



**EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10**

Company Name

Centralines

Disclosure Date

31 August 2021

Disclosure Year (year ended)

31 March 2021

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 21 December 2017

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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

Company Name **Centralines**
For Year Ended **31 March 2021**

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	42,527	533	215,227	2,590	46,422
Network	16,544	207	83,727	1,008	18,059
Non-network	25,983	325	131,500	1,583	28,363
Expenditure on assets	52,864	662	267,545	3,220	57,706
Network	34,767	435	175,955	2,118	37,951
Non-network	18,097	227	91,591	1,102	19,755

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	134,999	1,691
Standard consumer line charge revenue	134,999	1,691
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	61	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	12,526	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	4,735	34.66%
Pass-through and recoverable costs excluding financial incentives and wash-ups	2,659	19.46%
Total depreciation	2,023	14.81%
Total revaluations	920	6.73%
Regulatory tax allowance	1,444	10.57%
Regulatory profit/(loss) including financial incentives and wash-ups	3,722	27.24%
Total regulatory income	13,663	

1(v): Reliability

Interruption rate	14.11	Interruptions per 100 circuit km
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Company Name

Centralines

For Year Ended

31 March 2021

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

2(i): Return on Investment**ROI – comparable to a post tax WACC**

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

Mid-point estimate of post tax WACC

25th percentile estimate
75th percentile estimate

ROI – comparable to a vanilla WACC

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

WACC rate used to set regulatory price path**Mid-point estimate of vanilla WACC**

25th percentile estimate
75th percentile estimate

CY-2	CY-1	Current Year CY
31 Mar 19	31 Mar 20	31 Mar 21
%	%	%

9.29%	10.43%	6.23%
9.11%	10.40%	5.47%
8.15%	9.42%	5.47%

4.75%	4.27%	3.72%
4.07%	3.59%	3.04%
5.43%	4.95%	4.40%

9.80%	10.85%	6.56%
9.62%	10.82%	5.80%
8.66%	9.85%	5.80%

7.19%	7.19%	4.57%
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5.26%	4.69%	4.05%
4.58%	4.01%	3.37%
5.94%	5.37%	4.73%

2(ii): Information Supporting the ROI

(\$'000)

Total opening RAB value
plus Opening deferred tax

Opening RIV**Line charge revenue**

Expenses cash outflow

add Assets commissioned

less Asset disposals

add Tax payments

less Other regulated income

Mid-year net cash outflows**Term credit spread differential allowance**

Total closing RAB value

less Adjustment resulting from asset allocation

less Lost and found assets adjustment

plus Closing deferred tax

Closing RIV**ROI – comparable to a vanilla WACC**

Leverage (%)

Cost of debt assumption (%)

Corporate tax rate (%)

ROI – comparable to a post tax WACC

60,538	
(3,658)	
	56,880
	13,435

7,394	
2,552	
33	
865	
228	
	10,550
	–

61,954	
0	
–	
(4,237)	
	57,716

	6.56%
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	42%
	2.82%
	28%

	6.23%
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Company Name **Centralines**
For Year Ended **31 March 2021**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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sch ref

2(iii): Information Supporting the Monthly ROI

Opening RIV

N/A

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

Tax payments

N/A

Term credit spread differential allowance

N/A

Closing RIV

N/A

Monthly ROI – comparable to a vanilla WACC

N/A

Monthly ROI – comparable to a post tax WACC

N/A

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

Year-end ROI – comparable to a vanilla WACC

5.38%

Year-end ROI – comparable to a post tax WACC

5.05%

* 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

505

Purchased assets – avoided transmission charge

Energy efficiency and demand incentive allowance

Quality incentive adjustment

86

Other financial incentives

Financial incentives

591

Impact of financial incentives on ROI

0.77%

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

Wash-up costs

-

Impact of wash-up costs on ROI

-

Company Name **Centralines**
 For Year Ended **31 March 2021**

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	13,435
10	plus Gains / (losses) on asset disposals	14
11	plus Other regulated income (other than gains / (losses) on asset disposals)	214
12		
13	Total regulatory income	13,663
14	Expenses	
15	less Operational expenditure	4,735
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	2,659
18		
19	Operating surplus / (deficit)	6,269
20		
21	less Total depreciation	2,023
22		
23	plus Total revaluations	920
24		
25	Regulatory profit / (loss) before tax	5,166
26		
27	less Term credit spread differential allowance	—
28		
29	less Regulatory tax allowance	1,444
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	3,722
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	41
36	Commerce Act levies	21
37	Industry levies	29
38	CPP specified pass through costs	
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	2,568
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	2,659
47		

Company Name **Centralines**
 For Year Ended **31 March 2021**

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).

