



EDB Information Disclosure Requirements  
Information Templates

Schedules 1-10  
excluding 5f-5h

Company Name

MainPower New Zealand

Disclosure Date

31 August 2024

Disclosure Year (year ended)

31 March 2024

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

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## **Disclosure Template Instructions**

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

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

### ***Company Name and Dates***

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

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

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

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

### ***Data Entry Cells and Calculated Cells***

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

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

### ***Validation Settings on Data Entry Cells***

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

### ***Conditional Formatting Settings on Data Entry Cells***

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

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

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

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

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

### ***Inserting Additional Rows and Columns***

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



Company Name  
For Year Ended

MainPower New Zealand  
31 March 2024

## SCHEDULE 1: ANALYTICAL RATIOS

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

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

sch ref

### 1(i): Expenditure metrics

	Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)
<b>Operational expenditure</b>	38,677	551	211,038	4,728	37,449
Network	12,199	174	66,563	1,491	11,812
Non-network	26,478	377	144,475	3,237	25,637
<b>Expenditure on assets</b>	58,245	830	317,809	7,120	56,395
Network	46,986	669	256,374	5,744	45,494
Non-network	11,259	160	61,435	1,376	10,902

### 1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
<b>Total consumer line charge revenue</b>	94,628	1,348
Standard consumer line charge revenue	92,262	1,314
Non-standard consumer line charge revenue	2,365	1,513,405

### 1(iii): Service intensity measures

Demand density	22	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	122	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	9	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	14,244	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

### 1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	24,747	41.54%
Pass-through and recoverable costs excluding financial incentives and wash-ups	10,927	18.34%
Total depreciation	19,315	32.42%
Total revaluations	12,322	20.68%
Regulatory tax allowance	913	1.53%
Regulatory profit/(loss) including financial incentives and wash-ups	15,997	26.85%
<b>Total regulatory income</b>	<b>59,577</b>	

### 1(v): Reliability

Interruption rate	31.56	Interruptions per 100 circuit km
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Company Name  
For Year Ended

MainPower New Zealand  
31 March 2024

**SCHEDULE 2: REPORT ON RETURN ON INVESTMENT**

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

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

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

sch ref

**2(iii): Information Supporting the Monthly ROI**

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

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

92			
93			
94	Year-end ROI – comparable to a vanilla WACC		5.10%
95			
96	Year-end ROI – comparable to a post tax WACC		4.39%
97			

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

**2(v): Financial Incentives and Wash-Ups**

101			
102	IRIS incentive adjustment		
103	Purchased assets – avoided transmission charge		
104	Energy efficiency and demand incentive allowance		
105	Quality incentive adjustment		
106	Other financial incentives		
107	Financial incentives		-
108			
109	Impact of financial incentives on ROI		-
110			
111	Input methodology claw-back		
112	CPP application recoverable costs		
113	Catastrophic event allowance		
114	Capex wash-up adjustment		
115	Transmission asset wash-up adjustment		
116	2013–15 NPV wash-up allowance		
117	Reconsideration event allowance		
118	Other wash-ups		
119	Wash-up costs		-
120			
121	Impact of wash-up costs on ROI		-







Company Name **MainPower New Zealand**  
For Year Ended **31 March 2024**

**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.

	RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
<b>4(i): Regulatory Asset Base Value (Rolled Forward)</b>					
Total opening RAB value	243,511	257,287	257,036	282,321	306,284
less Total depreciation	14,395	15,000	17,347	18,671	19,315
plus Total revaluations	6,171	3,913	17,810	18,788	12,322
plus Assets commissioned	22,462	11,149	25,337	24,095	30,810
less Asset disposals	135	58	426	10	1,764
plus Lost and found assets adjustment	-	-	(89)	-	-
plus Adjustment resulting from asset allocation	(327)	(255)	(239)	(239)	(476)
<b>Total closing RAB value</b>	<b>257,287</b>	<b>257,036</b>	<b>282,321</b>	<b>306,284</b>	<b>327,861</b>

**4(ii): Unallocated Regulatory Asset Base**

	Unallocated RAB * (\$000)	RAB (\$000)
Total opening RAB value	309,819	306,284
less Total depreciation	19,315	19,315
plus Total revaluations	12,464	12,322
plus Assets commissioned (other than below)	30,810	30,810
plus Assets acquired from a regulated supplier	-	-
plus Assets acquired from a related party	-	-
less Assets commissioned	30,810	30,810
less Asset disposals (other than below)	1,764	1,764
less Asset disposals to a regulated supplier	-	-
less Asset disposals to a related party	1,764	1,764
plus Lost and found assets adjustment	-	-
plus Adjustment resulting from asset allocation	332,014	(476)
<b>Total closing RAB value</b>	<b>332,014</b>	<b>327,861</b>

\* 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.

sch ref

50

**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.

51	4(iii): Calculation of Revaluation Rate and Revaluation of Assets		
52	CPI <sub>t</sub>		1,267
53	CPI <sub>t-4</sub>		1,218
54	Revaluation rate (%)		4.02%
55			
56			
57			
58			
59	Total opening RAB value	Unallocated RAB *	
60	Opening value of fully depreciated, disposed and lost assets	(\$000)	(\$000)
61	less	309,819	306,284
62	Total opening RAB value subject to revaluation		
63	Total revaluations	12,464	12,322
64			
65			
66	4(iv): Roll Forward of Works Under Construction		
67			
68	Works under construction — preceding disclosure year	Allocated works under construction	
69	plus Capital expenditure	8,564	8,564
70	less Assets commissioned	32,638	32,638
71	plus Adjustment resulting from asset allocation	30,810	30,810
72	Works under construction - current disclosure year		
73	Highest rate of capitalised finance applied	10,392	10,392
74			
75			





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

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

sch ref

	Unallocated RAB * (\$000)	RAB (\$000)
76	15,290	15,290
77	4,025	4,025
78		
79		
80		
81		
82		
83		
84		
	19,315	19,315

**4(v): Regulatory Depreciation**

	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distributions and transformers	Distribution switchinggear	Other network assets	Non-network assets	Total
96	20,705	702	38,655	77,821	63,552	43,884	14,075	18,633	28,257	306,284
97	1,093	38	1,958	4,775	2,492	2,410	1,354	1,170	4,025	19,315
98	833	28	1,555	3,131	2,557	1,765	566	750	1,137	12,322
99	2,334	102	644	9,031	4,647	2,398	1,313	3,137	7,204	30,810
100	-	-	-	-	-	-	-	-	1,764	1,764
101	-	-	-	-	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-	-
103	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-
107	22,779	795	38,896	85,208	68,263	45,638	14,559	21,349	30,333	327,861

\* include additional rows if needed

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

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distributions and transformers	Distribution switchinggear	Other network assets	Non-network assets	Total	Weighted average remaining asset life (Years)
108	20,705	702	38,655	77,821	63,552	43,884	14,075	18,633	28,257	306,284	7.0
109	1,093	38	1,958	4,775	2,492	2,410	1,354	1,170	4,025	19,315	13.5
110	833	28	1,555	3,131	2,557	1,765	566	750	1,137	12,322	
111	2,334	102	644	9,031	4,647	2,398	1,313	3,137	7,204	30,810	
	-	-	-	-	-	-	-	-	1,764	1,764	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	22,779	795	38,896	85,208	68,263	45,638	14,559	21,349	30,333	327,861	
	18.9	18.7	19.7	16.3	25.5	18.2	10.4	15.9	7.0		
	43.0	41.3	29.7	39.1	41.2	38.0	29.1	27.8	13.5		



Company Name

MainPower New Zealand

For Year Ended

31 March 2024

**SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE**

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

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

sch ref

		(\$000)	
7	<b>5a(i): Regulatory Tax Allowance</b>		
8	Regulatory profit / (loss) before tax		16,910
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable		*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible		*
12	Amortisation of initial differences in asset values	1,048	
13	Amortisation of revaluations	4,895	
14			5,943
15			
16	<i>less</i> Total revaluations	12,322	
17	Income included in regulatory profit / (loss) before tax but not taxable		*
18	Discretionary discounts and customer rebates		*
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax		*
20	Notional deductible interest	7,271	
21			19,593
22			
23	<b>Regulatory taxable income</b>		<b>3,260</b>
24			
25	<i>less</i> Utilised tax losses		
26	Regulatory net taxable income		3,260
27			
28	Corporate tax rate (%)	28%	
29	<b>Regulatory tax allowance</b>		<b>913</b>

\* Workings to be provided in Schedule 14

**5a(ii): Disclosure of Permanent Differences**

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

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

(\$000)

36	Opening unamortised initial differences in asset values	7,359	
37	<i>less</i> Amortisation of initial differences in asset values	1,048	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired		
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed		
40	Closing unamortised initial differences in asset values		6,311
41			
42	Opening weighted average remaining useful life of relevant assets (years)		7





**SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS**

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

sch ref

		(\$000)	(\$000)
7	<b>5b(i): Summary—Related Party Transactions</b>		
8	Total regulatory income		
9			
10	Market value of asset disposals		
11			
12	Service interruptions and emergencies	-	
13	Vegetation management	-	
14	Routine and corrective maintenance and inspection	-	
15	Asset replacement and renewal (opex)	-	
16	<b>Network opex</b>		-
17	Business support	-	
18	System operations and network support - other	-	
19	Non-network solutions provided by a related party or third party (Not Required before DY2025)	-	Not Required before DY2025
20	<b>Operational expenditure</b>		-
21	Consumer connection	-	
22	System growth	-	
23	Asset replacement and renewal (capex)	-	
24	Asset relocations	-	
25	Quality of supply	-	
26	Legislative and regulatory	-	
27	Other reliability, safety and environment	-	
28	<b>Expenditure on non-network assets</b>		-
29	<b>Expenditure on assets</b>		-
30	Cost of financing		
31	Value of capital contributions		
32	Value of vested assets		
33	<b>Capital Expenditure</b>		-
34	<b>Total expenditure</b>		-
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)
38			
39		[Select one]	
40		[Select one]	
41		[Select one]	
42		[Select one]	
43		[Select one]	
44		[Select one]	
45		[Select one]	
46		[Select one]	
47		[Select one]	
48		[Select one]	
49		[Select one]	
50		[Select one]	
51		[Select one]	
52		[Select one]	
53		[Select one]	
54	<b>Total value of related party transactions</b>		-

\* include additional rows if needed







Company Name **MainPower New Zealand**  
 For Year Ended **31 March 2024**

**SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

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

sch.ref		Value allocated (\$'000s)			
		Armi's length deduction	Electricity distribution services	Non-electricity distribution services	OVABAA allocation increase (\$'000s)
			Total		
7	<b>5d(i): Operating Cost Allocations</b>				
8					
9					
10	<b>Service interruptions and emergencies</b>				
11	Directly attributable		1,265		
12	Not directly attributable				
13	<b>Total attributable to regulated service</b>		1,265		
14					
15	<b>Vegetation management</b>				
16	Directly attributable		1,155		
17	Not directly attributable				
18	<b>Total attributable to regulated service</b>		1,155		
19					
20	<b>Routine and corrective maintenance and inspection</b>				
21	Directly attributable		5,366		
22	Not directly attributable				
23	<b>Total attributable to regulated service</b>		5,366		
24					
25	<b>Asset replacement and renewal</b>				
26	Directly attributable		19		
27	Not directly attributable				
28	<b>Total attributable to regulated service</b>		19		
29					
30	<b>Non-network solutions provided by a related party or third party</b>				
31	Directly attributable				
32	Not directly attributable				
33	<b>Total attributable to regulated service</b>				
34					
35	<b>System operations and network support</b>				
36	Directly attributable		8,897		
37	Not directly attributable		3,706	77	3,783
38	<b>Total attributable to regulated service</b>		12,603		
39					
40	<b>Business support</b>				
41	Directly attributable		2,196		
42	Not directly attributable		2,143	585	2,728
43	<b>Total attributable to regulated service</b>		4,339		
44					
45	<b>Operating costs directly attributable</b>		18,898		
46	<b>Operating costs not directly attributable</b>		5,849	662	6,511
47	<b>Operational expenditure</b>		24,747		
48					

Not required before DY2025



Company Name  
MainPower New Zealand  
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**SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

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

sch ref

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

**Pass through and recoverable costs**

**Pass through costs**

Directly attributable

Not directly attributable

Total attributable to regulated service

**Recoverable costs**

Directly attributable

Not directly attributable

Total attributable to regulated service

(\$'000)

660
660
660

10,267
10,267
10,267

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

**Change in cost allocation 1**

Cost category

Original allocator or line items

New allocator or line items

Rationale for change

(\$'000)

	CY-1	Current Year (CY)
Original allocation		
New allocation		
Difference	-	-

**Change in cost allocation 2**

Cost category

Original allocator or line items

New allocator or line items

Rationale for change

(\$'000)

	CY-1	Current Year (CY)
Original allocation		
New allocation		
Difference	-	-

**Change in cost allocation 3**

Cost category

Original allocator or line items

New allocator or line items

Rationale for change

(\$'000)

	CY-1	Current Year (CY)
Original allocation		
New allocation		
Difference	-	-

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

81  
82  
83

**SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS**

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

sch ref

5e(i): Regulated Service Asset Values		Value allocated (\$000s) Electricity distribution services
7		
8		
9		
10	<b>Subtransmission lines</b>	
11	Directly attributable	22,779
12	Not directly attributable	
13	<b>Total attributable to regulated service</b>	<b>22,779</b>
14	<b>Subtransmission cables</b>	
15	Directly attributable	795
16	Not directly attributable	
17	<b>Total attributable to regulated service</b>	<b>795</b>
18	<b>Zone substations</b>	
19	Directly attributable	38,896
20	Not directly attributable	
21	<b>Total attributable to regulated service</b>	<b>38,896</b>
22	<b>Distribution and LV lines</b>	
23	Directly attributable	85,208
24	Not directly attributable	
25	<b>Total attributable to regulated service</b>	<b>85,208</b>
26	<b>Distribution and LV cables</b>	
27	Directly attributable	68,263
28	Not directly attributable	
29	<b>Total attributable to regulated service</b>	<b>68,263</b>
30	<b>Distribution substations and transformers</b>	
31	Directly attributable	45,638
32	Not directly attributable	
33	<b>Total attributable to regulated service</b>	<b>45,638</b>
34	<b>Distribution switchgear</b>	
35	Directly attributable	14,599
36	Not directly attributable	
37	<b>Total attributable to regulated service</b>	<b>14,599</b>
38	<b>Other network assets</b>	
39	Directly attributable	21,349
40	Not directly attributable	
41	<b>Total attributable to regulated service</b>	<b>21,349</b>
42	<b>Non-network assets</b>	
43	Directly attributable	
44	Not directly attributable	30,333
45	<b>Total attributable to regulated service</b>	<b>30,333</b>
46		
47	<b>Regulated service asset value directly attributable</b>	<b>297,528</b>
48	<b>Regulated service asset value not directly attributable</b>	<b>30,333</b>
49	<b>Total closing RAB value</b>	<b>327,861</b>
50		

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

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





Company Name  
For Year Ended

**MainPower New Zealand**  
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**SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR**

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

sch ref

		(\$000)	(\$000)
7	<b>6a(i): Expenditure on Assets</b>		
8	Consumer connection		11,279
9	System growth		1,442
10	Asset replacement and renewal		13,932
11	Asset relocations		-
12	Reliability, safety and environment:		
13	Quality of supply	651	
14	Legislative and regulatory	458	
15	Other reliability, safety and environment	2,300	
16	<b>Total reliability, safety and environment</b>		3,410
17	<b>Expenditure on network assets</b>		30,063
18	Expenditure on non-network assets		7,204
19			
20	<b>Expenditure on assets</b>		37,267
21	plus Cost of financing		
22	less Value of capital contributions		4,629
23	plus Value of vested assets		
24			
25	<b>Capital expenditure</b>		32,638
26	<b>6a(ii): Subcomponents of Expenditure on Assets (where known)</b>		(\$000)
27	Energy efficiency and demand side management, reduction of energy losses		
28	Overhead to underground conversion		
29	Research and development		
30			
31	<b>6a(iii): Consumer Connection</b>		
32	Consumer types defined by EDB*	(\$000)	(\$000)
33	Residential	7,221	
34	General	3,250	
35	Irrigation	544	
36	Council Pumping	263	
37	[EDB consumer type]		
38	* include additional rows if needed		
39	<b>Consumer connection expenditure</b>		11,279
40			
41	less Capital contributions funding consumer connection expenditure	4,179	
42	<b>Consumer connection less capital contributions</b>		7,099
43	<b>6a(iv): System Growth and Asset Replacement and Renewal</b>		
44			
45			
46	Subtransmission	44	1,656
47	Zone substations	1,101	14
48	Distribution and LV lines	12	7,409
49	Distribution and LV cables	258	1,645
50	Distribution substations and transformers	12	941
51	Distribution switchgear	-	2,121
52	Other network assets	16	146
53	<b>System growth and asset replacement and renewal expenditure</b>	1,442	13,932
54	less Capital contributions funding system growth and asset replacement and renewal		450
55	<b>System growth and asset replacement and renewal less capital contributions</b>	1,442	13,483
56			
57	<b>6a(v): Asset Relocations</b>		
58	Project or programme*	(\$000)	(\$000)
59	[Description of material project or programme]		
60	[Description of material project or programme]		
61	[Description of material project or programme]		
62	[Description of material project or programme]		
63	[Description of material project or programme]		
64	* include additional rows if needed		
65	All other projects or programmes - asset relocations		
66	<b>Asset relocations expenditure</b>		-
67	less Capital contributions funding asset relocations		
68	<b>Asset relocations less capital contributions</b>		-





