24981 - Urgent
F-6202-A F-6199-A	Whatatiri	Maungatapere CB8	6/7/2024	11:21:48	6/7/2024 6/7/2024	12:14:21	0.21741	0.01565	1005 13964	Unplanned	Vegetation	FP383309 - Trip OC BCFPI at Sw 843 Phase ABCSame CB trip data on 2nd
F-6199-A O-3919-B	North River	Poroti CB1052 Ruakaka CB7	6/7/2024	11:32:48 12:01:35	6/7/2024	13:44:00	0.01169 0.56220	0.00009	6 751 231 36109		Defective Equipment	383292 - Blown top of jumper off DDO when attempting to close x1 HV F Replace HV arm and install new DDO's and Liven TX RB333
F-6205-A	Bickerstaff	Maungaturoto CB2	6/7/2024	16:24:00	6/7/2024	16:37:54	0.00040	0.00003	231 36105	Planned Unplanned	Planned Interruption Defective Equipment	FP 383326HV fuse burnt in half
F-6203-A F-6211-A	Montgomery Ave	Operahi CB8	6/9/2024	08:17:52	6/9/2024	08:32:14	0.23263	0.00003	1040 14941	Unplanned	Unknown	Trip & successful 15 min close.
O-4057-B	Thelma Road	Mangawhai North CB4	6/9/2024	09:12:00	6/9/2024	14:04:00	0.25265	0.00053	34 9928	Planned	Planned Interruption	Transformer Upgrade from 100 to 150kVA pole mount type
F-6217-A	Ararua	Mareretu CB2	6/9/2024	22:10:22	6/10/2024	03:09:00	0.39044	0.00533	971 25077	Unplanned	Defective Equipment	383348Cracked insulator
O-4093-B	Matapouri	Ngunguru CB1032	6/10/2024	09:20:00	6/10/2024	11:20:00	0.00374	0.00003	2 240	Planned	Planned Interruption	Upgrade Tx from 15 kVA to 50kVA
F-6226-A	Hakaru	Kaiwaka CB1032	6/11/2024	07:44:39	6/11/2024	08:03:58	0.24180	0.01284	825 15530	Unplanned	Unknown	OC Trip Phase AB (No FPI indicaiton)
O-4009-B	Puwera	Maungatapere CB7	6/11/2024	09:03:00	6/11/2024	14:21:00	0.08912	0.00028	18 5724	Planned	Planned Interruption	Network Maintenance - POLE STRAIGHTENS AND POLE REPLACEMENT
O-3940-B	King Road	Mangawhai North CB2	6/11/2024	09:10:00	6/11/2024	14:19:00	0.06254	0.00020	13 4017	Planned	Planned Interruption	Network Maintenance - replace pole 32475 and re-do connections at pol
F-6232-A	Tangowahine	Dargaville CB8	6/11/2024	14:54:00	6/11/2024	15:13:00	0.00740	0.00039	25 475	Unplanned	Defective Equipment	FP 383408 - Rebind 2x HV insulators
O-3943-B	Turiwiri	Dargaville CB9	6/12/2024	09:10:56	6/12/2024	14:48:57	0.29998	0.00089	57 19267	Planned	Planned Interruption	Network Maintenance.X-arm & pole changes.OH line alteration to rectify
O-4108-B	Tikipunga Hill	Tikipunga CB4	6/12/2024	12:08:00	6/12/2024	14:07:00	0.24272	0.00204	131 15589	Planned	Planned Interruption	Network Extension install new 15kVA TX as per 1c plan - tx KT435 not live
O-3946-B	Tikipunga Hill	Tikipunga CB4	6/13/2024	09:01:00	6/13/2024	15:10:00	0.44268	0.00125	80 28432	Planned	Planned Interruption	Network MaintenanceReplacing 11kv 400v pole and Cross arms as per M
O-4060-B	Titoki	Poroti CB1032	6/13/2024	09:38:00	6/13/2024	13:39:00	0.32648	0.00139	89 20969	Planned	Planned Interruption	Clear trees around lines from pole18345 to pole 18333
F-6253-A O-4102-B	Maunu Road One Tree Point	Whangarei South CB1102	6/14/2024	07:08:00	6/14/2024 6/14/2024	17:31:00 14:41:00	0.75893	0.00589	378 48744 180 60480	Unplanned	Third Party Interference	383512 - Car V HV Pole 36242,No Tripping Cut temp break to reduce out
O-4102-B O-3802-B	One Tree Point Access Rd	Ruakaka CB6	6/14/2024 6/14/2024	09:05:00	6/14/2024	14:41:00	0.94165	0.00280	180 60480 35 8680	Planned Planned	Planned Interruption	Network Maintenance replace poles and cross arms Replace HV conductor From pole 39716 to pole 39792
0-3802-В F-6265-A	Tangaihi	Ruawai CB1022 Ruawai CB1032	6/15/2024	06:46:43	6/15/2024	07:03:37	0.13514	0.00054	637 7017	Unplanned	Unknown	Trip OC. Phase AC involved in fault
F-6271-A	Ararua	Mareretu CB2	6/15/2024	08:41:43	6/15/2024	08:56:59	0.03637	0.00332	153 2336	Unplanned	Defective Equipment	15 MIN reclose successful. Fault found later on F-6280-A ((HV jumper off
F-6277-A	North River	Ruakaka CB7	6/15/2024	09:57:00	6/15/2024	10:01:00	0.00025	0.00236	4 16	Unplanned	Unknown	3835561 x HV fuse blown but opened all 3 - Shoemaker Rd
F-6280-A	Ararua	Mareretu CB2	6/15/2024	17:16:00	6/15/2024	19:55:15	0.12797	0.00238	153 8219	Unplanned	Defective Equipment	FP 383561 - HV jumper off pole 21727
F-6286-A	Whatatiri	Maungatapere CB8	6/15/2024	21:17:53	6/16/2024	00:16:00	0.27494	0.00615	395 17659	Unplanned	Adverse Environment	FP 383565Building fire - Tx inside building, left de energised
F-6289-A	Access Rd	Ruawai CB1022	6/16/2024	02:45:01	6/16/2024	08:05:00	0.37081	0.00749	481 23816	Unplanned	Lightning	FP 383567_ Access Rd Lines down
O-4135-B	Fraser	Kioreroa CB5	6/16/2024	09:38:00	6/16/2024	15:15:00	0.00525	0.00002	1 337	Planned	Planned Interruption	Remove/decommission Tx WO297. Disconnect 11kv cable between WO2
O-4129-B	Fert. Works	Kioreroa CB6	6/16/2024	10:11:00	6/16/2024	16:30:00	0.00590	0.00002	1 379	Planned	Planned Interruption	Replace 1Mva Tx WO300 with a 750kva.
O-4249-B	Hakaru	Kaiwaka CB1032	6/17/2024	09:13:00	6/17/2024	15:34:00	1.25759	0.00330	212 80772	Planned	Planned Interruption	Customer Work to upgrade MC229 from 100kva OH TX to 200kva pad m
O-4177-B	Titoki	Poroti CB1032	6/18/2024	09:02:13	6/18/2024	13:43:27	0.18828	0.00067	43 12093	Planned	Planned Interruption	Network Maintenance - ARM & HARDWARE REPLACEMENT
O-4138-B	North River	Ruakaka CB7	6/18/2024	09:33:00	6/18/2024	12:24:00	0.02929	0.00017	11 1881	Planned	Planned Interruption	Clear trees in 11kv lines from Pole #44051 to Pole #44052
O-4147-B	Kaiwaka South	Kaiwaka CB1072	6/18/2024	10:04:00	6/18/2024	13:25:00	0.03442	0.00017	11 2211	Planned	Planned Interruption	Network Extension - Upgrade Tx C411 from 50 to 100kVA pole mount type
F-6301-A O-3949-B	Thelma Road Hakaru	Mangawhai North CB4 Kaiwaka CB1032	6/18/2024 6/19/2024	11:30:00 09:02:31	6/18/2024 6/19/2024	11:36:00 14:08:18	0.00056	0.00009	6 36 16 4893	Unplanned Planned	Other Cause Planned Interruption	383389 / Isolate for tap change.
0-3949-B 0-4141-B	Puwera	Maungatapere CB7	6/19/2024	09:03:00	6/19/2024	14:24:00	0.30987	0.00023	62 19902	Planned	Planned Interruption	Network Maintenance - replace poles and hardware Network Maintenance replace cross arms and transformers straighten p
F-6307-A	Tangaihi	Ruawai CB1032	6/19/2024	17:49:00	6/19/2024	18:36:00	0.30987	0.00097	284 13348	Unplanned	Defective Equipment	Blown HV Jumper @ pole 11264FP383690
O-3961-B	Otangarei	Tikipunga CB7	6/20/2024	09:04:00	6/20/2024	19:16:00	0.94333	0.00154	99 60588	Planned	Planned Interruption	Network Maintenance - Cut away cable from SW7001 & Connect to New
O-4150-B	Puwera	Maungatapere CB7	6/20/2024	09:10:00	6/20/2024	22:18:00	1.07334	0.00134	92 68938	Planned	Planned Interruption	HV & LV pole Cross arm replacement and replace pole 46425
O-4288-B	ToeToe Rd	Kioreroa CB7	6/20/2024	09:11:00	6/20/2024	16:53:00	0.33808	0.00073	47 21714	Planned	Planned Interruption	Urgent Repairs. Tree to be cut between GBC poles 117 and 118.
O-14629-A	Whakapara	Hikurangi CB1112	6/23/2024	23:42:00	6/24/2024	02:23:00	0.12784	0.00079	51 8211	Unplanned	Defective Equipment	FP 383782 Broken HV jumper pole 906135
F-6463-A	Coast	Dargaville CB6	6/24/2024	07:23:30	6/24/2024	14:21:00	0.69319	0.00246	158 44522	Unplanned	Vegetation	FP 383787Babylon coast Rd - Line down
O-4210-B	Swamp North	Hikurangi CB1042	6/24/2024	09:14:00	6/24/2024	14:51:00	0.04198	0.00012	8 2696	Planned	Planned Interruption	Network Maintenance replace cross arms and reposition pole
O-3736-B	Otangarei	Tikipunga CB7	6/24/2024	09:17:00	6/24/2024	13:14:00	0.28782	0.00121	78 18486	Planned	Planned Interruption	Cut away cables at SW7002 & connect to New SW10145
O-4222-B	Tangaihi	Ruawai CB1032	6/24/2024	09:33:00	6/24/2024	13:52:00	0.00403	0.00002	1 259	Planned	Planned Interruption	Upgrade transformer & pole top connection for service line OHUG
O-4162-B	Puwera	Maungatapere CB7	6/25/2024	09:04:00	6/25/2024	12:54:00	0.30797	0.00134	86 19780	Planned	Planned Interruption	HV & LV pole Cross arm replacement and replace pole 46425
O-4243-B	Jordan Valley	Hikurangi CB1102	6/26/2024	09:10:00	6/26/2024	15:02:00	0.06029	0.00017	11 3872		Planned Interruption	Network Extension upgrading from 50kVa to 100kVA transformer
O-4306-B O-4246-B	Access Rd	Ruawai CB1022	6/26/2024 6/26/2024	09:31:00 09:41:00	6/26/2024 6/26/2024	14:23:34 14:56:00	0.53751	0.00184	118 34523 229 72135	Planned	Planned Interruption	Replace pole 44561 with 12.5m Busck pole, Run new span of Flourine co Replace poles 10598 and 10599. Relocate pole 10599 5m from current le
O-4246-B F-6535-A	Langs Beach Marsden South	Mangawhai North CB3 Bream Bay CB1111	6/26/2024	09:41:00 17:38:04	6/26/2024	14:56:00	1.12312 0.02479	0.00357	229 72135 101 1592	Planned	Planned Interruption	Replace poles 10598 and 10599. Relocate pole 10599 5m from current le Trip OC AB Phase
F-6538-A	Marsden South Titoki	Poroti CR1032	6/26/2024	22:55:55	6/25/2024	07:20:00	0.02479	0.00157	336 41149	Unplanned	Third Party Interference	383912278 Opouteke Rd - Car vs pole rego - LWL27
F-6544-A	Town Hikurangi	Hikurangi CB1082	6/27/2024	06:34:06	6/27/2024	09:30:00	0.08764	0.00050	32 5629	Unplanned	Defective Equipment	Broken jumper and crucifix @ KS125. LV backfed from KS144 while repa
O-4315-B	Maunu	Maunu CB1032	6/27/2024	09:02:05	6/27/2024	15:19:16	1.89685	0.00503	323 121830	Planned	Planned Interruption	Network Maintenance.Replacing 400v Cross arms, Running 11kv conductions
F-6559-A	Access Rd	Ruawai CB1022	6/30/2024	07:59:08	6/30/2024	08:16:11	0.04725	0.00523	336 3035	Unplanned	Unknown	Sw 2156 indicating fault - Livened remotely - all restored
O-877-C	Whakapara	Hikurangi CB1112	7/1/2024	09:00:16	7/1/2024	15:04:25	0.15867	0.00044	28 10196	Planned	Planned Interruption	Remove pole 42015. Install new pole. Remove pole mount transformer
O-4270-B	North Kaiwaka	Kaiwaka CB1022	7/1/2024	09:26:00	7/1/2024	14:42:00	0.06885	0.00022	14 4424	Planned	Planned Interruption	Upgrade Tx C184 from 50kVA to a 100kVA
F-6589-A	North Kaiwaka	Kaiwaka CB1022	7/1/2024	10:49:00	7/1/2024	11:23:00	0.03651	0.00107	69 2346	Unplanned	Defective Equipment	Missing nut on the top crossarm pole 325279 - No FP isssued. Carried or
F-6565-A	Otonga	Hikurangi CB1032	7/1/2024	13:05:07	7/1/2024	13:20:51	0.39786	0.02529	1625 25566	Unplanned	Unknown	T & C Paralleled wtih Whakapara fdr (planned job O-877-C) - no FPI's trig
O-4330-B	MTON - MTO POS	Maungaturoto POS CB1262	7/2/2024	08:48:00	7/2/2024	13:37:34	0.53174	0.00184	118 34169	Planned	Planned Interruption	33 kV line height mitigation11kV isolation only for safety while working
	MTON - MTO POS	Maungaturoto POS CB1262	7/2/2024	08:48:31	7/2/2024	13:38:37	0.53272	0.00184	118 34232	Planned	Planned Interruption	33 kV line height mitigation11kV isolation only for safety while working of
S-1802-A				09:17:00	7/2/2024		0.00524	0.00002	1 337	Planned	Planned Interruption	
O-994-C	King Road	Mangawhai North CB2	7/2/2024		1/2/2021	14:54:00			1 33/			Network Extension - Upgrade transformer MC564 from 30kva to 300kva
	King Road Matapouri Turiwiri	Mangawhai North CB2 Ngunguru CB1032 Dargaville CB9	7/2/2024 7/2/2024 7/3/2024	11:05:00 09:04:00	7/2/2024 7/2/2024 7/3/2024	14:54:00 11:15:00 15:03:00	0.00524 0.00109 0.27375	0.00002	7 70 49 17591	Unplanned	Other Cause Planned Interruption	Network Extension - Upgrade transformer MC564 from 30kva to 300kva FP 384039Changed tap settings on NT118 Replacing 11kv pole and cross arms.

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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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 brea
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	Planned Interruption	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 Dsubs 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
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 5
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	Maungakaramea	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		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		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 17651/2
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	Tangowahine	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 T
O-4408-B	Whakapara	Hikurangi CB1112	7/15/2024	09:55:00	7/15/2024	11:19:00	0.03922	0.00047		2520	Planned	Planned Interruption	Fit neutral lugs flat, paint
O-4066-B	Puwera Coast	Maungatapere CB7	7/16/2024	09:04:00	7/16/2024	15:12:00	0.35506	0.00096	62 300	22816 36580	Planned	Planned Interruption	Network Maintenance replace cross arms and transformers straighten poles an
F-6664-A O-886-C	One Tree Point	Dargaville CB6 Ruakaka CB6	7/17/2024 7/18/2024	04:26:42	7/17/2024 7/18/2024	10:19:00	0.56926	0.00467	300	36580 25740	Unplanned Planned	Defective Equipment Planned Interruption	FP 384538Tripped EF - Replaced polymer at pole 15747 Ruakaka CR6 : Takahiwai Rd : Network Maintenance
O-886-C O-4264-B	One Tree Point Titoki	Ruakaka CB6 Poroti CB1032	7/18/2024	09:05:00	7/18/2024	12:59:00	0.40057	0.00171	34	25740 9588	Planned Planned	Planned Interruption Planned Interruption	Ruakaka CB6 : Takahiwai Rd : Network Maintenance Replace cross arms and refurbish Dsub P194
O-4264-B O-4441-B	Kaiatea	Ngunguru CB1072	7/18/2024	09:14:00	7/18/2024	10:42:00	0.14921	0.00053	48	3552	Planned	Planned Interruption	Network Maintenance Fit neutral lugs flush
U-4441-B F-6688-A	Tangaihi	Ruawai CB1032	7/18/2024	12:13:00	7/18/2024	15:43:00	0.05528	0.00075	48	3552 848	Unplanned	Defective Equipment	
F-6700-A	Kaiatea	Ngunguru CB1072	7/18/2024	07:44:56	7/19/2024	08:00:42	0.01320	0.00017	682	4592	Unplanned Unplanned	Unknown	Trip & close to Sw 720. 15 min close on Sw 720 due to All FPIs activating.
0-1003-C	Ararua	Mareretu CB2	7/19/2024	07:44:56	7/19/2024	14:33:00	0.12605	0.01061	25	4592 8100	Planned	Planned Interruption	Network Maintenance - Replacement of LV X-Arms & reconductoring works bell
O-1003-C	Titoki	Poroti CB1032	7/19/2024	09:09:00	7/19/2024	13:32:00	0.17392	0.00059	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	Whatatiri	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, BTN
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 B & C. FPIs at Sw 2255 activated. BTN
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 assosiated hardware Straight joint 11kv cable feeding
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	5933	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 Dub RB120, replace Links 531 and replace cross arms at various poles
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 transform
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	Cairnfield 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/UG CONVER
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 transfe
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	FP 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	Kaiatea	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 AB - FPI at Swith 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	Tangaihi	Ruawai CB1032	7/29/2024	11:30:00	7/29/2024	11:43:00	0.00061	0.00005	3	39	Unplanned	Vegetation	FP 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 Dsubs 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
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 H
O-4462-B	Whangarei Heads	Parua Bay CB3	7/31/2024	09:03:00	7/31/2024	15:28:00	0.91190	0.00317	204	58598	Planned	Planned Interruption	Replacing Transformer PO274 & Pole 24497
O-4429-B	Brynderwyn	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	Hikurangi CB1102	7/31/2024	09:08:00	7/31/2024	12:41:00	0.08287	0.00039	25	5325	Planned	Planned Interruption	Network Extension install new transformer KR309
O-1009-C	Puwera	Maungatapere CB7	7/31/2024	09:28:00	7/31/2024	14:06:00	0.12792	0.00047	30	8220	Planned	Planned Interruption	Refurbish Dsub X228 and replace HV & LV cross arms at various sites
0-1012-C	Thelma Road	Mangawhai North CB4	7/31/2024	09:31:00	7/31/2024	16:47:00	0.29807	0.00068	44	19154	Planned	Planned Interruption	Network Maintenance - Disconnect cables from Sw 4181, SW4182 and SW4183
F-6826-A O-1018-C	Jordan Valley	Hikurangi CB1102	7/31/2024	15:04:00	7/31/2024 8/1/2024	19:04:00	0.08217	0.00034	22	5280	Unplanned	Defective Equipment	Damaged conductor between pole 35312 & 35308
	North River	Ruakaka CB7	8/1/2024		0, -,	13:40:00			84	23436	Planned	Planned Interruption	Replace HV & LV cross arms, guy wires and connections at various sites
0-1027-C	Thelma Road	Mangawhai North CB4	8/1/2024	09:58:00	8/1/2024	14:42:00	0.00442	0.00002	1 13	284 1976	Planned	Planned Interruption	Network Maintenance - Replace crossarms and hardware at pole 29746 to EOL
O-4492-B O-4501-B	Mata Hokianga Pd	Ruakaka CB3	8/2/2024	09:08:00 09:18:00	8/2/2024	11:40:00 12:38:00	0.03073	0.00020	13	1976 27312	Planned Planned	Planned Interruption Planned Interruption	Replacing 11kv 400v poles & Cross arms and TX RO218 Remove pole #53535, cut LV over on to new Tx DA44, liven new Tx DA44
O-4501-B F-6841-A	Hokianga Rd Paparoa	Dargaville CB7 Mareretu CB6	8/2/2024 8/2/2024	09:18:00 22:44:00	8/2/2024 8/3/2024	12:38:00	0.42474	0.00222	143	27312	Unplanned Unplanned	Planned Interruption Adverse Environment	
F-6850-A	Marsden Bay	Bream Bay CB1107	8/2/2024	04:08:00	8/4/2024	04:37:00	0.08727	0.00095	51	725		Wildlife Wildlife	FP 385091 - Isolated for safety - pole straighten & install temp guys FP385098 - Possum
41-003U-M		Bream Bay CB1107 Ruakaka CB2	8/4/2024 8/5/2024	04:08:00	8/4/2024 8/5/2024	04:37:00 14:45:41	1.05394	0.00039	197	67771	Unplanned Planned		
	Waipu Langs Beach		8/5/2024 8/5/2024	09:01:40	8/5/2024 8/5/2024	14:45:41	0.03900	0.00306	197	2508	Planned Planned	Planned Interruption Planned Interruption	Network Maintenance replace cross arms connections and ampacts Replace pole 10598 and HV cable riser/crucifix
O-4495-B		Mangawhai North CB3 Maungatapere CB7	8/5/2024 8/5/2024	09:12:00 14:57:00	8/5/2024 8/5/2024	15:34:00	0.03900	0.00118	126	2508 4662	Unplanned Unplanned	Planned Interruption Defective Equipment	The state of the s
O-4495-B O-1042-C					8/5/2024 8/6/2024	15:34:00 15:10:15	0.07250	0.00196	73	26926	Unplanned Planned	Planned Interruption	385129 / Isolate HV to repair spragged wires between poles 46094 & 46095 11kV Pole & Hardware replacements
O-4495-B O-1042-C F-6859-A	Puwera		9/6/2024								rianifeu		
O-4495-B O-1042-C F-6859-A O-892-C	Puwera Montgomery Ave	Onerahi CB8	8/6/2024 8/7/2024	09:01:24							Planned		
O-4495-B O-1042-C F-6859-A O-892-C O-4648-B	Puwera Montgomery Ave Maunu Road	Onerahi CB8 Whangarei South CB1102	8/7/2024	09:04:00	8/7/2024	15:13:00	1.08458	0.00294	189	69741	Planned	Planned Interruption	HV/LV ARM & HARDWARE REPLACEMENT
O-4495-B O-1042-C F-6859-A O-892-C O-4648-B O-4504-B	Puwera Montgomery Ave Maunu Road Thelma Road	Onerahi CB8 Whangarei South CB1102 Mangawhai North CB4	8/7/2024 8/8/2024	09:04:00 09:04:00	8/7/2024 8/8/2024	15:13:00 11:52:00	1.08458 0.14108	0.00294 0.00084	189 54	69741 9072	Planned	Planned Interruption Planned Interruption	HV/LV ARM & HARDWARE REPLACEMENT Network Maintenance - straighten pole, redo HV & LV connections and remove
O-4495-8 O-1042-C F-6859-A O-892-C O-4648-8 O-4504-8 O-4507-8	Puwera Montgomery Ave Maunu Road Thelma Road Puwera	Onerahi CB8 Whangarel South CB1102 Mangawhai North CB4 Maungatapere CB7	8/7/2024 8/8/2024 8/8/2024	09:04:00 09:04:00 09:10:00	8/7/2024 8/8/2024 8/8/2024	15:13:00 11:52:00 12:43:00	1.08458 0.14108 0.41737	0.00294 0.00084 0.00196	189	69741 9072 26838	Planned Planned	Planned Interruption Planned Interruption Planned Interruption	HV/LV ARM & HARDWARE REPLACEMENT Network Maintenance - straighten pole, redo HV & LV connections and remove Network Maintenance - Essential 11kv works
O-4495-B O-1042-C F-6859-A O-892-C O-4648-B O-4504-B	Puwera Montgomery Ave Maunu Road Thelma Road	Onerahi CB8 Whangarei South CB1102 Mangawhai North CB4	8/7/2024 8/8/2024	09:04:00 09:04:00	8/7/2024 8/8/2024	15:13:00 11:52:00	1.08458 0.14108	0.00294 0.00084	189 54	69741 9072	Planned	Planned Interruption Planned Interruption	HV/LV ARM & HARDWARE REPLACEMENT Network Maintenance - straighten pole, redo HV & LV connections and remove

