



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

Company Name

Centralines Limited

Disclosure Date

30 October 2020

Disclosure Year (year ended)

31 March 2020

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

Table of Contents

Schedule	Schedule name
1	ANALYTICAL RATIOS
2	REPORT ON RETURN ON INVESTMENT
3	REPORT ON REGULATORY PROFIT
4	REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)
5a	REPORT ON REGULATORY TAX ALLOWANCE
5b	REPORT ON RELATED PARTY TRANSACTIONS
5c	REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE
5d	REPORT ON COST ALLOCATIONS
5e	REPORT ON ASSET ALLOCATIONS
6a	REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR
6b	REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR
7	COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE
8	REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES
9a	ASSET REGISTER
9b	ASSET AGE PROFILE
9c	REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES
9d	REPORT ON EMBEDDED NETWORKS
9e	REPORT ON NETWORK DEMAND
10	REPORT ON NETWORK RELIABILITY

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 Limited**
 For Year Ended **31 March 2020**

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	36,864	468	194,762	2,256	43,053
Network	13,376	170	70,667	819	15,621
Non-network	23,489	298	124,095	1,437	27,432
Expenditure on assets	42,741	543	225,810	2,616	49,916
Network	36,234	460	191,429	2,217	42,316
Non-network	6,508	83	34,381	398	7,600

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	132,324	1,681
Standard consumer line charge revenue	132,324	1,681
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	12,703	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	4,090	27.56%
Pass-through and recoverable costs excluding financial incentives and wash-ups	2,997	20.19%
Total depreciation	1,907	12.85%
Total revaluations	1,457	9.82%
Regulatory tax allowance	1,416	9.54%
Regulatory profit/(loss) including financial incentives and wash-ups	5,888	39.67%
Total regulatory income	14,841	

1(v): Reliability

Interruption rate	13.62	Interruptions per 100 circuit km
-------------------	-------	----------------------------------

Company Name **Centralines Limited**
 For Year Ended **31 March 2020**

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 18	31 Mar 19	31 Mar 20
	%	%	%
Reflecting all revenue earned	8.63%	9.29%	10.43%
Excluding revenue earned from financial incentives	8.46%	9.11%	10.40%
Excluding revenue earned from financial incentives and wash-ups	7.54%	8.15%	9.42%
Mid-point estimate of post tax WACC	5.04%	4.75%	4.27%
25th percentile estimate	4.36%	4.07%	3.59%
75th percentile estimate	5.72%	5.43%	4.95%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	9.22%	9.80%	10.85%
Excluding revenue earned from financial incentives	9.05%	9.62%	10.82%
Excluding revenue earned from financial incentives and wash-ups	8.13%	8.66%	9.85%
WACC rate used to set regulatory price path	7.19%	7.19%	7.19%
Mid-point estimate of vanilla WACC	5.60%	5.26%	4.69%
25th percentile estimate	4.92%	4.58%	4.01%
75th percentile estimate	6.29%	5.94%	5.37%

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

57,848	
(3,157)	
	54,691
	14,681
7,087	
3,437	
297	
915	
160	
	10,982
	–
60,538	
0	
–	
(3,658)	
	56,879

ROI – comparable to a vanilla WACC

Leverage (%)
 Cost of debt assumption (%)
 Corporate tax rate (%)

ROI – comparable to a post tax WACC

10.85%
42%
3.61%
28%
10.43%

Company Name **Centralines Limited**
 For Year Ended **31 March 2020**

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(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	9.14%
Year-end ROI – comparable to a post tax WACC	8.71%

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

2(v): Financial Incentives and Wash-Ups

Net recoverable costs allowed under incremental rolling incentive scheme	–
Purchased assets – avoided transmission charge	
Energy efficiency and demand incentive allowance	
Quality incentive adjustment	21
Other financial incentives	
Financial incentives	21
Impact of financial incentives on ROI	0.03%
Input methodology claw-back	503
CPP application recoverable costs	
Catastrophic event allowance	
Capex wash-up adjustment	(83)
Transmission asset wash-up adjustment	
2013–15 NPV wash-up allowance	292
Reconsideration event allowance	
Other wash-ups	
Wash-up costs	712
Impact of wash-up costs on ROI	0.98%

Company Name **Centralines Limited**
 For Year Ended **31 March 2020**

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	14,681	
10	plus Gains / (losses) on asset disposals		
11	plus Other regulated income (other than gains / (losses) on asset disposals)	160	
12			
13	Total regulatory income	14,841	
14	Expenses		
15	less Operational expenditure	4,090	
16			
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	2,997	
18			
19	Operating surplus / (deficit)	7,754	
20			
21	less Total depreciation	1,907	
22			
23	plus Total revaluations	1,457	
24			
25	Regulatory profit / (loss) before tax	7,304	
26			
27	less Term credit spread differential allowance	–	
28			
29	less Regulatory tax allowance	1,416	
30			
31	Regulatory profit/(loss) including financial incentives and wash-ups	5,888	
32			
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups		(\$000)
34	Pass through costs		
35	Rates	42	
36	Commerce Act levies	22	
37	Industry levies	26	
38	CPP specified pass through costs		
39	Recoverable costs excluding financial incentives and wash-ups		
40	Electricity lines service charge payable to Transpower	2,907	
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	2,997	
47			

