



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

Company Name

Centralines Limited

Disclosure Date

30 August 2019

Disclosure Year (year ended)

31 March 2019

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

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Disclosure Template Instructions

These templates have been prepared for use by EDBs when making disclosures under clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012.

Company Name and Dates

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

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

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

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

Data Entry Cells and Calculated Cells

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

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

Validation Settings on Data Entry Cells

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

Conditional Formatting Settings on Data Entry Cells

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

Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

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

Schedule 9b cells AG10 to AG60 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

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

Inserting Additional Rows and Columns

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

Additional rows in schedules 5c, 6a, and 9e must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

Schedules 5d and 5e may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from rows 77 and 78 of the respective templates to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 69:77, copy, select Excel row 78, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 70:78, copy, select Excel row 79, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted between column P and U. To avoid interfering with the title block entries, these should be inserted to the left of column S. If inserting additional columns, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The formulas can be found in the equivalent cells of the existing columns.

Disclosures by Sub-Network

If the supplier has sub-networks, schedules 8, 9a, 9b, 9c, 9e, and 10 must be completed for the network and for each sub-network. A copy of the schedule worksheet(s) must be made for each sub-network and named accordingly.

Schedule References

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

Description of Calculation References

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template and not the schedule reference.

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the schedules in the following order:

1. Coversheet
2. Schedules 5a–5e
3. Schedules 6a–6b
4. Schedule 8
5. Schedule 3
6. Schedule 4
7. Schedule 2
8. Schedule 7
9. Schedules 9a–9e
10. Schedule 10

Company Name **Centralines Limited**
 For Year Ended **31 March 2019**

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	36,972	466	189,623	2,145	42,006
Network	14,871	188	76,274	863	16,897
Non-network	22,100	279	113,349	1,282	25,110
Expenditure on assets	52,846	666	271,038	3,066	60,042
Network	37,551	474	192,594	2,178	42,665
Non-network	15,294	193	78,443	887	17,377

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	133,190	1,679
Standard consumer line charge revenue	133,190	1,679
Non-standard consumer line charge revenue	—	—

1(iii): Service intensity measures

Demand density	11	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	58	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	5	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	12,610	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	4,020	27.51%
Pass-through and recoverable costs excluding financial incentives and wash-ups	3,021	20.68%
Total depreciation	2,033	13.91%
Total revaluations	795	5.44%
Regulatory tax allowance	1,259	8.62%
Regulatory profit/(loss) including financial incentives and wash-ups	5,073	34.72%
Total regulatory income	14,611	

1(v): Reliability

Interruption rate	15.69	Interruptions per 100 circuit km
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Company Name **Centralines Limited**
For Year Ended **31 March 2019**

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 17	31 Mar 18	31 Mar 19
	%	%	%
Reflecting all revenue earned	8.34%	8.63%	9.29%
Excluding revenue earned from financial incentives	8.34%	8.46%	9.11%
Excluding revenue earned from financial incentives and wash-ups	7.47%	7.54%	8.15%
Mid-point estimate of post tax WACC	4.77%	5.04%	4.75%
25th percentile estimate	4.05%	4.36%	4.07%
75th percentile estimate	5.48%	5.72%	5.43%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	8.88%	9.22%	9.80%
Excluding revenue earned from financial incentives	8.88%	9.05%	9.62%
Excluding revenue earned from financial incentives and wash-ups	8.01%	8.13%	8.66%
WACC rate used to set regulatory price path	7.19%	7.19%	7.19%
Mid-point estimate of vanilla WACC	5.31%	5.60%	5.26%
25th percentile estimate	4.59%	4.92%	4.58%
75th percentile estimate	6.03%	6.29%	5.94%

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

54,013	
(2,740)	
	51,273
	14,482
7,041	
5,064	
38	
842	
129	
	12,780
	—
57,848	
(0)	
47	
(3,157)	
	54,644

ROI – comparable to a vanilla WACC

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

ROI – comparable to a post tax WACC

9.80%

42%

4.33%

28%

9.29%

Company Name

Centralines Limited

For Year Ended

31 March 2019

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

7.95%

Year-end ROI – comparable to a post tax WACC

7.44%

* 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

125

Other financial incentives

Financial incentives

125

Impact of financial incentives on ROI

0.18%

Input methodology claw-back

474

CPP application recoverable costs

Catastrophic event allowance

Capex wash-up adjustment

(78)