Company Name	Northpower
For Year Ended	31 March 2025

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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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 582
F-6880-A	Tangaihi	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	Marsden Bay	Bream Bay CB1107	8/10/2024	09:10:00	8/10/2024	11:16:00	1.68077	0.02554	1642	108078	Unplanned	Unknown	385272/ Unknown - Trip O/C Phase BC. Patrolled & Livened in sections. Relay of
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 DAR.
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	385290. Isolate to repair blown jumper at pole 301791
F-6910-A	Kaiatea	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	Waipu	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	Tangowahine	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-6922-A	Maungakaramea	Maungatapere CB3	8/15/2024	09:52:00	8/15/2024	12:07:00	0.13436	0.00100	64	8640	Unplanned	Defective Equipment	FP385390Repair spragged line/dead end & change rotten cross-arm
F-6925-A	Ararua	Mareretu CB2	8/15/2024	10:31:00	8/15/2024	13:38:00	0.00095	0.00003	2	61		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	Те Кориги	Dargaville CB2	8/17/2024 8/18/2024	22:07:28 04:19:35	8/18/2024 8/18/2024	03:13:31 04:34:37	1.07321	0.02183	1404	69010 8441	Unplanned	Third Party Interference	
F-6973-A	Te Kopuru North Dargaville	Dargaville CB2 Dargaville CB1	8/18/2024	04:19:35	8/18/2024 8/19/2024	11:36:00	0.13127 0.11995	0.00039	944	8441 7713	Unplanned Unplanned	Vegetation Unknown	Tripped & closed after 15mins - Sw 2255 FPI's activated - Unknown cause, later 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	0.00039	944	51864	Unplanned	Vegetation	FP 385463 - Trip OC Phase AC patrolled nothing found. Later found line down o
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	Defective Equipment	FP 385462 / F 4032091 - Reported pole on fire. Replaced DDOs & LV xarm.
F-6979-A	Te Kopuru	Dargaville CB2	8/18/2024	16:11:00	8/19/2024	01:28:29	1.98143	0.03614	3244	128293	Unplanned	Vegetation	FP 385472 - Lines Down between Poles 14287 & Pole 14286 caused by rotten to
F-6985-A	Tangaihi	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	Paranui	Tikipunga CB6	8/19/2024	15:04:00	8/19/2024	19:52:00	0.64386	0.00124	1132	41402	Unplanned	Vegetation	FP 385527 - Removed tree from lines
F-7009-A	Waipu	Ruakaka CB2	8/20/2024	07:17:00	8/20/2024	07:32:17	0.07123	0.01547	995	4580	Unplanned	Unknown	Trip EF A & N. FPIUs Sw 545 activated. 15 Min Close on Swg 545 & BTN
F-7012-A	Waipu	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 EF A & N. Fault between Sw 545 & 5434. Patrolled & no
O-14920-A	Ararua	Mareretu CB2	8/20/2024	09:12:00	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		Planned	Planned Interruption	Remove bonded earth from crucifix at pole 312091, remove temp break at pole
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 lo
O-4612-B	Hokianga 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	Planned	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 & difficult
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	Turiwiri	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 385655Blown 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
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/ATripped A&B phase O/C - Unknown
F-7057-A	Waipu	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 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 09:05:00	8/27/2024	11:40:00	0.94247	0.01159	745	60603	•		FENZ F4037448 / FP 385745 - Car Vs Pole - Replaced pole
O-4015-B O-4549-B	Austin Road Hatea Drive	Maunu CB1072	8/27/2024 8/27/2024	09:08:00	8/27/2024 8/27/2024	18:55:00 15:05:00	0.43541	0.00098	63	37170 27998	Planned	Planned Interruption Planned Interruption	Replace SW/7746/7747/7748. Complete joints on existing H/V cables to connect
O-4633-B	Access Rd	Tikipunga CB3 Ruawai CB1022	8/27/2024	09:04:00	8/28/2024	14:13:00	0.51418	0.00123	107	33063	Planned Planned	Planned Interruption Planned Interruption	Removing TX WC 246, Installing New TX WC283
0-4633-B	Langs Beach	Mangawhai North CB3	8/28/2024	09:04:00	8/28/2024	15:14:00	0.31418	0.00100	76	25308	Planned	Planned Interruption	Replace Xarms and hardware & Redo HV connections 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	0.0110	776	5276	Unplanned	Unknown	FPIs at switches 2077 and 2156 activated. Note: Sw2077 was Closed & Sw2235
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		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	0.00343	95	29745	Planned	Planned Interruption	Replace poles 40994 and 40979, HV fuses and LA's at Dsub RB169 and HV and L
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 - Sectionlised 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	
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 3858871x HV fuse blown - Unknown (possible lightning). Replaced Fuse barr
F-7159-A	Tangaihi	Ruawai CB1032	9/1/2024	01:43:00	9/1/2024	23:49:00	1.93986	0.03173	2041	124770	Unplanned	Lightning	FP385896 - Tx K325 replaced - LightningK324 blown fuse links barrell still stuck
F-7168-A	Wairere	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. Multplie reported of DDOs open on this feeder.
F-7234-A	Wairere	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 F-7228-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.
	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
			9/1/2024	08:28:30	9/1/2024 9/1/2024	11:55:00	0.01284	0.00006	4	826	Unplanned	Lightning	FP 385926 - Reload and close HV Fuses.
F-7276-A	Bickerstaff	Maungaturoto CB2				09:18:57	0.06385	0.00571	367	4107 967	Unplanned	Unknown	CB 1082 EF trip. FPIs Sw 2049 EF.
F-7276-A F-7243-A	Dunns Rd	Ruawai CB1082	9/1/2024	08:58:23			0.00				Unplanned		
F-7276-A F-7243-A F-7297-A	Dunns Rd Access Rd	Ruawai CB1082 Ruawai CB1022	9/1/2024 9/1/2024	10:47:52	9/1/2024	13:29:00	0.01503	0.00009	-			Lightning	FP385944 - 3x HV fuses blown F104
F-7276-A F-7243-A F-7297-A F-7279-A	Dunns Rd Access Rd Ararua	Ruawai CB1082 Ruawai CB1022 Mareretu CB2	9/1/2024 9/1/2024 9/1/2024	10:47:52 12:04:00	9/1/2024 9/1/2024	13:29:00 12:43:00	0.00485	0.00012	8	312	Unplanned	Lightning	FP 385901-HV fuse replaced E221, found also L3060 blown x1
F-7276-A F-7243-A F-7297-A F-7279-A F-7306-A	Dunns Rd Access Rd Ararua Kaiwaka South	Ruawai CB1082 Ruawai CB1022 Mareretu CB2 Kaiwaka CB1072	9/1/2024 9/1/2024 9/1/2024 9/1/2024	10:47:52 12:04:00 18:59:02	9/1/2024 9/1/2024 9/1/2024	13:29:00 12:43:00 19:14:29	0.00485 0.12394	0.00012 0.00802	8 516	312 7972	Unplanned Unplanned	Lightning Unknown	FP 385901-HV fuse replaced E221, found also L3060 blown x1 Tripped O/C - UnknownSw 320 8&C phase activated
F-7276-A F-7243-A F-7297-A F-7279-A F-7306-A F-7312-A	Dunns Rd Access Rd Ararua Kaiwaka South Tangaihi	Ruawai CB1082 Ruawai CB1022 Mareretu CB2 Kaiwaia CB1072 Ruawai CB1032	9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/2/2024	10:47:52 12:04:00 18:59:02 09:06:21	9/1/2024 9/1/2024 9/1/2024 9/2/2024	13:29:00 12:43:00 19:14:29 12:01:00	0.00485 0.12394 0.00815	0.00012 0.00802 0.00005	3	312 7972 524	Unplanned Unplanned Unplanned	Lightning Unknown Lightning	FP 385901-HV fuse replaced E221, found also L3060 blown x1 Tripped O/C - UnknownSw 320 B&C phase activated FP 385969 - 3x blown HV fuses tx K316
F-7276-A F-7243-A F-7297-A F-7279-A F-7306-A F-7312-A O-4657-B	Dunns Rd Access Rd Ararua Kaiwaka South Tangaihi Tikipunga Hill	Ruawai C81082 Ruawai C81022 Marcetu C82 Kaiwaka C81072 Ruawai C81032 Tilipunga C84	9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024	10:47:52 12:04:00 18:59:02 09:06:21 09:11:00	9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024	13:29:00 12:43:00 19:14:29 12:01:00 15:17:00	0.00485 0.12394 0.00815 0.22193	0.00012 0.00802 0.00005 0.00061	3 39	312 7972 524 14274	Unplanned Unplanned Unplanned Planned	Lightning Unknown Lightning Planned Interruption	FP 385901-HV fuse replaced E221, found also 13060 blown x1 Tripped O/C - UnknownSw 320 88.C phase activated FP 385969 - 3x blown HV fuses tx K316 Replace 150kva Tx T1125 with a 300kva. Replace concrete pad as well.
F-7276-A F-7243-A F-7297-A F-7279-A F-7306-A F-7312-A O-4657-B O-4537-B	Dunns Rd Access Rd Ararua Kaiwaka South Tangaihi Tikipunga Hill North River	Ruawai C81082 Ruawai C81022 Mareretu C82 Kaiwaka C81072 Ruawai C81072 Ruawai C81032 Tikipunga C84 Ruakaka C87	9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024	10:47:52 12:04:00 18:59:02 09:06:21 09:11:00 09:02:40	9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024	13:29:00 12:43:00 19:14:29 12:01:00 15:17:00 13:24:14	0.00485 0.12394 0.00815 0.22193 0.38634	0.00012 0.00802 0.00005 0.00061 0.00148	3	312 7972 524 14274 24849	Unplanned Unplanned Unplanned Planned Planned Planned	Lightning Unknown Lightning Planned Interruption Planned Interruption	FP 385901-HV fuse replaced E221, found also I.3060 blown x1 Tripped D/C - Unknown%9 320 B&C phase activated FP 385969 - 3x blown HV fuses tx X136 Replace 150/kva Tx T1225 with a 300kva. Replace concrete pad as well. Replace HV and LV cross arms
F-7276-A F-7243-A F-7297-A F-7279-A F-7306-A F-7312-A O-4657-B O-4537-B O-15121-A	Dunns Rd Access Rd Ararua Kaiwaka South Tangaihi Tikipunga Hill North River Brynderwyn	Ruswai (181082 Ruswai (181022 Mareretu (182 Kalwaita (181072 Ruswai (181082 Tikipunga (184 Rushaita (187 Maungaturoto (181	9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024	10:47:52 12:04:00 18:59:02 09:06:21 09:11:00 09:02:40 09:12:00	9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024	13:29:00 12:43:00 19:14:29 12:01:00 15:17:00 13:24:14 13:36:00	0.00485 0.12394 0.00815 0.22193 0.38634 0.01642	0.00012 0.00802 0.00005 0.00061 0.00148 0.00006	3 39 95 4	312 7972 524 14274 24849 1056	Unplanned Unplanned Unplanned Planned Planned Planned Planned	Lightning Unknown Lightning Planned Interruption Planned Interruption Planned Interruption	FP 385901-HV fuse replaced E221, found also L3060 blown x1 Tripped O/C - UnknownSw 320 88C phase activated FP 385969 - 38 blown HV fuses th 8316 Replace L50kva Tx TT125 with a 300kva. Replace concrete pad as well. Replace HV and LV cross arms Network Maintenance - At pole e9851 Redo HV connections, Repair HV pole b.
F-7276-A F-7243-A F-7297-A F-7297-A F-7306-A F-7312-A O-4657-8 O-4537-B O-15121-A F-7336-A	Dunns Rd Access Rd Ararua Kalwaka South Tangaihi Tikipunga Hill North River Brynderwyn Waipu	Ruswai C81082 Ruswai C81022 Marcertu C82 Calvaslac C81072 Ruswai C81032 Tikipunga C84 Ruskalac C87 Maungaturoto C81 Rusukaka C62	9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024 9/3/2024	10:47:52 12:04:00 18:59:02 09:06:21 09:11:00 09:02:40 09:12:00 11:49:31	9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024 9/3/2024	13:29:00 12:43:00 19:14:29 12:01:00 15:17:00 13:24:14 13:36:00 16:51:00	0.00485 0.12394 0.00815 0.22193 0.38634 0.01642 0.41989	0.00012 0.00802 0.00005 0.00061 0.00148 0.00006 0.02881	3 39	312 7972 524 14274 24849 1056 27007	Unplanned Unplanned Unplanned Planned Planned Planned Planned Unplanned	Lightning Unknown Lightning Planned Interruption Planned Interruption Planned Interruption Vegetation	FP 385901-HV fuse replaced E221, found also L3060 blown x1 Tripped O/C - UnknownSw 320 88C phase activated FP 385969 - 3x blown HV fuses th x316 Replace 150Nwa Tx T1125 with a 300kva. Replace concrete pad as well. Replace HV and LV cross arms Network Malineance - At pole 49851 Redo HV connections, Repair HV pole b FP 360038 - Lines down between poles 10383 & 10384
F-7276-A F-7243-A F-7297-A F-7297-A F-7306-A F-7312-A O-4537-8 O-15121-A F-7336-A O-14941-A	Dunns Rd Access Rd Ararua Kaiwaka South Tangaihi Tikipunga Hill North River Brynderwyn Walpu Taipuha	Buswai (B1082 Ruswai (B1082 Ruswai (B1082 Ruswai (B1082 Ruswai (B1072 Ruswai (B1072 Ruswai (B1082 Tikkpunga (B4 Buskaia (B7 Maungaturoto (B1 Ruskaia (B7 Maungaturoto (B1 Ruskaia (B7 Marretu (B1 Augustaia (B1 Augustaia (B7 Marretu (B1 Augustaia (B7 Marr	9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024 9/3/2024 9/4/2024	10:47:52 12:04:00 18:59:02 09:06:21 09:11:00 09:02:40 09:12:00 11:49:31 09:00:54	9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024 9/3/2024 9/3/2024	13:29:00 12:43:00 19:14:29 12:01:00 15:17:00 13:24:14 13:36:00 16:51:00	0.00485 0.12394 0.00815 0.22193 0.38634 0.01642 0.41989 0.38853	0.00012 0.00802 0.00005 0.00061 0.00148 0.00006 0.02881 0.00115	3 39 95 4	312 7972 524 14274 24849 1056 27007 24990	Unplanned Unplanned Unplanned Planned Planned Planned Planned Planned Planned Planned Unplanned	Lightning Unknown Lightning Planned interruption Planned interruption Planned interruption Vegetation Planned interruption	FP 385901-HV fuse replaced E221, found also L3060 blown x1 Tripped O/C - UnknownSw 320 B8C phase activated FP 385969-3 kbown HV fuses to K316 Replace 150kva Tx TT125 with a 300kva. Replace concrete pad as well. Replace HV and LV cross arms Network Maintenance - At pole 49851. Redo HV connections, Repair HV pole by FP 360038- Lines down between poles 10838 & 10384 Network Maintenance replace cross arms and connections
F-7276-A F-7243-A F-7297-A F-7279-A F-7312-A O-4657-8 O-4537-B O-15121-A F-7336-A	Dunns Rd Access Rd Ararua Kalwaka South Tangaihi Tikipunga Hill North River Brynderwyn Waipu	Ruswai C81082 Ruswai C81022 Marcertu C82 Calvaslac C81072 Ruswai C81032 Tikipunga C84 Ruskalac C87 Maungaturoto C81 Rusukaka C62	9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024 9/3/2024	10:47:52 12:04:00 18:59:02 09:06:21 09:11:00 09:02:40 09:12:00 11:49:31	9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024 9/3/2024	13:29:00 12:43:00 19:14:29 12:01:00 15:17:00 13:24:14 13:36:00 16:51:00	0.00485 0.12394 0.00815 0.22193 0.38634 0.01642 0.41989	0.00012 0.00802 0.00005 0.00061 0.00148 0.00006 0.02881	3 39 95 4 1853 74	312 7972 524 14274 24849 1056 27007	Unplanned Unplanned Unplanned Planned Planned Planned Planned Unplanned	Lightning Unknown Lightning Planned Interruption Planned Interruption Planned Interruption Vegetation	FP 385901-HV fuse replaced E221, found also L3660 blown x1 Tripped O/C - UnknownSw 320 88C phase activated FP 385969 - 34 blown HV fuses t X316 Replace L50kva Tx TT125 with a 300kva. Replace concrete pad as well. Replace HV and LV cross arms Network Maintenance - At pole 9851 Redo HV connections, Repair HV pole bs FP 36038 - Lines down between poles 10383 & 10384 Network Maintenance - At pole scores arms and connections Replacing 1104 400v poles & cross arms and LV conductor.
F-7276-A F-7243-A F-7297-A F-7297-A F-7306-A F-7312-A O-4657-B O-4537-B O-15121-A F-7336-A O-14941-A O-15106-A	Ounns Rd Access Rd Ararua Kalwaka South Tangahi Tikipunga Hill North River Brynderwyn Walpu Talpuha Maraden Pt	Ruswai C81082 Ruswai C81022 Marcertu C82 Kalvaka C81072 Ruswai C81072 Ruswai C81072 Tilipunga C84 Ruskai C87 Maungaturoto C81 Ruskai C87 Marcertu C81 Ruskai C81 Ruskai C81 Ruskai C81	9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/3/2024 9/3/2024 9/3/2024 9/4/2024 9/4/2024	10:47:52 12:04:00 18:59:02 09:06:21 09:11:00 09:02:40 09:12:00 11:49:31 09:00:54	9/1/2024 9/1/2024 9/1/2024 9/2/2024 9/2/2024 9/3/2024 9/3/2024 9/3/2024 9/4/2024 9/4/2024	13:29:00 12:43:00 19:14:29 12:01:00 15:17:00 13:24:14 13:36:00 16:51:00 14:38:36 14:17:00	0.00485 0.12394 0.00815 0.22193 0.38634 0.01642 0.41989 0.38853 0.14552	0.00012 0.00802 0.00005 0.00061 0.00148 0.00006 0.02881 0.00115 0.00047	3 39 95 4 1853 74 30	312 7972 524 11274 24849 1056 27007 24990 9360	Unplanned Unplanned Unplanned Planned Planned Planned Planned Planned Planned Planned Planned	Lightning Unknown Lightning Planned Interruption Planned Interruption Planned Interruption Planned Interruption Vegetation Planned Interruption Planned Interruption	FP 385901-HV fuse replaced E221, found also L3060 blown x1 Tripped O/C - UnknownSw 320 B8C phase activated FP 385969-3 kbown HV fuses to K316 Replace 150kva Tx TT125 with a 300kva. Replace concrete pad as well. Replace HV and LV cross arms Network Maintenance - At pole 49851. Redo HV connections, Repair HV pole by FP 360038- Lines down between poles 10838 & 10384 Network Maintenance replace cross arms and connections