Company Name **Centralines Limited**
 For Year Ended **31 March 2020**

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

		(\$000)	
		CY-1 31 Mar 19	CY 31 Mar 20
48	3(iii): Incremental Rolling Incentive Scheme		
49			
50			
51	Allowed controllable opex		
52	Actual controllable opex		
53			
54	Incremental change in year		
55			
		Previous years' incremental change	Previous years' incremental change adjusted for inflation
56			
57	CY-5 31 Mar 15		
58	CY-4 31 Mar 16		
59	CY-3 31 Mar 17		
60	CY-2 31 Mar 18		
61	CY-1 31 Mar 19		
62	Net incremental rolling incentive scheme		—
63			
64	Net recoverable costs allowed under incremental rolling incentive scheme		—
65	3(iv): Merger and Acquisition Expenditure		
70			(\$000)
66	Merger and acquisition expenditure		
67			
68	<i>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)</i>		
69	3(v): Other Disclosures		
70			(\$000)
71	Self-insurance allowance		

Company Name **Centralines Limited**For Year Ended **31 March 2020****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 16 (\$000)	RAB 31 Mar 17 (\$000)	RAB 31 Mar 18 (\$000)	RAB 31 Mar 19 (\$000)	RAB 31 Mar 20 (\$000)
Total opening RAB value	54,680	54,427	54,150	54,013	57,848
less Total depreciation	2,741	2,783	2,522	2,033	1,907
plus Total revaluations	321	1,179	595	795	1,457
plus Assets commissioned	2,193	1,350	1,846	5,064	3,437
less Asset disposals	26	23	49	38	297
plus Lost and found assets adjustment			(7)	47	–
plus Adjustment resulting from asset allocation					0
Total closing RAB value	54,427	54,150	54,013	57,848	60,538

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB *	RAB
	(\$000)	(\$000)
Total opening RAB value	57,848	57,848
less Total depreciation	1,907	1,907
plus Total revaluations	1,457	1,457
plus Assets commissioned (other than below)	3,437	3,437
Assets acquired from a regulated supplier		
Assets acquired from a related party		
Assets commissioned	3,437	3,437
less Asset disposals (other than below)	297	297
Asset disposals to a regulated supplier		
Asset disposals to a related party		
Asset disposals	297	297
plus Lost and found assets adjustment		
plus Adjustment resulting from asset allocation		0
Total closing RAB value	60,538	60,538

* 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 Limited**For Year Ended **31 March 2020****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

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

CPI_tCPI_t⁻⁴

Revaluation rate (%)

1,052

1,026

2.53%

Unallocated RAB *

RAB

(\$000)

(\$000)

(\$000)

(\$000)

Total opening RAB value

57,848

57,848

less Opening value of fully depreciated, disposed and lost assets

361

361

Total opening RAB value subject to revaluation

57,487

57,487

Total revaluations

1,457

1,457

4(iv): Roll Forward of Works Under Construction

Unallocated works under

construction

Allocated works under construction

Works under construction—preceding disclosure year

497

497

plus Capital expenditure

3,888

3,888

less Assets commissioned

3,437

3,437

plus Adjustment resulting from asset allocation

Works under construction - current disclosure year

948

948

Highest rate of capitalised finance applied

Company Name **Centralines Limited**For Year Ended **31 March 2020****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)
1,907	1,907	
	1,907	1,907

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	1,608	430	5,327	24,755	7,324	8,629	4,930	774	4,071	57,848
<i>less</i> Total depreciation	38	10	168	535	179	286	158	86	447	1,907
<i>plus</i> Total revaluations	41	11	135	627	186	218	125	20	94	1,457
<i>plus</i> Assets commissioned			17	1,048	460	411	914		587	3,437
<i>less</i> Asset disposals									297	297
<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	1,611	431	5,311	25,895	7,791	8,972	5,811	708	4,008	60,538
Asset Life										
Weighted average remaining asset life	50.7	44.2	35.4	46.9	43.7	33.3	32.4	10.7	16.0	(years)
Weighted average expected total asset life	58.4	55.1	44.2	59.7	54.5	44.9	41.9	17.9	20.1	(years)

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).

sch ref

S5a.Regulatory Tax Allowance

Company Name **Centralines Limited**
 For Year Ended **31 March 2020**

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	51,902		
47				
48	Adjusted depreciation	1,572		
49	Total depreciation	1,907		
50	Amortisation of revaluations		335	
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	(3,157)		
61				
62	plus Tax effect of adjusted depreciation	440		
63				
64	less Tax effect of tax depreciation	673		
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	(83)		
73				
74	plus Deferred tax cost allocation adjustment	(0)		
75				
76	Closing deferred tax		(3,658)	
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			(\$000)
82				
83	Opening sum of regulatory tax asset values	27,206		
84	less Tax depreciation	2,405		
85	plus Regulatory tax asset value of assets commissioned	3,437		
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		28,238	