Transmission asset wash-up adjustment

2013–15 NPV wash-up allowance

275

Reconsideration event allowance

Other wash-ups

Wash-up costs

671

Impact of wash-up costs on ROI

0.96%

Company Name **Centralines Limited**
 For Year Ended **31 March 2019**

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		14,482
10	plus Gains / (losses) on asset disposals		19
11	plus Other regulated income (other than gains / (losses) on asset disposals)		110
12			
13	Total regulatory income		14,611
14	Expenses		
15	less Operational expenditure		4,020
16			
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups		3,021
18			
19	Operating surplus / (deficit)		7,570
20			
21	less Total depreciation		2,033
22			
23	plus Total revaluations		795
24			
25	Regulatory profit / (loss) before tax		6,332
26			
27	less Term credit spread differential allowance		–
28			
29	less Regulatory tax allowance		1,259
30			
31	Regulatory profit/(loss) including financial incentives and wash-ups		5,073
32			
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups		(\$000)
34	Pass through costs		
35	Rates		41
36	Commerce Act levies		20
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		2,934
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		3,021
47			

Company Name **Centralines Limited**
 For Year Ended **31 March 2019**

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 18	CY 31 Mar 19
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 14		
58	CY-4 31 Mar 15		
59	CY-3 31 Mar 16		
60	CY-2 31 Mar 17		
61	CY-1 31 Mar 18		
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 2019****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 15 (\$000)	RAB 31 Mar 16 (\$000)	RAB 31 Mar 17 (\$000)	RAB 31 Mar 18 (\$000)	RAB 31 Mar 19 (\$000)
Total opening RAB value	55,054	54,680	54,427	54,150	54,013
less Total depreciation	2,694	2,741	2,783	2,522	2,033
plus Total revaluations	46	321	1,179	595	795
plus Assets commissioned	2,274	2,193	1,350	1,846	5,064
less Asset disposals		26	23	49	38
plus Lost and found assets adjustment				(7)	47
plus Adjustment resulting from asset allocation					(0)
Total closing RAB value	54,680	54,427	54,150	54,013	57,848

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB *	RAB
	(\$000)	(\$000)
Total opening RAB value	54,013	54,013
less Total depreciation	2,033	2,033
plus Total revaluations	795	795
plus Assets commissioned (other than below)	5,064	5,064
Assets acquired from a regulated supplier		
Assets acquired from a related party		
Assets commissioned	5,064	5,064
less Asset disposals (other than below)	38	38
Asset disposals to a regulated supplier		
Asset disposals to a related party		
Asset disposals	38	38
plus Lost and found assets adjustment	47	47
plus Adjustment resulting from asset allocation		(0)
Total closing RAB value	57,848	57,848

* 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 2019****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

52 4(iii): Calculation of Revaluation Rate and Revaluation of Assets

53

54	CPI _t	1,026
55	CPI _t ⁻⁴	1,011
56	Revaluation rate (%)	1.48%

57

58

59

60

61

62

63

64

65

66 4(iv): Roll Forward of Works Under Construction

67

68

69

70

71

72

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74

75

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	54,013	54,013	
less Opening value of fully depreciated, disposed and lost assets	403	403	
Total opening RAB value subject to revaluation	53,610	53,610	
Total revaluations		795	795

Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year	363	363	
plus Capital expenditure	5,198	5,198	
less Assets commissioned	5,064	5,064	
plus Adjustment resulting from asset allocation			
Works under construction - current disclosure year	497	497	

Highest rate of capitalised finance applied

Company Name **Centralines Limited**For Year Ended **31 March 2019****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)
2,033	2,033	
	2,033	2,033

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	2,384	361	7,235	25,304	5,058	6,883	3,053	1,039	2,696	54,013
less Total depreciation	33	9	207	517	168	277	212	315	295	2,033
plus Total revaluations	20	6	68	360	103	121	66	12	39	795
plus Assets commissioned	307		791	635	461	614	572	25	1,659	5,064
less Asset disposals									38	38
plus Lost and found assets adjustment				47						47
plus Adjustment resulting from asset allocation										-
plus Asset category transfers	(1,070)	72	(2,560)	(1,074)	1,870	1,288	1,451	13	10	-
Total closing RAB value	1,608	430	5,327	24,755	7,324	8,629	4,930	774	4,071	57,848
Asset Life										
Weighted average remaining asset life	49.5	45.3	32.8	47.5	44.3	33.3	32.1	8.8	13.9	(years)
Weighted average expected total asset life	57.9	55.1	41.9	59.7	54.7	44.9	41.7	13.8	17.2	(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 2019**

