

EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10

Company Name

Centralines Limited

Disclosure Date

31 August 2023

Disclosure Year (year ended)

31 March 2023

Templates for Schedules 1–10 excluding 5f–5g
Template Version 5.1. Prepared 24 November 2022

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Disclosure Template Instructions

These templates have been prepared 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 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.

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:P105 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 AG10 to AG60 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 templates for schedules 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e 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 schedules 5c, 6a, and 9e 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.

Schedules 5d and 5e 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 P and U. To avoid interfering with the title block entries, these should be inserted to the left of column S. If inserting additional columns, 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 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.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Electricity Distribution ID Determination 2012 (as issued on 21 December 2017). They provide a common reference between the rows in the determination and the template.

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

Changes Since Previous Version

Refer to the Targeted Information Disclosure Review - Electricity Distribution Businesses Final reasons paper - Tranche 1, for the details of changes made. A summary is provided in Chapter 2.

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 the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination.

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

sch ref

1(i): Expenditure metrics

	Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	expenditure per MVA of capacity from EDB- owned distribution transformers (\$/MVA)
Operational expenditure	58,849	689	284,446	3,404	59,308
Network	24,769	290	119,722	1,433	24,963
Non-network	34,080	399	164,724	1,971	34,346
Expenditure on assets	103,835	1,215	501,883	6,006	104,645
Network	66,741	781	322,591	3,860	67,262
Non-network	37,094	434	179,292	2,145	37,383

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	127,590	1,494
Standard consumer line charge revenue	127,590	1,494
Non-standard consumer line charge revenue	–	–

1(iii): Service intensity measures

Demand density	12	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	58	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	5	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	11,706	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	6,346	44.02%
Pass-through and recoverable costs excluding financial incentives and wash-ups	2,791	19.36%
Total depreciation	2,236	15.51%
Total revaluations	4,452	30.88%
Regulatory tax allowance	1,020	7.07%
Regulatory profit/(loss) including financial incentives and wash-up:	6,477	44.92%
Total regulatory income	14,418	

1(v): Reliability

Interruption rate	19.47	Interruptions per 100 circuit km
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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 the 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 the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		CY-2	CY-1	Current Year CY
		31 Mar 21	31 Mar 22	31 Mar 23
		%	%	%
7	2(i): Return on Investment			
8				
9	ROI – comparable to a post tax WACC			
10	Reflecting all revenue earned	6.23%	9.54%	8.65%
11	Excluding revenue earned from financial incentives	5.47%	9.54%	8.65%
12	Excluding revenue earned from financial incentives and wash-ups	5.47%	9.54%	8.65%
13				
14	Mid-point estimate of post tax WACC			
15	25th percentile estimate	3.04%	2.84%	4.20%
16	75th percentile estimate	4.40%	4.20%	5.56%
17				
18				
19	ROI – comparable to a vanilla WACC			
20	Reflecting all revenue earned	6.56%	9.84%	9.17%
21	Excluding revenue earned from financial incentives	5.80%	9.84%	9.17%
22	Excluding revenue earned from financial incentives and wash-ups	5.80%	9.84%	9.17%
23				
24	WACC rate used to set regulatory price path			
25		4.57%	4.57%	4.57%
26				
27	Mid-point estimate of vanilla WACC			
28	25th percentile estimate	3.37%	3.14%	4.71%
29	75th percentile estimate	4.73%	4.50%	6.07%
30	2(ii): Information Supporting the ROI			
31				
32	Total opening RAB value	67,163		
33	plus Opening deferred tax	(4,887)		
34	Opening RIV		62,276	
35				
36	Line charge revenue		13,759	
37				
38	Expenses cash outflow	9,137		
39	add Assets commissioned	19,656		
40	less Asset disposals	138		
41	add Tax payments	297		
42	less Other regulated income	659		
43	Mid-year net cash outflows		28,293	
44				
45	Term credit spread differential allowance		–	
46				
47	Total closing RAB value	88,898		
48	less Adjustment resulting from asset allocation	0		
49	less Lost and found assets adjustment	–		
50	plus Closing deferred tax	(5,610)		
51	Closing RIV		83,287	
52				
53	ROI – comparable to a vanilla WACC			9.17%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			4.38%
57	Corporate tax rate (%)			28%
58				
59	ROI – comparable to a post tax WACC			8.65%
60				

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sch ref

2(iii): Information Supporting the Monthly ROI

Opening RIV

62,276

	Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
April	1,093	794	795	138	248	1,203
May	1,164	812	448		29	1,231
June	1,192	774	10,539		26	11,287
July	1,252	989	251		39	1,201
August	1,287	783	95		56	822
September	1,206	744	233		40	937
October	1,186	628	418		47	999
November	1,095	700	1,820		42	2,478
December	1,114	718	797		26	1,489
January	1,090	589	66		26	629
February	987	660	1,078		41	1,697
March	1,093	946	3,116		39	4,023
Total	13,759	9,137	19,656	138	659	27,996

Tax payments

297

Term credit spread differential allowance

–

Closing RIV

83,287

Monthly ROI – comparable to a vanilla WACC

9.00%

Monthly ROI – comparable to a post tax WACC

8.48%

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

Year-end ROI – comparable to a vanilla WACC

8.98%

Year-end ROI – comparable to a post tax WACC

8.47%

* 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

Net recoverable costs allowed under incremental rolling incentive scheme

–

Purchased assets – avoided transmission charge

–

Energy efficiency and demand incentive allowance

–

Quality incentive adjustment

–

Other financial incentives

–

Financial incentives

–

Impact of financial incentives on ROI

–

Input methodology claw-back

–

CPP application recoverable costs

–

Catastrophic event allowance

–

Capex wash-up adjustment

–

Transmission asset wash-up adjustment

–

2013–15 NPV wash-up allowance

–

Reconsideration event allowance

–

Other wash-ups

–

Company Name	Centralines Limited
For Year Ended	31 March 2023

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sch ref

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

SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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