**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	<b>6a(vi): Quality of Supply</b>			
71	<i>Project or programme*</i>		(\$000)	(\$000)
72	Network Major Projects		178	
73	Network Reinforcement		473	
74	[Description of material project or programme]			
75	[Description of material project or programme]			
76	[Description of material project or programme]			
77	<i>* include additional rows if needed</i>			
78	All other projects programmes - quality of supply			
79	<b>Quality of supply expenditure</b>			651
80	less Capital contributions funding quality of supply			
81	<b>Quality of supply less capital contributions</b>			651
82	<b>6a(vii): Legislative and Regulatory</b>			
83	<i>Project or programme*</i>		(\$000)	(\$000)
84	Right of Use Assets		458	
85	[Description of material project or programme]			
86	[Description of material project or programme]			
87	[Description of material project or programme]			
88	[Description of material project or programme]			
89	<i>* include additional rows if needed</i>			
90	All other projects or programmes - legislative and regulatory			
91	<b>Legislative and regulatory expenditure</b>			458
92	less Capital contributions funding legislative and regulatory			
93	<b>Legislative and regulatory less capital contributions</b>			458
94	<b>6a(viii): Other Reliability, Safety and Environment</b>			
95	<i>Project or programme*</i>		(\$000)	(\$000)
96	Network Major Projects		458	
97	Network Reinforcement		1,843	
98	Network Replacement		(1)	
99	[Description of material project or programme]			
100	[Description of material project or programme]			
101	<i>* include additional rows if needed</i>			
102	All other projects or programmes - other reliability, safety and environment			
103	<b>Other reliability, safety and environment expenditure</b>			2,300
104	less Capital contributions funding other reliability, safety and environment			
105	<b>Other reliability, safety and environment less capital contributions</b>			2,300
106				
107	<b>6a(ix): Non-Network Assets</b>			
108	<b>Routine expenditure</b>			
109	<i>Project or programme*</i>		(\$000)	(\$000)
110	Land & buildings		2,668	
111	Motor Vehicles		3,523	
112	Plant & Equipment		449	
113	Office Furniture & Fittings and Computer Hardware		357	
114	Computer Software		207	
115	<i>* include additional rows if needed</i>			
116	All other projects or programmes - routine expenditure			
117	<b>Routine expenditure</b>			7,204
118	<b>Atypical expenditure</b>			
119	<i>Project or programme*</i>		(\$000)	(\$000)
120	[Description of material project or programme]			
121	[Description of material project or programme]			
122	[Description of material project or programme]			
123	[Description of material project or programme]			
124	[Description of material project or programme]			
125	<i>* include additional rows if needed</i>			
126	All other projects or programmes - atypical expenditure			
127	<b>Atypical expenditure</b>			-
128				
129	<b>Expenditure on non-network assets</b>			7,204





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

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

sch ref

### 6b(i): Operational Expenditure Required for DY2024 and DY2025 only

7					
8	Service interruptions and emergencies			1,265	
9	Vegetation management			1,155	
10	Routine and corrective maintenance and inspection			5,366	
11	Asset replacement and renewal			19	
12	<b>Network opex</b>				7,805
13	Non-network solutions provided by a related party or third party				
14	System operations and network support			12,603	
15	Business support			4,339	
16	<b>Non-network opex</b>				16,942
17					
18	<b>Operational expenditure</b>				24,747

Required for DY2025 only

### 6b(ii): Operational Expenditure Not Required before DY2026

19					
20	Service interruptions and emergencies:				
21	Vegetation-related				
22	Other				
23	<b>Total service interruptions and emergencies</b>				
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	<b>Total vegetation management</b>				
30					
31	Routine and corrective maintenance and inspection:				

Routine and corrective maintenance and inspection:

Company Name  
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MainPower New Zealand  
31 March 2024

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

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

sch ref		
32	Asset replacement and renewal	
33	<b>Network opex</b>	
34	Non-network solutions provided by a related party or third party	-
35	System operations and network support	
36	Business support	
37	<b>Non-network opex</b>	-
38		
39	<b>Operational expenditure</b>	-
40	<b>6b(ii): Subcomponents of Operational Expenditure (where known)</b>	
41	Energy efficiency and demand side management, reduction of energy losses	
42	Direct billing*	
43	Research and development	
44	Insurance	
45		934

\* Direct billing expenditure by suppliers that directly bill the majority of their consumers





Company Name

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31 March 2024

**SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE**

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

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

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

sch ref

		Target (\$000) <sup>1</sup>	Actual (\$000)	% variance
7	<b>7(i): Revenue</b>			
8	Line charge revenue	62,300	60,546	(3%)
9	<b>7(ii): Expenditure on Assets</b>			
10	Consumer connection	6,404	11,279	76%
11	System growth	7,978	1,442	(82%)
12	Asset replacement and renewal	9,145	13,932	52%
13	Asset relocations	-	-	-
14	Reliability, safety and environment:			
15	Quality of supply	1,696	651	(62%)
16	Legislative and regulatory	-	458	-
17	Other reliability, safety and environment	1,666	2,300	38%
18	<b>Total reliability, safety and environment</b>	3,362	3,410	1%
19	Expenditure on network assets	26,888	30,063	12%
20	Expenditure on non-network assets	694	7,204	938%
21	Expenditure on assets	27,582	37,267	35%
22	<b>7(iii): Operational Expenditure</b>			
23	Service interruptions and emergencies	1,067	1,265	19%
24	Vegetation management	1,217	1,155	(5%)
25	Routine and corrective maintenance and inspection	5,810	5,366	(8%)
26	Asset replacement and renewal	-	19	-
27	Network opex	8,094	7,805	(4%)
28	Non-network solutions provided by a related party or third party <i>Not Required before DY2025</i>		-	-
29	System operations and network support	11,388	12,603	11%
30	Business support	5,262	4,339	(18%)
31	Non-network opex	16,649	16,942	2%
32	Operational expenditure	24,743	24,747	0%
33	<b>7(iv): Subcomponents of Expenditure on Assets (where known)</b>			
34	Energy efficiency and demand side management, reduction of energy losses		-	-
35	Overhead to underground conversion		-	-
36	Research and development		-	-
37				
38	<b>7(v): Subcomponents of Operational Expenditure (where known)</b>			
39	Energy efficiency and demand side management, reduction of energy losses		-	-
40	Direct billing		-	-
41	Research and development		-	-
42	Insurance	860	934	9%
43				

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

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

**SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES**

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

sch ref

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

Consumer group name or price category code	Standardised connection types	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	Unit charging basis (eg. days, kW or demand, kVA or capacity, etc.)	Billed quantities by price component			Not Required after D1/2024							
						Price component	Distribution Fixed Charge	Distribution Fixed Rebate/Discount	Transmission Fixed Charge	Distribution Variable Charge	Transmission Variable Charge	Large User Distribution Variable Charge	Large User Transmission Variable Charge	Non Standard Distribution Charge	Non Standard Transmission Charge	Transmission SRAM
							Days	Days	Days	KWh	KWh	KWh	KWh	Fixed	Custom	Custom
All Inclusive Low User MPAILU	Residential	Standard	13,478	77,821		4,928,652	4,928,652	4,928,652	77,821	77,821						
All Inclusive Standard User MPAISTD	Residential	Standard	17,244	175,704		6,250,599	6,250,599	6,250,599	175,704	175,704						
Council Pumping MPCOUNPUMP	Community	Standard	209	13,523		74,913	74,913	74,913	13,523	13,523						
Irrigation MPIRR	Commercial	Standard	1,462	90,893		506,520	506,520	506,520	90,893	90,893						
Non-Residential - Large Users MPLGEUSER	Commercial	Standard	41	56,206		15,707	15,707	15,707			56,206	56,206				
All Inclusive with Night Only Low User MPNILU	Residential	Standard	1,009	5,686		362,414	362,414	362,414	5,686	5,686						
All Inclusive with Night Only Standard User MPNISTD	Residential	Standard	1,547	16,931		564,045	564,045	564,045	16,931	16,931						
Non-Residential MPNDNRES	Commercial	Standard	5,918	130,408		1,963,715	1,963,715	1,963,715	130,408	130,408						
Streetlighting MPSTLOT	Commercial	Standard	110	3,687		39,378	39,378	39,378	3,687	3,687						
Temporary Supply MPTEMP	Commercial	Standard	359	252		36,244	36,244	36,244	252	252						
Uncontrolled Low User MPUCLU	Residential	Standard	1,226	7,352		467,037	467,037	467,037	7,352	7,352						
Uncontrolled Standard User MPUCSTD	Residential	Standard	2,314	23,977		855,652	855,652	855,652	23,977	23,977						
To Be Accrued Consumption as at 19/06/2024	Commercial	Standard	-	1,624		-	-	-	1,624	1,624						
ICPs Direct Supply	Commercial	Non-standard	1	35,570												
Transmission SRAM	All Customers	Standard														
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>																
<b>Standard consumer totals</b>			44,917	604,264		16,064,876	16,064,876	16,064,876	548,058	548,058	56,206	56,206	-	-	-	-
<b>Non-standard consumer totals</b>			1	35,570		-	-	-	-	-	-	-	-	-	-	-
<b>Total for all consumers</b>			44,918	639,834		16,064,876	16,064,876	16,064,876	548,058	548,058	56,206	56,206	-	-	-	-



**SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES**

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

sch ref

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

**Billed quantities by price component**

*Not Required after D1/2024*

Consumer group name or price category code	Standardised connection types	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	Price component Unit charging basis (eg. days, kW of demand, kVA of capacity, etc.)	Distribution Fixed Charge		Transmission Fixed Charge	Distribution Variable Charge		Transmission Variable Charge	Large User Distribution Variable Charge	Large User Transmission Variable Charge	Non Standard Distribution Charge	Non Standard Transmission Charge	Transmission SRAM
						Days	Days	Days	KWh	KWh	KWh	KWh	Fixed	Custom	Custom	
						<i>Not Required after D1/2024</i>										
All Inclusive Low User MPAILU	Residential	Standard	13,478	77,821		4,928,652	4,928,652	4,928,652	77,821	77,821						
All Inclusive Standard User MPAISTD	Residential	Standard	17,244	175,704		6,250,599	6,250,599	6,250,599	175,704	175,704						
Council Pumping MPCOUNPUMP	Community	Standard	209	13,523		74,913	74,913	74,913	13,523	13,523						
Irrigation MPIRR	Commercial	Standard	1,462	90,893		506,520	506,520	506,520	90,893	90,893						
Non-Residential - Large Users MPLGEUSER	Commercial	Standard	41	56,206		15,707	15,707	15,707			56,206	56,206				
All Inclusive with Night Only Low User MPNILU	Residential	Standard	1,009	5,686		362,414	362,414	362,414	5,686	5,686						
All Inclusive with Night Only Standard User MPNISTD	Residential	Standard	1,547	16,931		564,045	564,045	564,045	16,931	16,931						
Non-Residential MPNDNRES	Commercial	Standard	5,918	130,408		1,963,715	1,963,715	1,963,715	130,408	130,408						
Streetlighting MPSTLOT	Commercial	Standard	110	3,687		39,378	39,378	39,378	3,687	3,687						
Temporary Supply MPTEMP	Commercial	Standard	359	252		36,244	36,244	36,244	252	252						
Uncontrolled Low User MPUCLU	Residential	Standard	1,226	7,352		467,037	467,037	467,037	7,352	7,352						
Uncontrolled Standard User MPUCSTD	Residential	Standard	2,314	23,977		855,652	855,652	855,652	23,977	23,977						
To Be Accrued Consumption as at 19/06/2024	Commercial	Standard	-	1,624		-	-	-	1,624	1,624						
ICPs Direct Supply	Commercial	Non-standard	1	35,570												
Transmission SRAM	All Customers	Standard														
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>																
<b>Standard consumer totals</b>			44,917	604,264		16,064,876	16,064,876	16,064,876	548,058	548,058	56,206	56,206	-	-	-	-
<b>Non-standard consumer totals</b>			1	35,570		-	-	-	-	-	-	-	-	-	-	-
<b>Total for all consumers</b>			44,918	639,834		16,064,876	16,064,876	16,064,876	548,058	548,058	56,206	56,206	-	-	-	-

Company Name **MainPower New Zealand**

For Year Ended **31 March 2024**

Network / Sub-network Name

**SCHEDULE 9a: ASSET REGISTER**

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

sch ref

**9a: Asset Register**

	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	9,873	10,162	289	3
9	All	Overhead Line	Wood poles	No.	46,571	46,268	(303)	3
10	All	Overhead Line	Other pole types	No.	-	-	-	N/A
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	386	384	(2)	3
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	4	5	1	3
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	15	15	-	3
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	N/A
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	13	13	-	3
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	N/A
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	42	41	(1)	3
28	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	11	1	(10)	2
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	18	17	(1)	2
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	67	57	(10)	2
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	26	27	1	2
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	25	24	(1)	3
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	3,314	3,313	(1)	2
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
36	HV	Distribution Line	SWER conductor	km	119	117	(2)	2
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	320	330	11	2
38	HV	Distribution Cable	Distribution UG PILC	km	53	53	0	2
39	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	127	132	5	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	38	38	-	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	9,941	9,941	-	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	-	-	-	N/A
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	415	429	14	3
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	7,579	7,676	97	2
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	867	793	(74)	2
47	HV	Distribution Transformer	Voltage regulators	No.	24	24	-	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	880	899	19	3
49	LV	LV Line	LV OH Conductor	km	242	237	(4)	2
50	LV	LV Cable	LV UG Cable	km	762	808	46	2
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	572	558	(14)	2
52	LV	Connections	OH/UG consumer service connections	No.	47,337	45,299	(2,038)	2
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	336	321	(15)	2
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	156	140	(16)	2
55	All	Capacitor Banks	Capacitors including controls	No.	-	-	-	N/A
56	All	Load Control	Centralised plant	Lot	8	8	-	3
57	All	Load Control	Relays	No.	10,904	11,017	113	1
58	All	Civils	Cable Tunnels	km	-	-	-	N/A