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	48,772		
47				
48	Adjusted depreciation	1,934		
49	Total depreciation	2,033		
50	Amortisation of revaluations		99	
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	(2,740)		
61				
62	plus Tax effect of adjusted depreciation	542		
63				
64	less Tax effect of tax depreciation	612		
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	(5)		
73				
74	plus Deferred tax cost allocation adjustment	0		
75				
76	Closing deferred tax		(3,157)	
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	24,349		
84	less Tax depreciation	2,186		
85	plus Regulatory tax asset value of assets commissioned	5,064		
86	less Regulatory tax asset value of asset disposals	21		
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		27,206	

Company Name **Centralines Limited**
 For Year Ended **31 March 2019**

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	30	
Vegetation management	—	
Routine and corrective maintenance and inspection	56	
Asset replacement and renewal (opex)	106	
Network opex		192
Business support	1,107	
System operations and network support	153	
Operational expenditure		1,452
Consumer connection	654	
System growth	18	
Asset replacement and renewal (capex)	1,056	
Asset relocations	3	
Quality of supply	191	
Legislative and regulatory	—	
Other reliability, safety and environment	687	
Expenditure on non-network assets		28
Expenditure on assets		2,637
Cost of financing		
Value of capital contributions		
Value of vested assets		
Capital Expenditure		2,637
Total expenditure		4,089
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	Routine and corrective maintenance and inspection	56
Unison Networks Limited	Service interruptions and emergencies	30
Unison Networks Limited	Business support	1,107
Unison Networks Limited	System operations and network support	153
Unison Networks Limited	Expenditure on non-network assets	28
Unison Networks Limited	Consumer connection	654
Unison Networks Limited	System growth	18
Unison Networks Limited	Asset replacement and renewal (capex)	1,056
Unison Networks Limited	Other reliability, safety and environment	687
Unison Networks Limited	Quality of supply	191
Unison Networks Limited	Asset relocations	3
Unison Networks Limited	Asset replacement and renewal (opex)	106
	[Select one]	
	[Select one]	
Total value of related party transactions		4,089

* include additional rows if needed

Company Name

Centralines Limited

For Year Ended

31 March 2019

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

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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 2019****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		340			
Not directly attributable				–	
Total attributable to regulated service		340			
Vegetation management					
Directly attributable		548			
Not directly attributable				–	
Total attributable to regulated service		548			
Routine and corrective maintenance and inspection					
Directly attributable		125			
Not directly attributable				–	
Total attributable to regulated service		125			
Asset replacement and renewal					
Directly attributable		604			
Not directly attributable				–	
Total attributable to regulated service		604			
System operations and network support					
Directly attributable		253			
Not directly attributable		(24)	(24)	(48)	
Total attributable to regulated service		229			
Business support					
Directly attributable		1,772			
Not directly attributable		403	69	472	
Total attributable to regulated service		2,175			
Operating costs directly attributable		3,642			
Operating costs not directly attributable	–	379	45	424	–
Operational expenditure		4,021			

Company Name **Centralines Limited**
 For Year Ended **31 March 2019**

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

87

Not directly attributable

Total attributable to regulated service

87

Recoverable costs

Directly attributable

2,934

Not directly attributable

Total attributable to regulated service

2,934

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 2019

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	1,608
Not directly attributable	
Total attributable to regulated service	1,608
Subtransmission cables	
Directly attributable	430
Not directly attributable	
Total attributable to regulated service	430
Zone substations	
Directly attributable	5,327
Not directly attributable	
Total attributable to regulated service	5,327
Distribution and LV lines	
Directly attributable	24,755
Not directly attributable	
Total attributable to regulated service	24,755
Distribution and LV cables	
Directly attributable	7,324
Not directly attributable	
Total attributable to regulated service	7,324
Distribution substations and transformers	
Directly attributable	8,629
Not directly attributable	
Total attributable to regulated service	8,629
Distribution switchgear	
Directly attributable	4,930
Not directly attributable	
Total attributable to regulated service	4,930
Other network assets	
Directly attributable	774
Not directly attributable	
Total attributable to regulated service	774
Non-network assets	
Directly attributable	4,071
Not directly attributable	
Total attributable to regulated service	4,071
Regulated service asset value directly attributable	57,848
Regulated service asset value not directly attributable	—
Total closing RAB value	57,848