Company Name **Centralines Limited**
 For Year Ended **31 March 2020**

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	21	
Vegetation management	–	
Routine and corrective maintenance and inspection	78	
Asset replacement and renewal (opex)	–	
Network opex		99
Business support	1,177	
System operations and network support	504	
Operational expenditure		1,780
Consumer connection	1,048	
System growth	63	
Asset replacement and renewal (capex)	532	
Asset relocations	–	
Quality of supply	29	
Legislative and regulatory	–	
Other reliability, safety and environment	–	
Expenditure on non-network assets		5
Expenditure on assets		1,677
Cost of financing		
Value of capital contributions		
Value of vested assets		
Capital Expenditure		1,677
Total expenditure		3,457
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	21
Unison Networks Limited	Business support	1,177
Unison Networks Limited	Routine and corrective maintenance and inspection	78
Unison Networks Limited	System operations and network support	504
Unison Networks Limited	Consumer connection	1,048
Unison Networks Limited	System growth	63
Unison Networks Limited	Asset replacement and renewal (capex)	532
Unison Networks Limited	Quality of supply	29
Unison Networks Limited	Expenditure on non-network assets	5
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
Total value of related party transactions		3,457

* include additional rows if needed

Company Name

Centralines Limited

For Year Ended

31 March 2020

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

7

8

9

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

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

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 Limited**For Year Ended **31 March 2020****SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

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

sch ref

5d(i): Operating Cost Allocations

		Value allocated (\$000s)				
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)	
Service interruptions and emergencies						
Directly attributable		382				
Not directly attributable				–		
Total attributable to regulated service		382				
Vegetation management						
Directly attributable		606				
Not directly attributable				–		
Total attributable to regulated service		606				
Routine and corrective maintenance and inspection						
Directly attributable		81				
Not directly attributable				–		
Total attributable to regulated service		81				
Asset replacement and renewal						
Directly attributable		416				
Not directly attributable				–		
Total attributable to regulated service		416				
System operations and network support						
Directly attributable		277				
Not directly attributable		(6)	(6)	(12)		
Total attributable to regulated service		271				
Business support						
Directly attributable		1,914				
Not directly attributable		421	57	478		
Total attributable to regulated service		2,335				
Operating costs directly attributable		3,676				
Operating costs not directly attributable		–	415	51	466	
Operational expenditure		4,091				

Company Name **Centralines Limited**
 For Year Ended **31 March 2020**

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

90

Not directly attributable

Total attributable to regulated service

90

Recoverable costs

Directly attributable

2,907

Not directly attributable

Total attributable to regulated service

2,907

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

(\$000)

Change in cost allocation 1

Cost category

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

CY-1

Current Year (CY)

—

—

Rationale for change

(\$000)

Change in cost allocation 2

Cost category

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

CY-1

Current Year (CY)

—

—

Rationale for change

(\$000)

Change in cost allocation 3

Cost category

Original allocator or line items

New allocator or line items

Original allocation

New allocation

Difference

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

Centralines Limited

For Year Ended

31 March 2020

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	1,611
Not directly attributable	
Total attributable to regulated service	1,611
Subtransmission cables	
Directly attributable	431
Not directly attributable	
Total attributable to regulated service	431
Zone substations	
Directly attributable	5,311
Not directly attributable	
Total attributable to regulated service	5,311
Distribution and LV lines	
Directly attributable	25,895
Not directly attributable	
Total attributable to regulated service	25,895
Distribution and LV cables	
Directly attributable	7,791
Not directly attributable	
Total attributable to regulated service	7,791
Distribution substations and transformers	
Directly attributable	8,972
Not directly attributable	
Total attributable to regulated service	8,972
Distribution switchgear	
Directly attributable	5,811
Not directly attributable	
Total attributable to regulated service	5,811
Other network assets	
Directly attributable	708
Not directly attributable	
Total attributable to regulated service	708
Non-network assets	
Directly attributable	4,008
Not directly attributable	
Total attributable to regulated service	4,008
Regulated service asset value directly attributable	60,538
Regulated service asset value not directly attributable	–
Total closing RAB value	60,538