SCHEDULE 9B: ASSET AGE PROFILE

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

Age	Asset category	Asset class	Number of assets at disclosure year end by installation date												No. with age unknown	Items at end of year	No. with deficit	Date of expiry																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			1990-1999	2000-2009	2010-2019	2020-2029	2030-2039	2040-2049	2050-2059	2060-2069	2070-2079	2080-2089	2090-2099	2100-2109					2110-2119	2120-2129	2130-2139	2140-2149	2150-2159	2160-2169	2170-2179	2180-2189	2190-2199	2200-2209	2210-2219	2220-2229	2230-2239	2240-2249	2250-2259	2260-2269	2270-2279	2280-2289	2290-2299	2300-2309	2310-2319	2320-2329	2330-2339	2340-2349	2350-2359	2360-2369	2370-2379	2380-2389	2390-2399	2400-2409	2410-2419	2420-2429	2430-2439	2440-2449	2450-2459	2460-2469	2470-2479	2480-2489	2490-2499	2500-2509	2510-2519	2520-2529	2530-2539	2540-2549	2550-2559	2560-2569	2570-2579	2580-2589	2590-2599	2600-2609	2610-2619	2620-2629	2630-2639	2640-2649	2650-2659	2660-2669	2670-2679	2680-2689	2690-2699	2700-2709	2710-2719	2720-2729	2730-2739	2740-2749	2750-2759	2760-2769	2770-2779	2780-2789	2790-2799	2800-2809	2810-2819	2820-2829	2830-2839	2840-2849	2850-2859	2860-2869	2870-2879	2880-2889	2890-2899	2900-2909	2910-2919	2920-2929	2930-2939	2940-2949	2950-2959	2960-2969	2970-2979	2980-2989	2990-2999	3000-3009	3010-3019	3020-3029	3030-3039	3040-3049	3050-3059	3060-3069	3070-3079	3080-3089	3090-3099	3100-3109	3110-3119	3120-3129	3130-3139	3140-3149	3150-3159	3160-3169	3170-3179	3180-3189	3190-3199	3200-3209	3210-3219	3220-3229	3230-3239	3240-3249	3250-3259	3260-3269	3270-3279	3280-3289	3290-3299	3300-3309	3310-3319	3320-3329	3330-3339	3340-3349	3350-3359	3360-3369	3370-3379	3380-3389	3390-3399	3400-3409	3410-3419	3420-3429	3430-3439	3440-3449	3450-3459	3460-3469	3470-3479	3480-3489	3490-3499	3500-3509	3510-3519	3520-3529	3530-3539	3540-3549	3550-3559	3560-3569	3570-3579	3580-3589	3590-3599	3600-3609	3610-3619	3620-3629	3630-3639	3640-3649	3650-3659	3660-3669	3670-3679	3680-3689	3690-3699	3700-3709	3710-3719	3720-3729	3730-3739	3740-3749	3750-3759	3760-3769	3770-3779	3780-3789	3790-3799	3800-3809	3810-3819	3820-3829	3830-3839	3840-3849	3850-3859	3860-3869	3870-3879	3880-3889	3890-3899	3900-3909	3910-3919	3920-3929	3930-3939	3940-3949	3950-3959	3960-3969	3970-3979	3980-3989	3990-3999	4000-4009	4010-4019	4020-4029	4030-4039	4040-4049	4050-4059	4060-4069	4070-4079	4080-4089	4090-4099	4100-4109	4110-4119	4120-4129	4130-4139	4140-4149	4150-4159	4160-4169	4170-4179	4180-4189	4190-4199	4200-4209	4210-4219	4220-4229	4230-4239	4240-4249	4250-4259	4260-4269	4270-4279	4280-4289	4290-4299	4300-4309	4310-4319	4320-4329	4330-4339	4340-4349	4350-4359	4360-4369	4370-4379	4380-4389	4390-4399	4400-4409	4410-4419	4420-4429	4430-4439	4440-4449	4450-4459	4460-4469	4470-4479	4480-4489	4490-4499	4500-4509	4510-4519	4520-4529	4530-4539	4540-4549	4550-4559	4560-4569	4570-4579	4580-4589	4590-4599	4600-4609	4610-4619	4620-4629	4630-4639	4640-4649	4650-4659	4660-4669	4670-4679	4680-4689	4690-4699	4700-4709	4710-4719	4720-4729	4730-4739	4740-4749	4750-4759	4760-4769	4770-4779	4780-4789	4790-4799	4800-4809	4810-4819	4820-4829	4830-4839	4840-4849	4850-4859	4860-4869	4870-4879	4880-4889	4890-4899	4900-4909	4910-4919	4920-4929	4930-4939	4940-4949	4950-4959	4960-4969	4970-4979	4980-4989	4990-4999	5000-5009	5010-5019	5020-5029	5030-5039	5040-5049	5050-5059	5060-5069	5070-5079	5080-5089	5090-5099	5100-5109	5110-5119	5120-5129	5130-5139	5140-5149	5150-5159	5160-5169	5170-5179	5180-5189	5190-5199	5200-5209	5210-5219	5220-5229	5230-5239	5240-5249	5250-5259	5260-5269	5270-5279	5280-5289	5290-5299	5300-5309	5310-5319	5320-5329	5330-5339	5340-5349	5350-5359	5360-5369	5370-5379	5380-5389	5390-5399	5400-5409	5410-5419	5420-5429	5430-5439	5440-5449	5450-5459	5460-5469	5470-5479	5480-5489	5490-5499	5500-5509	5510-5519	5520-5529	5530-5539	5540-5549	5550-5559	5560-5569	5570-5579	5580-5589	5590-5599	5600-5609	5610-5619	5620-5629	5630-5639	5640-5649	5650-5659	5660-5669	5670-5679	5680-5689	5690-5699	5700-5709	5710-5719	5720-5729	5730-5739	5740-5749	5750-5759	5760-5769	5770-5779	5780-5789	5790-5799	5800-5809	5810-5819	5820-5829	5830-5839	5840-5849	5850-5859	5860-5869	5870-5879	5880-5889	5890-5899	5900-5909	5910-5919	5920-5929	5930-5939	5940-5949	5950-5959	5960-5969	5970-5979	5980-5989	5990-5999	6000-6009	6010-6019	6020-6029	6030-6039	6040-6049	6050-6059	6060-6069	6070-6079	6080-6089	6090-6099	6100-6109	6110-6119	6120-6129	6130-6139	6140-6149	6150-6159	6160-6169	6170-6179	6180-6189	6190-6199	6200-6209	6210-6219	6220-6229	6230-6239	6240-6249	6250-6259	6260-6269	6270-6279	6280-6289	6290-6299	6300-6309	6310-6319	6320-6329	6330-6339	6340-6349	6350-6359	6360-6369	6370-6379	6380-6389	6390-6399	6400-6409	6410-6419	6420-6429	6430-6439	6440-6449	6450-6459	6460-6469	6470-6479	6480-6489	6490-6499	6500-6509	6510-6519	6520-6529	6530-6539	6540-6549	6550-6559	6560-6569	6570-6579	6580-6589	6590-6599	6600-6609	6610-6619	6620-6629	6630-6639	6640-6649	6650-6659	6660-6669	6670-6679	6680-6689	6690-6699	6700-6709	6710-6719	6720-6729	6730-6739	6740-6749	6750-6759	6760-6769	6770-6779	6780-6789	6790-6799	6800-6809	6810-6819	6820-6829	6830-6839	6840-6849	6850-6859	6860-6869	6870-6879	6880-6889	6890-6899	6900-6909	6910-6919	6920-6929	6930-6939	6940-6949	6950-6959	6960-6969	6970-6979	6980-6989	6990-6999	7000-7009	7010-7019	7020-7029	7030-7039	7040-7049	7050-7059	7060-7069	7070-7079	7080-7089	7090-7099	7100-7109	7110-7119	7120-7129	7130-7139	7140-7149	7150-7159	7160-7169	7170-7179	7180-7189	7190-7199	7200-7209	7210-7219	7220-7229	7230-7239	7240-7249	7250-7259	7260-7269	7270-7279	7280-7289	7290-7299	7300-7309	7310-7319	7320-7329	7330-7339	7340-7349	7350-7359	7360-7369	7370-7379	7380-7389	7390-7399	7400-7409	7410-7419	7420-7429	7430-7439	7440-7449	7450-7459	7460-7469	7470-7479	7480-7489	7490-7499	7500-7509	7510-7519	7520-7529	7530-7539	7540-7549	7550-7559	7560-7569	7570-7579	7580-7589	7590-7599	7600-7609	7610-7619	7620-7629	7630-7639	7640-7649	7650-7659	7660-7669	7670-7679	7680-7689	7690-7699	7700-7709	7710-7719	7720-7729	7730-7739	7740-7749	7750-7759	7760-7769	7770-7779	7780-7789	7790-7799	7800-7809	7810-7819	7820-7829	7830-7839	7840-7849	7850-7859	7860-7869	7870-7879	7880-7889	7890-7899	7900-7909	7910-7919	7920-7929	7930-7939	7940-7949	7950-7959	7960-7969	7970-7979	7980-7989	7990-7999	8000-8009	8010-8019	8020-8029	8030-8039	8040-8049	8050-8059	8060-8069	8070-8079	8080-8089	8090-8099	8100-8109	8110-8119	8120-8129	8130-8139	8140-8149	8150-8159	8160-8169	8170-8179	8180-8189	8190-8199	8200-8209	8210-8219	8220-8229	8230-8239	8240-8249	8250-8259	8260-8269	8270-8279	8280-8289	8290-8299	8300-8309	8310-8319	8320-8329	8330-8339	8340-8349	8350-8359	8360-8369	8370-8379	8380-8389	8390-8399	8400-8409	8410-8419	8420-8429	8430-8439	8440-8449	8450-8459	8460-8469	8470-8479	8480-8489	8490-8499	8500-8509	8510-8519	8520-8529	8530-8539	8540-8549	8550-8559	8560-8569	8570-8579	8580-8589	8590-8599	8600-8609	8610-8619	8620-8629	8630-8639	8640-8649	8650-8659	8660-8669	8670-8679	8680-8689	8690-8699	8700-8709	8710-8719	8720-8729	8730-8739	8740-8749	8750-8759	8760-8769	8770-8779	8780-8789	8790-8799	8800-8809	8810-8819	8820-8829	8830-8839	8840-8849	8850-8859	8860-8869	8870-8879	8880-8889	8890-8899	8900-8909	8910-8919	8920-8929	8930-8939	8940-8949	8950-8959	8960-8969	8970-8979	8980-8989	8990-8999	9000-9009	9010-9019	9020-9029	9030-9039	9040-9049	9050-9059	9060-9069	9070-9079	9080-9089	9090-9099	9100-9109	9110-9119	9120-9129	9130-9139	9140-9149	9150-9159	9160-9169	9170-9179	9180-9189	9190-9199	9200-9209	9210-9219	9220-9229	9230-9239	9240-9249	9250-9259	9260-9269	9270-9279	9280-9289	9290-9299	9300-9309	9310-9319	9320-9329	9330-9339	9340-9349	9350-9359	9360-9369	9370-9379	9380-9389	9390-9399	9400-9409	9410-9419	9420-9429	9430-9439	9440-9449	9450-9459	9460-9469	9470-9479	9480-9489	9490-9499	9500-9509	9510-9519	9520-9529	9530-9539	9540-9549	9550-9559	9560-9569	9570-9579	9580-9589	9590-9599	9600-9609	9610-9619	9620-9629	9630-9639	9640-9649	9650-9659	9660-9669	9670-9679	9680-9689	9690-9699	9700-9709	9710-9719	9720-9729	9730-9739	9740-9749	9750-9759	9760-9769	9770-9779	9780-9789	9790-9799	9800-9809	9810-9819	9820-9829	9830-9839	9840-9849	9850-9859	9860-9869	9870-9879	9880-9889	9890-9899	9900-9909	9910-9919



Company Name **MainPower New Zealand**

For Year Ended **31 March 2024**

Network / Sub-network Name

**SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES**

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

sch ref

**9c: Overhead Lines and Underground Cables**

**Circuit length by operating voltage (at year end)**

	Overhead (km)	Underground (km)	Total circuit length (km)
> 66kV			–
50kV & 66kV	223	1	224
33kV	160	4	164
SWER (all SWER voltages)	117	2	119
22kV (other than SWER)	965	69	1,034
6.6kV to 11kV (inclusive—other than SWER)	2,349	315	2,664
Low voltage (< 1kV)	240	788	1,029
<b>Total circuit length (for supply)</b>	<b>4,055</b>	<b>1,179</b>	<b>5,234</b>
Dedicated street lighting circuit length (km)	63	526	588
Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			

**Overhead circuit length by terrain (at year end)**

	Circuit length (km)	(% of total overhead length)
Urban	48	1%
Rural	2,434	60%
Remote only	1,444	36%
Rugged only	129	3%
Remote and rugged		–
Unallocated overhead lines		–
<b>Total overhead length</b>	<b>4,055</b>	<b>100%</b>

Length of circuit within 10km of coastline or geothermal areas (where known)

Circuit length (km)	(% of total circuit length)
2,359	45%

Overhead circuit requiring vegetation management

Circuit length (km)	(% of total overhead length)
3,774	93%

*Not required after DY2025*

Number of overhead circuit sites at high risk from vegetation damage

Total newly identified throughout the disclosure year	Total remaining at high risk at the disclosure year-end
	–

*Not required before DY2026*

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

Category of overhead circuit site	Number of overhead circuit sites at high risk from vegetation damage at disclosure year-end	Number of overhead circuit sites involving critical assets at disclosure year-end
[Single tree]		
[Single tree - Urban]		
[Single tree - Rural]		
[Row of trees]		
[Span between two poles (X metres)]		
[Other]		
<b>Total number of sites</b>	–	–

*Not required before DY2026*  
*Not required before DY2026*  
*Not required before DY2026*  
*Not required before DY2026*  
*Not required before DY2026*  
*Not required before DY2026*

\* Insert new rows in table above Total line as necessary





Company Name

MainPower New Zealand

For Year Ended

31 March 2024

Network / Sub-network Name

**SCHEDULE 9e: REPORT ON NETWORK DEMAND**

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

sch ref

**9e(i): Consumer Connections and Decommissionings**

Number of ICPs connected during year by consumer type

Consumer types defined by EDB\*

Residential
General
Irrigation
Council Pumping
Streetlight

Number of connections (ICPs)