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 2019****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		1,088
9	System growth		30
10	Asset replacement and renewal		1,946
11	Asset relocations		5
12	Reliability, safety and environment:		
13	Quality of supply	207	
14	Legislative and regulatory	—	
15	Other reliability, safety and environment	807	
16	Total reliability, safety and environment		1,014
17	Expenditure on network assets		4,083
18	Expenditure on non-network assets		1,663
19			
20	Expenditure on assets		5,746
21	plus Cost of financing		
22	less Value of capital contributions		548
23	plus Value of vested assets		
24			
25	Capital expenditure		5,198
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	700	
33	Irrigation	269	
34	Commercial	85	
35	Customer Damage	34	
36	[EDB consumer type]		
37	<i>* include additional rows if needed</i>		
38	Consumer connection expenditure		1,088
39			
40	less Capital contributions funding consumer connection expenditure	548	
41	Consumer connection less capital contributions		540
42	6a(iv): System Growth and Asset Replacement and Renewal		
43		System Growth	Asset Replacement and Renewal
44		(\$000)	(\$000)
45	Subtransmission		272
46	Zone substations		
47	Distribution and LV lines	4	431
48	Distribution and LV cables		210
49	Distribution substations and transformers	7	403
50	Distribution switchgear	19	630
51	Other network assets		
52	System growth and asset replacement and renewal expenditure	30	1,946
53	less Capital contributions funding system growth and asset replacement and renewal		
54	System growth and asset replacement and renewal less capital contributions	30	1,946
55			
56	6a(v): Asset Relocations		
57	<i>Project or programme*</i>	(\$000)	(\$000)
58	Relocate a pedestal in Highlands Dr to the boundary	5	
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		5
66	less Capital contributions funding asset relocations		
67	Asset relocations less capital contributions		5

Company Name **Centralines Limited**For Year Ended **31 March 2019****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 remotr control switch on Feeder 88		40		
72	Install new ENTECs		167		
73	[Description of material project or programme]				
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			207	
79	less Capital contributions funding quality of supply				
80	Quality of supply less capital contributions			207	
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	Install online temperature management system to Takapau ZS power transformers		27		
96	Wilder Rd Substation upgrade		713		
97	Replace existing lightning arrestors Takapau ZS		4		
98	Seismic strengthening of the Takapau ZS		63		
99					
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			807	
103	less Capital contributions funding other reliability, safety and environment				
104	Other reliability, safety and environment less capital contributions			807	
105					
106	6a(ix): Non-Network Assets				
107	Routine expenditure				
108	<i>Project or programme*</i>		(\$000)	(\$000)	
109	Land		785		
110	Motor Vehicles		637		
111	Plant & Equipment		178		
112	Office Equipment		63		
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			1,663	
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			1,663	

Company Name

Centralines Limited

For Year Ended

31 March 2019

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	340	
9	Vegetation management	548	
10	Routine and corrective maintenance and inspection	125	
11	Asset replacement and renewal	604	
12	Network opex		1,617
13	System operations and network support	229	
14	Business support	2,174	
15	Non-network opex		2,403
16			
17	Operational expenditure		4,020
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		136
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name **Centralines Limited**
 For Year Ended **31 March 2019**

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	14,075	14,482	3%
9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	408	1,088	167%
11	System growth	—	30	—
12	Asset replacement and renewal	1,277	1,946	52%
13	Asset relocations		5	—
14	Reliability, safety and environment:			
15	Quality of supply	357	207	(42%)
16	Legislative and regulatory		—	—
17	Other reliability, safety and environment	680	807	19%
18	Total reliability, safety and environment	1,037	1,014	(2%)
19	Expenditure on network assets	2,722	4,083	50%
20	Expenditure on non-network assets	845	1,663	97%
21	Expenditure on assets	3,567	5,746	61%
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	311	340	9%
24	Vegetation management	442	548	24%
25	Routine and corrective maintenance and inspection	185	125	(32%)
26	Asset replacement and renewal	499	604	21%
27	Network opex	1,437	1,617	13%
28	System operations and network support	239	229	(4%)
29	Business support	1,628	2,174	34%
30	Non-network opex	1,867	2,403	29%
31	Operational expenditure	3,304	4,020	22%
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		136	—
42				
43	¹ From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination			
44	² From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)			