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 compone

† include additional rows if needed

Company Name **Centralines Limited**For Year Ended **31 March 2020****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		1,789
9	System growth		181
10	Asset replacement and renewal		1,330
11	Asset relocations		–
12	Reliability, safety and environment:		
13	Quality of supply	720	
14	Legislative and regulatory	–	
15	Other reliability, safety and environment	–	
16	Total reliability, safety and environment		720
17	Expenditure on network assets		4,020
18	Expenditure on non-network assets		722
19			
20	Expenditure on assets		4,742
21	plus Cost of financing		
22	less Value of capital contributions		854
23	plus Value of vested assets		
24			
25	Capital expenditure		3,888
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	<i>Consumer types defined by EDB*</i>	(\$000)	(\$000)
32	Residential	907	
33	Irrigation	162	
34	Commercial	662	
35	Customer Damage	58	
36	[EDB consumer type]		
37	<i>* include additional rows if needed</i>		
38	Consumer connection expenditure		1,789
39			
40	less Capital contributions funding consumer connection expenditure	854	
41	Consumer connection less capital contributions		935
42	6a(iv): System Growth and Asset Replacement and Renewal		
43		System Growth	Asset Replacement and Renewal
44		(\$000)	(\$000)
45	Subtransmission		
46	Zone substations		17
47	Distribution and LV lines	26	779
48	Distribution and LV cables	112	96
49	Distribution substations and transformers	40	147
50	Distribution switchgear	3	291
51	Other network assets		
52	System growth and asset replacement and renewal expenditure	181	1,330
53	less Capital contributions funding system growth and asset replacement and renewal		
54	System growth and asset replacement and renewal less capital contributions	181	1,330
55			
56	6a(v): Asset Relocations		
57	<i>Project or programme*</i>	(\$000)	(\$000)
58	[Description of material project or programme]		
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	<i>* include additional rows if needed</i>		
64	All other projects or programmes - asset relocations		
65	Asset relocations expenditure		–
66	less Capital contributions funding asset relocations		
67	Asset relocations less capital contributions		–

Company Name **Centralines Limited**For Year Ended **31 March 2020****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		365		
72	Install new ENTECs		176		
73	Install voltage constraint		179		
74	[Description of material project or programme]				
75	[Description of material project or programme]				
76	<i>* include additional rows if needed</i>				
77	All other projects programmes - quality of supply				
78	Quality of supply expenditure			720	
79	less Capital contributions funding quality of supply				
80	Quality of supply less capital contributions			720	
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	<i>* include additional rows if needed</i>				
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	[Description of material project or programme]				
96	[Description of material project or programme]				
97	[Description of material project or programme]				
98	[Description of material project or programme]				
99	[Description of material project or programme]				
100	<i>* include additional rows if needed</i>				
101	All other projects or programmes - other reliability, safety and environment				
102	Other reliability, safety and environment expenditure			—	
103	less Capital contributions funding other reliability, safety and environment				
104	Other reliability, safety and environment less capital contributions			—	
105					
106	6a(ix): Non-Network Assets				
107	Routine expenditure				
108	<i>Project or programme*</i>		(\$000)	(\$000)	
109	Motor Vehicles		417		
110	Plant & Equipment		154		
111	Office Equipment		16		
112	Land		135		
113	[Description of material project or programme]				
114	<i>* include additional rows if needed</i>				
115	All other projects or programmes - routine expenditure				
116	Routine expenditure			722	
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	<i>* include additional rows if needed</i>				
125	All other projects or programmes - atypical expenditure				
126	Atypical expenditure			—	
127					
128	Expenditure on non-network assets			722	

Company Name

Centralines Limited

For Year Ended

31 March 2020

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	382	
9	Vegetation management	606	
10	Routine and corrective maintenance and inspection	80	
11	Asset replacement and renewal	416	
12	Network opex		1,484
13	System operations and network support	271	
14	Business support	2,335	
15	Non-network opex		2,606
16			
17	Operational expenditure		4,090
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		146
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name **Centralines Limited**
For Year Ended **31 March 2020**

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	14,326	14,681	2%
9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	408	1,789	338%
11	System growth		181	–
12	Asset replacement and renewal	1,445	1,330	(8%)
13	Asset relocations		–	–
14	Reliability, safety and environment:			
15	Quality of supply	1,261	720	(43%)
16	Legislative and regulatory		–	–
17	Other reliability, safety and environment	89	–	(100%)
18	Total reliability, safety and environment	1,350	720	(47%)
19	Expenditure on network assets	3,203	4,020	26%
20	Expenditure on non-network assets	3,710	722	(81%)
21	Expenditure on assets	6,913	4,742	(31%)
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	325	382	18%
24	Vegetation management	564	606	7%
25	Routine and corrective maintenance and inspection	200	80	(60%)
26	Asset replacement and renewal	495	416	(16%)
27	Network opex	1,584	1,484	(6%)
28	System operations and network support	233	271	16%
29	Business support	2,335	2,335	–
30	Non-network opex	2,568	2,606	1%
31	Operational expenditure	4,152	4,090	(1%)
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		146	–
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 Limited
31 March 2020
Centralines Limited

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

Billed quantities by price component

Price component

Unit charging basis (eg. dph, kWh of demand, kVA of capacity, etc.)