sch ref

7	3(i): Regulatory Profit		(\$'000)
8	Income		
9		Line charge revenue	13,759
10	plus	Gains / (losses) on asset disposals	208
11	plus	Other regulated income (other than gains / (losses) on asset disposals)	451
12			
13	Total regulatory income		14,418
14	Expenses		
15	less	Operational expenditure	6,346
16			
17	less	Pass-through and recoverable costs excluding financial incentives and wash-ups	2,791
18			
19	Operating surplus / (deficit)		5,281
20			
21	less	Total depreciation	2,236
22			
23	plus	Total revaluations	4,452
24			
25	Regulatory profit / (loss) before tax		7,497
26			
27	less	Term credit spread differential allowance	-
28			
29	less	Regulatory tax allowance	1,020
30			
31	Regulatory profit/(loss) including financial incentives and wash-ups		6,477
32			
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups		(\$'000)
34	Pass through costs		
35		Rates	50
36		Commerce Act levies	28
37		Industry levies	23
38		CPP specified pass through costs	
39	Recoverable costs excluding financial incentives and wash-ups		
40		Electricity lines service charge payable to Transpower	2,690
41		Transpower new investment contract charges	
42		System operator services	
43		Distributed generation allowance	
44		Extended reserves allowance	
45		Other recoverable costs excluding financial incentives and wash-ups	
46	Pass-through and recoverable costs excluding financial incentives and wash-ups		2,791
47			
48	3(iii): Incremental Rolling Incentive Scheme		(\$'000)
49			
50			
51		Allowed controllable opex	
52		Actual controllable opex	
53			
54		Incremental change in year	
55			
56			
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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.

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

sch ref			RAB 31 Mar 19 (\$000)	RAB 31 Mar 20 (\$000)	RAB 31 Mar 21 (\$000)	RAB 31 Mar 22 (\$000)	RAB 31 Mar 23 (\$000)
7	4(i): Regulatory Asset Base Value (Rolled Forward)						
8		for year ended					
9							
10	Total opening RAB value		54,013	57,848	60,538	61,954	67,163
11							
12	less Total depreciation		2,083	1,907	2,023	2,084	2,236
13							
14	plus Total revaluations		795	1,457	920	4,287	4,452
15							
16	plus Assets commissioned		5,064	3,437	2,052	3,066	19,656
17							
18	less Asset disposals		88	297	33	60	138
19							
20	plus Lost and found assets adjustment		47				—
21							
22	plus Adjustment resulting from asset allocation						0
23							
24	Total closing RAB value		57,848	60,538	61,954	67,163	88,898
25							

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB *	RAB
	(\$000)	(\$000)
Total opening RAB value	67,163	67,163
less Total depreciation	2,236	2,236
plus Total revaluations	4,452	4,452
plus Assets commissioned (other than below)	16,456	16,456
Assets acquired from a regulated supplier		
Assets acquired from a related party	3,200	3,200
Assets commissioned	19,656	19,656
less Asset disposals (other than below)	138	138
Asset disposals to a regulated supplier		
Asset disposals to a related party	138	138
plus Lost and found assets adjustment		
plus Adjustment resulting from asset allocation		0
Total closing RAB value	88,898	88,898

* 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.

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

CPI _t	1.218
CPI _t *	1.147
Revaluation rate (%)	6.65%
Unallocated RAB *	RAB
(\$000)	(\$000)
Total opening RAB value	67,163
less Opening value of fully depreciated, disposed and lost assets	261
Total opening RAB value subject to revaluation	66,900
Total revaluations	4,452

4(iv): Roll Forward of Works Under Construction

Unallocated works under construction	Allocated works under construction
Works under construction—preceding disclosure year	11,678
plus Capital expenditure	9,688
less Assets commissioned	19,656
plus Adjustment resulting from asset allocation	
Works under construction - current disclosure year	1,720
Highest rate of capitalised finance applied	

4(v): Regulatory Depreciation

Unallocated RAB *	RAB
(\$000)	(\$000)
Depreciation - standard	2,236
Depreciation - no standard life assets	
Depreciation - modified life assets	
Depreciation - alternative depreciation in accordance with CPP	
Total depreciation	2,236

4(vi): Disclosure of Changes to Depreciation Profiles

(\$000 unless otherwise specified)

Asset or assets with changes to depreciation*	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation

* include additional rows if needed

4(vii): Disclosure by Asset Category

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
Total opening RAB value	1,677	448	5,806	28,956	8,933	10,082	6,906	585	3,770	67,163
less Total depreciation	44	11	194	651	228	354	232	97	425	2,236
plus Total revaluations	111	30	386	1,826	593	668	460	39	230	4,452
plus Assets commissioned	61	130	19	2,901	883	1,036	723	9	13,894	19,656
less Asset disposals				18		9	1		110	138
plus Lost and found assets adjustment										—
plus Adjustment resulting from asset allocation										—
plus Asset category transfers										—
Total closing RAB value	1,805	597	6,017	33,114	10,183	11,423	7,857	536	17,368	88,898
Asset Life										
Weighted average remaining asset life	49.8	42.3	36.2	46.5	43.8	33.6	31.8	10.0	15.3	(years)
Weighted average expected total asset life	58.7	55.1	46.1	59.7	54.4	45.0	40.4	19.0	20.5	(years)