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sch ref

3(iii): Incremental Rolling Incentive Scheme

(\$000)

		CY-1 31 Mar 20	CY 31 Mar 21
51	Allowed controllable opex	4,964	4,226
52	Actual controllable opex	4,090	4,735
54	Incremental change in year		645
		Previous years' incremental change	Previous years' incremental change adjusted for inflation
57	CY-5 31 Mar 16	(283)	(283)
58	CY-4 31 Mar 17	139	136
59	CY-3 31 Mar 18	177	171
60	CY-2 31 Mar 19	442	416
61	CY-1 31 Mar 20	70	65
62	Net incremental rolling incentive scheme		505
64	Net recoverable costs allowed under incremental rolling incentive scheme		505

3(iv): Merger and Acquisition Expenditure

(\$000)

66	Merger and acquisition expenditure	
68	Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)	

3(v): Other Disclosures

(\$000)

71	Self-insurance allowance	
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Company Name **Centralines**
 For Year Ended **31 March 2021**

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

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2.

EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)

for year ended	RAB 31 Mar 17 (\$000)	RAB 31 Mar 18 (\$000)	RAB 31 Mar 19 (\$000)	RAB 31 Mar 20 (\$000)	RAB 31 Mar 21 (\$000)
Total opening RAB value	54,427	54,150	54,013	57,848	60,538
less Total depreciation	2,783	2,522	2,033	1,907	2,023
plus Total revaluations	1,179	595	795	1,457	920
plus Assets commissioned	1,350	1,846	5,064	3,437	2,552
less Asset disposals	23	49	38	297	33
plus Lost and found assets adjustment		(7)	47		–
plus Adjustment resulting from asset allocation					0
Total closing RAB value	54,150	54,013	57,848	60,538	61,954

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB * (\$000)	RAB (\$000)
Total opening RAB value	60,538	60,538
less Total depreciation	2,023	2,023
plus Total revaluations	920	920
plus Assets commissioned (other than below)	2,552	2,552
Assets acquired from a regulated supplier		
Assets acquired from a related party		
Assets commissioned	2,552	2,552
less Asset disposals (other than below)	33	33
Asset disposals to a regulated supplier		
Asset disposals to a related party		
Asset disposals	33	33
plus Lost and found assets adjustment		
plus Adjustment resulting from asset allocation		0
Total closing RAB value	61,954	61,954

* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide electricity distribution services without any allowance being made for the allocation of costs to services provided by the supplier that are not electricity distribution services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

Company Name **Centralines**
 For Year Ended **31 March 2021**

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

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2.

EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

51

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

53

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73

74

75

CPI₄

CPI₄⁻⁴

Revaluation rate (%)

Total opening RAB value

less Opening value of fully depreciated, disposed and lost assets

Total opening RAB value subject to revaluation

Total revaluations

1,068

1,052

1.52%

Unallocated RAB *

RAB

(\$000)

(\$000)

(\$000)

(\$000)

60,538

60,538

69

69

60,469

60,469

920

920

4(iv): Roll Forward of Works Under Construction

Unallocated works under

construction

Allocated works under construction

Works under construction—preceding disclosure year

plus Capital expenditure

less Assets commissioned

plus Adjustment resulting from asset allocation

Works under construction - current disclosure year

Highest rate of capitalised finance applied

948

948

4,469

4,469

2,552

2,552

2,865

2,865

Company Name **Centralines**
 For Year Ended **31 March 2021**

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

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2.

EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

4(v): Regulatory Depreciation

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

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
2,023		2,023	
	2,023		2,023

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	1,611	431	5,311	25,895	7,791	8,972	5,811	708	4,008	60,538
<i>less</i> Total depreciation	39	10	173	567	193	303	187	88	463	2,023
<i>plus</i> Total revaluations	25	7	81	394	118	136	88	11	60	920
<i>plus</i> Assets commissioned	9		214	745	405	445	466		268	2,552
<i>less</i> Asset disposals									33	33
<i>plus</i> Lost and found assets adjustment										-
<i>plus</i> Adjustment resulting from asset allocation										-
<i>plus</i> Asset category transfers										-
Total closing RAB value	1,606	428	5,433	26,467	8,121	9,250	6,178	631	3,840	61,954
Asset Life										
Weighted average remaining asset life	51.0	44.3	35.6	47.4	44.3	34.0	33.3	11.0	15.7	(years)
Weighted average expected total asset life	58.5	55.1	44.3	59.7	54.3	44.9	41.3	18.2	19.5	(years)

Company Name **Centralines**
 For Year Ended **31 March 2021**

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

sch ref

7	5a(i): Regulatory Tax Allowance				(5000)
8	Regulatory profit / (loss) before tax				5,166
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	6	*	
12		Amortisation of initial differences in asset values	1,255		
13		Amortisation of revaluations	315		
14					1,576
15					
16	less	Total revaluations	920		
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	664		
21					1,584
22					
23	Regulatory taxable income				5,157
24					
25	less	Utilised tax losses			
26		Regulatory net taxable income			5,157
27					
28		Corporate tax rate (%)	28%		
29	Regulatory tax allowance				1,444
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	12,545		
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			11,291
41					
42		Opening weighted average remaining useful life of relevant assets (years)			10
43					