834
52
4
2
1

\* include additional rows if needed

Connections total

893

Number of ICPs decommissioned during year by consumer type

Consumer types defined by EDB\*

Residential
General
Irrigation
Council Pumping
Streetlight

Number of decommissionings

53
32
9
1
1

\* include additional rows if needed

Decommissionings total

96

**Distributed generation**

Number of connections made in year

407

connections

Capacity of distributed generation installed in year

2.43

MVA

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

GXP demand

116

plus Distributed generation output at HV and above

2

Maximum coincident system demand

117

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

Demand on system for supply to consumers' connection points

117

Demand at time of maximum coincident demand (MW)

**Electricity volumes carried**

Electricity supplied from GXPs

653

less Electricity exports to GXPs

plus Electricity supplied from distributed generation

25

less Net electricity supplied to (from) other EDBs

Electricity entering system for supply to consumers' connection points

678

less Total energy delivered to ICPs

640

Electricity losses (loss ratio)

38

5.6%

Load factor

0.66

**9e(iii): Transformer Capacity**

Distribution transformer capacity (EDB owned)

661

Distribution transformer capacity (Non-EDB owned)

11

Total distribution transformer capacity

672

(MVA)

Zone substation transformer capacity (EDB owned)

145

Zone substation transformer capacity (Non-EDB owned)

Total zone substation transformer capacity

145

(MVA)



Company Name	MainPower New Zealand
For Year Ended	31 March 2024
Network / Sub-network Name	

**SCHEDULE 10: REPORT ON NETWORK RELIABILITY**

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

sch ref

8 **10(i): Interruptions**

9 **Interruptions by class**

	Number of Interruptions
10 Class A (planned interruptions by Transpower)	
11 Class B (planned interruptions on the network)	578
12 Class C (unplanned interruptions on the network)	1,074
13 Class D (unplanned interruptions by Transpower)	
14 Class E (unplanned interruptions of EDB owned generation)	
15 Class F (unplanned interruptions of generation owned by others)	
16 Class G (unplanned interruptions caused by another disclosing entity)	
17 Class H (planned interruptions caused by another disclosing entity)	
18 Class I (interruptions caused by parties not included above)	
19 <b>Total</b>	1,652

21 **Interruption restoration**

	≤3Hrs	>3hrs
22 Class C interruptions restored within	657	417

24 **SAIFI and SAIDI by class**

	SAIFI	SAIDI
25 Class A (planned interruptions by Transpower)		
26 Class B (planned interruptions on the network)	0.35	126.1
27 Class C (unplanned interruptions on the network)	2.53	811.2
28 Class D (unplanned interruptions by Transpower)		
29 Class E (unplanned interruptions of EDB owned generation)		
30 Class F (unplanned interruptions of generation owned by others)		
31 Class G (unplanned interruptions caused by another disclosing entity)		
32 Class H (planned interruptions caused by another disclosing entity)		
33 Class I (interruptions caused by parties not included above)		
34 <b>Total</b>	2.88	937.3

36 **Normalised SAIFI and SAIDI**

	Normalised SAIFI	Normalised SAIDI
37 Classes B & C (interruptions on the network)	2.05	303.3

Not required after DY2024

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

	SAIFI	SAIDI
40 Class B (planned interruptions on the network)		
41 Class C (unplanned interruptions on the network)		

42  
43 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.



**SCHEDULE 10: REPORT ON NETWORK RELIABILITY**

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

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

Cause	SAIFI	SAIDI	
Lightning	0.07	2.5	
Vegetation	0.16	9.4	
Adverse weather	0.97	642.1	
Adverse environment	0.06	20.9	
Third party interference	0.21	20.8	
Wildlife	0.30	51.8	
Human error	0.08	0.7	
Defective equipment	0.30	25.5	
Cause unknown	0.39	37.6	Not required after DY2024
Other cause			Not required before DY2025
Unknown			Not required before DY2025
<b>Breakdown of third party interference</b>			
	SAIFI	SAIDI	
Dig-in	-	-	
Overhead contact	0.06	5.6	
Vandalism	0.03	1.7	
Vehicle damage	0.10	13.1	
Other	0.01	0.4	
<b>Breakdown of vegetation interruptions (vegetation cause)</b>			
	SAIFI	SAIDI	
In-zone			Not required before DY2026
Out-of-zone			Not required before DY2026

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.00	0.0
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	0.30	105.5
Distribution cables (excluding LV)	0.05	18.9
Distribution other (excluding LV)	0.00	1.6

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.80	295.7
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	1.62	503.1
Distribution cables (excluding LV)	0.10	11.4
Distribution other (excluding LV)	0.01	1.1

**10(v): Fault Rate**

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	82	383	21.40
Subtransmission cables	-	5	-
Subtransmission other	-	-	-
Distribution lines (excluding LV)	963	3,432	28.06
Distribution cables (excluding LV)	24	386	6.22
Distribution other (excluding LV)	5	-	-
<b>Total</b>	<b>1,074</b>		





**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 IO determination), and so is subject to the assurance report required by section 2.8.

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**10(vi): Worst-performing feeders (unplanned)** *Not required before DY2025*

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

\* Extend table as necessary to disclose all worst-performing feeders

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

\* Extend table as necessary to disclose all worst-performing feeders

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

\* Extend table as necessary to disclose all worst-performing feeders



## Table of Contents

Schedule	Schedule name
5f	<a href="#">REPORT SUPPORTING COST ALLOCATIONS</a>
5g	<a href="#">REPORT SUPPORTING ASSET ALLOCATIONS</a>
5h	<a href="#">REPORT ON CYBERSECURITY EXPENDITURE</a>



**Disclosure Template Instructions**

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

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

***Instructions for completing schedules 5f & 5g***

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

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

***Company Name and Dates***

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

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

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

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

***Data Entry Cells and Calculated Cells***

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

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

***Validation Settings on Data Entry Cells***

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

***Inserting Additional Rows***

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

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

Company Name  
For Year Ended

MainPower New Zealand Ltd  
31 March 2024

**SCHEDULE 5f: REPORT SUPPORTING COST ALLOCATIONS**

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5d (Cost allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.

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

Line Item*	Allocation methodology type e.g. ABAA	Cost allocator	Allocator Metric (%)		Value allocated (\$000)			OVABAA allocation increase (\$000)
			Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	
7								
8								
9								
10								
11								
12	Insert cost description	e.g. ABAA	Allocator 1	[Select one]				
13	Insert cost description	e.g. ABAA	Allocator 2	[Select one]				
14	Insert cost description	e.g. ABAA	Allocator 3	[Select one]				
15	Insert cost description	e.g. ABAA	Allocator 4	[Select one]				
16	Not directly attributable							
17	<b>Service interruptions and emergencies</b>							
18	Insert cost description	e.g. ABAA	Allocator 1	[Select one]				
19	Insert cost description	e.g. ABAA	Allocator 2	[Select one]				
20	Insert cost description	e.g. ABAA	Allocator 3	[Select one]				
21	Insert cost description	e.g. ABAA	Allocator 4	[Select one]				
22	Not directly attributable							
23	<b>Vegetation management</b>							
24	Insert cost description	e.g. ABAA	Allocator 1	[Select one]				
25	Insert cost description	e.g. ABAA	Allocator 2	[Select one]				
26	Insert cost description	e.g. ABAA	Allocator 3	[Select one]				
27	Insert cost description	e.g. ABAA	Allocator 4	[Select one]				
28	Not directly attributable							
29	<b>Routine and corrective maintenance and inspection</b>							
30	Insert cost description	e.g. ABAA	Allocator 1	[Select one]				
31	Insert cost description	e.g. ABAA	Allocator 2	[Select one]				
32	Insert cost description	e.g. ABAA	Allocator 3	[Select one]				
33	Insert cost description	e.g. ABAA	Allocator 4	[Select one]				
34	Not directly attributable							
35	<b>Asset replacement and renewal</b>							
36	Insert cost description	e.g. ABAA	Allocator 1	[Select one]				
37	Insert cost description	e.g. ABAA	Allocator 2	[Select one]				
38	Insert cost description	e.g. ABAA	Allocator 3	[Select one]				
39	Insert cost description	e.g. ABAA	Allocator 4	[Select one]				
40	Not directly attributable							





Company Name  
For Year Ended

MainPower New Zealand Ltd  
31 March 2024

**SCHEDULE 5f: REPORT SUPPORTING COST ALLOCATIONS**

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5d (Cost allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.  
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