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

sch ref

7	5a(i): Regulatory Tax Allowance		(5000)
8	Regulatory profit / (loss) before tax		7,497
9			
10	plus Income not included in regulatory profit / (loss) before tax but taxable		*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible		*
12	Amortisation of initial differences in asset values	1,255	
13	Amortisation of revaluations	465	
14			1,720
15			
16	less Total revaluations	4,452	
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	1,121	
21			5,574
22			
23	Regulatory taxable income		3,643
24			
25	less Utilised tax losses		
26	Regulatory net taxable income		3,643
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		1,020
30			
31	* Workings to be provided in Schedule 14		
32	5a(ii): Disclosure of Permanent Differences		
33	In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).		
34	5a(iii): Amortisation of Initial Difference in Asset Values		(5000)
35			
36	Opening unamortised initial differences in asset values	10,036	
37	less Amortisation of initial differences in asset values	1,255	
38	plus Adjustment for unamortised initial differences in assets acquired		
39	less Adjustment for unamortised initial differences in assets disposed		
40	Closing unamortised initial differences in asset values		8,782
41			
42	Opening weighted average remaining useful life of relevant assets (years)		8
43			
44	5a(iv): Amortisation of Revaluations		(5000)
45			
46	Opening sum of RAB values without revaluations	55,556	
47			
48	Adjusted depreciation	1,771	
49	Total depreciation	2,236	
50	Amortisation of revaluations		465
51			
52	5a(v): Reconciliation of Tax Losses		(5000)
53			
54	Opening tax losses		
55	plus Current period tax losses		
56	less Utilised tax losses		
57	Closing tax losses		—
58	5a(vi): Calculation of Deferred Tax Balance		(5000)
59			
60	Opening deferred tax	(4,887)	
61			
62	plus Tax effect of adjusted depreciation	496	
63			
64	less Tax effect of tax depreciation	934	
65			
66	plus Tax effect of other temporary differences*		
67			
68	less Tax effect of amortisation of initial differences in asset values	351	
69			
70	plus Deferred tax balance relating to assets acquired in the disclosure year		
71			
72	less Deferred tax balance relating to assets disposed in the disclosure year	(66)	
73			
74	plus Deferred tax cost allocation adjustment	(0)	
75			
76	Closing deferred tax		(5,610)
77			
78	5a(vii): Disclosure of Temporary Differences		
79	In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).		
80			
81	5a(viii): Regulatory Tax Asset Base Roll-Forward		(5000)
82			
83	Opening sum of regulatory tax asset values	28,427	
84	less Tax depreciation	3,336	
85	plus Regulatory tax asset value of assets commissioned	19,652	
86	less Regulatory tax asset value of asset disposals	(99)	
87	plus Lost and found assets adjustment		
88	plus Adjustment resulting from asset allocation		
89	plus Other adjustments to the RAB tax value		
90	Closing sum of regulatory tax asset values		44,842

Company Name

Centralines Limited

For Year Ended

31 March 2023

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 the ID determination.

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

sch ref

5b(i): Summary—Related Party Transactions

(\$000)

(\$000)

Total regulatory income

Market value of asset disposals

Service interruptions and emergencies

Vegetation management

Routine and corrective maintenance and inspection

Asset replacement and renewal (opex)

Network opex

Business support

System operations and network support

Operational expenditure

Consumer connection

System growth

Asset replacement and renewal (capex)

Asset relocations

Quality of supply

Legislative and regulatory

Other reliability, safety and environment

Expenditure on non-network assets

Expenditure on assets

Cost of financing

Value of capital contributions

Value of vested assets

Capital Expenditure

Total expenditure

Other related party transactions

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

Name of related party		Nature of opex or capex service provided	Total value of transactions (\$000)
Unison Networks Limited		Service interruptions and emergencies	80
Unison Networks Limited		Routine and corrective maintenance and inspection	195
Unison Networks Limited		Business support	1,300
Unison Networks Limited		Expenditure on non-network assets	152
Unison Networks Limited		Asset replacement and renewal (opex)	13
Unison Networks Limited		Consumer connection	585
Unison Networks Limited		Asset replacement and renewal (capex)	1,546
Unison Networks Limited		System growth	904
Unison Networks Limited		Asset relocations	13
Unison Networks Limited		[Select one]	
		[Select one]	
		[Select one]	
		[Select one]	
		[Select one]	
		[Select one]	
Total value of related party transactions			4,788

* include additional rows if needed

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

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

sch ref

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

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Debt issue cost readjustment
* include additional rows if needed						-	-	-

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

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

Centralines Limited

31 March 2023

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

sch ref

5d(i): Operating Cost Allocations

		Value allocated (\$'000s)			
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$'000s)
Service interruptions and emergencies					
Directly attributable		721			
Not directly attributable				—	
Total attributable to regulated service		721			
Vegetation management					
Directly attributable		792			
Not directly attributable				—	
Total attributable to regulated service		792			
Routine and corrective maintenance and inspection					
Directly attributable		40			
Not directly attributable				—	
Total attributable to regulated service		40			
Asset replacement and renewal					
Directly attributable		1,118			
Not directly attributable				—	
Total attributable to regulated service		1,118			
System operations and network support					
Directly attributable		390			
Not directly attributable		(36)	(36)	(72)	
Total attributable to regulated service		354			
Business support					
Directly attributable		2,945			
Not directly attributable		376	55	431	
Total attributable to regulated service		3,321			
Operating costs directly attributable		6,006			
Operating costs not directly attributable	—	340	19	359	—
Operational expenditure		6,346			

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

sch ref

39 5d(ii): Other Cost Allocations

40 Pass through and recoverable costs (\$000)

41 Pass through costs

42	Directly attributable	100
43	Not directly attributable	
44	Total attributable to regulated service	100

45 Recoverable costs

46	Directly attributable	2,690
47	Not directly attributable	
48	Total attributable to regulated service	2,690

50 5d(iii): Changes in Cost Allocations* †

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

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

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

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

† include additional rows if needed

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

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

sch ref

5e(i): Regulated Service Asset Values

	Value allocated (\$000s) Electricity distribution services
Subtransmission lines	
Directly attributable	1,805
Not directly attributable	
Total attributable to regulated service	1,805
Subtransmission cables	
Directly attributable	597
Not directly attributable	
Total attributable to regulated service	597
Zone substations	
Directly attributable	6,017
Not directly attributable	
Total attributable to regulated service	6,017
Distribution and LV lines	
Directly attributable	33,114
Not directly attributable	
Total attributable to regulated service	33,114
Distribution and LV cables	
Directly attributable	10,181
Not directly attributable	
Total attributable to regulated service	10,181
Distribution substations and transformers	
Directly attributable	11,423
Not directly attributable	
Total attributable to regulated service	11,423
Distribution switchgear	
Directly attributable	7,857
Not directly attributable	
Total attributable to regulated service	7,857
Other network assets	
Directly attributable	536
Not directly attributable	
Total attributable to regulated service	536
Non-network assets	
Directly attributable	17,368
Not directly attributable	
Total attributable to regulated service	17,368
Regulated service asset value directly attributable	88,898
Regulated service asset value not directly attributable	–
Total closing RAB value	88,898