SCHEDULE 10a: REPORT ON INTERRUPTIONS

sch ref			

0-15001-A	North River		Ruakaka CB7	9/6/2024	09:09:00	9/6/2024	14:34:00	0.00000	0.00000	٥	0 Planned	Planned Interruption	Remove/decommission pole mount Tx RB232. Replace 11kv arm and fit new fuses
0-15130-A	Maungakaramea		Maungatapere CB3	9/6/2024	09:31:00	9/6/2024	13:26:00	0.00000	0.00011	7	1645 Planned	Planned Interruption	Network Extension upgrade transformer and and hardware as per 1c plan
-14998-A	Turiwiri		Dargaville CB9	9/6/2024	09:39:00	9/6/2024	15:03:00	0.20150		40	12960 Planned	Planned Interruption	Cut Trees around 11ky lines
354-A	Titoki		Poroti CB1032	9/6/2024	18:12:00	9/6/2024	18:27:53	0.14971	0.01197	770	9629 Unplanned	Unknown	Trip OC BC, High fault current measured on POR CB 3022 so left for 15min attempt
860-A	Tangaihi		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 brac
66-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 L10099 - patrol line
0-B	Charles St		Kamo CB2	9/8/2024	09:02:00	9/8/2024	14:20:00	0.16316	0.00051	33	10494 Planned	Planned Interruption	Remove/decommission existing transformer KR130. Replace pole 54212 with B11.
0-B	Whau Valley		Tikipunga CB1	9/9/2024	09:16:00	9/9/2024	17:41:00	0.50250	0.00100	64	32320 Planned	Planned Interruption	Stage 1 Installation of new RMU 10130, 10131, 10132 & 10133.
'9-B	Whau Valley		Tikipunga CB1	9/10/2024	09:05:00	9/10/2024	15:13:00	0.56375	0.00155	100	36260 Planned	Planned Interruption	Stage 2 Connect Sw 10133 to Tx KK124, connect Sw 10131 to Tx KK125
.72-A	Tangaihi		Ruawai CB1032	9/10/2024	09:13:00	9/10/2024	13:37:00	0.17239		42	11088 Planned	Planned Interruption	Replace Poles & Crossarms
370-A	North River		Ruakaka CB7	9/10/2024	09:31:53	9/10/2024	11:25:25	0.40599	0.00358	230	26113 Planned	Planned Interruption	Replace defective cross arm on pole 39150
73-B	Whau Valley		Tikipunga CB1	9/11/2024	09:14:00	9/11/2024	18:02:00	0.27911	0.00053	34	17952 Planned	Planned Interruption	Remove 11KV cable from Sw7358 (redundant RMU) connect to SW 10130. Networ
5019-A	Langs Beach		Mangawhai North CB3	9/11/2024	09:32:00	9/11/2024	13:32:00	0.03731		10	2400 Planned	Planned Interruption	
5148-A	Mangawhai Heads		Mangawhai North CB1	9/11/2024	09:38:00	9/11/2024	15:04:00	0.78055	0.00239	154 577	50204 Planned	Planned Interruption	Network Extension - Replace pole 906635. Install Temp SW on pole 14150 (closed
102-A 5361-A	Tangowahine		Dargaville CB8	9/12/2024 9/13/2024	18:47:03 09:01:00	9/12/2024 9/13/2024	19:02:47	0.04638	0.00897	240	2983 Unplanned 88497 Planned	Unknown Planned Interruption	Sw 2037 indicating fault
14-A	Tikipunga Hill Three Mile Bush		Tikipunga CB4 Kamo CB3	9/13/2024	23:02:00	9/13/2024	15:11:00 01:00:00	0.21832	0.00373	119	14042 Unplanned	Defective Equipment	Liven new safelink 10187/10188/10189/10190. FP 386332 - Replace faulty insulator
681-B	Western Hills Dr		Alexander St CB7	9/15/2024	22:33:00	9/16/2024	02:12:00	0.01021	0.00185	119	657 Planned	Planned Interruption	Replacing Transformer WC282 & replacing pillar next to Burger King.
126-A	One Tree Point		Ruakaka CB6	9/15/2024	23:02:00	9/16/2024	04:08:00	0.27087	0.00003	182	17422 Unplanned		386353 / Isolate to replace DDOs & Tx RO305 due to Oil leaking.
429-A	Brynderwyn		Maungaturoto CB1	9/16/2024	07:51:14	9/16/2024	10:34:00	0.27087	0.00283	187	11478 Unplanned		FP386359Tractor clashed lines at quarry between poles 301379 & 300958 (damage
672-B	ToeToe Rd		Kioreroa CB7	9/16/2024	09:03:01	9/16/2024	13:29:39	0.36066	0.00231	87	23197 Planned	Planned Interruption	ARM & HARDWARE REPLACEMENTS
405-A	Turiwiri		Dargaville CB9	9/16/2024	09:55:00	9/16/2024	11:26:00	0.00566	0.00006	4	364 Unplanned	Other Cause	FP386094Install line break to cut away future redundant line & Tx's
5721-A	Ararua		Mareretu CB2	9/16/2024	13:23:00	9/16/2024	14:37:00	0.00230		2	148 Unplanned	Defective Equipment	Broken binder found at Pole 48753FP386372
5187-A	Paranui		Tikipunga CB6	9/17/2024	09:03:27	9/17/2024	12:17:57	0.39312	0.00202	130	25285 Planned	Planned Interruption	Network Extension upgrade from 15kVA to 50kVA transformer
1585-B	Onoke		Kamo CB8	9/17/2024	09:04:00	9/17/2024	10:25:00	0.06423		51	4131 Planned	Planned Interruption	Re configure Lightning arrrestors and Iv fusing on transformer KV163
15733-A	Taipuha		Mareretu CB1	9/17/2024	09:44:00	9/17/2024	09:46:00	0.00006		2	4 Unplanned	Lightning	FP386406 1 x blown HV link - removed other two to inspect LV fuse boxes, reloade
7447-A	Otonga		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 safet
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
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
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
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 875Intterruption time Ref F-7477-A
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
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
7489-A	Paparoa		Mareretu CB6	9/17/2024	18:47:24	9/17/2024	19:04:13	0.15844		606	10191 Unplanned	Lightning	Tripped O/C A&B phase - Lightning in the area
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
15103-A	Langs Beach		Mangawhai North CB3	9/18/2024	09:07:00	9/18/2024	14:51:00	0.12836		24	8256 Planned	Planned Interruption	Upgrade conductor between pole 10705 and pole 10720
7537-A	Whau Valley		Tikipunga CB1	9/18/2024	12:31:23	9/18/2024	16:37:00	1.92839		1278	124032 Unplanned	Third Party Interference	e F4051510 / FP386506 - Car Vs Pole
7555-A	Hakaru		Kaiwaka CB1032	9/18/2024	19:31:48	9/18/2024	23:28:44	0.71856	0.01290	830	46217 Unplanned	Defective Equipment	FP386520Binder broken and conductor come off onto Xarm at pole 45906
7558-A	Whangarei Heads		Parua Bay CB3	9/18/2024	23:23:14	9/18/2024	23:38:20	0.12794		798	8229 Unplanned	Unknown	O/C A&B phase - Unknown (F4)
4687-B	ToeToe Rd		Kioreroa CB7	9/19/2024	09:02:18	9/19/2024	13:35:54	0.36583		86	23530 Planned	Planned Interruption	ARM & HARDWARE REPLACEMENTS
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.
7588-A	Tangowahine		Dargaville CB8	9/21/2024	05:50:33	9/21/2024	06:05:16	0.09398	0.00505	581	6045 Unplanned	Unknown	B & C Phase OC - No FPIs
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
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
15289-A 4666-R	Tangowahine		Dargaville CB8 Operahi CB8	9/23/2024 9/24/2024	09:12:00 05:13:00	9/23/2024 9/24/2024	13:44:00	0.10572	0.00039	25	6800 Planned	Planned Interruption Planned Interruption	Network Extension - Replace pole 324039 & liven 11kV up to links 10204 (Links to
4666-B 4621-B	Montgomery Ave		Poroti CB1022	9/24/2024	05:13:00	9/24/2024	13:00:00	0.12407	0.00131	84		Planned Interruption Planned Interruption	Isolate 11KV so we can remove 11KV from stand offs on pole 300838. In preparation
4621-В 15637-А	Kokopu Marsden Bay		Bream Bay CB1107	9/24/2024	09:02:00	9/24/2024	14:17:00	0.36633	0.00154	153	23562 Planned 48042 Planned	Planned Interruption	HV & LV cross arm replacement, LV pole replacement and redo connections
1585-A 15385-A	King Road		Mangawhai North CB2	9/24/2024	09:03:00	9/24/2024	13:28:36	0.74693		153	37252 Planned	Planned Interruption	Straighten double pole due to leaning towards the road (Rework)Re terminate LV to Network Extension - Replace pole 32480 and install 3 phase 100KVA transformer is
15442-A	Brynderwyn		Maungaturoto CB1	9/25/2024	09:05:00	9/25/2024	15:26:00	0.37918	0.00219	141	17526 Planned	Planned Interruption	Network Maintenance - Replace HV & LV crossarms, straighten poles, redo HV con
15442-A 1633-A	Te Kopuru		Dargaville CB2	9/26/2024	08:36:17	9/26/2024	08:51:49	0.27249	0.00072	196	2242 Unplanned	Unknown	Relivened
4684-R	Taipuha		Mareretu CB1	9/26/2024	09:02:07	9/26/2024	14:40:00	0.26540		51	17070 Planned	Planned Interruption	
15256-A	Titoki		Poroti CB1032	9/27/2024	09:03:00	9/27/2024	12:38:00	0.03343		10	2150 Planned	Planned Interruption	Clear trees around 11kv from Pole 50186 to the end of line
14977-A	Taipuha		Mareretu CB1	9/27/2024	09:06:00	9/27/2024	10:51:00	0.00163	0.00010	1	105 Planned	Planned Interruption	Replace poles and crossarms
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
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
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 Xarm brace (nut off Xarm)
7651-A	Tangaihi		Ruawai CB1032	9/28/2024	18:34:07	9/28/2024	22:49:00	0.18225	0.00241	155	11722 Unplanned	Defective Equipment	
4630-B	Norfolk St		Alexander St CB1	9/29/2024	08:38:00	9/29/2024	15:50:00	0.15448		23	9936 Planned		Replace Transformer WC231 & concrete foundation
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
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
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.
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 #2828
663-A	Paparoa		Mareretu CB6	10/2/2024	20:57:00	10/3/2024	03:51:14	2.78188	0.01861	1198	179057 Unplanned	Vegetation	386935 / Trees on lines causing feeder to trip. Long outage time due to no MTO ba
.5652-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
	Whau Valley		Tikipunga CB1	10/3/2024	09:09:00	10/3/2024	14:59:00	0.00544		1	350 Planned	Planned Interruption	Replace ground mount D-sub WC109 with 500kva. Install new transformer base.
	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
15544-A			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 L9825 Install new Tx 00561, L10214 & L10215
5544-A 5505-A	Pataua		Maungaturoto CB2	10/4/2024	09:03:00	10/4/2024	13:30:00	0.23645		57	15219 Planned	Planned Interruption	Remove TX D350 and install new pad mount TX and label D447
L5544-A L5505-A L5304-A	Bickerstaff	1	Whangarei South CB1022	10/4/2024	09:10:00	10/4/2024	14:56:00	0.54218		103	34898 Planned	Planned Interruption	Network Maintenance - LV ARM & HAREWARE REPLACEMENTS
15544-A 15505-A 15304-A 15565-A	Bickerstaff Walton St			10/4/2024	10:01:20	10/4/2024	12:40:58	0.43898	0.00275	177	28255 Planned	Planned Interruption	Replace Sw 2153
15544-A 15505-A 15304-A 15565-A 15283-A	Bickerstaff Walton St Te Kopuru		Dargaville CB2					0.46676	0.00421	271	30043 Unplanned	Third Party Interference	
15544-A 15505-A 15304-A 15565-A 15283-A	Bickerstaff Walton St Te Kopuru North River		Ruakaka CB7	10/5/2024	08:49:21	10/5/2024	17:50:00						a 387007/ Recloser 1542 Trip EF Phase C to lockout. Vehicle hit OH Stay wire causing
15544-A 15505-A 15304-A 15565-A 15283-A 6678-A	Bickerstaff Walton St Te Kopuru North River Hatea Drive		Ruakaka CB7 Tikipunga CB3	10/5/2024 10/6/2024	08:36:00	10/6/2024	18:28:00	0.70821	0.00120	77	45584 Planned	Planned Interruption	Replace CFCF Switch 285-286-288-287. note cable fault between Sw 286 & WC248
15544-A 15505-A 15304-A 15565-A 15283-A 2678-A 4645-B	Bickerstaff Walton St Te Kopuru North River Hatea Drive Jordan Valley		Ruakaka CB7 Tikipunga CB3 Hikurangi CB1102	10/5/2024 10/6/2024 10/6/2024	08:36:00 15:36:38	10/6/2024 10/6/2024	18:28:00 22:09:00	0.70821	0.00120 0.00740	77 476	45584 Planned 30361 Unplanned	Planned Interruption Defective Equipment	Replace CFCF Switch 285-286-288-287. note cable fault between Sw 286 & WC248 FP 387016 - lines down Rusk Rd
15430-A 15544-A 15505-A 15304-A 15506-A 15283-A 7678-A 4645-B 7681-A	Bickerstaff Walton St Te Kopuru North River Hatea Drive Jordan Valley Montgomery Ave		Ruakaka CB7 Tikipunga CB3 Hikurangi CB1102 Onerahi CB8	10/5/2024 10/6/2024 10/6/2024 10/7/2024	08:36:00 15:36:38 05:47:00	10/6/2024 10/6/2024 10/7/2024	18:28:00 22:09:00 06:43:00	0.70821 0.47170 0.07308	0.00120 0.00740 0.00131	77 476 84	45584 Planned 30361 Unplanned 4704 Planned	Planned Interruption Defective Equipment Planned Interruption	Replace CFCF Switch 285-286-288-287, note cable fault between Sw 286 & WC248 FP 387016 - lines down Rusk Rd Reconnect 11KV cables back onto stand off's at pole 300838.
15544-A 15505-A 15304-A 15565-A 15283-A 2678-A 4645-B	Bickerstaff Walton St Te Kopuru North River Hatea Drive Jordan Valley		Ruakaka CB7 Tikipunga CB3 Hikurangi CB1102	10/5/2024 10/6/2024 10/6/2024	08:36:00 15:36:38	10/6/2024 10/6/2024	18:28:00 22:09:00	0.70821	0.00120 0.00740 0.00131 0.00078		45584 Planned 30361 Unplanned	Planned Interruption Defective Equipment	Replace CFCF switch 285-286-288-287, note cable fault between Sw 286 & WC246 FP 387016 - lines down Rusk Rd Reconnect 118V cables back onto stand off's at pole 300838. Replace 11kv arms at pole #24926