Non-network solutions provided by a related party or third party <i>Not required before D/2025</i>											
sch ref	Insert cost description	e.g. ABAA	Allocator 1	[Select one]	Proxy	FTE	97.47%	2.53%	2,718	71	2,788
	Insert cost description	e.g. ABAA	Allocator 2	[Select one]	Proxy	FTE	99.69%	0.31%	90	0	90
	Insert cost description	e.g. ABAA	Allocator 3	[Select one]	Proxy	FTE	99.29%	0.71%	898	6	904
	Insert cost description	e.g. ABAA	Allocator 4	[Select one]	[Select one]				3,705	77	3,783
Not directly attributable											
System operations and network support											
42	Network Strategy and Planning	ABAA	FTE	Proxy					2,718	71	2,788
43	Safety and Business Risk	ABAA	FTE	Proxy					90	0	90
44	Information Technology	ABAA	FTE	Proxy					898	6	904
45	Insert cost description	e.g. ABAA	Allocator 4	[Select one]							
46											
47									3,705	77	3,783
48											
Business support											
49	Customer and Corporate Relations	ABAA	FTE	Proxy							
50	Commercial	ABAA	FTE	Proxy			72.37%	27.63%	933	356	1,289
51	Network Strategy and Planning	ABAA	FTE	Proxy			96.21%	1.79%	0	0	0
52	Facilities Management	ABAA	Area	Proxy							
53	Finance	ABAA	FTE	Proxy			44.04%	55.96%	118	150	269
54	Chief Executive Office	ABAA	FTE	Proxy			94.68%	5.32%	1,386	78	1,464
55	People and Culture	ABAA	FTE	Proxy					[294]		[294]
56	Department costs attributable to External Trading	ABAA	FTE	Proxy			100.00%				
57	Insert cost description	e.g. ABAA	Allocator 4	[Select one]					2,143	585	2,728
58											
59											
60											
61									5,849	662	6,510
62											
Operating costs not directly attributable											
Pass through and recoverable costs											
Pass through costs											
63	Insert cost description	e.g. ABAA	Allocator 1	[Select one]							
64	Insert cost description	e.g. ABAA	Allocator 2	[Select one]							
65	Insert cost description	e.g. ABAA	Allocator 3	[Select one]							
66	Insert cost description	e.g. ABAA	Allocator 4	[Select one]							
67											
68											
Not directly attributable											
Recoverable costs											
69	Insert cost description	e.g. ABAA	Allocator 1	[Select one]							
70	Insert cost description	e.g. ABAA	Allocator 2	[Select one]							
71	Insert cost description	e.g. ABAA	Allocator 3	[Select one]							
72	Insert cost description	e.g. ABAA	Allocator 4	[Select one]							
73											
74											
75											

\* include additional rows if needed





Company Name  
MainPower New Zealand Ltd  
For Year Ended  
31 March 2024

**SCHEDULE 5g: REPORT SUPPORTING ASSET ALLOCATIONS**

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5e (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.  
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	Line Item*	Allocation methodology type	Allocator	Allocator type	Allocator Metric (%)		Value allocated (\$'000)			OVABAA allocation increase (\$'000)
					Electricity distribution services	Non-electricity distribution services	Electricity distribution services	Non-electricity distribution services	Arm's length deduction	
7										
8										
9										
10										
11										
12	Subtransmission lines									
13	Insert asset description	e.g. ABAA	Allocator 1	[Select one]						
14	Insert asset description	e.g. ABAA	Allocator 2	[Select one]						
15	Insert asset description	e.g. ABAA	Allocator 3	[Select one]						
16	Insert asset description	e.g. ABAA	Allocator 4	[Select one]						
17	Not directly attributable									
18	Subtransmission cables									
19	Insert asset description	e.g. ABAA	Allocator 1	[Select one]						
20	Insert asset description	e.g. ABAA	Allocator 2	[Select one]						
21	Insert asset description	e.g. ABAA	Allocator 3	[Select one]						
22	Insert asset description	e.g. ABAA	Allocator 4	[Select one]						
23	Not directly attributable									
24	Zone substations									
25	Insert asset description	e.g. ABAA	Allocator 1	[Select one]						
26	Insert asset description	e.g. ABAA	Allocator 2	[Select one]						
27	Insert asset description	e.g. ABAA	Allocator 3	[Select one]						
28	Insert asset description	e.g. ABAA	Allocator 4	[Select one]						
29	Not directly attributable									
30	Distribution and LV lines									
31	Insert asset description	e.g. ABAA	Allocator 1	[Select one]						
32	Insert asset description	e.g. ABAA	Allocator 2	[Select one]						
33	Insert asset description	e.g. ABAA	Allocator 3	[Select one]						
34	Insert asset description	e.g. ABAA	Allocator 4	[Select one]						
	Not directly attributable									





**SCHEDULE 5g: REPORT SUPPORTING ASSET ALLOCATIONS**

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5e (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.  
This information is part of audited disclosure information (as defined in section 1.4 of this ID determination), and so is subject to the assurance report required by section 2.8.

sch.ref

35	<b>Distribution and LV cables</b>												
36	Insert asset description	e.g. ABAA	Allocator 1	[Select one]									
37	Insert asset description	e.g. ABAA	Allocator 2	[Select one]									
38	Insert asset description	e.g. ABAA	Allocator 3	[Select one]									
39	Insert asset description	e.g. ABAA	Allocator 4	[Select one]									
40	Not directly attributable												
41													
42	<b>Distribution substations and transformers</b>												
43	Insert asset description	e.g. ABAA	Allocator 1	[Select one]									
44	Insert asset description	e.g. ABAA	Allocator 2	[Select one]									
45	Insert asset description	e.g. ABAA	Allocator 3	[Select one]									
46	Insert asset description	e.g. ABAA	Allocator 4	[Select one]									
47	Not directly attributable												
48													
49	<b>Distribution switchgear</b>												
50	Insert asset description	e.g. ABAA	Allocator 1	[Select one]									
51	Insert asset description	e.g. ABAA	Allocator 2	[Select one]									
52	Insert asset description	e.g. ABAA	Allocator 3	[Select one]									
53	Insert asset description	e.g. ABAA	Allocator 4	[Select one]									
54	Not directly attributable												
55	<b>Other network assets</b>												
56	Insert asset description	e.g. ABAA	Allocator 1	[Select one]									
57	Insert asset description	e.g. ABAA	Allocator 2	[Select one]									
58	Insert asset description	e.g. ABAA	Allocator 3	[Select one]									
59	Insert asset description	e.g. ABAA	Allocator 4	[Select one]									
60	Not directly attributable												
61	<b>Non-network assets</b>												
62	Land	ABAA	Area then Revenue	Proxy	98.69%	1.31%	8,074	107	8,181				
63	Buildings	ABAA	Area then Revenue	Proxy	99.46%	0.54%	16,028	87	16,115				
64	Motor Vehicles	ABAA	FTE then Revenue	Proxy	94.27%	5.73%	3,270	199	3,469				
65	Plant & Equipment	ABAA	Revenue	Proxy	98.29%	1.71%	1,455	25	1,481				
66	Office Furniture & Fittings	ABAA	FTE then Revenue	Proxy	93.16%	6.84%	169	12	181				
67	Computer Hardware	ABAA	FTE then Revenue	Proxy	94.74%	5.26%	440	24	464				
68	Computer Software	ABAA	FTE then Revenue	Proxy	97.67%	2.33%	896	21	918				
69	Insert asset description	e.g. ABAA	Allocator 4	[Select one]			30,333	476	30,809				
70	Not directly attributable												
71													
72	Regulated service asset value not directly attributable												
73	* Include additional rows if needed												



Company Name  
 For Year Ended  
**MainPower New Zealand Ltd**  
**31 March 2024**

**SCHEDULE 5h: REPORT ON CYBERSECURITY EXPENDITURE**

This schedule requires details on the cybersecurity expenditure for various categories. This schedule is not required to be publicly disclosed, but must be disclosed to the Commission. 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

**5h(i): Actual Expenditure Capex (where known)**

Cybersecurity (Commission only)

—

**5h(ii): Actual Expenditure Opex (where known)**

Cybersecurity (Commission only)

144

**5h(iii): Actual vs Forecast (where known)**

Cybersecurity (Commission only)

Target (\$000)	Actual (\$000)	% variance
—	144	—

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Company Name MainPower New Zealand Limited

For Year Ended 31-03-2024

## Schedule 14 Mandatory Explanatory Notes

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

1. This schedule requires EDBs to provide explanatory notes to information provided in accordance with clauses 2.3.1, 2.4.21, 2.4.22 and subclauses 2.5.1(f), and 2.5.2(1)(e).
2. This schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause **Error! Reference source not found.** 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**

MainPower's Post Tax ROI of 4.50% is lower than both the 6.05% mid-point and 5.37% 25th% percentile estimates provided by the Commerce Commission. This is in part due to a strategic decision not to pass on all operating cost increases to customers, and continuing high investment in the network both for maintenance and replacement works.

Line charge revenue was 2.8% lower than the estimated target revenue published in the Pricing Methodology, but up on the prior year.

Expenditure on assets was significantly higher than predicted (35%) due to strong customer demand for new connections, higher costs associated with supply chain restrictions, and strategic purchases of land and plant.

Operational expenditure was on par with the forecast.



*Regulatory Profit (Schedule 3)*

5. In the box below, comment on regulatory profit for the disclosure year as disclosed in Schedule 3. This comment must include-
- 5.1 a description of material items included in other regulated income (other than gains / (losses) on asset disposals), as disclosed in 3(i) of Schedule 3
  - 5.2 information on reclassified items in accordance with subclause 2.7.1(2).

**Box 2: Explanatory comment on regulatory profit**

Regulatory profit before tax is \$16.9m compared to \$22.2m in FY2023. The main area of fluctuation year-on year was lower CPI RAB revaluations of \$6.5m due to lower CPI than FY23. This was partially offset by increased lines revenue (\$5.0m) due to the impact of CPI on the RAB and network expenditure. Other movements include higher operational expenditure (\$3.9m), lower pass-through costs (\$1.3m), and increased depreciation (\$0.6m).

Other regulated income (other than gains/losses on asset disposals) is comprised of interest revenue on MainPower's self-insurance fund and revenue relating to sundry network charges for capacity upgrades and connection fees.