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)
CTE	Residential	Standard	2,802	16,726
CH06	Residential	Standard	18	81
CH07	Residential	Standard	95	551
CH08	Residential	Standard	3,308	25,232
CH09	Residential	Standard	37	282
CH07	Residential	Standard	44	382
CH09	General	Standard	138	10,389
CH05	General	Standard	1,121	2,824
CH03	Industrial	Standard	82	7,227
CH0	Commercial	Standard	87	6,426
CH4	Commercial	Standard	23	6,177
CH5	Commercial	Standard	9	6,392
CH6	Commercial	Standard	1	561
CH8	Commercial	Standard	1	551
CH14	Commercial	Standard	1	7,408
CH15	Commercial	Standard	1	22,884
T1P	Commercial	Standard	11	12
U01	Commercial	Standard	152	325
U02	Commercial	Standard	3	435
U03	Commercial	Standard	1	133

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

Standard consumer totals	8,734	110,947
Non-standard consumer totals	—	—
Total for all consumers	8,734	110,947

24UC	AC0	CTBL	CTUD	NITE	PROJ	OPFK	ONPK	TAIC	DMND	KVAR	SOPD	WOPD	FIXED	DGEN	UNMT	
kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand - kW	kVar	Demand - kW	Demand - kW	Daily	Free	kWh	
4,094,288	8,827,420	564,762	216,377	127,800	2,789									1,014,412	85,611	
72,782	9,674													5,471	49,987	
		17,665						39,835	317,418	156,246					34,009	
10,579,894	13,082,862	995,945	522,587	247,512	2,887									1,176,397	76,400	
135,680	20,312	3,793	535	2,887										13,463	128,476	
		6,570		17				8,953	247,570	118,663					15,416	
9,118,611	119,374	856,393	304,104	856											195,160	
2,781,678	24,176	1,647	1,145												477,019	
3,667,531	49	3,378,722	1,168,026	11,886											28,623	
								762,045	1,859	291	1,779				31,132	106
4,146,098	21,849	971,678	384,960	31					2,085,520	3,090	866	4,920			8,102	1,817
1,864,809		938,292	270,186	27,879					5,292,400	16,819	1,598	16,496			9,394	
									565,578	2,008	484	1,871			366	
									551,146	1,779	18		1,721		366	
									7,409,246	16,474	292	13,086			366	
									22,884,030	47,847	37	46,485				
11,699															3,401	
																324,766
																432,621
																54,168
																112,920
37,569,125	21,964,877	1,689,783	5,928,359	2,513,256	100,554	584,988	274,809	39,449,946	91,575	3,482	87,223	1,721	3,390,635	316,387	870,247	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37,569,125	21,964,877	1,689,783	5,928,359	2,513,256	100,554	584,988	274,809	39,449,946	91,575	3,482	87,223	1,721	3,390,635	316,387	870,247	—

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

Company Name
For Year Ended
Network / Sub-Network Name

Centralines Limited
31 March 2020
Centralines Limited

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

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

Line charge revenues (\$000) by price component

Price component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)
CH01	Residential	Standard	\$2,746	
CH05	Residential	Standard	\$19	
CH07	Residential	Standard	\$101	
CH08	Residential	Standard	\$4,716	
CH09	Residential	Standard	\$63	
CH12	Residential	Standard	\$66	
CH20	General	Standard	\$1,623	
CH21	General	Standard	\$1,110	
CH23	Industrial	Standard	\$945	
CH3	Commercial	Standard	\$904	
CH4	Commercial	Standard	\$574	
CH5	Commercial	Standard	\$414	
CH6	Commercial	Standard	\$56	
CH8	Commercial	Standard	\$55	
CH9	Commercial	Standard	\$271	
CH10	Commercial	Standard	\$871	
TFP	Commercial	Standard	\$7	
UB1	Commercial	Standard	\$45	
UB2	Commercial	Standard	\$77	
UB3	Commercial	Standard	\$18	

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

Standard consumer totals	\$14,681	—
Non-standard consumer totals	—	—
Total for all consumers	\$14,681	—

Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, 5 per day, 5 per kWh, etc.)
\$2,746		
\$19		
\$101		
\$4,716		
\$63		
\$66		
\$1,623		
\$1,110		
\$945		
\$904		
\$574		
\$414		
\$56		
\$55		
\$271		
\$871		
\$7		
\$45		
\$77		
\$18		