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

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

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

† include additional rows if needed

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

sch ref

7	6a(i): Expenditure on Assets		(\$000)	(\$000)
8	Consumer connection			2,151
9	System growth			543
10	Asset replacement and renewal			4,492
11	Asset relocations			11
12	Reliability, safety and environment:			
13	Quality of supply			
14	Legislative and regulatory			
15	Other reliability, safety and environment			
16	Total reliability, safety and environment			
17	Expenditure on network assets			7,197
18	Expenditure on non-network assets			4,000
19				
20	Expenditure on assets			11,197
21	plus Cost of financing			
22	less Value of capital contributions			1,499
23	plus Value of vested assets			
24				
25	Capital expenditure			9,698
26	6a(ii): Subcomponents of Expenditure on Assets (where known)			(\$000)
27	Energy efficiency and demand side management, reduction of energy losses			
28	Overhead to underground conversion			
29	Research and development			
30	Cybersecurity (Commission only)			
31	6a(iii): Consumer Connection		(\$000)	(\$000)
32	Consumer types defined by EDB*			
33	Residential		1,782	
34	Customer Damage		135	
35	Irrigation		30	
36	Commercial		204	
37	[EDB consumer type]			
38	* include additional rows if needed			
39	Consumer connection expenditure			2,151
40	less Capital contributions funding consumer connection expenditure		1,499	
41	Consumer connection less capital contributions			652
42	6a(iv): System Growth and Asset Replacement and Renewal			
43			System Growth	Asset Replacement and Renewal
44			(\$000)	(\$000)
45	Subtransmission			
46	Zone substations		266	19
47	Distribution and LV lines		19	3,281
48	Distribution and LV cables		150	62
49	Distribution substations and transformers		87	609
50	Distribution switchgear		12	521
51	Other network assets		9	
52	System growth and asset replacement and renewal expenditure		543	4,492
53	less Capital contributions funding system growth and asset replacement and renewal			
54	System growth and asset replacement and renewal less capital contributions		543	4,492
55				
56	6a(v): Asset Relocations		(\$000)	(\$000)
57	Project or programme*			
58	Relocate 33KV OH to UG		11	
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	* include additional rows if needed			
64	All other projects or programmes - asset relocations			
65	Asset relocations expenditure			11
66	less Capital contributions funding asset relocations			
67	Asset relocations less capital contributions			11

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

sch ref

68				
69	6a(vi): Quality of Supply			
70	Project or programme*	(\$000)	(\$000)	
71	[Description of material project or programme]			
72	[Description of material project or programme]			
73	[Description of material project or programme]			
74	[Description of material project or programme]			
75	[Description of material project or programme]			
76	* include additional rows if needed			
77	All other projects programmes - quality of supply			
78	Quality of supply expenditure			—
79	less Capital contributions funding quality of supply			
80	Quality of supply less capital contributions			—
81	6a(vii): Legislative and Regulatory			
82	Project or programme*	(\$000)	(\$000)	
83	[Description of material project or programme]			
84	[Description of material project or programme]			
85	[Description of material project or programme]			
86	[Description of material project or programme]			
87	[Description of material project or programme]			
88	* include additional rows if needed			
89	All other projects or programmes - legislative and regulatory			
90	Legislative and regulatory expenditure			—
91	less Capital contributions funding legislative and regulatory			
92	Legislative and regulatory less capital contributions			—
93	6a(viii): Other Reliability, Safety and Environment			
94	Project or programme*	(\$000)	(\$000)	
95	[Description of material project or programme]			
96	[Description of material project or programme]			
97	[Description of material project or programme]			
98	[Description of material project or programme]			
99	[Description of material project or programme]			
100	* include additional rows if needed			
101	All other projects or programmes - other reliability, safety and environment			
102	Other reliability, safety and environment expenditure			—
103	less Capital contributions funding other reliability, safety and environment			
104	Other reliability, safety and environment less capital contributions			—
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	Project or programme*	(\$000)	(\$000)	
109	Buildings	783		
110	Motor Vehicles	614		
111	Plant & Equipment	546		
112	Office Equipment	100		
113	Land	1,957		
114	* include additional rows if needed			
115	All other projects or programmes - routine expenditure			
116	Routine expenditure			4,000
117	Atypical expenditure			
118	Project or programme*	(\$000)	(\$000)	
119	[Description of material project or programme]			
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	* include additional rows if needed			
125	All other projects or programmes - atypical expenditure			
126	Atypical expenditure			—
127				
128	Expenditure on non-network assets			4,000

Company Name

Centralines Limited

For Year Ended

31 March 2023

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

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure		
8	Service interruptions and emergencies	721	
9	Vegetation management	792	
10	Routine and corrective maintenance and inspection	40	
11	Asset replacement and renewal	1,118	
12	Network opex		2,671
13	System operations and network support	354	
14	Business support	3,321	
15	Non-network opex		3,675
16			
17	Operational expenditure		6,346
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	<i>EDBs' must disclose both a public version of this Schedule (excluding cybersecurity cost data) and a confidential version of this Schedule (including cybersecurity costs)</i>		
20	Energy efficiency and demand side management, reduction of energy losses		
21	Direct billing*		
22	Research and development		
23	Insurance		204
24	Cybersecurity (Commission only)		
25	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

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 the ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

7	7(i): Revenue	Target (\$000) ¹	Actual (\$000)	% variance
8	Line charge revenue	13,747	13,759	0%

9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	2,318	2,151	(7%)
11	System growth	192	543	183%
12	Asset replacement and renewal	6,240	4,492	(28%)
13	Asset relocations		11	—
14	Reliability, safety and environment:			
15	Quality of supply	100	—	(100%)
16	Legislative and regulatory		—	—
17	Other reliability, safety and environment	210	—	(100%)
18	Total reliability, safety and environment	310	—	(100%)
19	Expenditure on network assets	9,060	7,197	(21%)
20	Expenditure on non-network assets	951	4,000	321%
21	Expenditure on assets	10,011	11,197	12%