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

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

**Box 3: Explanatory comment on merger and acquisition expenditure**

Not applicable.

*Value of the Regulatory Asset Base (Schedule 4)*

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





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

Of the capital expenditure (net of capital contributions) on the RAB of \$32.6m, \$10.4m remains in works under construction resulting in additions to the RAB of \$30.8m (\$8.6m of which was in opening works under construction).

Depreciation and disposals for the year totalled \$21.1m (FY2023: \$18.7m) and revaluations were \$12.3m (FY2022: \$18.8m).

Adjustments resulting for asset allocation were \$476k (FY2023: \$239k).

The value of the unallocated RAB increased by \$22.2m to \$332.0m (FY2023: \$309.8m), whereas due to the reduction from the asset allocation the allocated RAB increased by \$21.6m to \$327.9m (FY2023: \$306.3m).

Right-of-Use assets of \$4.8m is included in the above RAB closing balances (FY2023: \$2.2m).

There were no items reclassified or any changes in the accounting treatment of expenditure from those adopted last year.

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

8. In the box below, provide descriptions and workings of the material items recorded in the following asterisked categories of 5a(i) of Schedule 5a-

- 8.1 Income not included in regulatory profit / (loss) before tax but taxable;
- 8.2 Expenditure or loss in regulatory profit / (loss) before tax but not deductible;
- 8.3 Income included in regulatory profit / (loss) before tax but not taxable;
- 8.4 Expenditure or loss deductible but not in regulatory profit / (loss) before tax.

**Box 5: Regulatory tax allowance: permanent differences**

There are no permanent differences in the tax calculation.

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

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

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

Temporary differences of \$121k related to \$45k for movements in Employee Entitlement Provisions, \$43k for movements in ROU assets and associated lease liabilities, and \$33k for movements in Other Provisions.

*Cost allocation (Schedule 5d)*

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

**Box 7: Cost allocation**

Operating costs were allocated using the Accounting based allocation approach (ABAA).

Costs of \$662k have been allocated to Non-electricity distribution services in FY2024.

There were not any items reclassified or any changes in the accounting treatment of expenditure from those adopted last year.

*Asset allocation (Schedule 5e)*

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

**Box 8: Commentary on asset allocation**

Asset costs were allocated using the Accounting based allocation approach (ABAA).

Asset costs of \$476k have been allocated to Non-electricity distribution services in FY2024.

There were not any items reclassified or any changes in the accounting treatment of expenditure from those adopted last year.

*Capital Expenditure for the Disclosure Year (Schedule 6a)*

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





**Box 9: Explanation of capital expenditure for the disclosure year**

Capital expenditure of \$32.6m net of capital contributions was made up of \$25.4m on Network assets and \$7.2m on Non-network assets.

With regard to 12.1 above, the materiality threshold MainPower has applied is identified projects that form part of the AMP forecasts, where the expenditure reclassification is greater than \$50k.

No items were reclassified nor have there been any changes in the accounting treatment of expenditure from that adopted last year.

*Operational Expenditure for the Disclosure Year (Schedule 6b)*

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

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

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

13.3 Commentary on any material atypical expenditure included in operational expenditure disclosed in Schedule 6b, 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**

Operating expenditure of \$24.7m was made up of \$7.8m on the network, \$12.6m on System operating and network support and \$4.3m on Business support.

Expenditure on Service Interruptions and Emergencies exceeded planned expenditure due to a number of severe weather events, but vegetation management was below plan, resulting in a marginal increase in expenditure in network opex. Non-network operating expenditure was in accordance with plan.

No items were reclassified nor have there been any changes in the accounting treatment of expenditure from that adopted last year.

*Variance between forecast and actual expenditure (Schedule 7)*

14. In the box below, comment on variance in actual to forecast expenditure for the disclosure year, as reported in Schedule 7. This comment must include information on reclassified items in accordance with subclause 2.7.1(2)**Error! Reference source not found..**



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

Capital expenditure on Network assets of \$30.1m was 12% above forecast of \$26.9m, which is explained as follows:

- Consumer connections accounted for a variance of \$4.9m due to cost increases above forecast to support connection of subdivisions and new residential connections in North Canterbury.
- System growth expenditure was below forecast due to early works and design phase of the zone substation projects taking longer than expected and resulting delays in the commencement of construction.
- Higher Asset Replacement and Renewal expenditure, which was 52% above forecast.

Network and non-network capital expenditure combined was greater than the FY2023 AMP forecast due to the factors described above plus some strategic decisions to acquire non-network assets.

Network operational expenditure was in accordance with forecast expenditure, but expenditure on Service Interruptions and Emergencies was above plan due to weather related faults.

Non-network operating expenditure was in accordance with forecast expenditure.

Insurance costs were 9% greater than forecast.

No items were reclassified nor have there been any changes in the accounting treatment of expenditure from that adopted last year.



*Information relating to revenues and quantities for the disclosure year*

15. In the box below provide-

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

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

Lines revenue for the year of \$60.5m was marginally lower than the target of \$62.3m, although greater than the revenue for 2022/23 of \$55.5m.

The difference between target revenue and actual lines revenue is not considered to be material.



*Network Reliability for the Disclosure Year (Schedule 10)*

16. In the box below, comment on network reliability for the disclosure year, as disclosed in Schedule 10.

**Box 13: Commentary on network reliability for the disclosure year**

Network reliability measurements for FY2024 were calculated using the ADMS system and Tableau BI tool to develop the reporting. Successive interruptions for FY2024 have been treated in the same way as they were for FY2023.

10(i): The number of planned interruptions decreased in the FY2024 reporting period. This was due to better scheduling and delivery of our AMP work program that resulted in better targeted interruptions for our customers. However, the number of unplanned interruptions increased significantly during the reporting period due to adverse weather events. Planned system average interruption duration decreased compared to the last reporting period in line with better scheduling and delivery of the AMP work program.

10(ii): Improvements in the planning and delivery of our asset management program resulted in a continued decrease in Class B SAIFI. Class C SAIFI and SAIDI outages are weighted towards adverse weather-related events and wildlife incidents. The FY2024 SAIDI total was significantly above forecast due to an adverse weather event that occurred in October 2023. The frequency of incidents related to defective equipment and third-party interference have reduced. The number of events that cannot be attributed to causes has increased.

10(iii): The main equipment involved in planned Class B interruptions related predominantly to overhead distribution lines. This was a result of the delivery of our work program which has a heavy focus on overhead assets such as poles and crossarms.

10(iv) and 10(v): The main equipment involved in Class C interruptions were overhead distribution lines and subtransmission lines, which were affected by severe weather events in October 2023. Wildlife related events were contributors to an increase in SAIDI and SAIFI over the disclosure period.

*Insurance cover*

17. In the box below, provide details of any insurance cover for the assets used to provide electricity distribution services, including-
- 17.1 The EDB's approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;
  - 17.2 In respect of any self insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

**Box 14: Explanation of insurance cover**

MainPower has extensive insurance cover for structures such as zone substations and plant, however it is uneconomic to insure the distribution network E.g. poles and conductors.

As disclosed in 3(v) MainPower maintains a separate self-insurance fund to cover damage caused to uninsured parts of the Network caused by catastrophic events (such as earthquakes and storms). This fund is currently \$3.2m and is invested in bank term deposits.

*Amendments to previously disclosed information*

18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause 2.12.1 in the last 7 years, including:

18.1 a description of each error; and

18.2 for each error, reference to the web address where the disclosure made in accordance with clause **Error! Reference source not found.** is publicly disclosed.

**Box 15: Disclosure of amendment to previously disclosed information**

[Insert text here]



Company Name \_\_\_\_\_

For Year Ended \_\_\_\_\_

## **Schedule 14a      Mandatory Explanatory Notes on Forecast Information**

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

1. This Schedule requires EDBs to provide explanatory notes to reports prepared in accordance with clause 2.6.6.
2. This Schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.2. This information is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.

*Commentary on difference between nominal and constant price capital expenditure forecasts (Schedule 11a)*

3. In the box below, comment on the difference between nominal and constant price capital expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11a.

**Box 1: Commentary on difference between nominal and constant price capital expenditure forecasts**  
[Insert text here]

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

4. In the box below, comment on the difference between nominal and constant price operational expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11b.

**Box 2: Commentary on difference between nominal and constant price operational expenditure forecasts**  
[Insert text here]

Company Name \_\_\_\_\_

For Year Ended \_\_\_\_\_

## **Schedule 15      Voluntary Explanatory Notes**

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

1. This schedule enables EDBs to provide, should they wish to-
  - 1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1 and 2.5.2;
  - 1.2 information on any substantial changes to information disclosed in relation to a prior disclosure year, as a result of final wash-ups.
2. Information in this schedule is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.
3. Provide additional explanatory comment in the box below.

**Box 1: Voluntary explanatory comment on disclosed information**

[Insert text below]



## **Schedule 18                      Certification for Year-end Disclosures**

Clause 2.9.2.

We, Anthony Charles King and Janice Evelyn Fredric, being directors of MainPower New Zealand 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 MainPower's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained.

A handwritten signature in black ink, appearing to read "A. King".

**ANTHONY CHARLES KING**

A handwritten signature in black ink, appearing to read "J. Fredric".

**JANICE EVELYN FREDRIC**

Janice Fredric  
2024-08-21 01:19 UTC

21 August 2024