Company Name
For Year Ended
Network / Sub-Network Name

Centralines Limited
31 March 2019
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. dely, kW 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)
Residential Low-Fixed - CH5	Residential	Standard	2,722	14,412
Residential Generation - CH25	Residential	Standard	11	61
Residential TD0 - CH1T	Residential	Standard	74	417
Residential - CH2B	Residential	Standard	3,122	26,180
Residential Generation - CH2D	Residential	Standard	75	188
Residential TD0 - CH2T	Residential	Standard	24	234
General High User - CH2H	General	Standard	111	9,764
General Low User - CH2L	General	Standard	1,114	1,114
Industrial - CH2	Industrial	Standard	79	1,140
Commercial - CH3	Commercial	Standard	80	6,280
Commercial - CH4	Commercial	Standard	21	1,003
Commercial - CH5	Commercial	Standard	9	1,003
Commercial - CH6	Commercial	Standard	1	130
Commercial - CH8	Commercial	Standard	1	631
Commercial - CH11	Commercial	Standard	1	7,088
Commercial - CH12	Commercial	Standard	1	22,746
Temporary Supply - TSP	Commercial	Standard	4	7
Unmetered - U001	Commercial	Standard	151	123
Unmetered - U002	Commercial	Standard	3	406
Unmetered - U003	Commercial	Standard	1	48

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

Standard consumer totals	8,623	108,732
Non-standard consumer totals	—	—
Total for all consumers	8,623	108,732

24UC	ACD	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	
4,629,611	8,721,024	580,652	210,676	129,400	2,008	—	—	—	—	—	—	—	985,324	70,416	—	—
51,380	463	—	—	—	—	—	—	—	—	—	—	—	—	4,058	27,918	—
—	—	12,478	—	—	12,184	215,233	136,790	—	—	—	—	—	—	26,805	—	—
10,830,478	13,575,993	1,025,762	647,288	291,418	11,020	—	—	—	—	—	—	—	—	1,185,746	87,063	—
117,661	48,800	288	327	384	—	—	—	—	—	—	—	—	—	8,785	61,474	—
—	444	—	—	1,680	151,034	71,163	—	—	—	—	—	—	—	8,319	—	—
8,036,001	—	88,973	870,305	348,038	130,269	—	—	—	—	—	—	—	—	185,137	—	—
2,106,015	—	24,178	22,204	9,911	3,549	—	—	—	—	—	—	—	—	402,669	—	—
1,968,714	—	35	2,232,406	1,109,561	30,911	—	—	—	—	—	—	—	—	27,399	—	—
3,968,221	—	24,806	1,043,031	408,680	204	—	—	786,302	2,112	368	2,606	—	—	28,821	1,112	—
2,401,445	—	—	1,138,337	315,431	27,007	—	—	2,035,428	5,123	1,621	5,375	—	—	9,147	1,401	—
—	—	—	—	—	—	—	—	9,302,850	17,215	1,819	15,715	—	—	9,385	—	—
—	—	—	—	—	—	—	—	530,217	1,847	354	1,743	—	—	365	—	—
—	—	—	—	—	—	—	—	630,521	1,825	31	—	1,795	365	—	—	—
—	—	—	—	—	—	—	—	7,089,277	14,905	378	14,923	—	—	368	—	—
—	—	—	—	—	—	—	—	22,746,017	48,817	8,582	47,742	—	—	305	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,172	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	340,916	—	32,814
—	—	—	—	—	—	—	—	—	—	—	—	—	—	487,991	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	26,936	—	47,787
34,824,540	22,377,236	1,769,625	6,248,029	2,623,295	198,376	406,285	207,953	39,115,712	92,118	12,258	88,130	1,795	3,345,999	249,585	858,172	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34,824,540	22,377,236	1,769,625	6,248,029	2,623,295	198,376	406,285	207,953	39,115,712	92,118	12,258	88,130	1,795	3,345,999	249,585	858,172	—

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 2019
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 ICB 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)
Residential Low Fixed - C06	Residential	Standard	\$2,674	
Distributed Generation - C06G	Residential	Standard	\$12	
Residential V00 - C06T	Residential	Standard	\$77	
Residential - C06R	Residential	Standard	\$4,852	
Distributed Generation - C06D	Residential	Standard	\$42	
Residential V00 - C06T	Residential	Standard	\$17	
General High User - C06H	General	Standard	\$1,532	
General Low User - C06L	General	Standard	\$1,117	
Integration - C06I	Integration	Standard	\$731	
Commercial - C06C	Commercial	Standard	\$862	
Commercial - C06A	Commercial	Standard	\$667	
Commercial - C06S	Commercial	Standard	\$420	
Commercial - C06E	Commercial	Standard	\$52	
Commercial - C06B	Commercial	Standard	\$56	
Commercial - C06L1	Commercial	Standard	\$251	
Commercial - C06D2	Commercial	Standard	\$958	
Integration Supply - T1P	Commercial	Standard	\$3	
Unmetered - U001	Commercial	Standard	\$45	
Unmetered - U002	Commercial	Standard	\$86	
Unmetered - U003	Commercial	Standard	\$8	
			-	

Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, 5 per day, 5 per kWh, etc.)
\$2,674		
\$12		
\$77		
\$4,852		
\$42		
\$17		
\$1,532		
\$1,117		
\$731		
\$862		
\$667		
\$420		
\$52		
\$56		
\$251		
\$958		
\$3		
\$45		
\$86		
\$8		
-		

24UC	AKC	CTNL	CTUD	NTE	PROJ	OPFK	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	
\$906	\$1,457	\$75	\$78	\$11	\$1	-	-	-	-	-	-	-	\$148	-	-	
\$11	-	\$1	-	-	-	-	-	-	-	-	-	-	\$1	-	-	
\$1,590	\$1,483	\$76	\$112	\$16	-	-	-	-	-	-	-	-	\$1,600	-	-	
\$16	\$8	-	-	-	-	-	-	-	-	-	-	-	\$18	-	-	
\$17	-	-	-	-	-	-	-	-	-	-	-	-	\$12	-	-	
\$1,080	-	\$8	\$144	\$18	\$16	-	-	-	-	-	-	-	\$260	-	-	
\$289	-	\$2	\$3	-	-	-	-	-	-	-	-	-	\$813	-	-	
\$236	-	-	\$226	\$48	\$3	-	-	-	-	-	-	-	\$117	-	-	
\$488	-	\$2	\$170	\$20	-	-	-	-	\$14	\$3	\$23	-	\$144	-	-	
\$178	-	-	\$111	\$9	\$1	-	-	-	\$38	\$8	\$56	-	\$265	-	-	
-	-	-	-	-	-	-	-	-	\$85	\$14	\$170	-	\$148	-	-	
-	-	-	-	-	-	-	-	-	\$9	\$1	\$18	-	\$22	-	-	
-	-	-	-	-	-	-	-	-	\$8	-	\$19	\$29	-	-	-	
-	-	-	-	-	-	-	-	-	\$64	\$1	\$153	-	\$33	-	-	
-	-	-	-	-	-	-	-	-	\$209	\$67	\$505	-	\$181	-	-	
\$1	-	-	-	-	-	-	-	-	-	-	-	-	\$2	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$45	
-	-	-	-	-	-	-	-	-	-	-	-	-	\$18	-	\$68	
-	-	-	-	-	-	-	-	-	-	-	-	-	\$1	-	\$7	

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

Standard consumer totals	\$14,482	-
Non-standard consumer totals	-	-
Total for all consumers	\$14,482	-

\$14,482	-
\$14,482	-

\$4,702	\$2,958	\$156	\$844	\$123	\$26	\$37	\$56	-	\$425	\$96	\$924	\$19	\$3,896	-	\$120	-
\$4,702	\$2,958	\$156	\$844	\$123	\$26	\$37	\$56	-	\$425	\$96	\$924	\$19	\$3,896	-	\$120	-

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

0

Check ☒ OK

Company Name **Centralines Limited**For Year Ended **31 March 2019**Network / Sub-network Name **Centralines Limited****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.		19,579	19,643	64	3
9	All	Overhead Line	Wood poles	No.		181	101	(80)	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	16	—	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		1,395	1,393	(2)	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		33	34	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.		80	81	1	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.		3,245	3,264	19	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.		7	7	—	4
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.		16	19	3	4
45	HV	Distribution Transformer	Pole Mounted Transformer	No.		2,143	2,159	16	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.		172	178	6	3
47	HV	Distribution Transformer	Voltage regulators	No.		4	4	—	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.		12	15	3	2
49	LV	LV Line	LV OH Conductor	km		202	201	(1)	2
50	LV	LV Cable	LV UG Cable	km		76	81	5	2
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km		66	68	1	2
52	LV	Connections	OH/UG consumer service connections	No.		8,247	8,306	59	2
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.		60	49	(11)	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		7	11	4	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.

Disclosure Year (year ended)		31 March 2019	Number of assets at disclosure year end by installation date																																No. with age unknown	Items at end of year	No. with default days	Data accuracy			
	Voltage	Asset category	Asset class	Units	pre-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025				
9	All	Overhead Line	Concrete poles / steel structure	No.	94	2,066	3,688	2,582	1,884	2,565	2,355	231	155	138	239	161	196	155	254	418	176	441	453	128	185	231	182	144	89	143	50							19643	3		
11	All	Overhead Line	Wood poles	No.	7	23	1	9	8	21	11	2				2	1	1			5	3	2	2					2	1									101	3	
12	All	Overhead Line	Other pole types	No.																																			0	N/A	
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km						91												1								2									94	2	
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km																																			0	N/A	
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km					1							0						1																	2	N/A	
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km																																		0	N/A		
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km																																		0	N/A		
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km																																	0	N/A			
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km																																	0	N/A			
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km																																	0	N/A			
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																																	0	N/A			
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km																																	0	N/A			
23	HV	Subtransmission Cable	Subtransmission submarine cable	km																																		0	N/A		
24	HV	Zone substation Buildings																																							