Check ☒ OK

24UC	AKC	CTL	CTUD	NTE	PROJ	OPK	ONPK	TALC	DAND	KVAR	SOPO	WOPO	FIXED	DGEN	UNMT	
kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand - kW	kVar	Demand - kW	Demand - kW	Daily	Free	kWh	
\$964	\$1,473	\$66	\$77	\$11	\$1	—	—	—	—	—	—	—	\$152	—	—	
\$16	\$3	\$2	—	—	\$12	\$37	\$45	—	—	—	—	—	\$1	—	—	
\$1,463	\$1,457	\$66	\$61	\$14	—	—	—	—	—	—	—	—	\$1,647	—	—	
\$27	\$8	—	—	—	—	—	—	—	—	—	—	—	\$28	—	—	
\$66	—	—	—	—	\$2	\$16	\$22	—	—	—	—	—	\$22	—	—	
\$1,190	—	\$11	\$135	\$16	—	—	—	—	—	—	—	—	\$275	—	—	
\$130	—	\$2	\$1	—	—	—	—	—	—	—	—	—	\$787	—	—	
\$493	—	—	\$147	\$11	\$1	—	—	—	—	—	—	—	\$148	—	—	
\$904	—	\$2	\$158	\$10	—	—	—	—	\$13	\$2	\$19	—	\$156	—	—	
\$138	—	—	\$91	\$8	\$1	—	—	—	\$35	\$1	\$51	—	\$241	—	—	
—	—	—	—	—	—	—	—	—	\$81	\$12	\$171	—	\$148	—	—	
—	—	—	—	—	—	—	—	—	\$10	\$4	\$26	—	\$22	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	\$18	\$25	—	—	
—	—	—	—	—	—	—	—	—	\$71	\$2	\$185	—	\$13	—	—	
—	—	—	—	—	—	—	—	—	\$205	—	\$488	—	\$181	—	—	
\$7	—	—	—	—	—	—	—	—	—	—	—	—	\$5	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	\$45	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	\$61	
—	—	—	—	—	—	—	—	—	—	—	—	—	\$3	—	\$15	

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

\$5,018	\$2,820	\$149	\$888	\$119	\$18	\$52	\$72	—	\$420	\$27	\$917	\$18	\$3,892	—	\$121	—
\$5,018	\$2,820	\$149	\$888	\$119	\$18	\$52	\$72	—	\$420	\$27	\$917	\$18	\$3,892	—	\$121	—

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

—

Company Name **Centralines Limited**For Year Ended **31 March 2020**

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.		19,643	19,694	51	3
9	All	Overhead Line	Wood poles	No.		101	92	(9)	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.		16	17	1	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		1,393	1,394	1	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		34	35	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.		81	93	12	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.		3,264	3,336	72	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.		7	6	(1)	4
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.		19	19	—	4
45	HV	Distribution Transformer	Pole Mounted Transformer	No.		2,159	2,190	31	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.		178	185	7	3
47	HV	Distribution Transformer	Voltage regulators	No.		4	5	1	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.		15	13	(2)	2
49	LV	LV Line	LV OH Conductor	km		201	201	0	2
50	LV	LV Cable	LV UG Cable	km		81	84	3	2
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km		68	68	1	2
52	LV	Connections	OH/UG consumer service connections	No.		8,306	8,423	117	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

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.

[illegible]

Company Name **Centralines Limited**For Year Ended **31 March 2020**

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)	1,394	38
17	Low voltage (< 1kV)	201	84
18	Total circuit length (for supply)	1,689	124
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	1,134	67%
26	Remote only	44	3%
27	Rugged only	371	22%
28	Remote and rugged	—	—
29	Unallocated overhead lines	—	—
30	Total overhead length	1,689	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	268	15%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	1,689	100%

Company Name **Centralines Limited**
 For Year Ended **31 March 2020**

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 Limited

For Year Ended

31 March 2020

Network / Sub-network Name

Centralines Limited

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
General

* include additional rows if needed

Connections total

Number of
connections (ICPs)

106
5
4
26

141

Distributed generation

Number of connections made in year

Capacity of distributed generation installed in year

27 connections

0.18 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)

21
–
21
–
21

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)

121
–
0
–
122
111
11

8.8%

0.66

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)

95
14
109
47

Company Name **Centralines Limited**For Year Ended **31 March 2020**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)

—
108
127
—
—
—
—
—
12
247

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

Class C interruptions restored within

93	34
----	----

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)

—	—
0.33	68.9
1.77	80.4
—	—
—	—
—	—
—	—
—	—
0.24	9.8
2.34	159.2

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

Classes B & C (interruptions on the network)

1.94	114.9
------	-------

Company Name **Centralines Limited**For Year Ended **31 March 2020**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	0.00	0.2
Vegetation	0.44	27.0
Adverse weather	0.02	0.5
Adverse environment	—	—
Third party interference	0.08	9.8
Wildlife	0.13	2.3
Human error	0.00	0.0
Defective equipment	0.53	29.3
Cause unknown	0.57	11.3

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)	0.33	68.9
Distribution cables (excluding LV)	0.00	0.0
Distribution other (excluding LV)	—	—

10(iv): Class C Interruptions and Duration by Main Equipment Involved**Main equipment involved****SAIFI****SAIDI**

Subtransmission lines	0.09	5.5
Subtransmission cables	—	—
Subtransmission other	—	—
Distribution lines (excluding LV)	1.68	74.6
Distribution cables (excluding LV)	0.00	0.3
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)	125	1,394	8.97
Distribution cables (excluding LV)	1	38	2.62
Distribution other (excluding LV)	—	—	—
Total	127		

Company Name	Centralines Limited
For Year Ended	31 March 2020

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
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 1

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

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

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.