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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O-15622-A	Titoki	Poroti CB1032	10/7/2024	09:56:58	10/7/2024	13:25:50	0.42186	0.00202	130	27153	Planned	Planned Interruption 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		Planned	Planned Interruption Replace HV & LV crossarms and LV poles and earthing upgrade at MC
D-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	Planned Interruption Network Maintenance - replace TX F207 like for like and hardware. R
-7711-A	Treatment	Kioreroa CB2	10/9/2024	02:57:24	10/9/2024	05:08:00	0.41028	0.00350	225	26408	Unplanned	Unknown 387103/Trip O/C Phase BC. Patrolled & checked FPI's, Livened in sec
D-15556-A	Kokopu	Poroti CB1022	10/9/2024	09:01:00	10/9/2024	14:27:00	0.26844	0.00082	53	17278	Planned	Planned Interruption Network Maintenance - POLE, ARM & HARDWARE REPLACEMENTS B
D-15769-A	Kaiwaka South	Kaiwaka CB1072	10/9/2024	09:45:00	10/9/2024	15:22:00	0.30367	0.00090	58		Planned	Planned Interruption Upgrade Dsub C452 from 15 to 100kVA pole mount type. Replace 11
-7720-A	Access Rd	Ruawai CB1022	10/9/2024	15:24:00	10/9/2024	15:50:00	0.00162	0.00006	4	104		Unknown FP3871141 x HV Drop Out Fuse Blow with bad corrosion. Other Two
D-15811-A	Union East	Kioreroa CB1	10/10/2024	05:39:00	10/10/2024	07:17:00	0.01066	0.00011	7	686		Planned Interruption Maintenance on ZZ010
0-15307-A	Ruawai Town	Ruawai CB1072	10/10/2024	09:10:00	10/10/2024	13:34:00	0.38555	0.00146	94		Planned	Planned Interruption Network Maintenance - Replace HV & LV crossarms
D-16003-A	Kiripaka Rd	Tikipunga CB8	10/10/2024	09:12:00	10/10/2024	16:10:00	0.57798	0.00138	89		Planned	Planned Interruption Overlay existing 11kV underground cable due to storm water replace
D-15358-A	Kokopu	Poroti CB1022	10/11/2024	09:00:00	10/11/2024	12:28:00	0.17127	0.00082	53		Planned	Planned Interruption CONDUCTOR, ARM & HARDWARE REPLACMENTS
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		Unplanned	Third Party Interference FP387194Reported car hit a run stay wire - found broken HV preform
F-7735-A	Tutukaka Block	Ngunguru CB1082	10/12/2024	13:52:26	10/12/2024	14:08:33	0.05779	0.01025	660		Unplanned	Unknown Sw 7170 indicating Ph A&B. Successfully livened remotely.
F-7738-A	Te Kopuru	Dargaville CB2	10/13/2024	07:31:55	10/13/2024	07:48:18	0.20499	0.01470	946		Unplanned	Unknown Trip O/C Phase BC - Unknown. (Feeder Classification F4) 15min succe
)-15481-A	Tangowahine	Dargaville CB8	10/14/2024	09:36:00	10/14/2024	10:57:00	0.06921	0.00085	55		Planned	Planned Interruption Replace 11kv Arms and connections at pole #37079
)-15631-A	North River	Ruakaka CB7	10/15/2024	09:01:00	10/15/2024	14:14:00	0.55923	0.00179	115		Planned	Planned Interruption Pole, arm and hardware replacements
-15220-A	Ruawai Town	Ruawai CB1072	10/15/2024	09:06:00	10/15/2024	14:15:00	0.26404	0.00085	55		Planned	Planned Interruption Network Maintenance - replace TX F203 like for like and pole hardwa
-15013-A	Mangawhai Heads	Mangawhai North CB1	10/15/2024	09:39:00	10/15/2024	14:24:00	1.05383	0.00370	238		Planned	Planned Interruption POSD RMU service
-7747-A	Access Rd	Ruawai CB1022	10/15/2024	17:54:00	10/15/2024	19:16:00	0.01274	0.00016	10	820		Defective Equipment FP 387184 - Replaced 11kV Fuses E313
-976-C	Ararua	Mareretu CB2	10/16/2024	09:21:00	10/16/2024	14:40:00	0.25590	0.00081	52		Planned	Planned Interruption Network Extension - Re-route 11kV Double circuit conductors on new
15742-A	Kaiatea	Ngunguru CB1072	10/17/2024	09:08:00	10/17/2024	15:09:00	0.16826	0.00047	30		Planned	Planned Interruption Network Extension re-locate poles and install new 30kVA tx NP308
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	Planned Interruption Replace Pole #35782 with B11
15922-A	Hakaru	Kaiwaka CB1032	10/17/2024	11:31:00	10/17/2024	12:22:00	0.33041	0.00648	417	21267	Planned	Planned Interruption Improvements in Supply Quality. Installing New switch 10174 on pole
7813-A	Fert. Works	Kioreroa CB6	10/18/2024	09:07:00	10/18/2024	09:54:00	0.00730	0.00016	10	470	Unplanned	Defective Equipment FP387385Broken HV binder @ pole 62490
7816-A	Whakapara	Hikurangi CB1112	10/20/2024	06:14:35	10/20/2024	10:49:00	0.57169	0.00673	433		Unplanned	Defective Equipment FP 387427 - 11kV jumper KB511 fault
-15970-A	Maunu Road	Whangarei South CB1102	10/20/2024	09:05:00	10/20/2024	15:45:00	0.37909	0.00095	61		Planned	Planned Interruption OHUG Tx CONVERSION. INSTALL NEW GM Tx's WC469, WC470 & REI
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 FP 387431 - Patrolled - Palm branch removed from 11kV - repeat offer
16090-A	Brynderwyn	Maungaturoto CB1	10/22/2024	09:02:00	10/22/2024	15:26:00	0.04176	0.00011	7	2688	Planned	Planned Interruption Network Maintenance - relocate TX out of drain area
16009-A	Taipuha	Mareretu CB1	10/22/2024	09:10:00	10/22/2024	12:48:00	0.00339	0.00002	1	218	Planned	Planned Interruption Replace poles 34238 and 34239.
15784-A	Onoke	Kamo CB8	10/22/2024	09:16:00	10/22/2024	12:53:00	0.06743	0.00031	20	4340	Planned	Planned Interruption Upgrade pole mount Tx KV122 from a 50kva to a 75kva. Upgrade HT
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	Planned Interruption Replace pole, replace crossarms, straighten poles and upgrade F201
15748-A	Taipuha	Mareretu CB1	10/23/2024	09:01:00	10/23/2024	12:55:00	0.14906	0.00064	41	9594	Planned	Planned Interruption Replace HV cross arms and pole 33695
15712-A	Paranui	Tikipunga CB6	10/23/2024	09:03:11	10/23/2024	12:12:23	0.38213	0.00202	130	24596	Planned	Planned Interruption Clear trees around 11kv lines from pole #51360 to the end of line
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	Planned Interruption Network Maintenance - pole replacement & replacing LV conductor is
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	Planned Interruption Level transformer
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 387498 / Carry out repairs to broken 11kV binder and spragged LV binder
16174-A	Fert. Works	Kioreroa CB6	10/23/2024	15:55:00	10/23/2024	17:01:00	0.00205	0.00003	2	132	Planned	Planned Interruption Network Maintenance Cleaning Tx room & install fire detector
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 387505 Report of loud bang near Y184 - nothing found, suspect a bird
-15871-A	Titoki	Poroti CB1032	10/24/2024	09:02:00	10/24/2024	13:37:00	0.17090	0.00062	40	11000	Planned	Planned Interruption Clear trees around 11ky lines from pole #50468 to pole #334448
-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	Planned Interruption Replace Transformer MC287 like for like, Replace HV and LV hardwai
-15874-A	Tangowahine	Dargaville CB8	10/25/2024	09:35:00	10/25/2024	15:20:00	0.19296	0.00056	36	12420	Planned	Planned Interruption POLE & HARDWARE REPLACEMENTS
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 387585/ Car v PoleEvent No. 4075094
-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	Planned Interruption Clear trees around lines from pole #49334 to the end of line
16168-A	Wairere	Mareretu CB5	10/29/2024	09:41:00	10/29/2024	13:25:00	0.01740	0.00008	5		Planned	Planned Interruption Transformer Upgrade (15 to 50kVA for existing pump as it has been of
15907-A	Hakaru	Kajwaka CB1032	10/30/2024	09:03:00	10/30/2024	12:09:00	0.44390	0.00253	163	28572	Planned	Planned Interruption Installing New Switch 10184 on Pole 47137.Removing Fuses 422 on P
16012-A	Tangowahine	Dargaville CB8	10/30/2024	09:12:00	10/30/2024	15:06:00	0.20349	0.00057	37	13098	Planned	Planned Interruption Network Maintenance - HV ARM REPLACEMENTS FROM POLES 3786
7867-A	Ararua	Mareretu CB2	10/30/2024	10:23:00	10/30/2024	11:44:00	0.00881	0.00011	7	567	Unnlanned	Other Cause 387528Low lines - mid span pole to be installed
15859-A	Waipu	Ruakaka CB2	10/30/2024	10:33:22	10/30/2024	14:02:23	0.55205	0.00264	170	35533	Planned	Planned Interruption Replacing 11kv pole 10509 & Fuses 546 with new switch 10182.
15910-A	Hakaru	Kajwaka CB1032	10/31/2024	09:02:00	10/31/2024	12:22:00	0.39259	0.00221	142		Planned	Planned Interruption Removing Fuses 367 (pole 47073)Installing New Switch 10185 (pole 4
16015-A	North Dargaville	Dargaville CB1	10/31/2024	09:04:00	10/31/2024	13:14:00	0.04272	0.00017	11		Planned	Planned Interruption Clear trees around 11kv lines from pole #27079 to pole #27081
16246-A	Mains Ave	Tikipunga CB2	10/31/2024	09:06:00	10/31/2024	12:03:00	0.73973	0.00017	269		Planned	Planned Interruption Network Extension install new 11kV cable and transformer WC474
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	Planned Interruption Repair Leaking bushing tx RP377
-16156-A	Kaiwaka Town	Kaiwaka CB1062	10/31/2024	09:32:00	10/31/2024	11:30:00	0.01100	0.00009	137	708		Planned Interruption Replace like for like 30kVA TX - C351
7870-A	Tangaihi	Ruawai CB1032	10/31/2024	19:16:00	10/31/2024	19:34:00	0.00224	0.00009		708		Vegetation FP 387739 - Branch in line near pole 28473
873-A	Turiwiri	Dargaville CB9	10/31/2024	19:20:39	10/31/2024	19:35:30	0.00224	0.00012	500		Unplanned	Unknown FPIs on Sw 2152 ABC phase.
7876-A	Marsden Bay	Bream Bay CB1107	11/1/2024	01:04:00	11/1/2024	02:47:00	0.03999	0.00777	25		Unplanned	Wildlife F 4078452 / FP 387741 - FENZ call for pole on fire. Found possum on
876-A 16348-A	Paranui	Tikipunga CB6	11/1/2024	09:10:00	11/1/2024	11:35:00	0.03999	0.00039	25		Planned	Planned Interruption 15kVA to 50kVA upgrade
.6348-A 885-A	Paranui		11/1/2024	19:47:00	11/2/2024	01:55:00	0.00225	0.00002	1		Unnlanned	Defective Equipment Replace faulty tx
'885-A '888-A		Tikipunga CB6 Hikurangi CB1102	11/1/2024	19:47:00	11/2/2024	12:29:25	0.01143	0.00003	2		Unplanned Unplanned	
/888-A 16135-A	Jordan Valley			08:53:56 08:34:00					952			Defective Equipment FP387773Line down @ pole 35013 towards pole 324337, Also repla
16135-A '891-A	2nd Ave	Alexander St CB3	11/3/2024		11/3/2024	21:29:00	1.06178	0.00205	132		Planned	Planned Interruption Replace RMU with safelink. Outage on HV ended at 2129pm but cus
	Tangaihi	Ruawai CB1032	11/3/2024 11/4/2024	22:14:35	11/3/2024	23:41:24	0.17662	0.00203	131	11373		Defective Equipment 387781 / Isolate to repair HV binder on pole 28765.
					11/4/2024 11/4/2024	15:32:00			11		Planned	Planned Interruption Install links 10200, Pole changes & associated works
5400-A	Tangowahine	Dargaville CB8				13:18:00	0.18187	0.00076	49		Planned	Planned Interruption Network Maintenance - level transformers MC499 and MC500
5400-A 6189-A	Langs Beach	Mangawhai North CB3	11/4/2024	09:19:00							Plana	
5400-A 5189-A 5018-A	Langs Beach Tangaihi	Mangawhai North CB3 Ruawai CB1032	11/4/2024 11/4/2024	09:32:13	11/4/2024	14:27:55	0.28012	0.00095	61		Planned	Planned Interruption Clear trees around 11kv line from pole #19189 to pole #331282
5400-A 6189-A 6018-A 897-A	Langs Beach Tangaihi Waipu	Mangawhai North CB3 Ruawai CB1032 Ruakaka CB2	11/4/2024 11/4/2024 11/4/2024	09:32:13 20:27:00	11/4/2024 11/4/2024	14:27:55 23:05:00	0.29444	0.00186	120	18960	Unplanned	Planned Interruption Clear trees around 11kv line from pole #19189 to pole #331282 Defective Equipment FP 387820HV line down at pole 10525 (pole 10526 side)
.5400-A .6189-A .6018-A .897-A .6363-A	Langs Beach Tangaihi Waipu Swamp North	Mangawhai North CB3 Ruawai CB1032 Ruakaka CB2 Hikurangi CB1042	11/4/2024 11/4/2024 11/4/2024 11/5/2024	09:32:13 20:27:00 09:02:24	11/4/2024 11/4/2024 11/5/2024	14:27:55 23:05:00 11:11:51	0.29444 0.30155	0.00186 0.00233	120 150	18960 19418	Unplanned Planned	Planned Interruption Clear trees around 11kv line from pole #19189 to pole #331282 Defective Equipment FP 387820HV line down at pole 10525 (pole 10526 side) Planned Interruption Upgrade tx from 30kVA to 50kVA & Replace LAs
15400-A 16189-A 16018-A 897-A 16363-A 16192-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach	Mangawhai North C83 Ruawai C81032 Ruakaka C82 Hikurangi C81042 Mangawhai North C83	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024	09:32:13 20:27:00 09:02:24 09:25:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024	14:27:55 23:05:00 11:11:51 11:14:00	0.29444 0.30155 0.09818	0.00186 0.00233 0.00090	120 150 58	18960 19418 6322	Unplanned Planned Planned	Planned Interruption Clear trees around 11kv line from pole #19189 to pole #331282 Defective Equipment F9 387820HV line down at pole 10525 (pole 10525 dide) Planned Interruption Upgrade to from 30kV to 50kVA & Replace LAS Planned Interruption Network Maintenance - Level Transformer
15400-A 16189-A 16018-A 1897-A 16363-A 16192-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach Hokianga Rd	Mangawhai North C83 Ruswai (51032 Ruskaik G82 Hikurang (51042 Mangawhai North C83 Dargaville C87	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:26:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00	0.29444 0.30155 0.09818 0.27720	0.00186 0.00233 0.00090 0.00078	120 150	18960 19418 6322 17850	Unplanned Planned Planned Planned	Planned Interruption Clear trees around 11kv line from pole #19189 to pole #831282 Oefficities Equipment 9 A8202PN line from a pole #0525 (pole 10526 side) Planned Interruption Upgrade to from 30kVA to 50kVA & Replace LAs Planned Interruption Network Maintenance - Level Transformer Planned Interruption Oefficies (Planned Planned Interruption Network Maintenance - Level Transformer Planned Interruption Oefficies (Planned Planned P
15400-A 16189-A 16018-A 897-A 16363-A 16192-A 15937-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach Hokianga Rd Tangowahine	Mangawhai North C83 Ruswai (E1032 Ruslaka (S2) Hikurangi C81042 Mangawhai North C83 Dargaville C87 Dargaville C88	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/5/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:26:00 09:09:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 13:36:00	0.29444 0.30155 0.09818 0.27720 0.02902	0.00186 0.00233 0.00090 0.00078 0.00011	120 150 58	18960 19418 6322 17850 1869	Unplanned Planned Planned	Planned Interruption
5400-A 6189-A 6018-A 997-A 6363-A 6192-A 5937-A 5790-A 5403-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach Hokianga Rd	Mangawhai North C83 Ruswai (51032 Ruskaik G82 Hikurang (51042 Mangawhai North C83 Dargaville C87	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:26:00 09:09:00 09:15:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 13:36:00 14:25:00	0.29444 0.30155 0.09818 0.27720 0.02902 0.02407	0.00186 0.00233 0.00090 0.00078 0.00011 0.00008	120 150 58	18960 19418 6322 17850 1869	Unplanned Planned Planned Planned Planned Planned Planned	Planned Interruption Clear trees around 11kv line from pole #19189 to pole #331282 Defective Equipment F9 387820HV line down at pole b0525 (pole 10525 side) Planned Interruption
5400-A 6189-A 6018-A 897-A 6363-A 6192-A 5937-A 5593-A 5403-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach Hokianga Rd Tangowahine	Mangawhai North C83 Ruswai (E1032 Ruslaka (S2) Hikurangi C81042 Mangawhai North C83 Dargaville C87 Dargaville C88	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/5/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:26:00 09:09:00 09:15:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 13:36:00	0.29444 0.30155 0.09818 0.27720 0.02902 0.02407 0.41122	0.00186 0.00233 0.00090 0.00078 0.00011 0.00008 0.00124	120 150 58	18960 19418 6322 17850 1869	Unplanned Planned Planned Planned Planned	Planned Interruption
5400-A 6189-A 6018-A 897-A 6363-A 6192-A 5937-A 55790-A 5403-A 6138-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach Hokianga Rd Tangowahine Hokianga Rd	Mangawhai North C83 Ruuwui C81032 Rusakak C82 Hikurangi C81042 Mangawahi North C83 Dargaville C87 Dargaville C88 Dargaville C88	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:26:00 09:09:00 09:15:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 13:36:00 14:25:00	0.29444 0.30155 0.09818 0.27720 0.02902 0.02407	0.00186 0.00233 0.00090 0.00078 0.00011 0.00008	120 150 58 50 7	18960 19418 6322 17850 1869 1550 26480	Unplanned Planned Planned Planned Planned Planned Planned	Planned Interruption Clear trees around 11kv line from pole #19189 to pole #331282 Defective Equipment F3 387820HV line down at pole 10525 (pole 10525 dide) Planned Interruption
5400-A 6189-A 6018-A 897-A 6363-A 6192-A 5593-A 5790-A 5403-A 64138-A 66276-A	Langs Beach Tangaihi Waipu Waipu Swamp North Langs Beach Holdianga Rd Tangowahine Holkianga Rd North Kaiwaka	Mangawhai North C83 Ruswai (E1032 Ruskaika (B2) Hikurangi (E1042 Mangawhai North C83 Dargaville C87 Dargaville C88 Cargaville C87 Kaiwaka (E1022	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:26:00 09:09:00 09:15:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 13:36:00 14:25:00 14:34:00	0.29444 0.30155 0.09818 0.27720 0.02902 0.02407 0.41122	0.00186 0.00233 0.00090 0.00078 0.00011 0.00008 0.00124 0.00020 0.00028	120 150 58 50 7 5	18960 19418 6322 17850 1869 1550 26480 4108	Unplanned Planned Planned Planned Planned Planned Planned Planned	Planned Interruption Clear trees around LIAV line from pole #19188 to pole #331282 Defective Equipment FP 387820HV line down at pole 10525 (pole 10526 side) Planned Interruption Upgrade to from 30kVA to 50kVA & Replace LAs Planned Interruption Planned Interruption Planned Interruption Planned Interruption Planned Interruption Planned Interruption Removed DATO, Install DA140. Incorrect customers logged, due to Ts Planned Interruption Planned Interruption Removed DATO, Install DA140. Incorrect customers logged, due to Ts Planned Interruption Removed DATO, Install DA140. Incorrect customers logged, due to Ts Planned Interruption Removed DATO, Install DA140. Incorrect customers logged, due to Ts
5400-A 6189-A 6018-A 897-A 6363-A 6192-A 5937-A 5790-A 5403-A 6138-A 6276-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach Hokianga Rd Tangawaihine Hokianga Rd Kiripaka Rd Kiripaka Rd	Mangawhal North C83 Ruawai C81032 Ruakaia C82 Hikurangi C81042 Mangawhal North C83 Dargawille C87 Dargawille C87 Dargawille C87 Kalwaka C81022 Tilipunga C88	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024 11/7/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:26:00 09:09:00 09:15:00 09:05:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024 11/7/2024 11/7/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 13:36:00 14:25:00 14:34:00 14:21:00	0.29444 0.30155 0.09818 0.27720 0.02902 0.02407 0.41122 0.06380	0.00186 0.00233 0.00090 0.00078 0.00011 0.00008 0.00124 0.00020	120 150 58 50 7 5 80 13	18960 19418 6322 17850 1869 1550 26480 4108	Unplanned Planned Planned Planned Planned Planned Planned Planned Planned	Planned Interruption Removed DA70, Install DA140, Incorrect customers logged, due to Ta Planned Interruption Removed DA70, Install DA140 Incorrect Customers logged, due to Ta Planned Interruption Removed DA70, Install CA140, Incorrect Customers logged, due to Ta Planned Interruption Replacing Poles & Conductor from poles 403134-04320 & 40323.
5400-A 6189-A 6018-A 8997-A 6363-A 6192-A 55937-A 5790-A 5403-A 6138-A 6276-A 945-A 6261-A	Langs Beach Tangaihi Waipu Waipu Swamp North Langs Beach Hokianga Rd Tangowahine Hokianga Rd North Kaiwaka Kiripaka Rd Maungalaramea	Mangawhai North C83 Ruwai (51032 Rusiaka (B2) Hikurang (61042 Mangawhai North C83 Dargaville C87 Dargaville C87 Dargaville C88 Dargaville C87 Kalwaka (81022 Tilipunga C88 Mangatapere C83	11/4/2024 11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024 11/7/2024 11/7/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:09:00 09:15:00 09:09:00 09:15:00 09:05:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024 11/7/2024 11/7/2024 11/7/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 14:25:00 14:34:00 14:21:00 14:57:00	0.29444 0.30155 0.09818 0.27720 0.02902 0.02407 0.41122 0.06380 0.01454	0.00186 0.00233 0.00090 0.00078 0.00011 0.00008 0.00124 0.00020 0.00028	120 150 58 50 7 5 80 13	18960 19418 6322 17850 1869 1550 26480 4108	Unplanned Planned Planned Planned Planned Planned Planned Planned Planned Planned Unplanned	Planned Interruption Clear trees around 11kv line from pole #19180 to pole #311822 Defective Equipment FP 387820HV line down at pole 10525 (pole 10526 side) Planned Interruption Uggrade to from 30kWA & Beplace LAS Planned Interruption Planned Interruption Planned Interruption Planned Interruption Network Maintenance - Level Transformer Planned Interruption Network Maintenance - Pole & x-arm changes Planned Interruption Removed DA70, Install DA140. Incorrect customers logged, due to Tx Planned Interruption Planned Interruption Replace Box & Conductor from poles 40319-40320 & 40323. Defective Equipment 387949Jumper off insulator at pole 21823 Planned Interruption Planned Interruption Planned Interruption Planded Interruption Planded Interruption Replacing Poles & Conductor from poles 40319-40320 & 40323.
5400-A 6189-A 6018-A 897-A 6363-A 6192-A 5937-A 5790-A 5403-A 6138-A 6276-A 945-A 6285-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach Holdrags Rd Tangawhine Holdrags Rd Tangowahine Holdrags Rd Marugakaramea Matapouri	Mangawhai North C83 Ruswai (E31032 Ruskaika (B2) Hikurangi (E31042 Mangawhai North C83 Dargwille (B7) Dargwille (B8) Dargwille (B7) Kaiwaka (E31022 Tikipunga C88 Maungatapere C83 Ngunguru (E31032	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024 11/7/2024 11/7/2024 11/7/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:25:00 09:26:00 09:00:00 09:15:00 09:05:00 14:05:00 09:04:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/6/2024 11/7/2024 11/7/2024 11/7/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 13:36:00 14:25:00 14:34:00 14:21:00 14:57:00 11:17:00	0.29444 0.30155 0.09818 0.27720 0.02902 0.02407 0.41122 0.06380 0.01454 0.01446	0.00186 0.00233 0.00090 0.00078 0.00011 0.00008 0.00124 0.00020 0.00028 0.00011	120 150 58 50 7 5 80 13	18960 19418 6322 17850 1869 1550 26480 4108 936	Unplanned Planned	Planned Interruption Defective Equipment Passed Interruption Uggrade to from 300kWA to 50kWA & Replace LAs Planned Interruption Uggrade to from 30kWA to 50kWA & Replace LAs Planned Interruption Planned Interruption Planned Interruption Planned Interruption Planned Interruption Network Maintenance - Level Transformer Planned Interruption Planned Interruption Removed DA70, install DA140. Incorrect customers logged, due to Tx Planned Interruption Planned Interruption Planned Interruption Planned Interruption Planned Interruption Removed DA70, install DA140. Incorrect customers logged, due to Tx Planned Interruption Planned Interruptio
7092-0 15400-A 16189-A 16018-A 7897-A 16363-A 16192-A 15937-A 15937-A 15403-A 16138-A 16276-A 7945-A 16261-A 16285-A	Langs Beach Tangaihi Waipu Swamp North Langs Beach Hökinga Rd Tangowahine Hökinga Rd North Kaiwaka Kiripaka Rd Matapuri Springs Rd Matapuri Springs Rat	Mangawhai North C83 Ruuwii C81032 Rusaka C82 Hikurangi C81042 Mangawhai North C83 Dargaville C87 Dargaville C87 Dargaville C88 Dargaville C87 X kalwaka C81022 Tilipunga C88 Maungatapere C83 Ngunguru C81032 Kamo C61	11/4/2024 11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/7/2024 11/7/2024 11/7/2024 11/8/2024 11/8/2024	09:32:13 20:27:00 09:02:24 09:25:00 09:25:00 09:26:00 09:09:00 09:15:00 09:05:00 14:05:00 09:05:00	11/4/2024 11/4/2024 11/5/2024 11/5/2024 11/5/2024 11/5/2024 11/6/2024 11/7/2024 11/7/2024 11/7/2024 11/7/2024 11/7/2024	14:27:55 23:05:00 11:11:51 11:14:00 15:23:00 14:25:00 14:25:00 14:21:00 14:57:00 11:17:00 15:29:00	0.29444 0.30155 0.09818 0.27720 0.02902 0.02407 0.41122 0.06380 0.01454 0.01446	0.00186 0.00233 0.00090 0.00078 0.00011 0.00008 0.00124 0.00020 0.00028 0.00011 0.00016	120 150 58 50 7, 5 80 13 18 7, 10	18960 19418 6522 17850 1869 1550 26480 4108 9936 9931 3840 2244	Unplanned Planned Unplanned Planned Planned	Planned Interruption Offective Equipment Planned Interruption Offective Equipment Planned Interruption Offective Equipment Planned Interruption Offective Equipment Of

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption acta 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

16675-A 15058-A 4840-B 16390-A 16480-A 16417-A 16273-A 8023-A 8029-A 8347-A 8044-A 8053-A 8056-A	Jordan Valley Treatment Springs Flat Kalwaka Town Bickerstaff Okara Town Bickerstaff Okara Drive Access R8 Manden South Swamp North Ararus ToeToe R8 Tangowahine	Hikurangi (B1102 Kioreroa (B2 Kamo (B1 Calwala (B1052) Maungaturoto (B2 Whangareri South (B Ruawai (B1022) Bream Bay (B1111)	11/11/2024 11/11/2024 11/12/2024 11/12/2024 11/12/2024	10:43:00	11/11/2024 11/11/2024 11/12/2024	12:58:47 0.24138 11:07:52 0.08689 13:30:42 0.40237	0.00349	476 225	15543 Un 5595 Un	nplanned Third Party Inte	
16216-A 4738-B 97972-A 16675-A 15058-A 4840-B 16390-A 16417-A 167273-A 8023-A 8023-A 8033-A 8035-A	Kaiwaka Town Bickerstaff Okara Drive Access Rd Marsden South Swamp North Ararua ToeToe Rd	Kioreroa CB2 Kamo CB1 Kaiwaka CB1062 Maungaturoto CB2 Whangarel South CB Ruawai CB1022	11/11/2024 11/12/2024 11/12/2024 11/12/2024	10:43:00	11/11/2024				5595 Un	nplanned Third Party Inte	
4738-8 19792-A 16673-A 15058-A 8840-8 16390-A 16480-A 16417-A 16273-A 8023-A 8023-A 8027-A 8037-A 8044-A 8056-A	Kaiwaka Town Bickerstaff Okara Drive Access Rd Marsden South Swamp North Ararua ToeToe Rd	Kaiwaka CB1062 Maungaturoto CB2 Whangarei South CB Ruawai CB1022	11/12/2024 11/12/2024		11/12/2024	12-20-42 0.40227					
7972-A 16673-A 15058-A 4840-B 16390-A 16490-A 16417-A 16273-A 9023-A 9023-A 9024-A 9044-A 9053-A	Bickerstaff Okara Drive Access Rd Marsden South Swamp North Ararua ToeToe Rd	Maungaturoto CB2 Whangarei South CB Ruawai CB1022	11/12/2024	09:24:05		13.30.42 0.40237	0.00149	96	25910 Pla	anned Planned Interru	ption Network Maintenance - HV/LV ARM & HARDWARE REPLACEMENTS
16675-A 15058-A 4840-B 16390-A 16480-A 16417-A 16273-A 8023-A 8029-A 8347-A 8044-A 8053-A 8056-A	Okara Drive Access Rd Marsden South Swamp North Ararua ToeToe Rd	Whangarei South CB Ruawai CB1022			11/12/2024	13:35:04 1.62923	0.00649	418		anned Planned Interre	
15058-A 4840-B 16390-A 16480-A 16417-A 16273-A 8023-A 8029-A 8347-A 8044-A 8053-A 8055-A	Access Rd Marsden South Swamp North Ararua ToeToe Rd	Ruawai CB1022		17:50:38	11/12/2024	22:15:00 0.31452	0.01205	776		nplanned Defective Equip	
4840-B 16390-A 16480-A 16417-A 16273-A 8023-A 8029-A 8347-A 8044-A 8053-A 8055-A	Marsden South Swamp North Ararua ToeToe Rd				11/13/2024	03:23:00 0.76527	0.00424	273	49278 Un		
16390-A 16480-A 16417-A 16273-A 8023-A 8029-A 8347-A 8044-A 8053-A 8055-A	Swamp North Ararua ToeToe Rd	Bream Bay CB1111	11/13/2024	09:01:17	11/13/2024	14:08:00 0.56206	0.00183	118		anned Planned Interre	
16480-A 16417-A 16273-A 8023-A 8029-A 8347-A 8044-A 8053-A 8055-A	Ararua ToeToe Rd		11/13/2024	12:25:00	11/13/2024	16:10:00 0.00349	0.00002	1		anned Planned Interru	
16417-A 16273-A 8023-A 8029-A 8347-A 8044-A 8053-A 8056-A 4720-B	ToeToe Rd	Hikurangi CB1042	11/14/2024	09:06:00	11/14/2024	14:50:00 0.28314	0.00082	53	18232 Pla	anned Planned Interru	
16273-A 8023-A 8029-A 8347-A 8044-A 8053-A 8056-A 4720-B		Mareretu CB2	11/14/2024 11/15/2024	09:08:00	11/14/2024 11/15/2024	15:48:00 1.27343 13:32:00 0.15933	0.00318	205	82000 Pla 10260 Pla	anned Planned Interre	
8023-A 8029-A 8347-A 8044-A 8053-A 8056-A 4720-B	rangowanine	Kioreroa CB7	11/15/2024	09:02:00	11/15/2024	13:32:00 0.15933 11:32:08 0.06931	0.00059	38			
8029-A 8347-A 8044-A 8053-A 8056-A 4720-B		Dargaville CB8					0.00057	37		anned Planned Intern	
8347-A 8044-A 8053-A 8056-A 4720-B	Puwera	Maungatapere CB7	11/17/2024	08:02:00	11/17/2024	11:09:00 0.05165 17:14:00 0.34644	0.00059	38 133		nplanned Defective Equipolation Defective Equipolation	ment 388165 / Broken DDO at Tx X348 requiring replacement. All 3 replaced. Fault Trip B & C Phase. Found tree on lines at pole 53736 causing damage to two
8044-A 8053-A 8056-A 4720-B	Maungakaramea	Maungatapere CB3	11/17/2024	07:52:06	12/28/2024	17:14:00 0.34644 15:09:00 0.92967	0.00207	1454			
8053-A 8056-A 4720-B	Paranui Maungatapere - Dairy Factory	Tikipunga CB6 Maungatapere CB6	11/19/2024	09:17:39	11/19/2024	09:33:53 0.07232	0.01132	295	4657 Un	nplanned Defective Equip nplanned Unknown	Tripped O/C A&B phase - Unknown cause
8056-A 4720-B	Titoki	Poroti CR1032	11/19/2024	14:57:28	11/19/2024	15:00:49 0.01348	0.00438	259		nplanned Third Party Inte	
4720-B	Pataua	Parua Bay CB1	11/20/2024	03:12:00	11/20/2024	03:28:42 0.18056	0.00402	949	11627 Un		Trip Overcurrent A & B. Closed in BTN
	Springs Flat	Kamo CB1	11/20/2024	09:06:44	11/20/2024	14:26:43 0.97894	0.00306	197	63037 Pla	anned Planned Interru	
	Ararua	Mareretu CB2	11/20/2024		11/20/2024	16:17:00 0.56686	0.00157	101	36502 Pla		
8059-A	Kaiwaka Town	Kaiwaka CB1062	11/20/2024	11:49:41	11/20/2024	12:15:48 0.16954	0.00137	418		nplanned Unknown	F-8059-A. Int fault. FPIs indicating betwn Sw 332 & 333 - relocated. RCB returned
1780-B	Hakaru	Kaiwaka CB1032	11/21/2024	09:04:00	11/21/2024	12:10:00 0.00867	0.00005	3		anned Planned Interru	
15178-A	Turiwiri	Dargaville CB9	11/21/2024	09:26:58	11/21/2024	14:41:37 0.25410	0.00081	52	16362 Pla	anned Planned Interru	
717-B	ToeToe Rd	Kioreroa CB7	11/22/2024	09:04:00	11/22/2024	14:08:00 0.05665	0.00019	12	3648 Pla		
4735-B	Puwera	Maungatapere CB7	11/22/2024	09:04:00	11/22/2024	14:27:00 0.75432	0.00234	151	48573 Pla	anned Planned Interru	
4834-B	North River	Ruakaka CB7	11/22/2024	09:07:00	11/22/2024	14:59:00 0.15853	0.00045	29	10208 Pla	anned Planned Interru	
8098-A	Bickerstaff	Maungaturoto CB2	11/22/2024	13:51:00	11/22/2024	15:46:00 0.03572	0.00031	20	2300 Un	nplanned Defective Equip	
16207-A	Kaka St	Whangarei South CB	032 11/24/2024	08:31:00	11/24/2024	18:27:00 0.12958	0.00022	14	8344 Pla	anned Planned Interru	ption Replace Total Sub WC219 (RMU & Tx Unit)
4768-B	Brynderwyn	Maungaturoto CB1	11/24/2024	09:01:00	11/24/2024	11:46:00 0.10762	0.00065	42	6930 Pla	anned Planned Interru	ption Network Maintenance - REPLACE CONDUCTOR BETWEEN POLES 909852 TO POL
	Titoki	Poroti CB1032	11/24/2024	12:36:09	11/24/2024	14:02:00 0.00267	0.00003	2	172 Un	nplanned Wildlife	388363 / 3 x HV fuses blown due to possum. BTN
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 Pla		
110-A	Thelma Road	Mangawhai North Ci		10:14:25	11/25/2024	11:50:00 0.50168	0.01693	1090	32305 Un		
4816-B	Onoke	Kamo CB8	11/26/2024		11/26/2024	14:22:00 0.01975	0.00006	4	1272 Pla		
15760-A	Taipuha	Mareretu CB1	11/26/2024	09:05:00	11/26/2024	09:29:00 0.02162	0.00090	58	1392 Pla		i i
4831-B	Dunns Rd	Ruawai CB1082	11/26/2024	09:08:00	11/26/2024	12:21:00 0.11090	0.00057	37		anned Planned Interru	
15850-A	Titoki	Poroti CB1032	11/27/2024	09:02:00	11/27/2024	12:39:00 0.02022	0.00009	6	1302 Pla	anned Planned Interru	
4792-B	Ararua	Mareretu CB2	11/27/2024	09:04:00	11/27/2024	12:45:00 0.34664	0.00157	101		anned Planned Interru	
3116-A	Wairere	Mareretu CB5	11/28/2024	06:37:00	11/28/2024	13:31:00 0.72758	0.00705	454		nplanned Defective Equip	
	Maungakaramea	Maungatapere CB3	11/28/2024	09:08:00	11/28/2024	13:30:00 0.10436	0.00061	39		anned Planned Interru	
16141-A	Brynderwyn	Maungaturoto CB1	11/28/2024		11/28/2024	14:06:00 0.27282	0.00095	61	17568 Pla		
4771-B	Hakaru	Kaiwaka CB1032	11/29/2024	09:04:00	11/29/2024	14:25:00 0.23430	0.00073	47		anned Planned Interru	
4960-B	Mains Ave	Tikipunga CB2	11/29/2024	09:09:00	11/29/2024	15:14:00 0.37978	0.00104	67		anned Planned Interru	
4828-B	Mata	Ruakaka CB3	11/29/2024	09:12:00	11/29/2024	15:11:00 0.16725	0.00047	30	10770 Pla	anned Planned Interru	
4873-B	Rewa Rewa Rd	Whangarei South CB		12:30:00	11/29/2024	12:43:00 0.01009	0.00078	50 408		anned Planned Intern	ption Change tap on TX WO226
8128-A 4774-B	Kokopu	Poroti CB1022	11/30/2024	16:07:00	11/30/2024	21:37:00 0.62827 14:17:00 0.68073	0.00634	408 141		nplanned Defective Equip	
4774-B 4879-B	Puwera	Maungatapere CB7	12/2/2024	09:06:00	12/2/2024	14:17:00 0.68073 13:49:00 0.01732	0.00219	141	43851 Pla 1116 Pla	anned Planned Intern	
	Maungakaramea	Maungatapere CB3	12/2/2024		12/2/2024			4			
4714-B 16096-A	One Tree Point	Ruakaka CB6	12/2/2024	09:56:00	12/2/2024	14:22:00 0.00826	0.00003	2		anned Planned Intern	
16096-A 3140-A	MTON - MTO POS ToeToe Rd	Maungaturoto POS C Kioreroa CB7	31262 12/2/2024 12/2/2024	10:04:32	12/2/2024 12/2/2024	14:46:32 0.57347 11:03:23 0.10913	0.00203	131 613	36942 Pla 7030 Un	anned Planned Interru	ption -Replace crossarms 23177 and install permanant break -Installing access rd RMU Nil / Overcurrent B Phase. 15 Min Closed & BTN
3140-A 3143-A	ToeToe Rd One Tree Point	Ruakaka CB6	12/2/2024	10:48:00	12/2/2024	11:03:23 0.10913 15:34:00 0.00019	0.00952	613		nplanned Unknown nplanned Human Error	
3143-A 15472-A	One Tree Point Titoki	Ruakaka CB6 Poroti CB1032	12/2/2024	15:28:00	12/2/2024	15:34:00 0.00019 14:01:00 0.06476	0.00003	2		anned Human Error Planned Interro	Re Isolate to Upgrade fusing that was missed during installation on O-4714-B uption Replace HV arms and Refurbish Dsub TW128
15472-A 15445-A	Turiwiri	Dargaville CB9	12/3/2024	09:03:00	12/3/2024	14:01:00 0.06476	0.00022	40	12000 Pla	anned Planned Interri anned Planned Interri	
-15445-A -15427-A	Titoki	Poroti CR1032	12/3/2024	09:05:00	12/3/2024	14:05:00 0.18628 11:34:00 0.05705	0.00062	40	3675 Pla		
13427-A 4795-B	Puwera	Maungatapere CB7	12/4/2024	09:07:00	12/4/2024	12:58:00 0.05705	0.00039	141		anned Planned Intern	
.5550-A	Ararua	Mareretu CB2	12/4/2024	09:05:00	12/4/2024	13:15:00 0.00776	0.00219	2		anned Planned Intern	
1723-B	Charles St	Kamo CB2	12/4/2024	09:05:00	12/4/2024	15:37:00 0.46856	0.00120	77	30184 Pla	anned Planned Intern	
	Marsden South	Bream Bay CB1111	12/4/2024	16:50:17	12/4/2024	19:40:00 0.00264	0.00002	1		nplanned Unknown	388645 / Isolate to replace blown Fuse on Sw 5287. No Cause Found.
15094-A	Turiwiri	Dargaville CB9	12/5/2024	09:01:00	12/5/2024	14:19:48 0.46024	0.00144	93	29648 Pla		
4798-B	Whatatiri	Maungatapere CB8	12/5/2024	09:03:00	12/5/2024	10:07:00 0.09438	0.00147	95	6080 Pla		
4855-B	Marsden Pt	Ruakaka CB1	12/5/2024	09:09:00	12/5/2024	11:26:00 0.11059	0.00081	52	7124 Pla		
8152-A	Cartwright Rd	Onerahi CB6	12/5/2024	22:08:00	12/5/2024	23:30:00 0.74339	0.00907	584		nplanned Defective Equi	
4786-B	Hakaru	Kaiwaka CB1032	12/6/2024	09:00:37	12/6/2024	12:59:27 0.01483	0.00006	4	955 Pla	anned Planned Interru	
4882-B	Ararua	Mareretu CB2	12/6/2024	09:10:00	12/6/2024	14:36:00 0.06073	0.00019	12	3912 Pla	anned Planned Interru	
1852-B			12/6/2024	10:00:52	12/6/2024	11:49:26 0.22247	0.00205	132	14331 Pla	anned Planned Interru	ption CONNECT HV JUMPERS AT POLE 908713 TO LIVEN NEW HV CABLE TO MANGAW
155-A	North River	Ruakaka CB7	12/7/2024	21:08:31	12/8/2024	00:44:17 0.68057	0.02136	1376	43841 Un	nplanned Defective Equip	ment F 4104345 / FP 388713 - Lines clashed/twisted together. Cleared and relivened
158-A	King Road	Mangawhai North Ci	12/7/2024	21:38:04	12/8/2024	07:31:00 1.15690	0.01360	876	74525 Un		rference Car vs Pole - F 4104358 / FP 388714
993-B	Fert. Works	Kioreroa CB6	12/8/2024	12:01:00	12/8/2024	13:10:00 0.03535	0.00051	33	2277 Pla	anned Planned Interru	ption Replacing Switch 9045
801-B	Hakaru	Kaiwaka CB1032	12/9/2024	09:06:04	12/9/2024	12:23:10 0.01223	0.00006	4	788 Pla	anned Planned Interru	
3167-A	Bickerstaff	Maungaturoto CB2	12/9/2024	10:06:27	12/9/2024	10:24:17 0.20272	0.01206	777	13059 Un	nplanned Unknown	No FPIs available. Closed after 15min
3173-A	Jordan Valley	Hikurangi CB1102	12/10/2024	07:40:00	12/10/2024	12:44:45 0.20758	0.00740	477	13372 Un	nplanned Wildlife	388765/ HV Lines Down at poles 35013 & 35016 caused by ducks
16195-A			12/10/2024	09:04:00	12/10/2024	14:55:00 0.11987	0.00034	22		anned Planned Interru	
4891-B	Tangaihi	Ruawai CB1032	12/10/2024	09:32:00	12/10/2024	13:19:00 0.02114	0.00009	6		anned Planned Interru	ption Cut vegetation from 3092 to EOL
133-B	Te Kopuru	Dargaville CB2	12/10/2024	15:13:00	12/10/2024	16:23:00 0.07281	0.00104	67	4690 Un		
4804-B	Ararua	Mareretu CB2	12/11/2024	09:09:00	12/11/2024	14:04:00 0.46253	0.00157	101	29795 Pla		
15487-A	North River	Ruakaka CB7	12/11/2024	09:28:00	12/11/2024	13:09:00 0.09263	0.00042	27	5967 Pla		
16450-A	Parua Bay Hakaru	Parua Bay CB2 Kaiwaka CB1032	12/11/2024 12/12/2024	10:03:00	12/11/2024 12/12/2024	11:43:00 0.00155 12:04:44 0.01141	0.00002	1	100 Pla 735 Pla	anned Planned Interre	ption Transformer Upgrade uption conductor replacement