Company Name **Centralines**
 For Year Ended **31 March 2021**

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

sch ref

44	5a(iv): Amortisation of Revaluations			(\$000)
45				
46	Opening sum of RAB values without revaluations	53,474		
47				
48	Adjusted depreciation	1,708		
49	Total depreciation	2,023		
50	Amortisation of revaluations		315	
51				
52	5a(v): Reconciliation of Tax Losses			(\$000)
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			(\$000)
59				
60	Opening deferred tax	(3,658)		
61				
62	plus Tax effect of adjusted depreciation	478		
63				
64	less Tax effect of tax depreciation	715		
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	(9)		
73				
74	plus Deferred tax cost allocation adjustment	(0)		
75				
76	Closing deferred tax			(4,237)
77				
78	5a(vii): Disclosure of Temporary Differences			
79	<i>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).</i>			
80				
81	5a(viii): Regulatory Tax Asset Base Roll-Forward			
82				(\$000)
83	Opening sum of regulatory tax asset values	28,238		
84	less Tax depreciation	2,555		
85	plus Regulatory tax asset value of assets commissioned	2,552		
86	less Regulatory tax asset value of asset disposals			
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			28,235

Company Name **Centralines**
 For Year Ended **31 March 2021**

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	22	
Vegetation management	–	
Routine and corrective maintenance and inspection	194	
Asset replacement and renewal (opex)	–	
Network opex		216
Business support	1,254	
System operations and network support	499	
Operational expenditure		1,969
Consumer connection	867	
System growth	(10)	
Asset replacement and renewal (capex)	432	
Asset relocations	–	
Quality of supply	80	
Legislative and regulatory	–	
Other reliability, safety and environment	292	
Expenditure on non-network assets		5
Expenditure on assets		1,666
Cost of financing		
Value of capital contributions		
Value of vested assets		
Capital Expenditure		1,666
Total expenditure		3,635
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	22
Unison Networks Limited	Routine and corrective maintenance and inspection	194
Unison Networks Limited	Business support	1,254
Unison Networks Limited	System operations and network support	499
Unison Networks Limited	Consumer connection	867
Unison Networks Limited	System growth	(10)
Unison Networks Limited	Asset replacement and renewal (capex)	432
Unison Networks Limited	Quality of supply	80
Unison Networks Limited	Expenditure on non-network assets	5
Unison Networks Limited	Other reliability, safety and environment	292
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
Total value of related party transactions		3,635

* include additional rows if needed

Company Name **Centralines**
 For Year Ended **31 March 2021**

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

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

–

Company Name **Centralines**
 For Year Ended **31 March 2021**

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)				OVABAA allocation increase (\$000s)
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	
7	Service interruptions and emergencies					
8	Directly attributable		320			
9	Not directly attributable				–	
10	Total attributable to regulated service		320			
11	Vegetation management					
12	Directly attributable		680			
13	Not directly attributable				–	
14	Total attributable to regulated service		680			
15	Routine and corrective maintenance and inspection					
16	Directly attributable		153			
17	Not directly attributable				–	
18	Total attributable to regulated service		153			
19	Asset replacement and renewal					
20	Directly attributable		689			
21	Not directly attributable				–	
22	Total attributable to regulated service		689			
23	System operations and network support					
24	Directly attributable		318			
25	Not directly attributable		(58)	(58)	(116)	
26	Total attributable to regulated service		260			
27	Business support					
28	Directly attributable		2,073			
29	Not directly attributable		560	157	717	
30	Total attributable to regulated service		2,633			
31	Operating costs directly attributable		4,233			
32	Operating costs not directly attributable	–	502	99	601	–
33	Operational expenditure		4,735			
34						
35						
36						
37						
38						

Company Name **Centralines**
 For Year Ended **31 March 2021**

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(ii): Other Cost Allocations

Pass through and recoverable costs

(\$000)

Pass through costs

Directly attributable

99

Not directly attributable

Total attributable to regulated service

99

Recoverable costs

Directly attributable

2,568

Not directly attributable

Total attributable to regulated service

2,568

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

Change in cost allocation 1

Cost category

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

(\$000)

CY-1

Current Year (CY)

-

-

Rationale for change

Change in cost allocation 2

Cost category

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

(\$000)

CY-1

Current Year (CY)

-

-

Rationale for change

Change in cost allocation 3

Cost category

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

(\$000)

CY-1

Current Year (CY)

-

-

Rationale for change

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

† include additional rows if needed

Company Name
For Year EndedCentralines
31 March 2021**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	1,606
Not directly attributable	
Total attributable to regulated service	1,606
Subtransmission cables	
Directly attributable	428
Not directly attributable	
Total attributable to regulated service	428
Zone substations	
Directly attributable	5,433
Not directly attributable	
Total attributable to regulated service	5,433
Distribution and LV lines	
Directly attributable	26,467
Not directly attributable	
Total attributable to regulated service	26,467
Distribution and LV cables	
Directly attributable	8,121
Not directly attributable	
Total attributable to regulated service	8,121
Distribution substations and transformers	
Directly attributable	9,250
Not directly attributable	
Total attributable to regulated service	9,250
Distribution switchgear	
Directly attributable	6,178
Not directly attributable	
Total attributable to regulated service	6,178
Other network assets	
Directly attributable	631
Not directly attributable	
Total attributable to regulated service	631
Non-network assets	
Directly attributable	3,840
Not directly attributable	
Total attributable to regulated service	3,840
Regulated service asset value directly attributable	61,954
Regulated service asset value not directly attributable	–
Total closing RAB value	61,954