22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	337	721	114%
24	Vegetation management	696	792	14%
25	Routine and corrective maintenance and inspection	121	40	(67%)
26	Asset replacement and renewal	1,416	1,118	(21%)
27	Network opex	2,570	2,671	4%
28	System operations and network support	210	354	69%
29	Business support	3,113	3,321	7%
30	Non-network opex	3,323	3,675	11%
31	Operational expenditure	5,893	6,346	8%

32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Energy efficiency and demand side management, reduction of energy losses		—	—
34	Overhead to underground conversion		—	—
35	Research and development		—	—
36				

37	7(v): Subcomponents of Operational Expenditure (where known)			
38	Energy efficiency and demand side management, reduction of energy losses		—	—
39	Direct billing		—	—
40	Research and development		—	—
41	Insurance	—	204	—
42				

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

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

																	Company Name		Centralines Limited	
																	For Year Ended		31 March 2023	
																	Network / Sub-Network Name			
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.																				
sch ref																				
8(i): Billed Quantities by Price Component																				

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.

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

					Line charge revenues (\$000) by price component																					
					Price component																					
					24UC	AICD	CTRL	CTUD	NITE	PROJ	OPFK	ONPK	TAIC	DMND	KVAR	SOPD	WOPD	FIXED	DGEN	UNMT	DEFT					
					kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand - kW	kVar	Demand - kW	Demand - kW	daily	Free	kWh	kWh					
					\$1,439	\$1,031	\$46	\$59	\$6	(\$1)	--	--	--	--	--	--	--	--	\$315	--	--	--				
					(\$2)	(\$0)	--	--	--	\$2	--	--	--	--	--	--	--	--	(\$0)	--	--	--				
					--	--	\$2	--	\$0	\$11	\$60	\$76	--	--	--	--	--	--	\$16	--	--	--				
					\$1,410	--	\$9	\$134	\$12	(\$5)	--	--	--	--	--	--	--	--	\$1,034	--	--	--				
					\$1,999	\$964	\$39	\$90	\$10	(\$2)	--	--	--	--	--	--	--	--	\$1,787	--	--	--				
					\$1	(\$0)	--	\$0	\$0	(\$0)	--	--	--	--	--	--	--	--	--	--	--	--				
					--	--	\$1	--	\$0	\$8	\$45	\$76	--	--	--	--	--	--	\$49	--	--	--				
					(\$13)	--	(\$0)	(\$0)	(\$0)	(\$0)	--	--	--	--	--	--	--	--	--	--	--	--				
					(\$1)	--	(\$0)	(\$0)	(\$0)	(\$0)	--	--	--	--	--	--	--	--	--	--	--	--				
					\$7	--	\$7	\$8	\$0	--	--	--	--	--	--	--	--	--	--	--	--	--				
					\$401	--	\$2	\$114	\$9	(\$5)	--	--	--	\$6	\$0	\$7	--	\$250	--	--	--	--				
					\$222	--	\$0	\$109	\$9	(\$2)	--	--	--	\$21	\$5	\$26	--	\$321	--	--	--	--				
					--	--	--	--	--	--	--	--	--	\$69	\$10	\$107	--	\$177	--	--	--	\$42				
					--	--	--	--	--	--	--	--	--	\$9	\$2	\$15	--	\$56	--	--	--	\$8				
					--	--	--	--	--	--	--	--	--	\$6	\$0	--	\$9	\$33	--	--	--	--				
					--	--	--	--	--	--	--	--	--	\$66	\$0	\$107	--	\$33	--	--	--	--				
					--	--	--	--	--	--	--	--	--	\$177	\$0	\$286	--	\$181	--	--	--	--				
					\$1	--	--	\$10	--	\$0	--	--	--	--	--	--	--	\$9	--	--	--	--				
					--	--	--	\$70	--	--	--	--	--	--	--	--	--	--	--	--	\$70	--				
					--	--	--	\$60	--	--	--	--	--	--	--	--	--	--	\$45	--	\$15	--				
					--	--	--	\$12	--	--	--	--	--	--	--	--	--	--	\$8	--	\$4	--				
					--	--	--	(\$23)	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
					--	--	--	(\$8)	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
					\$4	--	(\$0)	--	--	--	--	--	--	--	--	--	--	\$4	--	--	--	--				
Add extra rows for additional consumer groups or price category codes as necessary																										

Company Name **Centralines Limited**For Year Ended **31 March 2023**

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

					Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	Voltage	Asset category	Asset class	Units				
9	All	Overhead Line	Concrete poles / steel structure	No.	19,673	19,850	177	3
10	All	Overhead Line	Wood poles	No.	85	123	38	3
11	All	Overhead Line	Other pole types	No.	—	—	—	N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	94	94	0	2
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	—	—	—	N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	2	2	(0)	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	—	—	—	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	—	—	—	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	—	—	—	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	—	—	—	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	—	—	—	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	—	—	—	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	—	—	—	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	—	—	—	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	3	3	—	3
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	—	—	—	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	—	—	—	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	—	—	—	N/A
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	—	—	—	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	24	24	—	3
29	HV	Zone substation switchgear	33kV RMU	No.	—	—	—	N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	—	—	—	N/A
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	11	11	—	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	27	27	—	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	2	2	—	4
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	7	7	—	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,404	1,407	3	2
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	—	—	—	N/A
37	HV	Distribution Line	SWER conductor	km	—	—	—	N/A
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	38	41	3	3
39	HV	Distribution Cable	Distribution UG PILC	km	3	3	(0)	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	—	—	—	N/A
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	96	86	(10)	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	—	—	—	N/A
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	3,550	3,563	13	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	5	5	—	4
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	21	22	1	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,280	2,321	41	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	205	209	4	3
48	HV	Distribution Transformer	Voltage regulators	No.	5	6	1	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	13	13	—	2
50	LV	LV Line	LV OH Conductor	km	201	202	1	2
51	LV	LV Cable	LV UG Cable	km	95	116	21	2
52	LV	LV Street Lighting	LV OH/UG Streetlight circuit	km	72	73	1	2
53	LV	Connections	OH/UG consumer service connections	No.	8,792	8,788	(4)	2
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	49	49	—	2
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	—	2
56	All	Capacitor Banks	Capacitors including controls	No	1	1	—	4
57	All	Load Control	Centralised plant	Lot	1	1	—	4
58	All	Load Control	Relays	No	11	11	—	1
59	All	Civils	Cable Tunnels	km	—	—	—	N/A

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.