Company Name	Northpower
For Year Ended	31 March 2025

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption fata for the disclosure year. SAIDI and SAIFI is to be recorded using the multi-count approach. Where multiple feeders are affected, the interruption record je to be split into multiple 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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nedule requires raw	w interruption data for the disclosure year. S	SAIDI and SAIFI is to be recorded using the multi-count approach.Where	e multiple leeders are affected, t	ne interruption record is to b	e spiit into multiple interrup	cions, re, one interr	uption record	per reeder. This	information is part of addited di	sciosure miormation (as defined in section 1.4 of this ib deter	nination), and so is subject to	the assurance report required by section 2.6.
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 #908963 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	Paranui	Tikipunga CB6	12/12/2024	22:22:00	12/12/2024	23:07:00	0.00349		5	225 Unplanned	Unknown	388852 / 2 x HV fuses blown causing flames on HV fuses. No obvious cause fo
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 KK169 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	Liven cable SW10167 to pole 312410Liven new Tx K476-LS ** Phase out in cor
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. Deterior
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	
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
F-8239-A	Maunu 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 O-5050-B	Hakaru North River	Kaiwaka CB1032 Ruakaka CB7	12/16/2024 12/16/2024	09:02:15 10:05:25	12/16/2024 12/16/2024	13:57:12 12:22:07	0.01832	0.00006	4	1180 Planned 9159 Planned	Planned Interruption	Replace 11kV conductor between poles 327439 and 45976 (These poles are b
O-5050-B F-8254-A	North River ToeToe Rd	Ruakaka CB7 Kioreroa CB7	12/16/2024	10:05:25	12/16/2024	20:05:00	0.14218	0.00104	67 704	9159 Planned 37112 Unplanned	Planned Interruption	Replace Pole 40898 FP 388941 unknown fault betwn Sw 4385 & 929. Left switching abnormal (Sw
0-5026-B	Ararua	Mareretu CB2	12/17/2024	09:02:00	12/17/2024	11:36:00	0.73632		308	47432 Planned	Defective Equipment	Upgrading SW2132 to automated switch
0-3026-B	Taipuha	Mareretu CB1	12/17/2024	09:05:00	12/17/2024	11:59:00	0.73632	0.00478	17	2958 Planned		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		Replace pole 23782 with B11m type
F-8260-A	Langs 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		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 previoulsy NAR 6153)Replace link
F-8275-A	Tangaihi	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 p
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	a 389000 / A & B Phase OC. Large Drone Vs Lines Craig Road causing line down
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	Langs 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. Fau
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
O-5122-B F-8302-A	Treatment	Kioreroa CB2	12/23/2024	10:40:00 15:41:00	12/23/2024	10:50:00	0.01180	0.00118	76 26	760 Planned	Planned Interruption	Tx WC463 tap change. Late start due to scheduling issue.
F-8302-A F-8308-A	Pataua	Parua Bay CB1	12/25/2024 12/27/2024	15:41:00	12/25/2024 12/27/2024	20:35:00 11:12:00	0.05601	0.00040	82	7644 Unplanned 3608 Unplanned	Defective Equipment Defective Equipment	FP 389080 - UG HV fault between L9060 & WO199. Generated overnight FP 389091 - Replace faulty DDOs
F-8311-A	Mata	Ruakaka CB3	12/27/2024	12:22:19	12/27/2024	12:37:39	0.05601	0.00127	449	4230 Unplanned	Adverse Weather	FPIS Sw 503 AB ph, OC B ph @ RKA sub. Windy conditions.
F-8314-A	Rickerstaff	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	Kaiatea	Ngunguru CB1072	12/27/2024	13:49:01	12/27/2024	18:54:00	1.07338		1364	69145 Unplanned	Adverse Weather	FP 389122 - AC FPIs sw 720, light patrol. Field staff advised lines swinging hea
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	5.02417	0.03730	2403	323647 Unplanned	Defective Equipment	389104 - replaceed 2 xampacts at pole 337557
F-8332-A	Whakapara	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 line
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	Kaiatea	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 Relivened - further
F-8377-A	MTON - MTO POS	Maungaturoto POS CB1262	1/3/2025	14:46:34	1/3/2025	16:22:48	6.09720	0.07386	4760	392931 Unplanned	Lightning	389184 / Isolate 33kV to replace blown insulator on pole 17708. Most probab
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		<u> </u>	1/7/2025	09:14:26	1/7/2025	13:45:06	0.17640	0.00065	42	11368 Planned	Planned Interruption	
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 O-5092-B	Kokopu North River	Poroti CB1022 Ruakaka CB7	1/8/2025	09:04:00 09:05:00	1/8/2025	13:54:00	0.19800	0.00068	44 113	12760 Planned	Planned Interruption	Replace various crossarms and pole 12793
O-5092-B O-5191-B	North River Turiwiri		1/8/2025	10:45:00	1/8/2025	14:10:00 11:37:00	0.53480	0.00175	113	208 Planned	Planned Interruption Planned Interruption	Install new transformer RB336, poles and aerial conductor Drop redundant lines away from pole #21880 remove Tx J210 & J241 from se
O-5191-B F-8434-A	Jordan Valley	Dargaville CB9 Hikurangi CB1102	1/8/2025	16:38:00	1/8/2025	22:27:00	0.00323	0.00006	1265	208 Planned 29598 Unplanned	Defective Equipment	Drop redundant lines away from pole #21880 remove 1x J210 & J241 from se 389312/Broken Line down from Ampac connection pole 35863.
0-5104-B	Otangarei	Tikipunga CB7	1/9/2025	09:03:00	1/9/2025	12:16:00	0.45928	0.01963	99	19107 Planned	Planned Interruption	
0-5104-B 0-5101-B	Otangarei Titoki	Poroti CB1032	1/9/2025	09:03:00	1/9/2025	14:28:28	0.63012	0.00154	130	40608 Planned	Planned Interruption	Tree clearing work
O-5215-B	Whatatiri	Maungatapere CB8	1/9/2025	09:23:14	1/9/2025	14:24:48	0.47262	0.00202	101	30458 Planned	Planned Interruption	Replant and straighten various poles
O-5089-B	Jordan Valley	Hikurangi CB1102	1/9/2025	09:34:00	1/9/2025	12:41:00	0.05803	0.00031	20	3740 Planned	Planned Interruption	TX structure upgrade
F-8443-A	Taipuha	Mareretu CB1	1/9/2025	20:16:00	1/10/2025	14:11:00	0.01668	0.00002	1	1075 Unplanned	Defective Equipment	FP 389357 - Isolate Tx X387, cable to be repaired. 1 unused water pump
O-5164-B	Kiripaka Rd	Tikipunga CB8	1/10/2025	09:04:00	1/10/2025	14:13:00	0.12946	0.00042	27	8343 Planned	Planned Interruption	Switch 704 decommissioned, switch 10170 being installed
O-5110-B	Mata	Ruakaka CB3	1/10/2025	09:33:00	1/10/2025	11:27:00	0.00708	0.00006	4	456 Planned	Planned Interruption	Bolt down transformer RO269
	Kaiwaka South	Kaiwaka CB1072	1/11/2025	11:10:07	1/11/2025	11:25:39	0.12366	0.00796	513	7969 Unplanned	Unknown	BC ph FPIs @ Sw 320. Sw 320 tele control faulty. Reclosed after 15.
F-8449-A		Mangawhai Central	1/13/2025	00:57:00	1/13/2025	01:13:14	0.12507	0.01361	877	8060 Unplanned	Unknown	A, B, C phase beyond Sw 4270
F-8449-A F-8455-A	Commercial	140101	1/13/2025	09:05:00	1/13/2025	14:43:00	0.30944	0.00092	59	19942 Planned	Planned Interruption	Link Pillar replacement - HV isolated to access LV
	Commercial Rewa Rewa Rd	Whangarei South CB1082		09:15:16	1/13/2025	13:17:19	0.61597	0.00254	164	39696 Planned	Planned Interruption	Replace pole to increase ground clearance, replace crossarms and redo conne
F-8455-A O-5116-B O-5206-B		Poroti CB1022	1/13/2025				0.06896	0.00034	22	4444 Planned	Planned Interruption	
F-8455-A O-5116-B O-5206-B O-5218-B	Rewa Rewa Rd Kokopu Langs Beach	Poroti CB1022 Mangawhai North CB3	1/13/2025 1/13/2025	10:07:00	1/13/2025	13:29:00			LL.		Planned interruption	New TX RR354 added to network
F-8455-A O-5116-B O-5206-B O-5218-B F-8461-A	Rewa Rewa Rd Kokopu	Poroti CB1022	1/13/2025		1/13/2025 1/13/2025	13:29:00 13:14:00	0.06896	0.00293	189	17602 Unplanned	Defective Equipment	Lines down - FP389430
F-8455-A O-5116-B O-5206-B O-5218-B F-8461-A O-5221-B	Rewa Rewa Rd Kokopu Langs Beach Titoki North Dargaville	Poroti CB1022 Mangawhai North CB3 Poroti CB1032 Dargaville CB1	1/13/2025 1/13/2025 1/13/2025 1/13/2025	10:07:00 10:48:06 10:55:00	1/13/2025 1/13/2025	13:14:00 12:42:00	0.27313 0.07638	0.00293 0.00071	189 46	17602 Unplanned 4922 Planned		Lines down - FP389430 Replace 3138KL with NGK 630A type
F-8455-A O-5116-B O-5206-B O-5218-B F-8461-A O-5221-B F-8467-A	Rewa Rewa Rd Kokopu Langs Beach Titoki North Dargaville Tangaihi	Poroti CB1022 Mangawhai North CB3 Poroti CB1032 Dargaville CB1 Ruawai CB1032	1/13/2025 1/13/2025 1/13/2025 1/13/2025 1/13/2025	10:07:00 10:48:06 10:55:00 15:02:00	1/13/2025 1/13/2025 1/13/2025	13:14:00 12:42:00 15:15:00	0.27313 0.07638 0.00121	0.00293 0.00071 0.00009	189 46 6	17602 Unplanned 4922 Planned 78 Unplanned	Defective Equipment Planned Interruption Vegetation	Lines down - FP389430 Replace 3138KL with NGK 630A type FP 389439 - tree branch in OH lines
F-8455-A O-5116-B O-5206-B O-5218-B F-8461-A O-5221-B F-8467-A O-15898-A	Rewa Rewa Rd Kokopu Langs Beach Titoki North Dargaville Tangalhi Taipuha	Poroti CBI022 Mangawhai North CB3 Poroti CBI032 Dargawile CB1 Ruswal CB1032 Mareretu CB1	1/13/2025 1/13/2025 1/13/2025 1/13/2025 1/13/2025 1/14/2025	10:07:00 10:48:06 10:55:00 15:02:00 09:04:00	1/13/2025 1/13/2025 1/13/2025 1/14/2025	13:14:00 12:42:00 15:15:00 12:26:00	0.27313 0.07638 0.00121 0.02498	0.00293 0.00071 0.00009 0.00012	46 6 8	17602 Unplanned 4922 Planned 78 Unplanned 1610 Planned	Defective Equipment Planned Interruption Vegetation Planned Interruption	Lines down - FP389430 Replace 3138KL with NGK 630A type FP 389439 - Tree branch in OH lines Replace pole 34567 and replace cross arms at various poles
F-8455-A O-5116-B O-5206-B O-5218-B F-8461-A O-5221-B F-8467-A O-15898-A O-5119-B	Rewa Rewa Rd Kokopu Langs Beach Titoki North Dargaville Tangalhi Talpuha Ararua	Poroti CB1022 Mangawhai North CB3 Poroti CB1032 Dargaville CB1 Ruswai CB1032 Mareretu CB1 Mareretu CB2	1/13/2025 1/13/2025 1/13/2025 1/13/2025 1/13/2025 1/13/2025 1/14/2025	10:07:00 10:48:06 10:55:00 15:02:00 09:04:00 09:05:00	1/13/2025 1/13/2025 1/13/2025 1/14/2025 1/14/2025	13:14:00 12:42:00 15:15:00 12:26:00 14:47:00	0.27313 0.07638 0.00121 0.02498 0.57314	0.00293 0.00071 0.00009 0.00012 0.00168	189 46 6 8 108	17602 Unplanned 4922 Planned 78 Unplanned 1610 Planned 36936 Planned	Defective Equipment Planned Interruption Vegetation Planned Interruption Planned Interruption	Lines down - FP389430 Replace 3138KL with NGK 630A type FP 389439 - tree branch in OH lines Replace pole 34567 and replace cross arms at various poles Upgrade TX E208 and replace 2 x poles
F-8455-A O-5116-B O-5206-B O-5218-B F-8461-A O-5221-B F-8467-A O-15898-A	Rewa Rewa Rd Kokopu Langs Beach Titoki North Dargaville Tangalhi Taipuha	Poroti CBI022 Mangawhai North CB3 Poroti CBI032 Dargawile CB1 Ruswal CB1032 Mareretu CB1	1/13/2025 1/13/2025 1/13/2025 1/13/2025 1/13/2025 1/14/2025	10:07:00 10:48:06 10:55:00 15:02:00 09:04:00	1/13/2025 1/13/2025 1/13/2025 1/14/2025	13:14:00 12:42:00 15:15:00 12:26:00	0.27313 0.07638 0.00121 0.02498	0.00293 0.00071 0.00009 0.00012	46 6 8	17602 Unplanned 4922 Planned 78 Unplanned 1610 Planned	Defective Equipment Planned Interruption Vegetation Planned Interruption Planned Interruption Planned Interruption	Lines down - FP389430 Replace 3138KL with NGK 630A type FP 389439 - Tree branch in OH lines Replace pole 34567 and replace cross arms at various poles