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

Company Name **Centralines**
For Year Ended **31 March 2021**

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		1,911
9	System growth		16
10	Asset replacement and renewal		1,311
11	Asset relocations		1
12	Reliability, safety and environment:		
13	Quality of supply	339	
14	Legislative and regulatory	–	
15	Other reliability, safety and environment	293	
16	Total reliability, safety and environment		632
17	Expenditure on network assets		3,871
18	Expenditure on non-network assets		2,015
19			
20	Expenditure on assets		5,886
21	plus Cost of financing		
22	less Value of capital contributions		1,417
23	plus Value of vested assets		
24			
25	Capital expenditure		4,469
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	6a(iii): Consumer Connection		
31	Consumer types defined by EDB*	(\$000)	(\$000)
32	Residential	902	
33	Commercial	781	
34	Irrigation	103	
35	Customer Damage	125	
36	[EDB consumer type]		
37	* include additional rows if needed		
38	Consumer connection expenditure		1,911
39			
40	less Capital contributions funding consumer connection expenditure	1,417	
41	Consumer connection less capital contributions		494
42	6a(iv): System Growth and Asset Replacement and Renewal		
43		System Growth	Asset Replacement and Renewal
44		(\$000)	(\$000)
45	Subtransmission		17
46	Zone substations		42
47	Distribution and LV lines	11	690
48	Distribution and LV cables		119
49	Distribution substations and transformers	–	198
50	Distribution switchgear	5	245
51	Other network assets		
52	System growth and asset replacement and renewal expenditure	16	1,311
53	less Capital contributions funding system growth and asset replacement and renewal		
54	System growth and asset replacement and renewal less capital contributions	16	1,311
55			
56	6a(v): Asset Relocations		
57	Project or programme*	(\$000)	(\$000)
58	Move 50kVA ground mount transformer	1	
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		1
66	less Capital contributions funding asset relocations		
67	Asset relocations less capital contributions		1

Company Name **Centralines**
For Year Ended **31 March 2021**

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	<i>Project or programme*</i>	(\$000)	(\$000)	
71	Install new remote control switches	236		
72	Install new sectionaliser	89		
73	Upgrade transformer	14		
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		339	
79	less Capital contributions funding quality of supply			
80	Quality of supply less capital contributions		339	
81	6a(vii): Legislative and Regulatory			
82	<i>Project or programme*</i>	(\$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	<i>Project or programme*</i>	(\$000)	(\$000)	
95	Install new security system Waipawa zone substation	71		
96	Install new security system Waipukurau zone substation	72		
97	Install new security system Takapau zone substation	71		
98	Upgrade DC panel & battery bank at Takapau zone substation	79		
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		293	
103	less Capital contributions funding other reliability, safety and environment			
104	Other reliability, safety and environment less capital contributions		293	
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	<i>Project or programme*</i>	(\$000)	(\$000)	
109	Motor Vehicles	235		
110	Plant & Equipment	19		
111	Office Equipment	15		
112	Land	1,732		
113	Fibre	14		
114	* include additional rows if needed			
115	All other projects or programmes - routine expenditure			
116	Routine expenditure		2,015	
117	Atypical expenditure			
118	<i>Project or programme*</i>	(\$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		2,015	

Company Name

Centralines

For Year Ended

31 March 2021

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	320	
9	Vegetation management	680	
10	Routine and corrective maintenance and inspection	153	
11	Asset replacement and renewal	689	
12	Network opex		1,842
13	System operations and network support	260	
14	Business support	2,633	
15	Non-network opex		2,893
16			
17	Operational expenditure		4,735
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		
20	Direct billing*		
21	Research and development		
22	Insurance		174
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name

Centralines

For Year Ended

31 March 2021

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	14,134	15,031	6%
9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	1,021	1,911	87%
11	System growth		16	–
12	Asset replacement and renewal	1,752	1,311	(25%)
13	Asset relocations		1	–
14	Reliability, safety and environment:			
15	Quality of supply	832	339	(59%)
16	Legislative and regulatory		–	–
17	Other reliability, safety and environment	256	293	14%
18	Total reliability, safety and environment	1,088	632	(42%)
19	Expenditure on network assets	3,861	3,871	0%
20	Expenditure on non-network assets	3,375	2,015	(40%)
21	Expenditure on assets	7,236	5,886	(19%)
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	388	320	(18%)
24	Vegetation management	564	680	21%
25	Routine and corrective maintenance and inspection	200	153	(24%)
26	Asset replacement and renewal	495	689	39%
27	Network opex	1,647	1,842	12%
28	System operations and network support	233	260	12%
29	Business support	2,335	2,633	13%
30	Non-network opex	2,568	2,893	13%
31	Operational expenditure	4,215	4,735	12%
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		174	–
42				
43	<i>1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination</i>			
44	<i>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)</i>			