8	Disclosure Year (year ended)	31 March 2023	Number of assets at disclosure year end by installation date
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[illegible]

Company Name **Centralines Limited**

For Year Ended **31 March 2023**

Network / Sub-network Name

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

9			
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)
11	> 66kV		
12	50kV & 66kV		
13	33kV	94	2
14	SWER (all SWER voltages)		
15	22kV (other than SWER)		
16	6.6kV to 11kV (inclusive—other than SWER)	1,407	44
17	Low voltage (< 1kV)	202	116
18	Total circuit length (for supply)	1,703	161
19			
20	Dedicated street lighting circuit length (km)	44	29
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		32
22			
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)
24	Urban	139	8%
25	Rural	1,159	68%
26	Remote only	44	3%
27	Rugged only	361	21%
28	Remote and rugged		—
29	Unallocated overhead lines		—
30	Total overhead length	1,703	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	275	15%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	1,703	100%

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB’s network or in another embedded network.

sch ref

		Number of ICPs served	Line charge revenue (\$000)
8	Location *		
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26	* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB’s network or in another embedded network		

Company Name **Centralines Limited**For Year Ended **31 March 2023**

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 in year by consumer type

Consumer types defined by EDB*

Residential

Commercial

* include additional rows if needed

Connections total

Number of
connections (ICPs)

144

12

156

Number of ICPs decommissioned in year by consumer type

Consumer types defined by EDB*

Residential

Commercial

* include additional rows if needed

Decommissionings total

Number of
decommissionings

18

2

20

Distributed generation

Number of connections made in year

Capacity of distributed generation installed in year

20

0.50

connections

MVA

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

GXP demand

plus Distributed generation output at HV and above

Maximum coincident system demand

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

Demand on system for supply to consumers' connection points

Demand at time of
maximum
coincident
demand (MW)

22

-

22

-

22

Electricity volumes carried

Electricity supplied from GXPs

less Electricity exports to GXPs

plus Electricity supplied from distributed generation

less Net electricity supplied to (from) other EDBs

Electricity entering system for supply to consumers' connection points

less Total energy delivered to ICPs

Electricity losses (loss ratio)

Energy (GWh)

115

-

1

-

116

108

8

6.8%

Load factor

0.59

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

Distribution transformer capacity (Non-EDB owned, estimated)

Total distribution transformer capacity

Zone substation transformer capacity

(MVA)

107

11

118

47

Company Name	Centralines Limited
For Year Ended	31 March 2023
Network / Sub-network Name	Centralines Limited

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

sch ref

10(i): Interruptions

Interruptions by class

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

Number of interruptions

—
149
197
3
—
—
—
—
14
363

Interruption restoration

Class C interruptions restored within

≤3Hrs >3hrs

130	67
-----	----

SAIFI and SAIDI by class

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

SAIFI SAIDI

—	—
0.49	97.5
4.21	683.8
0.96	143.6
—	—
—	—
—	—
—	—
0.35	10.6
6.02	935.6

Total

Normalised SAIFI and SAIDI

Classes B & C (interruptions on the network)

Normalised SAIFI Normalised SAIDI

4.49	268.0
------	-------

Transitional SAIDI and SAIDI (previous method)

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.

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

SAIFI SAIDI

0.41	97.5
3.26	683.8

Company Name	Centralines Limited
For Year Ended	31 March 2023

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 **Error! Reference source not found.**, and 2.5.2(1)(e).
2. This schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.1. Information provided in boxes 1 to 11 of this schedule is part of the audited disclosure information, and so is subject to the assurance requirements specified in section 2.8.
3. Schedule 15 (Voluntary Explanatory Notes to Schedules) provides for EDBs to give additional explanation of disclosed information should they elect to do so.

Return on Investment (Schedule 2)

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

Box 1: Explanatory comment on return on investment
There have been no reclassified items.

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

Line loss rebate of \$407k, \$22k from the sale of scrap metal and \$22k for pole rental, included in 3(i)

The line charge revenue in cell T9 of schedule 3(i) references to cell G78 (not M74)

There has been no reclassified items.

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

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

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

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

Box 3: Explanatory comment on merger and acquisition expenditure

There has been no merger and acquisition expenditure.

Value of the Regulatory Asset Base (Schedule 4)

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

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

The value of the regulatory asset base has been determined by rolling forward the initial regulatory asset base with allowance made for additions, disposals, depreciation and revaluation in accordance with the Electricity Distribution Services Input Methodologies Determination 2012.

There has been no reclassified items.

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

Nil

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)

Nil

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

In Costs are allocated by applying ABAA. Expenses classified as not directly attributable are those which have been allocated to electricity and non-electricity activities.

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

There have been no reclassified items.

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

Material projects, (>\$50k), are defined by Centralines as those projects with significant strategic importance to the network. All Network CAPEX figures for the categories of System Growth and Asset Replacement and Renewal, Asset Relocations, Quality of Supply, Legislative and Regulatory, and Other Reliability, Safety and Environment have been disaggregated into sub-categories, projects or programmes.

There have been no reclassified items.

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

Assets replaced or renewed with asset replacement and renewal operating expenditure are identified as part of Centralines' condition assessment and asset inspection programmes or as part of Centralines' planned replacement programmes.

Assets commonly identified for replacement through inspections and condition assessment include; crossarm and insulator replacement subsequent to overhead line inspections, pedestal replacements subsequent to LV safety inspections, transformer refurbishment subsequent to suitability assessment, cable termination maintenance subsequent to partial discharge testing, joint repairs subsequent to thermovision inspections.

There are no items identified as material atypical expenditure within network or non-network opex for the 2023 disclosure year.

There have been no reclassified items.