Company Name	Northpower
For Year Ended	31 March 2025

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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O-15127-A	Turiwiri	Dargaville CB9	1/15/2025	09:03:00	1/15/2025	14:25:00	0.09493	0.00029	19	6118	Planned	Planned Interruption Reg	place HV and LV cross arms
O-5203-B	Thelma Road	Mangawhai North CB4	1/15/2025	09:06:00	1/15/2025	11:07:00	0.02629	0.00023	14	1694	Planned		F MC288 being replaced
O-5128-B			1/15/2025	09:23:00	1/15/2025	14:34:00	0.35078	0.00115	74		Planned		ated for LV repair works
-8479-A	Ruatangata	Kamo CB6	1/15/2025	11:15:00	1/15/2025	13:28:00	0.00413	0.00003	2	266	Unplanned	Defective Equipment 389	9484Broken DOFs to be replaced
-8488-A	Ararua	Mareretu CB2	1/16/2025	08:12:11	1/16/2025	17:51:00	1.14679	0.02635	1698	73904	Unplanned	Third Party Interference Agr	ricultural Drone in lines. Crossarm broken, pole cracked. FP 389517
-15928-A	Taipuha	Mareretu CB1	1/16/2025	09:03:17	1/16/2025	12:57:14	0.31947	0.00137	88	20588	Planned	Planned Interruption Rep	place cross arms
-5155-B	Ararua	Mareretu CB2	1/16/2025	09:10:00	1/16/2025	12:40:00	0.66802	0.00318	205		Planned	Planned Interruption Rep	place conductor between poles 911547 and 406935
1-16267-A	Paranui	Tikipunga CB6	1/16/2025	09:11:00	1/16/2025	11:34:00	0.01331	0.00009	6		Planned		el D-sub KT360
I-5224-B	Whatatiri	Maungatapere CB8	1/16/2025	09:32:00	1/16/2025	14:24:00	0.43045	0.00147	95	27740			e clearing work
I-5230-B	Matapouri	Ngunguru CB1032	1/16/2025	10:10:00	1/16/2025	12:29:00	0.00647	0.00005	3	417			el TX NT201
-8497-A	North Dargaville	Dargaville CB1	1/16/2025	20:31:31	1/17/2025	12:21:00	0.79319	0.02101	1354	51117		Defective Equipment 389	542Lines down reported at 119 Waikara Road
-5140-B	Turiwiri	Dargaville CB9	1/17/2025	09:06:00	1/17/2025	15:08:00	0.13460	0.00037	24		Planned		ssarms replacement
-5407-B	Otonga	Hikurangi CB1032	1/17/2025	09:31:00	1/17/2025	13:33:00	0.34304	0.00160	103		Planned		place damaged HV cable riser on pole #302523 and re configure cro
8512-A	Coast	Dargaville CB6	1/19/2025	10:43:00	1/19/2025	10:58:24	0.04230	0.00275	177		Unplanned		/ Trip A & B Phase. 15 Min Close & BTN
8515-A	Kiripaka Rd	Tikipunga CB8	1/19/2025	13:05:22	1/19/2025	14:06:00	0.00282	0.00005	3	182			0575 / 2 x HV fuses blown wth no obvious cause. All BTN
8521-A	Tutukaka Block	Ngunguru CB1082	1/19/2025	22:53:00	1/20/2025	03:19:25	1.52769	0.01029	663		Unplanned		389582Blown LA at fuses NP181
8524-A	Coast	Dargaville CB6	1/20/2025	01:16:00	1/20/2025	02:04:00	0.03724	0.00078	50	2400			0580Trees blowing in the HV - started fire
8527-A	Titoki	Poroti CB1032	1/21/2025	03:09:00	1/21/2025	10:24:00	0.38337	0.01196	771	24706	Unplanned		389629 - Replace faulty tx
8533-A	North River	Ruakaka CB7	1/21/2025	03:47:00	1/21/2025	11:37:00	0.89795	0.00763	492		Unplanned	10	0632Trees in lines at RB120
8536-A	Tamaterau	Onerahi CB7	1/21/2025	04:55:53	1/21/2025	04:57:49	0.01687	0.00872	562		Unplanned		B O/C - Trip and close.
3539-A	Kokopu	Poroti CB1022	1/21/2025	05:01:51 06:15:33	1/21/2025	11:16:53 06:30:58	1.26329 0.13908	0.01100	709		Unplanned		389637 - Repair lines down @ pole 315224
8542-A 8545-A	Whatatiri	Maungatapere CB8 Hikurangi CB1112	1/21/2025 1/21/2025	06:15:33 07:21:52	1/21/2025	06:30:58 07:54:25	0.13908	0.00954	615 1093	8963 25735	Unplanned		olt is beyond SW 843 - closed after 15 min
8545-A 8548-A	Whakapara Paranui		1/21/2025	07:21:52	1/21/2025	07:54:25	0.39934	0.01696	733	25735 782	Unplanned Unplanned		p and close >15. FPIs Sw 663 ABC pped & Closed
548-A 5233-R	Paranui Rickerstaff	Tikipunga CB6	1/21/2025	09:04:45	1/21/2025	13:15:00	0.01213	0.01137	/33		Unplanned Planned		oped & Closed se RMII
5233-B 5143-B	Whatatiri	Maungaturoto CB2 Maungatapere CB8	1/21/2025	10:35:38	1/23/2025	13:15:00	0.73085	0.00000	196	-	Planned		zrade switch 849 to automated switch
5143-B 8554-A	Paparoa	Mareretu CB6	1/21/2025	11:02:27	1/21/2025	16:30:00	0.73085	0.00304	592		Unplanned		grade switch 849 to automated switch 389669 - LV lines down from tree
8554-A 8557-A	Puwera		1/21/2025	11:02:27	1/21/2025	17:17:00	0.38039	0.00919	270		Unplanned	10	9674Lines down near TX X353
8569-A	Tainuha	Maungatapere CB7 Mareretu CB1	1/21/2025	14:27:38	1/21/2025	17:17:00	0.32901	0.00419	87	5262			1685HV lines down at note 34207
5260-B	North River	Ruakaka CB7	1/22/2025	07:02:00	1/22/2025	14:06:00	0.74450	0.00155	427		Planned		tall new OH switch to replace links 542
5158-B	Tangowahine	Dargaville CB8	1/22/2025	09:05:00	1/22/2025	15:27:00	0.06520	0.00017	11	4202			place poles and 11kV conductor
16222-A	Titoki	Poroti CB1032	1/22/2025	09:06:00	1/22/2025	15:12:00	0.60405	0.00171	110	38928			place cross arms, Connections and HV links 792
5251-B	Marsden Pt	Ruakaka CB1	1/22/2025	09:22:00	1/22/2025	11:43:00	0.11377	0.00081	52		Planned		place Voltage indicators
5227-B	Langs Beach	Mangawhai North CB3	1/22/2025	09:37:00	1/22/2025	12:19:00	0.06284	0.00039	25		Planned		tall new TX RR356
5302-B	Paparoa	Mareretu CB6	1/23/2025	09:06:58	1/23/2025	14:36:37	0.87395	0.00267	172		Planned		place HV poles and cross armsRefurbish Dsubs A150 and A131 and r
5416-B	North Dargaville	Dargaville CB1	1/23/2025	09:19:00	1/23/2025	11:52:00	0.01899	0.00012	8	1224			nove 11KV line From Pole 27184 to Pole 27191 including TX M516
5275-B			1/24/2025	09:01:00	1/24/2025	13:51:22	1.24357	0.00428	276		Planned		olacing pole and cross arms, 10294,52339,10317
-5209-B	Langs Beach	Mangawhai North CB3	1/24/2025	09:04:00	1/24/2025	14:32:00	0.07634	0.00023	15	4920			place transformer RR221 with a 300kva with existing label RR221
-5287-B			1/24/2025	09:18:00	1/24/2025	14:13:00	0.49438	0.00168	108	31860	Planned	Planned Interruption Imp	provements in Supply Quality - Replace Pole 48701 and Pole 48513.
8599-A	Matapouri	Ngunguru CB1032	1/24/2025	09:31:21	1/24/2025	11:26:00	0.36850	0.01231	793	23748	Unplanned		9807Tree felled into line
-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 389	9815 Generator connected to Tx NT131 @1730hrsReplaced 3x HV fo
8614-A	Matapouri	Ngunguru CB1032	1/26/2025	02:19:26	1/26/2025	02:34:30	0.10583	0.01229	792		Unplanned		pected lightning strike
8617-A	Langs Beach	Mangawhai North CB3	1/26/2025	02:50:00	1/26/2025	10:29:00	5.19486	0.01243	801	334780	Unplanned	Adverse Weather 389	850 Feeder tripped during weather event, TORNADO Ref: F-8623-a
8623-A	KAI - MWI 33kV	Kaiwaka CB52	1/26/2025	02:55:31	1/28/2025	16:16:00	25.05585	0.06320	4073	1614712	Unplanned		9845 / Tornado Damages Mangawhai Ref: F-8623-a
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, n
8629-A	Tangaihi	Ruawai CB1032	1/26/2025	08:23:00	1/26/2025	11:54:00	0.13877	0.00144	93	8943	Unplanned	Lightning 389	9844DOFs damaged requiring replacement
8632-A	One Tree Point	Ruakaka CB6	1/26/2025	09:12:00	1/26/2025	09:13:01	0.00664	0.00653	421	428	Unplanned		nin close
8641-A	Bickerstaff	Maungaturoto CB2	1/26/2025	14:07:45	1/26/2025	17:48:36	0.59645	0.00947	610		Unplanned		9852Blown jumper at pole 23693
3644-A	Tangowahine	Dargaville CB8	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. FPIs at Sw 2037 activated. Closed & BTN
8647-A	Bickerstaff	Maungaturoto CB2	1/27/2025	18:54:00	1/27/2025	19:08:30	0.17505	0.01207	778	11281	Unplanned	Unknown OC	
8650-A	North Kaiwaka	Kaiwaka CB1022	1/27/2025	21:44:00	1/27/2025	21:56:30							
3656-A	One Tree Point	Ruakaka CB6					0.04228	0.00338	218	2725	Unplanned	Unknown O/0	
5437-B	Maunu Mountain		1/28/2025	07:11:00	1/28/2025	07:12:21	0.00881	0.00653	421	568	Unplanned	Unknown Trip	D B & C Overcurrent. BTN
	Iviauriu iviouritairi	Maungatapere CB1	1/28/2025	09:01:22	1/28/2025	07:12:21 10:25:44	0.00881 0.06545	0.00653 0.00078	421 50	568 4218	Unplanned Planned	Unknown Trip Planned Interruption Rer	nove Links 8842KL and replace with jumpers
			1/28/2025 1/28/2025	09:01:22 09:08:00	1/28/2025 1/28/2025	07:12:21 10:25:44 14:15:00	0.00881 0.06545 0.06193	0.00653 0.00078 0.00020	421 50 13	568 4218 3991	Unplanned Planned Planned	Unknown Trip Planned Interruption Rer Planned Interruption Rep	nove Links 8842KL and replace with jumpers place x-arms at poles 33629 and 33630 & LV Xarms from B212
5308-B	Jordan Valley	Hikurangi CB1102	1/28/2025 1/28/2025 1/28/2025	09:01:22 09:08:00 09:39:00	1/28/2025 1/28/2025 1/28/2025	07:12:21 10:25:44 14:15:00 14:51:00	0.00881 0.06545 0.06193 0.19850	0.00653 0.00078 0.00020 0.00064	421 50	568 4218 3991 12792	Unplanned Planned Planned Planned	Unknown Trig Planned Interruption Rer Planned Interruption Rep Planned Interruption HV	nove Links 8842KL and replace with jumpers place x-arms at poles 33629 and 33630 & LV Xarms from B212 Isolation for safety Replacing LV conductor from KR201
5308-B 5401-B	Jordan Valley Taipuha	Hikurangi CB1102 Mareretu CB1	1/28/2025 1/28/2025 1/28/2025 1/28/2025	09:01:22 09:08:00 09:39:00 09:52:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00	0.00881 0.06545 0.06193 0.19850 0.02545	0.00653 0.00078 0.00020 0.00064 0.00012	421 50 13 41 8	568 4218 3991 12792 1640	Unplanned Planned Planned Planned Planned Planned	Unknown Trij Planned Interruption Rer Planned Interruption Rep Planned Interruption HV Planned Interruption LV	nove Links 8842KL and replace with jumpers lace x-arms at poles 33629 and 33630 & LV Xarms from 8212 solation for safety Replacing LV conductor from KR201 pole and crossarm replacement
5308-B 5401-B 665-A	Jordan Valley Taipuha Whakapara	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696	421 50 13 41 8 1093	568 4218 3991 12792 1640 12432	Unplanned Planned Planned Planned Planned Planned Unplanned Unplanned	Unknown Trij Planned Interruption Rer Planned Interruption Rep Planned Interruption Rev Planned Interruption Lt/ Unknown Fau	nove Links 8842KL and replace with jumpers Jalee x-arms at poles 338793 and 33630 & LV Xarms from B212 Isolation for safety Replacing LV conductor from KR201 pole and crossarm replacement It beyond SW663, closed after 15min, held
5308-B 5401-B 665-A 5425-B	Jordan Valley Taipuha Whakapara Maungatapere - Dairy Factory	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Maungatapere CB6	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55 11:30:30	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160	421 50 13 41 8 1093 103	568 4218 3991 12792 1640 12432 6553	Unplanned Planned Planned Planned Planned Planned	Unknown Trij Planned Interruption Rer Planned Interruption Hy Planned Interruption Hy Planned Interruption UV Unknown Fau Planned Interruption Rer	nove Links 8842KL and replace with jumpers place x-arms at poles 33629 and 33630 & LV Xarms from 8212 sloation for safety Replacing LV conductor from KR201 pole and crossarm replacement it beyond SW663, closed after 15min, held nove links 888LKL
5308-B 5401-B 8665-A 5425-B 8668-A	Jordan Valley Taipuha Whakapara Maungatapere - Dairy Factory Te Kopuru	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Maungatapere CB6 Dargaville CB2	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55 11:30:30 06:24:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471	421 50 13 41 8 1093 103 948	568 4218 3991 12792 1640 12432 6553 8900	Unplanned Planned Planned Planned Planned Unplanned Planned Unplanned Unplanned	Unknown Trij Planned Interruption Rer Planned interruption Rer Planned interruption HV Planned Interruption LV Unknown Fau Planned interruption Rer Unknown B p	nove Links 8842KL and replace with jumpers Jace x-arms at poles 33629 and 33630 & LV Xarms from 8212 Isolation for safety Replacing LV conductor from KR201 pole and crossarm replacement It beyond SW663, closed after 15min, held more links 8881KL h & N Fault- Close >15min
5308-B 5401-B 8665-A 5425-B 8668-A 5392-B	Jordan Valley Talpuha Whakapara Maungatapere - Dairy Factory Te Kopuru North River	Hikurangi CB1102 Mareretu CB1 Mikurangi CB1112 Maungatapere CB6 Dargaville CB2 Ruakaka CB7	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55 11:30:30 06:24:00 09:00:26	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025	07:12:21 10:25:44 14:15:00 14:51:00 11:07:11 12:34:07 06:39:54 12:41:03	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357	421 50 13 41 8 1093 103 948 230	568 4218 3991 12792 1640 12432 6553 8900 50742	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Planned Unplanned Planned Planned	Unknown Trij Planned Interruption Rer Planned Interruption Rer Planned Interruption HV Planned Interruption UV Unknown Fas Planned Interruption Rer Unknown Bp Planned Interruption Rer	nove Links 8842KL and replace with jumpers Jakee x-arms at poles 33629 and 33630 & LV Xarms from 8212 Isolation for safety Replacing LV conductor from KR201 pole and crossarm replacement It beyond SW663, closed after 15min, held nove links 8881KL 8. & N fault - Close - 15min Jakee 11kV pole and cross arms, replace one span of 11KV conducts
5308-B 5401-B 665-A 5425-B 668-A 5392-B 5329-B	Jordan Valley Taipuha Whakapara Maungatapere - Dairy Factory Te Kopuru North River Brynderwyn	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Maungatapere CB6 Dargaville CB2 Rusakaka CB7 Maungaturoto CB1	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/29/2025	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55 11:30:30 06:24:00 09:00:26	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.00026	421 50 13 41 8 1093 103 948 2230 17	568 4218 3991 12792 1640 12432 6553 8900 50742 5457	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Unplanned Planned Unplanned Planned	Unknown Trij Planned Interruption Rer Planned Interruption HV Planned Interruption HV Planned Interruption IV Unknown Pala Planned Interruption Rer Unknown B p Planned Interruption Rer Planned Interruption Rer Planned Interruption Reg	nove Links 8842KL and replace with jumpers plate x-arms at poles 33629 and 33630 & LV Xarms from 8212 sloation for safety Replacing LV conductor from KR201 pole and crossarm replacement it beyond SW663, closed after 15min, held nove links 883kLL n & N faut - Close > 15min lace 11kV pole and cross arms, replace one span of 11kV conduct blace pole hardware & transformer D387 like for like, from pole 23
5308-8 5401-8 8665-A 5425-8 8668-A 5392-8 5329-8 15934-A	Jordan Valley Taipuha Whakapara Maungatapere - Dairy Factory Te Kopuru North River Brynderwyn Ararua	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Maungatapere CB6 Dargaville CB2 Rusakaka CB7 Maungaturoto CB1 Mareretu CB2	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025	09:01:22 09:08:00 09:39:00 10:51:55 11:30:30 06:24:00 09:02:20 09:01:28	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/29/2025 1/29/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 14:43:00 13:46:31	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.00026	421 50 13 41 8 103 103 948 230 17 151	568 4218 3991 12792 1640 12432 6553 8900 50742 5457 43043	Unplanned Planned Planned Planned Planned Unplanned Unplanned Unplanned Planned Unplanned Planned Planned Planned Planned Planned	Unknown Triy Planned Interruption Rer Planned Interruption Planned Interruption Planned Interruption Planned Interruption Planned Interruption Planned Interruption Rer Unknown Rer Planned Interruption Rer Planned Interrup	nove Links 8842KL and replace with jumpers blace **arms at poles 38529 and 33630 & LV Xarms from 8212 stoatation for safety Replacing LV conductor from KR201 pole and crossarm replacement it beyond SW663, closed after 15min, held move links 8881KL is the yond SW663, closed after 15min, held move links 8881KL is A flault - Close >15min place 11kV pole and cross arms, replace one span of 11kV conducts lace pole hardware & transformer D387 like for like, from pole 23 blace IV & LV conducts arms and refurbha various Dsubs a round so the safe Visit V conducts arms and refurbha various Dsubs a round so the safe Visit V conducts arms and refurbha various Dsubs a round so the safe Visit V conducts arms and refurbha various Dsubs a round so the safe Visit V conducts are safe visit various doubt and safe Visit V conducts are safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt are safe visit various doubt and safe visit various doubt are safe visit various doubt are safe visit various doubt and safe visit various doubt are s
5308-B 5401-B 665-A 5425-B 668-A 5392-B 5329-B 5329-B	Jordan Valley Taipuha Whakapara Maungatapere - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd	Nikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Maungatapere CB6 Dargaville CB2 Rusiakai CB7 Maungataperot CB1 Mareretu CB2 Tikipunga CB8	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025 1/30/2025	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55 11:30:30 06:24:00 09:02:26 09:22:00 09:01:28 09:09:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:5:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 14:43:00 13:46:31 15:58:00	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.00026 0.00224	421 50 13 41 8 1093 103 948 230 17 151 146	568 4218 3991 12792 1640 12432 6553 8900 50742 5457 43043 70793	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Planned Planned Planned Planned Planned Planned Planned Planned Planned	Unknown Trij Planned Interruption Rer Planned Interruption HV Planned Interruption HV Planned Interruption IV Unknown Fax Planned Interruption Rer	nove Links 8842KL and replace with jumpers Jakee x-arms at poles 33629 and 33630 & LV Xarms from 8212 Isolation for safety Replacing LV conductor from KR201 pole and crossarm replacement It beyond SW683, closed after 15min, held nove links 8881KL h. & N fault - Close > 15min Jakee 11M pole and cross arms, replace one span of 11KV conduct blace pole hardware & transformer D387 like for like, from pole 23 olace HV & LV cross arms and refurbish various Dsubs all new RMU, post livening issue. Generation used over night. upg
308-B 401-B 565-A 425-B 568-A 392-B 329-B 5934-A 963-B 332-B	Jordan Valley Tajpuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Kiripaka Rd Kiripaka Rd	Hikurangi CB1102 Mariretu CB1 Hikurangi CB1112 Hikurangi CB1112 Dargaville CB2 Rusiska CB7 Maungaturoto CB1 Marretu CB2 Tikipunga CB8 Tikipunga CB8	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/30/2025 1/31/2025	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55 11:30:30 09:02:00 09:02:2:00 09:01:28 09:09:00 00:02:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025 1/31/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 14:43:00 13:36:31 15:58:00 01:33:00	0.00881 0.06545 0.06193 0.19850 0.02545 0.10168 0.13810 0.78738 0.08468 0.66791 1.09851 0.30924	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.00026 0.00234 0.00234	421 50 133 41 8 1093 103 948 230 17 151 146	568 4218 3991 12792 1640 12432 6553 8900 50742 5457 43043 70793 119929	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Planned	Unknown Triy Planned Interruption Rer Planned Interruption Planned Interruption Planned Interruption Planned Interruption Planned Interruption Planned Interruption Rer Unknown B B Planned Interruption Rer Planned Interruption Rep Planned Interruption Rep Planned Interruption Rep Planned Interruption Rep Planned Interruption Inte	move Links B82EXL and replace with jumpers better exams a plop at \$3.020 and \$3.050.0 kt Varms from 8212 Isolation for safety Replacing LV conductor from KR201 look and crossarm replacement the beyond SW665, closed after 15min, held nove links 8881kt. As it Nautt - Close > 15min later \$110 yole and cross arms, replace one span of \$110 conduct better pole hardware & transformer D837 like for like, from pole 22 later plot hardware & transformer D837 like for like, from pole 22 later PV & LV cross arms and refurbish various Daubs all new RMU. Post tivening issue. Generation used over night, up revovements in Supply Quality - INSTALL HY POST SULATORS TO IM
5308-B 5401-B 665-A 5425-B 6668-A 5392-B 5322-B 5322-B 5332-B 5332-B	Jordan Valley Tajpuha Whakapara Maungatapere - Dairy Factory Tex Reputur North River Brynderwyn Ararua Kiripaka Rd Giripaka Rd Tajpuha	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Maungatapere CB6 Dargaville CB2 Rauskala CB7 Maungaturoto CB1 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Mareretu CB1	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/29/2015 1/29/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55 11:30:30 06:24:00 09:00:26 09:22:00 09:01:28 09:09:00 00:02:00 09:05:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025 1/31/2025 1/31/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 13:46:31 15:58:00 01:33:00 13:25:00	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791 1.09851 0.30924 0.07666	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.00026 0.00234 0.00227 0.00340 0.00029	421 50 13 41 8 8 1093 103 948 230 17 151 146 219	568 4218 3991 12792 1640 12432 6553 8900 50742 5457 43043 70793 19999	Unplanned Planned	Unknown Triy Planned Interruption Ren Planned Interruption HV Planned Interruption HV Interruption LV Interruption Ren Planned Interruption Int	nove Links 8842KL and replace with jumpers Jakee x-arms at poles 33629 and 33630 & LV Xarms from 8212 solatation for safety Replacing LV Conductor from KK201 pole and crossarm replacement it beyond SW663, closed after 15min, held nove links 8881KL h. & N fault - Close - 15min lace 11kV pole and cross arms, replace one span of 11kV conducts lace pole hardware & transformer D387 like for like, from pole 23 lace HV & LV cons arms and refurbh various DSW5 zall new RMU. Post livening issue. Generation used over night-upg provements in Supply Quality - INSTALL HV POST ISULATORS TO IM all TX XS25
308-8 401-8 565-A 425-8 568-A 392-8 392-8 392-8 332-8 434-8 446-8	Jordan Valley Talpuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kirjaka Rd Giripaka Rd Talpuha Ararua	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Maugatapere CB6 Oargaville CB2 Roukaka CB7 Maungatupero CB1 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB2	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/29/2015 1/29/2015 1/29/2015 1/30/2015 1/31/2015 1/31/2015	09:01:22 09:08:00 09:32:00 09:52:00 10:51:55 11:30:30 06:24:00 09:02:20 09:01:28 09:09:00 00:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 14:43:00 13:46:31 15:58:00 01:33:00 13:25:00 16:22:00	0.00881 0.06545 0.06193 0.19850 0.192545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791 1.09851 0.30924 0.77666 0.71392	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.00026 0.00224 0.00227 0.00340 0.00029	421 50 133 41 8 1093 1093 103 948 230 117 151 146 219 19 108	568 4218 3991 12792 1640 12432 6553 8500 50742 43043 70793 19929 4940 46008	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Planned	Unknown Trij Planned interruption Ren Planned interruption HV Planned interruption HV Planned interruption HV Planned interruption HV Unknown Fail Unknown Fail Unknown Ren Planned interruption Rep Planned interruption I	nove Links 8842KL and replace with jumpers jakes x-arms at poles 33629 and 33630 & LV Xarms from 8212 sloatation for safety Replacing LV conductor from KR201 pole and crossarm replacement lit beyond SW683, closed after 15min, held move links 8881KL h. & N fault - Close > 15min h. & N fault - Close > 15min late 114V pole and cross arms, replace one span of 11kV conducts lates 214V pole and cross arms, replace one span of 10kV conducts lates 214V pole hardware & transformer D387 like for like, from pole 23 lates HV & LV cross arms and refurbish various Dsubs all new RMU, DoSt livening issue. Generation used over night. upg provements in supply Quality - INSTALL HV POST ISULATORS TO IM all TX XS25 grade LV overhead lines between poles 980606 and 48704. Remov
308-8 401-8 665-A 4425-8 668-A 332-8 332-8 332-8 332-8 434-8 4446-8 335-8	Jordan Valley Tajpuha Whakapara Maungatapere - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kripaka Rd Kripaka Rd Tajpuha Ararua Puwera	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Dargaville CB2 Rusiaka CB7 Maungatapere CB6 Dargaville CB2 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB2 Maungatapere CB7	1/28/005 1/28/005 1/28/005 1/28/005 1/28/005 1/28/005 1/28/005 1/28/005 1/29/005 1/29/005 1/29/005 1/30/005 1/31/005 1/31/005 1/31/005 1/31/005	09:01:22 09:08:00 09:39:00 09:52:00 10:51:55 11:30:30 06:24:00 09:02:60 09:01:28 09:09:00 00:02:00 09:05:00 09:16:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025	07:12:21 10:25:44 14:15:00 14:51:00 14:51:00 11:07:11 12:34:07 16:39:54 12:41:03 14:43:00 13:46:31 15:58:00 13:25:00 13:25:00 10:32:44	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791 1.09851 0.30924 0.77632 0.71392	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.0026 0.00234 0.0027 0.00340 0.00029	421 50 13 41 8 1093 103 948 230 17 151 146 219 19 108	568 4218 3991 12792 1560 12432 6553 8900 50742 44043 70793 4900 46008	Unplanned Planned Planned Planned Planned Planned Planned Planned Unplanned Planned	Unknown Triy Planned Interruption Per Planned Interruption Inst Planned Interruption Upp	nove Links 8842KL and replace with jumpers blace x-arms at poles 38529 and 33630 & LV Xarms from 8212 bloatation for safety Replacing LV conductor from RR201 pole and crossarm replacement lite byend 5W663, closed after 15min, held move links 8884KL blace pole safe to 15min, held move links 8884KL blace pole hardware & transformer D387 like for like, from pole 32 blace pole hardware & transformer D387 like for like, from pole 32 blace pole hardware & transformer D387 like for like, from pole 32 blace pole hardware & transformer D387 like for like, from pole 32 blace pV 8 LV cross arms and refurbha various Dsubs all new 8MU. Post livening issue. Generation used over night, uge zorcements in supply Quality - INSTALL HV POST ISULATORS TO IM tall TX XS25 grade LV overhead lines between poles 980606 and 48704. Removenee links 809481.