Material projects (>\$50K) - \$332K Line Truck, \$66K Van.

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, a including the value of the expenditure the purpose of the expenditure, and the operational expenditure categories the expenditure relates to.

Box 10: Explanation of operational expenditure for the disclosure year

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 2020 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.

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:

Due to increased customer work and limited staff, all of the planned projects have been carried over to the next year resulting in an underspend of the Other Reliability, Safety and Environment budget.

7(iii)

Service interruptions and emergencies:

There has been more fault work than anticipated which is reflected in the SAIDI figures for the 19-20 year. This resulted in a higher expenditure

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:

Due to increased customer work than anticipated some of the asset replacement and renewal work had to be deferred to next year resulting in an underspend.

System operations and network support:

Due to increased employment costs as a result of the increase in network expenditure.

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

Revenue is 2.5% (\$355,000) above budget. This positive variance is mainly due to increased Irrigation consumption.

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

For the 2020 disclosure year, Centralines had strong SAIDI and SAIFI performance. SAIDI performance was between the regulatory collar and target for the year. SAIFI performance was below the regulatory collar for the year.

With the exception of equipment failures which saw a rise, the SAIDI and SAIFI impact of all fault categories remained comparable to previous years. Centralines experienced a slight increase in SAIDI impact from vegetation causes – which can be attributed to a few individual high impact faults. The slight decrease from historical average in SAIDI from wildlife causes was reasonably minimal and within expected yearly variations.

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 \$37.6M 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

Company Name	Centralines Limited
For Year Ended	31 March 2020

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

In compliance with *Information Disclosure exemption: Disclosure and auditing of reliability information within Schedule 10 – 9 April 2020*, successive interruptions have been treated in the same way for the 2020 disclosure year as they were for the 2019 disclosure year.

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

In regard to disclosing successive interruptions, data from ADMS (Centralines' outage reporting system) allows this level of granularity, however the reporting is not currently setup to report successive interruptions as separate line-items. This data is not available for interruptions from the historic Centralines' faults database, as there is not start and end datetimes recorded digitally for each interruption within an event.

CENTRALINES LIMITED – RELATED PARTY TRANSACTIONS - FOR YEAR ENDED 31 MARCH 2020

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.

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

Total value of transactions

Schedule 5b.



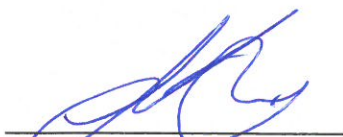


Certification for Year-end Disclosures

Schedule 18, Clause 2.9.2

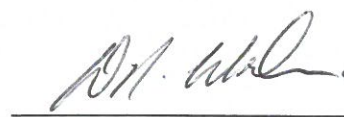
We, Jon Edmond Nichols and Derek Neil Walker, being directors of Centralines Limited certify that, having made all reasonable enquiry, to the best of our knowledge:

- 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: 27th October 2020



Director

Date: 27th October 2020

Independent Assurance Report

To the directors of Centralines Limited and the Commerce Commission

The Auditor-General is the auditor of Centralines Limited (the Company). The Auditor-General has appointed me, Chris Webby, using the staff and resources of Audit New Zealand, to provide an opinion, on his behalf, on:

- whether the information ('the Disclosure Information') required to be disclosed in accordance with the Electricity Distribution Information Disclosure Determination 2012, as amended by the Information Disclosure exemption: Disclosure and auditing of reliability information within schedule 10, issued by the Commerce Commission on 9 April 2020 ('the Information Disclosure Determination, as amended') for the disclosure year ended 31 March 2020, has been prepared, in all material respects, in accordance with the Information Disclosure Determination, as amended.

The Disclosure Information required to be reported by the Company, and audited by the Auditor-General, under the Information Disclosure Determination, as amended, is in schedules 1 to 4, 5a to 5g, 6a and 6b, 7, the disclosure that shows the connection between the Electricity Distribution Business (EDB) and the related parties with which it has had related party transactions in the disclosure year, the system average interruption duration index ('SAIDI') and system average interruption frequency index ('SAIFI') information disclosed in Schedule 10 and the explanatory notes in boxes 1 to 11, in Schedule 14.

- whether the Company's basis for valuation of related party transactions ('the Related Party Transaction Information') for the disclosure year ended 31 March 2020, has been prepared, in all material respects, in accordance with clause 2.3.6 of the Information Disclosure Determination, as amended, and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012 ('the Input Methodologies Determination').

Opinion

In our opinion:

- as far as appears from an examination of them, 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 and has been sourced, where appropriate, from the Company's financial and non-financial systems;
- the Disclosure Information complies, in all material respects, with the Information Disclosure Determination, as amended; and

- the Related Party Transaction Information complies, in all material respects, with the Information Disclosure Determination, as amended, and the Input Methodologies Determination.