Variance between forecast and actual expenditure (Schedule 7)

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

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

* 7(ii) System Growth: With the increased customer work, there was unexpected system growth work required that was not budgeted for

Asset replacement and renewal Due to the increased customer work some of the Asset replacement and renewal work has been deferred resulting in an underspend.

Quality of Supply: Due to increased customer work and limited staff, some of the planned projects did not get completed and have been carried over to the next year resulting in an underspend of the Quality of Supply budget.

Other reliability, safety and environment: Provisional budget if some unplanned work arises in this category. None arose.

Non network assets: Over spend on completion of depot. Purchased unbudgeted land.

7(iii) Service interruptions and emergencies: There has been more fault work than anticipated along with Cyclone Gabrielle which is reflected in the SAIDI figures for the 22 - 23 year.

Vegetation management greater use of external contractors, resulting in a higher than budgeted spend.

Routine and Corrective Maintenance and Inspection: No aerial inspections via helicopter undertaken, resulting in the underspend in the planned Routine and Corrective Maintenance, and Inspection budget

Asset replacement and renewal: The actual spend on MAPT work was less than budgeted.

System operation and network support- Overspend on network salaries.

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

There is no material difference between the target revenue and total billed line charge revenue in the year ending 31 March 2023.

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 performance for the 2022/23 disclosure year was tracking closely with historical averages for most of the year, except for animal contact events that had slightly higher impact than normal due to a few events on critical parts of the network. The effects of Cyclone Gabrielle in February had notable impacts to the network performance and, like many north island distributors, overall network performance for the year was skewed because of this. Outages caused by the adverse weather the cyclone brought affected a notable number of customers on the network and the duration of some of these outages were significant due to the scale and complexity of repairs.

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

Centralines has in place Material Damage and Business Interruption cover for all its insurable assets. It employs two policies to achieve this. The "MD/BI" policy, placed in the retail market, covers Buildings, Plant, Ground Mounted Assets, Stock and Equipment of every description. Total sum insured for the policy is \$38.3M which includes a \$2M component for Business Interruption cover. The deductible is \$10,000 with a \$50,000 deductible applying for ground mounted assets.

Amendments to previously disclosed information

18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause 2.12.1 in the last 7 years, including:
- 18.1 a description of each error; and
 - 18.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 15: Disclosure of amendment to previously disclosed information

N/A

Company Name	Centralines Limited
For Year Ended	31 March 2023

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

There is no difference between constant and nominal values in the current disclosure year ended 31 March 2023. The difference from 2023/24 to 2032/33 represents inflation. Inflation is based on the Reserve Bank February 2023 Monetary Policy Statement Forecast (CPI Headline). For the FY25 AMP, Centralines will re-assess the potential cost escalators to apply to input prices.

2024	2025	2026 onwards
4.2%	2.3%	2%

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

There is no difference between constant and nominal values in the current disclosure year ended 31 March 2023.

The difference from 2023/24 to 2032/33 represents inflation. Inflation is based on the Reserve Bank February 2023 Monetary Policy Statement Forecast (CPI Headline). For the FY25 AMP, Centralines will re-assess the potential cost escalators to apply to input prices.

2024	2025	2026 onwards
4.2%	2.3%	2%

Company Name	Centralines Limited
For Year Ended	31 March 2023

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

Centralines became an exempt EDB in October 2021. As a result, no financial incentives relating to DPP regulation are reported in Schedules 2(v) or 3(iii) because they do not apply to exempt EDBs.

Successive interruptions have been treated in the same way for the 2023 disclosure year as they were for the 2022 disclosure year.

An unplanned loss of supply event can, in some circumstances, be followed by restoration of supply to some consumers and then by a successive interruption as a result of isolating the initial cause or making repairs and completing the permanent restoration of supply to all consumers. For the avoidance of doubt, where this occurs, Centralines' reported SAIFI records the initial outage and not any subsequent short duration outages required to effect the restoration of supply. Centralines' reported SAIDI includes the consumer minutes from subsequent short duration outages required to effect the restoration of supply. This recording approach has not changed from Centralines' previous statements.

Schedule 18 Certification for Year-end Disclosures

Clause 2.9.2

We, Fenton Wilson and Anthony Gray, being directors of Centralines 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 Centralines Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained.
- c) In respect of information concerning assets, costs and revenues valued or disclosed in accordance with clause 2.3.6 of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012, we are satisfied that-
 - i. the costs and values of assets or goods or services acquired from a related party comply, in all material respects, with clauses 2.3.6(1) and 2.3.6(3) of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5)(a)-2.2.11(5)(b) of the Electricity Distribution Services Input Methodologies Determination 2012; and
 - ii. the value of assets or goods or services sold or supplied to a related party comply, in all material respects, with clause 2.3.6(2) of the Electricity Distribution Information Disclosure Determination 2012.

SIGNED:



CHAIR OF THE BOARD



**CHAIR OF THE AUDIT &
RISK COMMITTEE**

DATE:

21 AUGUST, 2023

21 AUGUST, 2023

CENTRALINES LIMITED – RELATED PARTY TRANSACTIONS - FOR YEAR ENDED 31 MARCH 2023

Unison Networks Limited

Relationship

Centralines procures management services from Unison Networks Limited (Unison) to enable the day-to-day operational control of the business of Centralines. Unison is to ensure that the resources of Centralines are efficiently and effectively deployed to discharge the legal and regulatory obligations and commercial objectives of Centralines.

Principal activities

Within the scope of the Management Services Agreement, the major categories of service provided by Unison:

- Financial and regulatory reporting
- Regulatory advocacy
- Pricing and billing services
- Asset management planning
- Network control and operations
- Support for health and safety
- General management
- Business control systems (e.g., network standards, controlled documents).

Centralines procures materials from Unison. Unison initially purchases the materials from an external party. When Centralines purchases the materials from Unison, they benefit from any resulting supplier discount due to Unison's greater purchasing power. Centralines purchases the materials from Unison at cost plus a small handling charge. Centralines procures electrical contracting services from Unison where additional resources are required to meet Centralines operational needs or specialist technical requirements.