5308-8 5401-8 665-A 5425-8 668-A 5392-8 5332-8 5393-A 1993-A 1993-8 5332-8 5446-8 5446-8 5446-8 5446-8 5446-8	Jordan Valley Tajpuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Kiripaka Rd Tajpuha Ararua Puwera Tajpuha	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Maungatapere CB6 Dargaville CB2 Rusikala CB7 Maungatapere CB1 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB2 Maungatapere CB7 Maungatapere CB7 Mareretu CB1	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/30/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015	09:01:22 09:08:00 09:39:00 09:52:00 10:1155 11:39:30 66:24:00 09:02:00 09:02:00 09:00 00 00 00 00 00 00 00 00 00 00 00 00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/39/2025 1/39/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 14:51:00 13:17:00 11:07:11 12:34:07 16:39:54 12:41:03 14:43:00 13:46:31 15:58:00 10:33:00 13:25:00 16:22:00 16:22:00	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791 1.09851 0.30924 0.07666 0.71392 0.01960 0.01960 0.08798	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.00026 0.00234 0.00227 0.00340 0.00029 0.00168 0.00029	421 50 13 41 8 1093 103 948 230 17 151 146 219 19 108 19 90	568 4218 3991 17792 1640 12432 6553 8800 5742 43043 70793 19929 48400 46008 1263	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Planned Unplanned Planned	Unknown Trij Planned Interruption Planned interruption Planned interruption HV Planned interruption HV Planned interruption HV Planned interruption Planned interruption Planned interruption Rep Unknown Blanned interruption Planned interruption Rep Planned interruption Rep Planned interruption Rep Planned interruption Rep Planned interruption Im Planned Interruptio	nove Links 8842KL and replace with jumpers Jakee x-arms at poles 33629 and 33630 & LV Xarms from 8212 Isolation for safety Replacing LV conductor from KR201 pole and crossarm replacement It beyond SW663, closed after 15min, held nove links 8881KL h. & N fault - Close 15min lakee 11kV pole and cross arms, replace one span of 11KV conducts bakee pole hardware & transformer D387 like for like, from pole 23 lakee HV & LV cross arms and refurbish various Dx851 all new RMU. Post livening issue. Generation used over night. upg provements in Supply Quality - INSTALL HV POST ISULATORS TO IM all TX X525 grade LV overhead lines between poles 980606 and 48704. Remov nove links 8049KL ent Repairs - replace HV arms, LV connections, Straighten pole an ent Repairs - replace HV arms, LV connections, Straighten pole an
3308-8 4001-8 665-A 4425-8 668-A 3392-8 3329-8 5534-A 9963-8 3332-8 4444-8 4446-8 3335-8 4661-8	Jordan Valley Tajpuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Kripaka Rd Tajpuha Ararua Duwera Tayuha Tayuha Tayuha Tayuha	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Maungatapere CB6 Gargaville CB2 Ruaskas CB7 Maungatapere CB6 Marretu CB2 Tikipunga CB8 Tikipunga CB8 Marretu CB1 Marretu CB2 Maungatapere CB7 Maungatapere CB7 Maungatapere CB7 Ruaskas CB2	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/29/2015 1/29/2015 1/39/2015	09:01:22 09:08:00 09:39:00 09:52:00 105:155 11:39:30 09:20:00 09:02:00 09:0	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/39/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 16:39:54 12:41:03 13:46:31 15:58:00 13:35:00 13:25:00 10:32:44 11:50:00 09:03:41	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.066791 1.09851 0.30924 0.07666 0.71392 0.01960 0.01960 0.01969	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00160 0.01471 0.00357 0.00026 0.00234 0.00227 0.00340 0.00029 0.00168 0.00029 0.00168	421 50 133 41 8 8 1093 103 948 230 177 151 146 219 19 108 19 109 109 109 109 109 109 109	568 4218 3991 12792 1540 12432 6553 8900 50742 43043 70793 4900 4500 1263 5670 5131	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Planned	Unknown Trij Planned Interruption Replanned Interruption Replanned Interruption Replanned Interruption Planned Interruption Interruption Planned Interruption Interruption Planned Interruption Planned Interruption Replanned Interruption Replanned Interruption Interruption Planned Interruption Replanned Interruption Planned Interruption Replanned Interruption Interrupti	nove Links 8842KL and replace with jumpers between zero and species of the state of
308-8 401-8 665-A 425-8 668-A 332-8 332-8 332-8 332-8 434-8 444-8 446-8 3335-8 461-8 686-A	Jordan Valley Talpuha Whakapara Maungatapere - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Talpuha Ararua Druwera Talpuha Waipu Bickerstaff	Nikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Hikurangi CB1112 Dargaville CB2 Rusikaic CB7 Maungaturoto CB1 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB1 Rusikaic CB2 Mareretu CB1	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/29/2015 1/29/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015 1/39/2015	09:01:22 09:08:00 09:39:00 09:52:00 19:52:00 19:52:00 19:52:00 19:52:00 09:02:6 09:22:00 09:02:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 0	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 14:51:00 13:17:00 11:07:11 12:34:07 16:39:54 12:41:03 14:43:00 13:46:31 15:58:00 16:32:00 16:32:00 10:	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791 1.09851 0.30924 0.07666 0.71592 0.01960 0.07898 0.07959 0.24451	0.00653 0.00078 0.00020 0.00020 0.00064 0.00160 0.01696 0.00160 0.0025 0.00234 0.00226 0.00234 0.0029 0.00029 0.00140 0.00029	421 50 13 41 8 1093 103 948 230 17 151 146 219 19 108 19 90 123 778	568 4218 3991 12792 1640 12432 6533 8800 50742 5457 43043 70793 19929 4940 46008 1263 5570 5131	Unplanned Planned Unplanned Unplanned Unplanned	Unknown Triy Planned Interruption Per Planned Interruption HV Planned Interruption HV Planned Interruption HV Planned Interruption Pu Planned Interruption Rep Planned Interruption Inst Planned Interruption	nove Links 8842KI, and replace with jumpers lake a xims at poles 33629 and 33630 & LV Xarms from 8212 kodation for safety Replacing LV conductor from RR201 pole and crossarm replacement lit beyond SW663, oloced after 15min, held nove links 8831KI h & N Fault - Close > 15min blace 1114V pole and cross arms, replace one span of 11KV conduct blace pole hardware & transformer D387 like for like, from pole 2: blace pole hardware & transformer D387 like for like, from pole 2: blace the XE LV cross arms and refurbiat various. Dubs at lall new RMUL, Post livening issue. Generation used over night, up, trovenents in Supply Quality - INSTAIL HV POST SULATORS TO II hall TX XS25 grade LV overhead lines between poles 980605 and 48704. Remo nove links 80894. tent Repairs - replace HV a rmc, LV connections, Straighten pole ar 800026 - Report of low where, LV connections, Straighten pole ar 800026 - Report of low Yare report of opened & S236 for sat 800026 - Report of low varies, LV connections, Straighten pole ar 800026 - Report of low Yare report of opened & S236 for sat 800026 - Report of Fore Yare Fore Fore Fore Fore Report of connections, Straighten pole ar 800026 - Report of Fore Fore Fore Fore Fore Fore Fore Fore
308-8 401-8 656-A 422-8 5692-8 322-8 332-8 332-8 332-8 446-8 335-8 446-8	Jordan Valley Taípuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Jóripaka Rd Jóripaka Rd Jóripaka Puwera Taípuha Puwera Taípuha Waipu Bickerstaff Austin Road	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Maungatapere CB6 Oargaville CB2 Ruskaix CB7 Maungatapere CB6 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB1 Ruskaix CB2 Maungaturoto CB1 Ruskaix CB2 Maungaturoto CB2 Maungaturoto CB2 Maungaturoto CB2 Maunu CB1072	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/29/2015 1/29/2015 1/30/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015	09:01:22 09:08:00 09:39:00 09:39:00 09:52:00 10:51:55 11:30:30 06:24:00 09:02:60 09:02:00 09:02:00 09:05:00 09:16:00 09:16:00 09:26:15 104:70 00:21:58	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 13:46:31 15:58:00 01:33:00 13:25:00 10:32:44 11:50:00 09:03:41 22:53:19 66:01:04	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.66791 1.09851 0.30924 0.07666 0.71392 0.01960 0.08798 0.07959 0.07959	0.00653 0.00078 0.00020 0.00020 0.00020 0.00064 0.00160 0.0160 0.0160 0.01471 0.00227 0.00340 0.00227 0.00340 0.00168 0.00168 0.00169 0.00169 0.00169 0.00169 0.00169 0.00169 0.00169 0.00169 0.00169	421 50 133 41 8 8 1093 1093 1033 948 230 117 151 146 219 109 109 119 129 129 139 149 149 149 149 149 149 159 169 179 179 179 179 179 179 179 17	568 4218 3991 12792 1640 12432 6550 5504 5044 43043 70793 19929 44008 1263 5501 5111 1766 21170	Unplanned Planned Unplanned Unplanned Unplanned Unplanned	Unknown Trij Planned Interruption Ren Planned interruption HV Planned interruption HV Planned interruption HV Planned interruption HV Unknown Fait Unknown Fait Planned interruption Ren Planned interruption Implanned interruption Implanted Interruption Implanted Interruption Implanted Interruption Implanted Interruption Implanted Interruption Implanted Interruption Ren Planned Interruption Ren	move Links 8842KL and replace with jumpers bete varms at pols 31629 and 31830 & W Yarms from 8212 Isolation for safety Replacing LV conductor from KR201 Isolation for Safety Replace In the Replace one span of 11KV conductor in the Isolation Safety Replace one span of 11KV conductor in the Isolation Safety Replace pole hardware & transformer DS37 like for like, from pole 21 slace HV & LV cross arms and refurbish various Dubts all new RML Post fivening issue. Generation used over night, up urrowments in Supply Caulify. INSTALL HV POST SULATORS TO IM all IT XVS25 all new RML Post fivening issue. Generation used over night, up urrowments in Supply Caulify. INSTALL HV POST SULATORS TO IM all IT XVS25 all Town RML Post fivening issue. Generation used over night, up urrownents in Supply Caulify. INSTALL HV POST SULATORS TO IM all IT XVS25 argade LV overhead lines between poles 980606 and 48704. Remonouse links 8049KL generation in the Repairs - replace HV arms, UV connections, Straighten pole and 990026. Report of low wire across road -opened Sw 5236 for saf 990036. Heavy further -report of bind strike & first, Found deceases.
5308-6 5401-8 665-A 5425-8 5658-A 5322-8 5322-8 5322-8 5322-8 5322-8 5322-8 5322-8 5322-8 5322-8 5444-8 5444-8 5444-8 5444-8 5446-8 5333-8 5446-8 5466-8	Jordan Valley Talpuha Whakapara Maungatapere - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Talpuha Ararua Druwera Talpuha Waipu Bickerstaff	Nikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Hikurangi CB1112 Dargaville CB2 Rusikaic CB7 Maungaturoto CB1 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB1 Rusikaic CB2 Mareretu CB1	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/29/2015 1/29/2015 1/29/2015 1/30/2015 1/30/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015 1/31/2015	09:01:22 09:08:00 09:39:00 09:52:00 105:155 11:30:30 06:24:00 09:00:28 09:22:00 09:00:28 09:09:00 00:00:00 09:05:0	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025 1/39/2025	07:12:21 10:25:44 14:15:00 14:51:00 14:51:00 11:07:11 11:23:4:07 16:39:54 11:24:103 14:43:00 13:46:31 15:58:00 13:25:00 13:25:00 16:22:00 10:32:44 11:50:00 09:03:41 22:53:19 06:01:04	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791 1.09851 0.30924 0.07639 0.11960 0.08795 0.24451 0.024451 0.024451	0.00653 0.00078 0.00020 0.00020 0.00020 0.00012 0.00160 0.00167 0.0027 0.00234 0.00234 0.00234 0.00239 0.00038	421 50 133 41 8 1093 103 948 230 17 151 146 219 19 108 19 90 123 778 412	568 4218 3991 12792 1560 12432 6553 8900 50742 44043 70793 4900 46008 1263 5570 5131 15762 21170	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Planned Unplanned Unplanned Unplanned Unplanned Unplanned Unplanned Unplanned	Unknown Triy Planned Interruption Repeated Planned Interruption Planned Interruption Repeated Planned Interruption Planned Interruption Institution Planned Interruption Planned Interruption Planned Interruption Planned Interruption	nove Links 8842KL and replace with jumpers blace varms at poles 33629 and 33630 & LV Xarms from 8212 bsolation for safety Replacing LV conductor from KR201 pole and crossarm replacement lite byend 5W663, closed after 15min, held move links 8881KL black sold safe to 15min, held move links 8881KL black sold safe to 15min, held sold safe to 15min, held and 15min, held and 15min, held safe pole hardware & transformer D387 like for like, from pole 23 base in 15min, held safe pole hardware & transformer D387 like for like, from pole 23 base in 15min, held safe pole hardware & transformer D387 like for like, from pole 23 base in 15min, held safe
3308-8 4001-8 665-A 5425-8 668-A 5392-8 5332-8 5332-8 5433-8 5461-8 686-A 668-A 668-A 668-A 668-A 668-A	Jordan Valley Tajouha Whakapara Maungatapere - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Kiripaka Rd Kiripaka Rd Tajouha Jouwera Tajouha Waipu Waipu Sickerstaff Austin Road Tangowahine	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Hikurangi CB1112 Maungatapere CB6 Dargaville CB2 Ruskaka CB7 Maungatapere CB6 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB2 Maungatapere CB7 Maungatapere CB7 Maungatapere CB7 Maungatapere CB1 Maungatapere CB1 Maungatapere CB2 Maunus CB1072 Dargaville CB8	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/30/2015 1/31/2015	09:01:22 09:00:00 09:39:00 09:52:00 19:51:55 11:30:30 66:24:00 09:22:00 09:22:00 09:22:00 09:22:00 09:22:00 09:25:55 10:40:00 09:15:50 09:	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 13:46:31 15:58:00 13:30:0 13:25:00 13:25:01 13:25:00 10:32:44 11:50:00 09:03:41 12:25:01 06:01:04	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.08468 0.66791 1.09851 0.30924 0.07666 0.17892 0.1960 0.08798 0.07599 0.24451 0.32840 0.32840 0.38198	0.00653 0.00078 0.00020 0.00020 0.00064 0.00169 0.01696 0.01610 0.01471 0.00357 0.00026 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140 0.00140	421 50 13 41 8 1093 1093 1098 230 177 151 146 219 109 109 109 127 131 148 219 119 109 119 119 119 119 119 1	568 4218 3291 12792 1640 12432 6553 65930 50447 43043 70793 19929 44008 1263 5570 13131 15131 25170 3256	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Planned Unplanned Unplanned Unplanned Unplanned Unplanned Unplanned Planned Planned Planned Planned Planned	Unknown Trij Planned interruption Replanned interruption Planned interruption Replanned interruption Planned interruption Planned interruption Planned interruption interruption Planned interruption interruption Planned interruption Planned interruption Replanned interruption Planned interruption Replanned Replann	nove Links 8842KL and replace with jumpers Jakee x-arms at poles 33629 and 33630 & LV Xarms from 8212 Isolation for safety Replacing LV conductor from KR201 pole and crossarm replacement It beyond SW663, closed after 15min, held nove links 8881KL h. 8. If July 15min Jace 11kV pole and cross arms, replace one span of 11kV conducts lake pole hardware & transformer D387 like for like, from pole 23 Jakee HV 8 LV cross arms and referbish various Dxbus zall new RMU. Post livening issue. Generation used over night. upg provements in Supply Quality - INSTALL HV PGST ISULATORS TO IM all TX XS25 grade LV overhead lines between poles 980606 and 48704. Remov nove links 8049KL ent Repairs - replace HV arms, LV connections, Straighten pole an 990026 - Report of low wire across road - opened Sw 5236 for safe 990034 - FERVA 140475 report of bird strike & fire. Found decease 990035 - Heavy fault - report of bang and flash near Sw 7015. Susp slace poles and conductor Jace poles and conductor Jace poles and conductor Jace poles and conductor Jackeep Les and Le
3308.8 4005.8 4005.8 4005.8 4025.8 668.A 3392.8 3392.8 3392.8 3392.8 4344.8 446.8 8335.8 686.A 698.A 701.A 2263.8 3399.8	Jordan Valley Taípuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Jóripaka Rd Jóripaka Rd Jóripaka Puwera Taípuha Puwera Taípuha Waipu Bickerstaff Austin Road	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Maungatapere CB6 Oargaville CB2 Ruskaix CB7 Maungatapere CB6 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB1 Mareretu CB1 Mareretu CB1 Ruskaix CB2 Maungaturoto CB1 Ruskaix CB2 Maungaturoto CB2 Maungaturoto CB2 Maunu CB1072	1/28/025 1/28/025 1/28/025 1/28/025 1/28/025 1/28/025 1/28/025 1/28/025 1/28/025 1/29/025 1/29/025 1/29/025 1/39/025 1/39/025 1/39/025 1/31/025	09:01:22 09:00:00 09:39:00 09:39:00 09:52:00 105:155 11:39:30 09:02:6 09:22:00 09:02:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/31/2025	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 16:39:54 12:41:03 13:46:31 13:46:31 13:46:31 13:58:00 13:32:00 13:25:00 13:25:00 10:32:44 11:50:00 10:30:41 12:53:19 06:01:44:600 14:46:00 14:46:00	0.00881 0.06545 0.06193 0.19850 0.22545 0.19291 0.10168 0.13810 0.78738 0.86468 0.66791 1.09851 0.07666 0.71392 0.01660 0.07599 0.07959 0.07959 0.07959 0.07959 0.05051 0.32840 0.05051	0.00653 0.00078 0.00020 0.00064 0.00012 0.01696 0.00169 0.001697 0.00234 0.00234 0.00234 0.00234 0.00239 0.001490 0.001690	421 50 133 41 8 8 1093 103 948 230 177 151 146 219 19 108 19 90 123 778 412 111 72	568 4218 3991 12792 1540 12782 15432 6553 8900 50742 43043 70793 4900 46008 11263 15762 21170 3326 24624 36242	Unplanned Planned Planned Planned Planned Planned Planned Unplanned Unplanned Planned	Unknown Trij Planned Interruption Per Planned Interruption Rep Planned Interruption Rep Planned Interruption Planned Interruption Interruption Planned Interruption Interruption Planned Interruption Interruption Planned Interruption Rep Illanned Interruption Rep Illanned Interruption Rep Planned Interruption Rep Planned Interruption Rep Illanned Interruption Rep Illanned Interruption Rep Illanned Interruption Rep Planned Interruption Rep Illanned Illann	nove Links 8842KL and replace with jumpers blace varies at pales 33629 and 33630 & U Xarms from 8212 bolation for safety Replacing LV conductor from KR201 bolation for safety Replacing LV conductor from KR201 pole and crossarim replacement it beyonds W663, closed after 15min, held move links 8881KL. B & Natult - Close >15min blace 111/V coled and cross arms, replace one span of 111/V conducts blace pole hardware & transformer D387 lile for lifke, from pole 23 blace 104 kl V or
5308-8 5401-8 665-A 5401-8 665-A 5422-8 6568-A 5392-8 5332-8 5332-8 5332-8 5444-8 5444-8 5444-8 5446-8 5333-8 5461-8 6666-A 6666-A 6701-A 5256-8 5308-8 5308-8 5308-8	Jordan Valley Talpuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Triajuha Ararua Puwera Talpuha Walipu Bickerstaff Austin Road Tangowahine Thelma Road	Nikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Hikurangi CB1112 CB2 Dargaville CB2 Rusiakia CB7 Maungatuproto CB1 Marretu CB2 Trikpunga CB8 Trikpunga CB8 Marretu CB1 Marretu CB1 Marretu CB1 Marretu CB1 Marretu CB2 Mangatuproto CB1 Marretu CB2 CB3 Marretu CB2 Mangatuproto CB3 Mangatuproto CB3 Mangatuproto CB2 Maungatuproto CB2 Maungatuproto CB3 Mangavhai North CB4 Mangavhai North CB4	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/30/2015 1/30/2015 1/31/2	09:01:22 09:00:00 09:39:00 09:39:00 09:52:00 10:51:55 11:30:30 06:20:00 09:02:00 09:02:00 09:02:00 09:00:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025 1/31/2	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 13:46:31 15:58:00 13:30:00 13:30:00 13:25:50 16:22:00 10:32:44 11:50:00 16:21:01 14:40:00 14:46:00 14:46:00 14:26:00	0.00881 0.06545 0.06193 0.19850 0.12951 0.10168 0.13810 0.78738 0.0866 0.07666 0.17666 0.07666 0.01560 0.08798 0.04551 0.38198 0.3840	0.00653 0.00078 0.00020 0.00064 0.00064 0.00010 0.01471 0.00157 0.00057 0.00027 0.00064 0.00168 0.00029 0.00168 0.00029 0.00168 0.00029 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191	421 50 13 41 8 1093 103 948 230 17 151 146 219 19 108 19 109 108 119 129 130 149 149 149 149 149 149 149 149	568 4218 3991 12792 1640 12432 5553 5500 50742 43043 19929 48404 4008 1263 5570 13170 3256 24624 36242	Unplanned Planned Planned Planned Planned Planned Planned Planned Unplanned Planned	Unknown Trij Planned interruption Rep Planned interruption Rep Planned interruption Rep Planned interruption Rep	nove Links 8842KL and replace with jumpers Jakee x-arms at poles 33629 and 33630 & LV Xarms from 8212 Isolation for safety Replacing LV conductor from KR201 pole and crossarm replacement It beyond SW653, closed after 15min, held nove links 8841KL h & N fault - Close > 15min Jakee 11kV pole and cross arms, replace one span of 11kV conducts Jakee pole hardware & transformer D387 like for like, from pole 23 Jakee HX & LV cross arms and refurbha various Dsubs Jalanee MBU. Post livening issue. Generation used over night. uggs vorcements in Supply Quality - INSTALL HV POST SULATORS TO IMI Jali TX X525 grade LV overhead lines between poles 980606 and 48704. Remov nove links 8094XL gent Repairs - replace HV arms, LV connections, Straighten pole and 500026 - Report of low wire across road - opened Sw 5236 for safet gent Repairs - replace HV arms, LV connections, Straighten pole and 500026 - Report of low wire across road - opened Sw 5236 for safet Jalane poles and conductor Jake poles and conductor Jake poles and conductor Jake poles and conductor Jake poles 25529, straighten poles 25524 and 19522 and level translace PV poles and ross arms. Refurble Dsb 9252 and level translace PV poles and ross arms. Refurble Dsb 9252 and level translace PV poles and ross arms. Refurble Dsb 9252 and level translace PV poles and ross arms. Refurble Dsb 9252 and level translace PV poles and ross arms. Refurble Dsb 9252 and level translace PV poles and ross arms. Refurble Dsb 9252 and level translace PV poles and ross arms. Refurble Dsb 9250
5308-8 5405-8 5405-8 5405-8 5405-8 5405-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8 5392-8	Jordan Valley Taipuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Jiripaka Marua Puwera Taipuha Waipu Bickerstaff Austin Road Tangowahine Thelma Road Wairere	Hikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Hikurangi CB1112 Maungatapere CB6 Dargaville CB2 Ruskaix CB7 Maungaturoto CB1 Mareretu CB2 Tikipunga CB8 Tikipunga CB8 Mareretu CB1 Mareretu CB1 Mareretu CB1 Suskaix CB2 Maungaturoto CB3 Mangawhai North CB4 Mareretu CB5	1/28/2015 1/28/2	09:01:22 09:00:00 09:39:00 09:39:00 09:52:00 105:155 11:39:30 06:24:00 09:00:00 09:00:00 09:00:00 09:00:00 09:00:00 09:00:00 09:00:00 09:00:00 09:00:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00 09:00	1/28/2035 1/28/2035 1/28/2035 1/28/2035 1/28/2035 1/28/2035 1/28/2035 1/28/2035 1/29/2035 1/29/2035 1/29/2035 1/31/2	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 14:43:00 13:36:31 14:43:00 13:36:31 15:58:00 13:36:31 15:58:00 16:22:00 10:32:44 11:50:00 19:03:41 12:53:19 66:01:44 14:05:00 14:26:00 14:26:00 13:38:00 14:26:00 13:38:00	0.00881 0.06545 0.06193 0.19850 0.02545 0.19291 0.10168 0.13810 0.78738 0.88468 0.66791 1.09851 0.30924 0.07666 0.71392 0.01969 0.07959 0.274451 0.32840 0.50551 0.32840 0.55220 0.17002	0.00653 0.00078 0.00020 0.00020 0.00064 0.00064 0.00169 0.00169 0.00169 0.00234 0.00234 0.00234 0.00239 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.0019 0.00059	421 50 133 41 41 8 80 903 103 948 230 17 151 146 249 19 108 108 108 109 117 121 128 40 40 334	568 4218 3991 12792 12692	Unplanned Planned	Unknown Trij Planned Interruption Rer Planned Interruption HV Planned Interruption HV Planned Interruption HV Unknown Fai Planned Interruption Rer Unknown Fai Planned Interruption Rer Planned Interruption Rer Planned Interruption Rer Planned Interruption Institution Interruption Rer Planned Interruption Rer Planned Interruption Rep	move Links 8842KL and replace with jumpers Jake a-arms at poles \$3829 and \$3508 U. Varms from 8212 Isolation for safety Replacing LV conductor from KR201 solation for the Safety Replace one Span of 11KV conductor slate 11KV pole and cross arms, replace one span of 11KV conductor slate pole hardware & transformer D387 like for like, from pole 238 slate pole hardware & transformer D387 like for like, from pole 238 slate pole HV & LV cross arms and refurbish various Duston sight, upgravenements in Supply Quality - NISTALL HV POST SULATORS TO IMI slat TX X525 grade LV overhead lines between poles 980606 and 48704. Remove nove links 8049KL ent Repairs - replace HV arms, LV connections, Straighten pole and 890026. Report of low wire a cross road - opened 5w 5236 for safet \$90034. FEHX 4140475 report of bird strike & fire. Found deceases and \$90035. Heavy fault - report of barg and flash near \$w 7015. Suspelace poles and conductor slate pole 29529, straighten poles 29524 and 29522 and level transformer balace No loss and cross arms. Refurbish Dust D176 slace No loss and cross arms. Refurbish Dust D176 slace No loss and cross arms. Refurbish Dust D176 slace No loss and cross for like and response pole pole pole partware
-5311.8 -5308.8 -5401.8 -5601.8 -5601.8 -5665.A -5425.8 -5625.8 -5625.8 -5522.8 -5522.8 -5522.8 -5522.8 -5522.8 -5523.8 -5446.8 -5333.8 -5446.8 -5333.8 -5466.8 -5353.8 -5466.8 -5353.8 -5466.8 -5555.8 -5555.8 -5555.8 -5555.8	Jordan Valley Talpuha Whakapara Maungataper - Dairy Factory Te Kopuru North River Brynderwyn Ararua Kiripaka Rd Triajuha Ararua Puwera Talpuha Walipu Bickerstaff Austin Road Tangowahine Thelma Road	Nikurangi CB1102 Mareretu CB1 Hikurangi CB1112 Hikurangi CB1112 Hikurangi CB1112 CB2 Dargaville CB2 Rusiakia CB7 Maungatuproto CB1 Marretu CB2 Trikpunga CB8 Trikpunga CB8 Marretu CB1 Marretu CB1 Marretu CB1 Marretu CB1 Marretu CB2 Mangatuproto CB1 Marretu CB2 CB3 Marretu CB2 Mangatuproto CB3 Mangatuproto CB3 Mangatuproto CB2 Maungatuproto CB2 Maungatuproto CB3 Mangavhai North CB4 Mangavhai North CB4	1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/28/2015 1/30/2015 1/30/2015 1/31/2	09:01:22 09:00:00 09:39:00 09:39:00 09:52:00 10:51:55 11:30:30 06:20:00 09:02:00 09:02:00 09:02:00 09:00:00	1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/28/2025 1/29/2025 1/29/2025 1/29/2025 1/30/2025 1/31/2	07:12:21 10:25:44 14:15:00 14:51:00 13:17:00 11:07:11 12:34:07 06:39:54 12:41:03 13:46:31 15:58:00 13:30:00 13:30:00 13:25:50 16:22:00 10:32:44 11:50:00 16:21:01 14:40:00 14:46:00 14:46:00 14:26:00	0.00881 0.06545 0.06193 0.19850 0.12951 0.10168 0.13810 0.78738 0.0866 0.07666 0.17666 0.07666 0.01560 0.08798 0.04551 0.38198 0.3840	0.00653 0.00078 0.00020 0.00064 0.00064 0.00010 0.01471 0.00157 0.00057 0.00027 0.00064 0.00168 0.00029 0.00168 0.00029 0.00168 0.00029 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191 0.00191	421 50 13 41 8 1093 103 948 230 17 151 146 219 19 108 19 109 108 119 129 130 149 149 149 149 149 149 149 149	568 4218 3991 12792 11692 12432 6553 88900 50742 43043 70793 19923 4400 45008 1256 1257 13762 21176 22624 36242 10960 6720 32740	Unplanned Planned Planned Planned Planned Planned Planned Planned Unplanned Planned	Unknown Trij Planned Interruption Rer Planned Interruption HV Planned Interruption HV Planned Interruption HV Unknown Fai Planned Interruption Rer Unknown Fai Planned Interruption Rer Planned Interruption Rer Planned Interruption Rer Planned Interruption Institution Interruption Rer Planned Interruption Rer Planned Interruption Rep	nove Links 8842KL and reglace with jumpers blace varms at poles 33629 and 33630 & LV Xarms from 8212 bsolation for safety Replacing LV conductor from KR201 pole and crossarm replacement lite byend 5W663, closed after 15min, held move links 8881KL bit beyond 5W663, closed after 15min, held move links 8881KL bit beyond 5W663, closed after 15min, held move links 8881KL bit beyond 5W663, closed after 15min, held in the literature of the literat