Company Name
For Year Ended
Network / Sub-Network Name

Centralines
31 March 2021

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(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)
CHT	Residential	Standard	2,828	15,507
CHG	Residential	Standard	32	154
CHC1	Residential	Standard	102	578
CHC2	Residential	Standard	5,343	26,174
CHC3	Residential	Standard	51	382
CHC4	Residential	Standard	47	726
CHC5	Residential	Standard	546	10,051
CHC6	General	Standard	1,515	2,867
CHC7	Irrigation	Standard	85	7,436
CHC8	Commercial	Standard	80	6,715
CHC9	Commercial	Standard	24	4,729
CHC10	Commercial	Standard	10	5,225
CHC11	Commercial	Standard	1	547
CHC12	Commercial	Standard	1	523
CHC13	Commercial	Standard	1	7,443
CHC14	Commercial	Standard	1	21,748
TTP	Commercial	Standard	15	110
U01	Commercial	Standard	155	330
U02	Commercial	Standard	3	413
U03	Commercial	Standard	1	150

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	8,889	111,341
Non-standard consumer totals		
Total for all consumers	8,889	111,341

Price component

Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)

Billed quantities by price component

24/7	ACD	CTRL	CTUD	NITE	PROJ	OPFK	ONPK	TAIC	DMND	EVAR	SOPD	WOPO	FIXED	DGIN	UNMT	DEFT
kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand - kW	kVar	Demand - kW	Demand - kW	Daily	Free	kWh	kWh
5,854,141	5,565,743	484,080	207,431	119,087	6,511	--	--	--	--	--	--	--	1,022,145	81,344	--	--
137,577	16,587	771	26	14	5,548	372,181	179,789	--	--	--	--	--	11,557	85,539	--	--
12,129,890	12,311,515	738,962	624,074	244,719	7,089	--	--	--	--	--	--	--	1,180,942	60,158	--	--
323,938	68,751	--	1,862	532	(2,667)	--	--	--	--	--	--	--	18,313	167,730	--	--
8,718,494	--	18,448	838,926	1170	6,262	496,245	232,776	--	--	--	--	--	31,180	--	--	--
3,820,231	--	133,375	321,867	13,806	--	--	--	--	--	--	--	--	137,714	--	--	--
4,043,149	--	11,178	2,383,125	1,092,545	18,317	--	--	--	--	--	--	--	471,297	--	--	--
4,620,177	--	22,596	108,907	870,449	1,429	--	--	--	401,376	1,521	133	1,475	17,447	9,324	--	--
1,769,226	--	--	846,096	249,379	61,651	--	--	--	1,882,813	4,629	290	4,629	8,621	10,177	--	--
--	--	--	--	--	--	--	--	--	5,089,291	17,172	1,538	16,685	3,471	--	--	136,025
--	--	--	--	--	--	--	--	--	546,175	2,692	494	1,801	365	--	--	--
--	--	--	--	--	--	--	--	--	322,687	1,579	79	1,523	365	--	--	--
--	--	--	--	--	--	--	--	--	7,140,586	16,564	86	15,472	365	--	--	--
--	--	--	--	--	--	--	--	--	21,747,772	45,638	66	45,520	365	--	--	--
(2,5218)	--	--	--	--	--	--	--	--	--	--	--	--	3,884	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330,393	--
--	--	--	--	--	--	--	--	--	--	--	--	--	330,294	--	413,411	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	109,501	--

Add extra columns for additional billed quantities by price component as necessary

40,595,171	20,986,519	1,437,961	5,408,370	2,908,218	142,865	889,129	412,556	37,531,242	89,432	3,142	85,991	1,523	3,422,381	478,118	853,327	136,025
40,595,171	20,986,519	1,437,961	5,408,370	2,908,218	142,865	889,129	412,556	37,531,242	89,432	3,142	85,991	1,523	3,422,381	478,118	853,327	136,025

Company Name
For Year Ended
Network / Sub-Network Name

Centralines
31 March 2021

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 E2B 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**

Total transmission
line charge
revenue (if
available)

Rate (eg. 5 per day, 5 per
kWh, etc.)