Company Name **Centralines Limited**For Year Ended **31 March 2019**

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)	1,392	37
17	Low voltage (< 1kV)	246	104
18	Total circuit length (for supply)	1,732	143
19			
20	Dedicated street lighting circuit length (km)	45	23
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		4
22			
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)
24	Urban	179	10%
25	Rural	1,139	66%
26	Remote only	44	3%
27	Rugged only	370	21%
28	Remote and rugged	—	—
29	Unallocated overhead lines	—	—
30	Total overhead length	1,732	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	266	14%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	1,732	100%

Company Name **Centralines Limited**
 For Year Ended **31 March 2019**

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 2019

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
General
Irrigation
Commercial

* include additional rows if needed

Connections total

Number of
connections (ICPs)

84
4
3
6

97

Distributed generation

Number of connections made in year

Capacity of distributed generation installed in year

19 connections

0.09 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)

118
–
0
–
118
109
9

8.0%

0.64

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)

96
14
109
47

Company Name **Centralines Limited**For Year Ended **31 March 2019**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)

—
150
135
2
—
—
—
—
7
294

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

Class C interruptions restored within

111	24
-----	----

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)

—	—
0.59	101.4
1.76	57.0
0.97	12.1
—	—
—	—
—	—
—	—
0.31	3.9
3.63	174.4

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

Classes B & C (interruptions on the network)

2.06	107.7
------	-------

Company Name **Centralines Limited**For Year Ended **31 March 2019**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	0.09	3.1
Vegetation	0.31	16.0
Adverse weather	0.03	0.7
Adverse environment	—	—
Third party interference	0.12	2.2
Wildlife	0.33	19.0
Human error	0.02	0.0
Defective equipment	0.14	7.3
Cause unknown	0.71	8.6

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

Subtransmission lines	0.09	5.3
Subtransmission cables	—	—
Subtransmission other	—	—
Distribution lines (excluding LV)	0.50	95.9
Distribution cables (excluding LV)	0.00	0.3
Distribution other (excluding LV)	—	—

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

Subtransmission lines	—	—
Subtransmission cables	—	—
Subtransmission other	—	—
Distribution lines (excluding LV)	1.76	57.0
Distribution cables (excluding LV)	—	—
Distribution other (excluding LV)	—	—

10(v): Fault Rate**Main equipment involved****Number of Faults****Circuit length
(km)****Fault rate (faults
per 100km)**

Subtransmission lines	—	94	—
Subtransmission cables	—	2	—
Subtransmission other	—	—	—
Distribution lines (excluding LV)	135	1,392	9.70
Distribution cables (excluding LV)	—	37	—
Distribution other (excluding LV)	—	—	—
Total	135		

Company Name	Centralines Limited
For Year Ended	31 March 2019

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

Other regulatory line income includes the line loss rebate, sale of scrap copper and invoicing charges.

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)

A significant increase in the number of assets and change of categories has arisen due to disaggregation project undertaken this year to increase the granularity of assets recorded. As a result of the improvement in asset granularity and therefore an increased ability to attribute assets to the appropriate category and asset lifetimes, this has resulted in a movement between asset categories and a decline of depreciation. Zone substations, Subtransmission and Distribution and LV lines categories have decreased and the remaining categories increased due to disaggregation. There is no change to the opening RAB overall NBV amount as a result of the disaggregation or historical depreciation, however, there is a change in opening RAB category amounts. These changes apply prospectively from the commencement of the disclosure year.

A significant increase in RAB closing value due to the level of assets commissioned increasing this year from \$1.8M in FY18 to \$5M for FY19 which includes non-typical costs relating to the purchase of land for a new office and depot, and the upgrade of a substation.

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) – Land & Buildings – \$785K Land, \$326K Line Truck, \$138K Bucket Truck, \$55K Line Ute.

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 2019 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 Connections budget

Asset Replacement and Renewal:

Due to the increase in customer work and limited staff, some projects were not able to be completed inhouse, therefore had to be outsourced incurring additional costs. A higher than anticipated number of ABS's required to be replaced after acoustic testing indicated a high probability of failure. Also, a lot of lightning storms in the year resulted in a higher than normal number of blown transformers requiring replacement. These factors have contributed to an over spend of the Asset Replacement and Renewal budget.