In forming our opinion, we have obtained sufficient recorded evidence and all the information and explanations we have required.

Basis of opinion

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised): *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* and the Standard on Assurance Engagements 3100 (Revised): *Assurance Engagements on Compliance* issued by the New Zealand Auditing and Assurance Standards Board. Copies of these standards are available on the External Reporting Board's website.

These standards require that we comply with ethical requirements and plan and perform our assurance engagement to provide reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, with the Information Disclosure Determination, as amended, and about whether the Related Party Transaction Information has been prepared, in all material respects, with the Information Disclosure Determination, as amended, and the Input Methodologies Determination. Reasonable assurance is a high level of assurance.

We have performed procedures to obtain evidence about the amounts and disclosures in the Disclosure Information, and the basis of valuation in the Related Party Transaction Information. The procedures selected depend on our judgement, including the assessment of the risks of material misstatement of the Disclosure Information and the Related Party Transaction Information, whether due to fraud, error or non-compliance with the Information Disclosure Determination, as amended, or the Input Methodologies Determination. In making those risk assessments, we considered internal control relevant to the Company's preparation of the Disclosure Information and the Related Party Transaction Information in order to design procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.

Scope and inherent limitations

Because of the inherent limitations of a reasonable assurance engagement, and the test basis of the procedures performed, it is possible that fraud, error or non-compliance may occur and not be detected.

We did not examine every transaction, adjustment or event underlying the Disclosure Information or the Related Party Transaction Information, nor do we guarantee complete accuracy of the Disclosure Information or the Related Party Transaction Information. Also we did not evaluate the security and controls over the electronic publication of the Disclosure Information or the Related Party Transaction Information.

The opinion expressed in this independent assurance report has been formed on the above basis.

Key assurance matters

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

Key assurance matter	How our procedures addressed the key assurance matter
<p>Valuation of related-party transactions at arm's-length</p> <p>The Information Disclosure Determination, as amended and the Input Methodologies 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>This is a key audit matter because it is a new requirement that involves considerable judgement by Company personnel. In turn, verification of the appropriate assignment of an objective arm's-length valuation to related-party transactions requires the exercise of significant professional judgement by the auditor.</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 Information Disclosure Determination, as amended and the Input Methodologies Determination. We confirmed the approach used is in accordance with the Information Disclosure Determination, as amended and the Input Methodologies 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 and balances in the annual financial statements audit; • 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; • confirming the material accuracy of related party values disclosed, and compliance of their calculation with the Information Disclosure Determination, as amended and the Input Methodologies Determination.

Key assurance matter	How our procedures addressed the key assurance matter
<p>Accuracy of the number and duration of electricity outages</p> <p>The Company has an automated system 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 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, if it applies excludes the assurance report from coverage of the information, in Schedule 10 of the ID determination, for any issues arising out of the EDB'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 it makes the necessary disclosures so the exclusion to the assurance opinion applies.</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 • 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 calculations was appropriately extracted from the automated system; • 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 Information Disclosure Determination, as amended, and the Input Methodologies 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.

Key assurance matter	How our procedures addressed the key assurance matter
	<ul style="list-style-type: none"> • compared this to the documented process that the Company followed in the previous year. • 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>

Directors' responsibility for the preparation of the Disclosure Information and Related Party Transaction Information

The directors of the Company are responsible for:

- the preparation of the Disclosure Information in accordance with the Information Disclosure Determination, as amended; and
- the Related Party Transaction Information in accordance with the Information Disclosure Determination, as amended, and the Input Methodologies Determination.

The directors are responsible for such internal control as the directors determine is necessary to enable the preparation of the Disclosure Information and the Related Party Transaction Information that are free from material misstatement.

Our responsibility for the audit of the Disclosure Information and the Related Party Transaction Information

Our responsibility is to express an opinion on whether:

- the Disclosure Information has been prepared, in all material respects, in accordance with the Information Disclosure Determination, as amended; and
- the Related Party Transaction Information has been prepared, in all material respects, in accordance with the Information Disclosure Determination, as amended, and the Input Methodologies Determination.

Independence and quality control

When carrying out the engagement, 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 (Revised) issued by the New Zealand Auditing and Assurance Standards Board;
- the independence requirements specified in the Information Disclosure Determination, as amended; and
- the Auditor-General's 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 business, this engagement, the default price path assurance engagement, and the annual audit of the Company's financial statements, we have no relationship with or interests in the Company.

Use of this report

This independent assurance report has been prepared solely for the directors of the Company and for the Commerce Commission for the purpose of providing those parties with reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, in accordance with the Information Disclosure Determination, as amended, and whether the Related Party Transaction Information has been prepared, in all material respects, in accordance with the Information Disclosure Determination, as amended, and the Input Methodologies Determination. We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the Company or the Commerce Commission, or for any other purpose than that for which it was prepared.



Chris Webby
Audit New Zealand
On behalf of the Auditor-General
Palmerston North, New Zealand
27 October 2020