24JC	ACD	CTRL	CTUD	NITE	PROJ	OPFK	ONPK	TAJC	DMND	KVAR	SORD	WOPD	FIXED	DEEN	UNMT	DEFT
kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand - kW	kvar	Demand - kW	Demand - kW	Daily	Free	kWh	kWh
\$1,465	\$1,430	\$60	\$75	\$8	\$1	-	-	-	-	-	-	-	\$153	-	-	-
\$24	\$5	-	-	-	-	-	-	-	-	-	-	-	\$2	-	-	-
-	-	\$2	-	-	\$2	\$59	\$48	-	-	-	-	-	\$6	-	-	-
\$1,790	\$1,956	\$50	\$112	\$11	\$3	-	-	-	-	-	-	-	\$1,653	-	-	-
\$65	\$8	-	-	-	-	-	-	-	-	-	-	-	\$38	-	-	-
-	\$1	-	-	-	\$1	\$50	\$49	-	-	-	-	-	\$44	-	-	-
\$1,239	-	\$12	\$154	\$20	\$2	-	-	-	-	-	-	-	\$222	-	-	-
\$1,203	-	\$1	\$4	\$5	-	-	-	-	-	-	-	-	\$84	-	-	-
\$425	-	-	\$128	\$38	\$4	-	-	-	-	-	-	-	\$209	-	-	-
\$509	-	\$1	\$80	\$31	-	-	-	-	\$8	\$1	\$13	-	\$211	-	-	-
\$153	-	-	\$83	\$8	\$5	-	-	-	\$25	\$6	\$41	-	\$282	-	-	-
-	-	-	-	-	-	-	-	-	\$73	\$12	\$142	-	\$189	-	-	\$11
-	-	-	-	-	-	-	-	-	\$9	\$4	\$15	-	\$18	-	-	-
-	-	-	-	-	-	-	-	-	\$17	\$1	\$15	-	\$13	-	-	-
-	\$23	-	-	-	-	-	-	-	\$21	\$13	-	\$13	\$13	-	-	-
-	-	-	-	-	-	-	-	-	\$186	-	\$187	-	\$181	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	\$6	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$95	-
-	-	-	-	-	-	-	-	-	-	-	-	-	\$48	-	\$16	-
-	-	-	-	-	-	-	-	-	-	-	-	-	\$8	-	\$4	-
\$5,554	\$2,788	\$127	\$842	\$114	\$17	\$109	\$97	-	\$389	\$24	\$731	\$13	\$4,114	-	\$89	\$11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
\$5,554	\$2,788	\$127	\$842	\$114	\$17	\$109	\$97	-	\$389	\$24	\$731	\$13	\$4,114	-	\$89	\$11

Add extra columns
for additional line
charge revenues
by price
component as
necessary

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	\$15,031	(\$1,596)
Non-standard consumer totals	-	-
Total for all consumers	\$15,031	(\$1,596)

\$13,435	-
\$13,435	-

Check ☐ Error ☐

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

NI

Company Name **Centralines**
For Year Ended **31 March 2021**

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)
	Voltage	Asset category	Asset class	Units				
8	All	Overhead Line	Concrete poles / steel structure	No.	19,694	19,793	99	3
9	All	Overhead Line	Wood poles	No.	92	85	(7)	3
10	All	Overhead Line	Other pole types	No.	—	—	—	N/A
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	94	94	0	2
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	—	—	—	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	2	2	—	3
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	—	—	—	N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	—	—	—	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	—	—	—	N/A
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	—	—	—	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	—	—	—	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	—	—	—	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	—	—	—	N/A
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	—	—	—	N/A
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	3	3	—	3
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	—	—	—	N/A
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	—	—	—	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	—	—	—	N/A
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	—	—	—	N/A
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	17	24	7	3
28	HV	Zone substation switchgear	33kV RMU	No.	—	—	—	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	—	—	—	N/A
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	11	11	—	4
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	27	27	—	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	2	2	—	4
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	7	7	—	4
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,394	1,403	9	2
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	—	—	—	N/A
36	HV	Distribution Line	SWER conductor	km	—	—	—	N/A
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	35	37	1	3
38	HV	Distribution Cable	Distribution UG PILC	km	3	3	0	3
39	HV	Distribution Cable	Distribution Submarine Cable	km	—	—	—	N/A
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	93	96	3	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	—	—	—	N/A
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	3,336	3,387	51	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	6	6	—	4
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	19	20	1	4
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,190	2,234	44	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	185	190	5	3
47	HV	Distribution Transformer	Voltage regulators	No.	5	5	—	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	13	13	—	2
49	LV	LV Line	LV OH Conductor	km	201	202	0	2
50	LV	LV Cable	LV UG Cable	km	84	88	4	2
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	68	69	1	2
52	LV	Connections	OH/UG consumer service connections	No.	8,423	8,581	158	2
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	49	49	—	2
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	—	2
55	All	Capacitor Banks	Capacitors including controls	No	2	2	—	4
56	All	Load Control	Centralised plant	Lot	1	1	—	4
57	All	Load Control	Relays	No	11	11	—	1
58	All	Civils	Cable Tunnels	km	—	—	—	N/A

Company Name
For Year Ended
Network / Sub-network Name

Centralines
31 March 2021

SCHEDULE 9b: ASSET AGE PROFILE

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

sch ref	Disclosure Year (year ended)		Number of assets at disclosure year end by installation date																															No. with age unknown	Items at end of year (quantity)	No. with default dates	Data accuracy (1-4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Company Name

Centralines

For Year Ended

31 March 2021

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)	1,403	39
17	Low voltage (< 1kV)	202	88
18	Total circuit length (for supply)	1,699	129
19			
20	Dedicated street lighting circuit length (km)	45	24
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		7
22			
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)
24	Urban	140	8%
25	Rural	1,144	67%
26	Remote only	44	3%
27	Rugged only	371	22%
28	Remote and rugged	—	—
29	Unallocated overhead lines	—	—
30	Total overhead length	1,699	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	270	15%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	1,699	100%

Company Name **Centralines**
 For Year Ended **31 March 2021**

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

	Location *	Number of ICPs served	Line charge revenue (\$000)
8			
9	Nil		
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