All transactions between Centralines and Unison are at arms-length.

Total value of transactions

Schedule 5b.



Independent Assurance Report

**To the directors of Centralines Limited and to the Commerce Commission
on the disclosure information
for the disclosure year ended 31 March 2023
as required by
the electricity distribution information disclosure determination 2012
(Consolidated 6 July 2023)**

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

The Auditor-General is the auditor of the Company.

The Auditor-General has appointed me, Chris Webby, using the staff and resources of Audit New Zealand, to undertake a reasonable assurance engagement, on his behalf, on whether the information prepared by the Company for the disclosure year ended 31 March 2023 (the Disclosure Information) complies, in all material respects, with the Determination.

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

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

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

Opinion

In our opinion, in all material respects:

- as far as appears from an examination, proper records to enable the complete and accurate compilation of the Disclosure Information have been kept by the Company;

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

Basis for opinion

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

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

Key assurance matters

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

Key assurance matter	How our procedures addressed the key assurance matter
Valuation of related-party transactions at arms-length	
<p>The Determination and the IM Determination place a requirement on the company to value related-party procurement transactions at a value not greater than arm's-length. In other words, the value at which a transaction, with the same terms and conditions, would be entered into between a willing seller and a willing buyer who are unrelated and who are acting independently of each other and pursuing their own best interests.</p> <p>In the absence of an active market for related-party transactions, assignment of an objective arm's-length value to a</p>	<p>We have obtained an understanding of the Company's approach to identifying and valuing related-party transactions at arm's-length in accordance with the Determination and the IM Determination. We confirmed the approach used is in accordance with the Determination and the IM Determination.</p> <p>The procedures we carried out to satisfy ourselves that related-party transactions are appropriately identified and valued at a value not greater than arm's-length included:</p> <p>testing the completeness of related parties identified through review of Board minutes, review of Companies Office records, and related-parties identified through detailed testing of transactions and balances in the annual financial statements</p>

Key assurance matter	How our procedures addressed the key assurance matter
<p>related-party transaction is difficult.</p> <p>This a key assurance matter because it involves considerable judgement by company personnel. In turn, verification of the appropriate assignment of an objective arm's-length valuation to related-party transactions require the exercise of significant professional judgement by the auditor.</p>	<p>audit;</p> <ul style="list-style-type: none"> • reviewing the relevant policies for approval and negotiation of related-party transactions, and testing compliance with those policies; • comparing the prices charged to the Company by related parties with the unit prices charged to other customers; • comparing the price charged by the related party for management services to ranges and averages in similar types of businesses; • confirming the material accuracy of related party values disclosed, and compliance of their calculation with the Determination and the IM Determination.
<i>Accuracy of the number and duration of electricity outages</i>	
<p>The Company has a combination of manual and automated systems to identify outages and to record the duration of outages. This outage information is used to report the Company's Report on Network Reliability in Schedule 10. If this information is inaccurate then the measures of the reliability of the network could be materially misstated.</p> <p>This is a key assurance matter because information on the frequency and duration of outages is an important measure of the reliability of electricity supply. Relatively small inaccuracies can have a significant impact on the reliability thresholds against which Company performance is assessed.</p> <p>The Commerce Commission has issued an Exemption notice which, if it applies excludes the assurance report from coverage of the information, in schedule 10 of the ID Determination, for any issues arising out of the company's recording of SAIDI, SAIFI and number of interruptions due to successive interruptions.</p> <p>We need to ensure that the company</p>	<p>We have obtained an understanding of the Company's system to record electricity outages, and their duration. This included review of the Company's definition of interruptions and planned interruptions and major event days.</p> <p>Our procedures to assess the adequacy of the Company's methods to identify and record electricity outages and their duration included:</p> <ul style="list-style-type: none"> • review and testing of the control environment; • performing an assessment of the reliability of the manual and automated processes to record the details of interruptions to supply; • use of IT auditors to specifically test the reliability of the automated processes used to record the details of interruptions to supply; • obtaining internal and external information on interruptions to supply to gain assurance that interruptions to supply were recorded. Internal and external information sources included works orders for contractors, media reports, and Board minutes; • confirming the interruptions to supply information used in the SAIDI and SAIFI calculations was appropriately extracted from the automated system; • checking the SAIDI and SAIFI ratios were correctly

Key assurance matter	How our procedures addressed the key assurance matter
meets the criteria for the Exemption to apply, including that it makes the necessary disclosures so the exclusion to the assurance opinion applies.	<p>calculated in accordance with the Determination and the IM Determination;</p> <ul style="list-style-type: none"> obtaining explanations for all significant variances to forecast; and testing the accuracy of the number of connections to the Electricity Authority's register. <p>With respect to the Exemption, we:</p> <ul style="list-style-type: none"> obtained and documented our understanding of the Company's methods by which electricity outages and their duration are recorded where an outage event results in successive interruptions of supply; compared this to the documented process that the Company followed in the previous year; and confirmed there were no changes or upgrades to the automated system that would result in a different treatment of successive interruptions of supply than the prior year. <p>Having carried out these procedures, and in assessing the likelihood of reported electricity outages and their duration being materially misstated in the Disclosure Information, we have no matters to report.</p>

Directors' responsibilities

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

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

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

Auditor's responsibilities

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

- As far as appears from an examination, the information used in the preparation of the audited Disclosure Information has been properly extracted from the Company's accounting and other records, sourced from its financial and non-financial systems.

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

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

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

Inherent limitations

Because of the inherent limitations of an assurance engagement, together with the internal control structure, it is possible that fraud, error or non-compliance with the Determination may occur and not be detected. A reasonable assurance engagement throughout the disclosure year does not provide assurance on whether compliance with the Determination will continue in the future.

Restricted use

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

Independence and quality control

We complied with the Auditor-General's:

- independence and other ethical requirements, which incorporate the requirements of Professional and Ethical Standard 1 International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand) (PES 1) issued by the New Zealand Auditing and Assurance Standards Board; and

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

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



Chris Webby
Audit New Zealand
On behalf of the Auditor-General
Palmerston North, New Zealand
31 August 2023