SCHEDULE 10a: REPORT ON INTERRUPTIONS

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D-5362-B	Onoke	Kamo CB8	2/10/2025	09:04:11	2/10/2025	14:27:30	0.45140	0.00140	90	29099 Planned	Planned Interruption	Replace links 7267KL with SW 10221
728-A	Mata	Ruakaka CB3	2/10/2025	10:38:00	2/10/2025	11:15:00	0.01722	0.00047	30	1110 Unplanned		FP 390183 - Fit insulator back on to crossarm, upcoming shutdown in area, full
1726-B			2/11/2025	09:06:00	2/11/2025	13:56:00	0.15745		35	10150 Planned	Planned Interruption	Replace poles 52272(LV) and 10082. Remove poles 10020 and 10025 and associated associate
743-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. Ca
3752-A 5452-B	Access Rd Mata	Ruawai CB1022 Ruakaka CB3	2/11/2025 2/12/2025	23:49:32 09:01:00	2/12/2025 2/12/2025	00:04:43 14:11:00	0.05980	0.00521	336	3855 Unplanned 21700 Planned	Unknown Planned Interruption	15 min close to Sw 2235 HV/LV POLE, ARM & HARDWARE REPLACEMENTS
5452-B 3764-A	Titoki	Poroti CB1032	2/12/2025	07:58:00	2/12/2025	14:11:00	0.33662	0.00109	153	19125 Unplanned	Human Error	390275 / Sw 793 Opened without Authorisation, switch had same Chanel and A
1537-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
5482-B	(0.00		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
-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
8803-A	Maungakaramea	Maungatapere CB3	2/14/2025	17:40:00	2/14/2025	19:02:00	0.11448		90	7380 Unplanned	Defective Equipment	390338 / Isolate area to replace broken crossarm & hardware on pole 12552.
-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	FP390347Tripped O/C A&B phase, patrolled and found no cause, closed in and h
-8821-A	One Tree Point	Ruakaka CB6	2/15/2025	21:28:00	2/16/2025	00:01:00	0.35191		1263		Unknown	390352 / Intermittent fault on CB 6 RKA. Patrolled for the second time in 24 hou
8818-A 8824-A	Cartwright Rd	Onerahi CB6	2/15/2025	22:08:28	2/16/2025 2/16/2025	05:29:00 07:10:00	0.44044	0.00636	410 2086	28393 Unplanned 32859 Unplanned	Third Party Interference Vegetation	390351 / Car Vs Pole 51973. Cut Break and replace pole. BTN
-5506-B	Montgomery Ave Norfolk St	Alexander St CB1	2/16/2025	05:13:00	2/16/2025	17:24:00	0.50972		2086	11248 Planned	Planned Interruption	390353 / Intermittent tripping. Patrolled and found Bark on lines at pole 36557 Replace LV Frame with New one. Some LV backfeed done, only 19 ICPs affected
-5374-B	Horiokat	Packander St eb2	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
8830-A	Mata	Ruakaka CB3	2/17/2025	08:16:43	2/17/2025	12:41:00	0.18772	0.00164	106	12101 Unplanned		FP 390365 - Report of fire on pole, Broken guy wire on 11kV jumper. Pole leaning
-5653-B	Puwera	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
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
3836-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
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		FP390403Car Vs pole 20319 - 33 & 11kV
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		11kV WIRE AND HARDWARE REPLACEMENTS
5644-B 5602-B	Otonga Hokianga Rd	Hikurangi CB1032 Dargaville CB7	2/18/2025 2/18/2025	09:19:00 09:33:00	2/18/2025 2/18/2025	15:08:00 12:29:00	0.48735	0.00160	103	31417 Planned 3520 Planned	Planned Interruption Planned Interruption	Replace cable and crucifix at pole 302523 Level transformer
5602-B 8851-A	Mata Mata	Ruakaka CB3	2/18/2025	21:41:37	2/18/2025	00:20:00	0.05460	0.00031	134	7115 Unplanned	Defective Equipment	FP390440 FENZ report scrub fire. De-energiised remotely. Broken LV line RO426
8854-A	Swamp North	Hikurangi CB1042	2/18/2025	22:25:00	2/19/2025	02:44:23	0.62012	0.00208	405	39976 Unplanned	Wildlife	FP390441 - 11kV line down & 1 damaged - paradise duck. Additional 104 custor
5629-B	Taipuha	Mareretu CB1	2/19/2025	09:01:58	2/19/2025	13:17:10	0.24148		61	15567 Planned	Planned Interruption	Replace 11kV arms and pole stays at multiple sites
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 gro
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
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	
5647-B	Kaiwaka Town	Kaiwaka CB1062	2/20/2025	09:25:00	2/20/2025	11:33:00	0.08141		41	5248 Planned	Planned Interruption	
5683-B 5473-B	Hakaru Puwera	Kaiwaka CB1032	2/20/2025	10:31:00 09:09:00	2/20/2025	13:17:00 12:57:00	0.04635	0.00028	18 113	2988 Planned 25764 Planned		Replace HV crossarm at pole 47057 and DOFs MC352
5473-B 5488-B	Puwera Puwera	Maungatapere CB7 Maungatapere CB7	2/21/2025 2/21/2025	09:09:00	2/21/2025 2/21/2025	12:57:00	0.39966	0.00175	113	25/64 Planned 3726 Planned		Crossarm and hardware replacement
-5466-B -5851-B	Turiwiri	Dargaville CB9	2/21/2025	10:06:00	2/21/2025	10:20:00	0.03780	0.00028	4	56 Planned	Planned Interruption	Replace crossarms and hardware Remove reclosing links 3112 & replace with solid links.
-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.Live
-5380-В	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
151-B	Kaiatea	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 8
8890-A	Titoki	Poroti CB1032	2/25/2025	04:34:48	2/25/2025	10:39:00	0.62925	0.00628	405	40564 Unplanned		FP390585Tripped E/F, 1x HV line down @ pole 50521 (reports of a high load go
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		390590/ Truck reported hitting LV pole - LVLines down road crossing. Dropped
-5530-В	Montgomery Ave	Onerahi CB8	2/25/2025	09:01:56	2/25/2025	12:37:43	0.24435	0.00113	73	15752 Planned		V POLE & HARDWARE REPLACEMENTS. REMOVE HV LINKS 9378 AND HARD TAP
-5383-B -5572-B	Mata Kaiwaka Town	Ruakaka CB3 Kaiwaka CB1062	2/25/2025	09:06:00	2/25/2025	12:33:00 14:13:00	0.05459	0.00026	17	3519 Planned	Planned Interruption	HV POLE REPLACEMENTS pole 12511 to EOL
-5572-В 8896-А	Maungatapere - Dairy Factory	Maungatapere CB6	2/25/2025	14:51:25	2/25/2025	15:36:04	0.13299	0.00054	192	8573 Unplanned		replace pole hardware and TX like for like 390614/ Car v Pole causing ABC conductor LV lines down road crossing (near b
-5527-B	Matapouri	Ngunguru CB1032	2/27/2025	09:00:34	2/27/2025	13:02:32	0.00751		2	484 Planned		Replace HV arm at pole 58907/58908
-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		HV CONDUCTOR REPLACEMENT
-5854-B	Pataua	Parua Bay CB1	2/27/2025	09:08:00	2/27/2025	14:02:00	0.37853	0.00129	83	24402 Planned	Planned Interruption	Pole replacement & Tx upgrade
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 & rei
5716-B	Coast	Dargaville CB6	2/28/2025	09:02:00	2/28/2025	14:54:00	0.27302	0.00078	50	17600 Planned	Planned Interruption	Replacing 11kv 400v Poles & Cross arms
3905-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 & 38
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
5731-B 5803-B	Cairnfield Rd Whau Vallev	Tikipunga CB5 Tikipunga CB1	3/2/2025 3/2/2025	11:44:38 14:00:53	3/2/2025 3/2/2025	12:30:50 15:11:54	0.14980	0.00324	209	9656 Planned 17257 Planned	Planned Interruption Planned Interruption	Remove KL 7143 Remove links 7130KL from the network
-5803-B -5824-B	Kaiwaka Town	Kaiwaka CB1062	3/3/2025	09:01:00	3/2/2025	11:34:00	0.26772	0.00377	243	6732 Planned	Planned Interruption	
5827-B			3/3/2025	09:14:00	3/3/2025	12:16:00	0.04518	0.00005	16	2912 Planned	Planned Interruption	Rectify partial discharge at SW 4231
914-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.
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
5635-B			3/5/2025	09:01:34	3/5/2025	14:43:29	0.45618		86	29405 Planned	Planned Interruption	HV crossarm and hardware
3929-A	Waipu	Ruakaka CB2	3/5/2025	15:45:08	3/5/2025	16:51:10	0.28376	0.00430	277	18291 Unplanned	Defective Equipment	390807Broken HV insulator at pole 10246
5491-B	Swamp North	Hikurangi CB1042	3/6/2025	09:04:00	3/6/2025	14:44:00	0.40087	0.00118	76	25840 Planned	Planned Interruption	Replace 11kV/400v poles, crossarms and hardwareInstalling Temp Switches 384
3947-A 5704-B	Coast	Dargaville CB6	3/7/2025 3/7/2025	07:39:00	3/7/2025 3/7/2025	08:17:26 13:39:08	0.36153	0.01627	1049	23304 Unplanned	Wildlife	390851/ Station Rd Darg.Trip OC Phase ABC. Dead Bird Network Maintenance - HV/I V POLE ARM & HARDWARE REPLACEMENTS
5704-B 5911-B	Aragua	Mareretu CB2	3/7/2025 3/7/2025	09:01:42 09:09:00	3/7/2025	13:39:08 14:41:00	0.56383	0.00203	131	36344 Planned 8300 Planned	Planned Interruption Planned Interruption	Network Maintenance - HV/LV POLE, ARM & HARDWARE REPLACEMENTS Replace pole, HV & LV crossarms
5911-В 3944-А	Ararua Kiripaka Rd	Tikipunga CB8	3/7/2025	11:52:12	3/7/2025	12:37:10	0.00070	0.00039	25	45 Unplanned		390862To isolate last fuse to CP 17 - Dion to arrange removeal of CBP 17
962-A	Access Rd	Ruawai CB1022	3/8/2025	17:05:00	3/8/2025	17:20:22	0.03461	0.00521	336	2231 Unplanned	Unknown	1 Min Close up to Sw 2235 due to FPIs. 15 Min close on Sw 2235 & BTN
3965-A	King Road	Mangawhai North CB2	3/8/2025	18:54:58	3/8/2025	19:43:39	0.17597	0.00361	233	11343 Unplanned	Defective Equipment	390886Jumper off the top of the HV fuses MC327
971-A	North Kaiwaka	Kaiwaka CB1022	3/9/2025	01:37:00	3/9/2025	01:52:26	0.05244	0.00340	219	3380 Unplanned	Unknown	A & B phase OC- unknown
5809-B	Tikipunga Hill	Tikipunga CB4	3/9/2025	09:02:32	3/9/2025	09:34:18	0.24296	0.00765	493	15661 Planned	Planned Interruption	Remove links 6968 from the network
5800-B	Charles St	Kamo CB2	3/9/2025	11:30:52	3/9/2025	12:44:18	0.17202	0.00234	151	11088 Planned	Planned Interruption	Removing KL7429.
5869-B	Ararua	Mareretu CB2	3/11/2025	09:07:18	3/11/2025	14:50:50	0.90838	0.00265	171	58553 Planned	Planned Interruption	Tree clearing work on double circuit
5494-B	Swamp North	Hikurangi CB1042	3/11/2025	09:11:00	3/11/2025	14:13:00	0.04217	0.00014	9	2718 Planned		Replacing 11kv 400v poles cross arms & conductor.
5746-B 5947-B	Town Dargaville	Dargaville CB3 Mareretu CB2	3/11/2025 3/11/2025	09:23:00 09:26:00	3/11/2025 3/11/2025	11:36:00 14:23:00	0.19602	0.00147	95	12635 Planned 9801 Planned	Planned Interruption Planned Interruption	
5947-B 5749-R	Ararua Town Dargaville	Dargaville CB3	3/11/2025	13:12:00	3/11/2025	14:23:00 15:42:00	0.15205	0.00051	33	9801 Planned 150 Planned	Planned Interruption Planned Interruption	replace pole and pole hardware. Replace TX E407 like for like Repair oil leak
980-A	Waipu	Ruakaka CB2	3/11/2025	20:34:30	3/11/2025	20:35:36	0.00233	0.00002	993	1092 Unplanned	Wildlife Wildlife	390971 / Possum on Tx RR180 Causing Damage to DDOs & LA's
154-B	Waipu	Ruakaka CB2	3/11/2025	20:42:54	3/12/2025	00:40:00	0.04277	0.00056	36	2757 Unplanned	Wildlife	390971 / Shutdown to repair DDO jumpers & LA's at Tx RR180 that caused feed

Company Name	Northpower
For Year Ended	31 March 2025

SCHEDULE 10a: REPORT ON INTERRUPTIONS

This schedule requires raw interruption data for the disclosure year. SADI 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

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 mainten
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	Wharekohe	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	Tangaihi	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	FP 391024 - Replace crossarm and insulators @ Pole 51816
F-9001-A	Whau Valley	Tikipunga CB1		3/14/2025	20:02:00	3/15/2025	02:59:00	0.87865	0.00554	357	56637 Unplanned	Third Party Interferen	re 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	B ph fault - relivened
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 DA53.
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 11v 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-9022-A	Whatatiri	Maungatapere CE	8	3/19/2025	06:59:55	3/19/2025	10:40:00	0.16814	0.00303	195	10838 Unplanned	Wildlife	FP 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	80000.0	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. Relivened Recl 1520, closed Sw 8191 after 15
F-9031-A	Matapouri	Ngunguru CB103	!	3/21/2025	17:47:00	3/21/2025	18:54:00	0.00624	0.00009	6	402 Unplanned	Unknown	FP 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
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	FP391328Replace 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 & liven 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 CB	2	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	Tangaihi	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	FP391357Blown 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	FP391402Trees in line
F-9085-A	Tangaihi	Ruawai CB1032		3/31/2025	14:13:00	3/31/2025	15:01:00	0.00223	0.00005	3	144 Unplanned	Defective Equipment	FP 391423 - Guy wire broken, sitting near HV bushing @ tx K267. 1x HV Fuse b
					i								
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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
 - 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 valueadded 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)
 - 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 nonnetwork 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-

- 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 a re 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	Northpower			
For Year Ended	31 March 2025			

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 urbanrural 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.

Competitive approach - transactional

- tompetitive bidding
 many suppliers and large supply market
 suppliers have little power
 typically for standard goods/services
 no need or benefit for high degree of trust between the parties
 the cost of switching to a new supplier is low

Collaborative approach - strategic relationships

- long term committment, where there is mutual trust, openness and transparency
 agreed shared interests and objectives

- relationship of equal partners joint effort to eliminate waste and increase efficiencies and cost savings

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:

- 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;
- 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.



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.

Mys

Director Mark Trigg Date 27 August 2025 KUDISA

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
Accuracy and completeness of the quantity and duration of electricity outages and ICP numbers 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. 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. 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. The feeder maps capture the Individual Connection Point data that is used in the calculation of the SAIDI and SAIFI values.	 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.

Silvio Bruinsma

Deloitte Limited

On behalf of the Auditor-General

Auckland, New Zealand

Silver Brumgues

27 August 2025