For Year Ended

31 March 2021

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

Number of ICPs connected in year by consumer type

Consumer types defined by EDB*

Residential
Commercial
Irrigation
Non Domestic

* include additional rows if needed

Connections total

Number of
connections (ICPs)

143
14
1
21

179

Distributed generation

Number of connections made in year

Capacity of distributed generation installed in year

40

connections

0.27

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)

Load factor

Energy (GWh)

119
-
0
-
119
111

6.7%

0.62

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)

102
11
113
47

Company Name	Centralines
For Year Ended	31 March 2021
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****Number of interruptions**

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)

–
121
126
–
–
–
–
–
11
258

Total**Interruption restoration****≤3Hrs >3hrs**

Class C interruptions restored within

100	26
-----	----

SAIFI and SAIDI by class**SAIFI SAIDI**

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)

–	–
0.37	73.3
1.49	83.4
–	–
–	–
–	–
–	–
–	–
0.29	6.1
2.15	162.8

Total**Normalised SAIFI and SAIDI****Normalised SAIFI Normalised SAIDI**

Classes B & C (interruptions on the network)

1.86	156.7
------	-------

Company Name **Centralines**
 For Year Ended **31 March 2021**
 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.

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

Cause

	SAIFI	SAIDI
Lightning	0.03	0.4
Vegetation	0.13	9.7
Adverse weather	0.03	4.8
Adverse environment	–	–
Third party interference	0.28	36.7
Wildlife	0.07	6.8
Human error	0.00	0.0
Defective equipment	0.27	13.3
Cause unknown	0.67	11.7

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

Main equipment involved

	SAIFI	SAIDI
Subtransmission lines	–	–
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.34	71.1
Distribution cables (excluding LV)	0.03	2.2
Distribution other (excluding LV)	–	–

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

Main equipment involved

	SAIFI	SAIDI
Subtransmission lines	0.09	4.9
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	1.34	78.0
Distribution cables (excluding LV)	0.06	0.5
Distribution other (excluding LV)	–	–

10(v): Fault Rate

Main equipment involved

	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	1	94	1.06
Subtransmission cables	–	2	–
Subtransmission other	–	–	–
Distribution lines (excluding LV)	121	1,403	8.62
Distribution cables (excluding LV)	4	39	10.16
Distribution other (excluding LV)	–	–	–
Total	126		

Company Name	Centralines Limited
For Year Ended	31 March 2021

Schedule 14 Mandatory Explanatory Notes

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

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

Return on Investment (Schedule 2)

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

Box 1: Explanatory comment on return on investment
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 \$212k included in 3(i)

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

Entertainment expenditure – non-deductible 6

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 2021 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)

Consumer Connections:

There has again been increased demand for customer connections requiring complex network alterations and has resulted in an overspend in our Customer Contributions budget

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:

All of the jobs in this category were carried out by external contractors, prices have gone up from initially budgeted for, resulting in an overspend of the Other Reliability, Safety and Environment budget.

Non-network assets

The under spend is a result of the timing of the spend on the new depot.

7(iii)

Service interruptions and emergencies:

There has been less fault work than anticipated which is reflected in the SAIDI figures for the 20 - 21 year.

Vegetation management

A decision was made to continue to use external contractors for the whole year, resulting in a higher than budgeted spend.

Routine and Corrective Maintenance and Inspection:

As with previous years, aerial inspections via helicopter saved time and cost, resulting in the underspend in the planned Routine and Corrective Maintenance, and Inspection budget

Asset replacement and renewal:

Having to complete the previous year's deferred work as well as the current year has resulted in an overspend of the Asset replacement and renewal budget.

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

Line Revenue is \$897,000 ahead of budget (up 6%). This has been driven by increased volumes in the irrigation (3.5 GWh) and residential (2.9 GWh) price categories.

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

Unplanned network performance during the 2021 assessment period was very positive, with SAIDI and SAIFI from most outage causes seeing decreases relative to historical averages. Favourable weather conditions across the network was a notable contributor to these decreases.

Planned network performance was in line with historical averages.

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 insures all its assets for Material Damage and Business Interruption cover. 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 \$38.5M 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	<u>Centralines Limited</u>
For Year Ended	<u>31 March 2021</u>

Schedule 15 Voluntary Explanatory Notes

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

1. This schedule enables EDBs to provide, should they wish to-
 - 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

Successive interruptions have been treated in the same way for the 2021 disclosure year as they were for the 2019 and 2020 disclosure years.

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 3(iii) Incremental Rolling Incentive Scheme

Allowed controllable opex in row 51 is sourced from the Commerce Commission's DPP Determinations. Actual controllable opex is Centralines' reported operating expenses for FY2020 and FY2021.

Incremental changes in opex in rows 57-61 are calculated by measuring the difference in opex from each financial year as follows:

	OPEX	Incremental change
31-Mar-15	3545	
31-Mar-16	3262	-283
31-Mar-17	3401	139
31-Mar-18	3578	177
31-Mar-19	4020	442
31-Mar-20	4090	70

CPI is sourced from Statistics New Zealand with the inflation adjusted incremental changes in opex deflated using the cumulative change in CPI as follows:

	CPI	CPI Cumulative	Real incremental change
31-Mar-15			
31-Mar-16		1	-283
31-Mar-17	1.021	1.021	136
31-Mar-18	1.015	1.037	171
31-Mar-19	1.025	1.063	416
31-Mar-20	1.015	1.079	65

The formulas in cells T62 and T64 of Schedule 3iii do not replicate the calculations set out in the Electricity Distribution Services (Input Methodologies) Determination 2012 as at 20 May 2020, nor do they include the impacts of the Capex IRIS Scheme. The net recoverable costs under the incremental rolling incentive scheme should be \$839,000 as reported in Centralines' Default Price Quality Path Compliance Statement for FY2021. Had this value been used, Centralines would have disclosed in Schedule 2 an ROI comparable to post tax WACC excluding revenues from financial incentives of 5.03% (cell M11) and an ROI comparable to a vanilla WACC excluding revenues from financial incentives of 5.37% (cell

M21).

Schedule 8 Line revenue and Schedule 3(i) Regulatory Profit

In Schedule 8, cell N74 reports an error if the sum of total distribution line charge revenue (cell M72) and total transmission line charge revenue (if available) (cell N72) is not equal to the sum of total line charge revenue in disclosure year (cell G72). However, total distribution line charge revenue in column M is equal to the sum of total line charge revenue (Column G) less Notional revenue foregone from posted discounts (Column H). Accordingly, if posted discounts are non-zero, cell N74 will always report an error. There appears to be an error in the Commission's check formula.

Cell T9 in Schedule 3(i) refers to gross line charge revenue (cell G72), not net line charge revenue (i.e., after posted discounts) (cell M72) in Schedule 8. Accordingly, we have corrected cell T9 to refer to net line charge revenue (M72) to ensure the correct calculation of regulatory profit.

CENTRALINES LIMITED – RELATED PARTY TRANSACTIONS - FOR YEAR ENDED 31 MARCH 2021

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.





Certification for Year-end Disclosures 31 March, 2021

Schedule 18, Clause 2.9.2

We, Ian Walker and Derek Walker, 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 clauses 2.3.6(2) of the Electricity Distribution Information Disclosure Determination 2012.

Director

Date: 31 August 2021

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Director

Date: 31 August 2021

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 2021
as required by
the electricity distribution information disclosure determination 2012**

The Centralines Limited (the Company) is required to disclose certain information under the Electricity Distribution Information Disclosure Determination 2012 (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 2021 (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 (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 17 May 2021 under clause 2.11 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) Assurance Engagements on Compliance, issued by the New Zealand Auditing and Assurance Standards Board. An engagement conducted in accordance with SAE (NZ) 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 Audit Matters

Key audit 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 audit, and in forming our opinion. We do not provide a separate opinion on these matters.

Key audit matter	How our procedures addressed the key audit matter
<p><i>Valuation of related-party transactions at arms-length</i></p> <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 related-party transaction is difficult.</p>	<p>We have obtained an understanding of the Company's approach to value 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 not greater than arm's-length included:</p> <ul style="list-style-type: none"> • testing the completeness of the related parties identified through review of Board minutes, review of Companies Office records, and related-parties identified through detailed testing of transactions

<p>This a key audit matter because the requirement 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>and balances in the annual financial statements audit;</p> <ul style="list-style-type: none"> • reviewing the relevant policies for approval and negotiation of related-party transactions, and testing compliance with them; • 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; and • confirming the material accuracy of related party values disclosed, and compliance of their calculation with the Determination and the IM Determination.
<p><i>Accuracy of the number and duration of electricity outages</i></p> <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 audit 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 the Company's performance is assessed.</p> <p>There can also be significant consequences if the Company breaches the reliability thresholds.</p> <p>The Commission has issued an Exemption notice which excludes the assurance report from coverage of the information, in Schedule 10 of the Determination, for any issues arising out of the Company's recording of SAIDI, SAIFI and number of interruptions due to successive interruptions. We need to ensure that the Company meets the criteria for the Exemption to apply, including that</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, 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 all 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

<p>it makes the necessary disclosures so the exclusion to the assurance opinion applies.</p>	<p>calculations was appropriately extracted from the automated system;</p> <ul style="list-style-type: none"> • testing a sample of interruptions to supply to source records to conclude whether they were correctly categorised; • checked the SAIDI and SAIFI ratios were correctly calculated in accordance with the Determination and the IM Determination; • obtained 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 assessed the likelihood of reported electricity outages and their duration being materially misstated in the Disclosure Information, we have no matters to report.</p>
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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.
- 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 (NZ) 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 independence and ethical requirements of Professional and Ethical Standard 1 issued by the New Zealand Auditing and Assurance Standards Board; and
- quality control requirements, which incorporate the quality control requirements of Professional and Ethical Standard 3 (Amended) issued by the New Zealand Auditing and Assurance Standards Board.

The Auditor-General, and his 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, the assurance engagement on Default Price-Quality Path 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 2021