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:

The Wilder Rd Substation Upgrade project cost more than anticipated, this has resulted in an overspend in the Other Reliability, Safety and Environment budget. It should be noted that additional funding was approved by the Centralines Board.

Non- Network:

The Centralines board approved the purchase of a new property to relocate the depot.

7(iii)

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:

This year's planned projects with the addition of the previous year's deferred projects have resulted in an overspend in the Asset Replacement and Renewal budget.

Information relating to revenues and quantities for the disclosure year

15. In the box below provide-

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

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

Revenue is 2.9% (\$407,000) above budget. This positive variance is mainly due to increased residential 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

Refer to Schedule 15.

Insurance cover

17. In the box below, provide details of any insurance cover for the assets used to provide electricity distribution services, including-

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

Box 14: Explanation of insurance cover

Centralines insures all its assets for Material Damage and Business Interruption cover. It employs two policies to achieve this. The “MD/BI” policy, placed in the retail market, covers Buildings, Plant, Ground Mounted Assets, Stock and Equipment of every description.

Total sum insured for the policy is \$38.6M 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

It has been identified that the total circuit length (for supply) in Schedule 9c for the years ending 31 March 2015, 2016, 2017 and 2018 can be more accurately disclosed due to recent system and data accuracy improvements.

The below table shows the previously disclosed and revised circuit length data.

	2015	2016	2017	2018
<i>Disclosed circuit length data</i>	1945	1902	1798	1804
<i>Revised circuit length data</i>	1845	1851	1857	1862

Publicly disclosed: <https://www.centralines.co.nz/tell-me-about/about-us/publications-disclosures/information-disclosure>

Company Name	Centralines Limited
For Year Ended	31 March 2019

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

The Commission has clarified that for the purposes of the Information Disclosure requirements, where an interruption to the supply of electricity distribution services is followed by restoration, and then by a 'successive interruption', the relevant SAIFI values must be based on multiple outages.

For the purposes of the 2019 Information Disclosures and Information Disclosure Exemption Notice 'Information Disclosure exemption: Disclosure of reliability information within Schedule 10' Centralines has recorded and disclosed interruption data count (SAIFI) based on a single count of interruptions, even if there are multiple interruptions within an outage event. Centralines has consistently reported on this basis for previous disclosures.

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.

For the 2019 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. The major contributing factors to unplanned SAIDI performance were outages from Wildlife and Vegetation.

CENTRALINES LIMITED – RELATED PARTY TRANSACTIONS - FOR YEAR ENDED 31 MARCH 2019

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 Unison provides are as follows:

- 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 Networks Limited are at arms-length.

Total value of transactions

Schedule 5b.



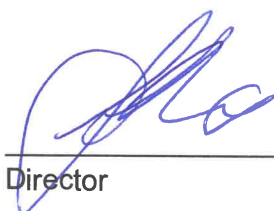


Certification for Year-end Disclosures

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 August 2019



Director

Date: 27th August 2019

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, Chantelle Gernetzky, 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 ('the Information Disclosure Determination') for the disclosure year ended 31 March 2019, has been prepared, in all material respects, in accordance with the Information Disclosure Determination.

The Disclosure Information required to be reported by the Company, and audited by the Auditor-General, under the Information Disclosure Determination 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 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 2019, has been prepared, in all material respects, in accordance with clause 2.3.6 of the Information Disclosure Determination, 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; and
- the Related Party Transaction Information complies, in all material respects, with the Information Disclosure Determination 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 for opinion

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised): *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* and the Standard on Assurance Engagements 3100 (Revised): *Compliance Engagements* 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, and about whether the Related Party Transaction Information has been prepared, in all material respects, with the Information Disclosure Determination 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 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 Audit Matters

Key audit matters are those matters that, in our professional judgement, required significant attention when carrying out the assurance engagement during the current disclosure year. These

matters were addressed in the context of our audit, and in forming our opinion. We do not provide a separate opinion on these matters.

Key audit matter	How our procedures addressed the key audit matter
<p><i>Valuation of related-party transactions at arm's-length</i></p> <p>The Information Disclosure Determination 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 and the Input Methodologies Determination. We confirmed the approach used is in accordance with the Information Disclosure Determination 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; and • confirming the material accuracy of related party values disclosed, and compliance of their calculation with the Information Disclosure Determination and the Input Methodologies Determination.
Key audit matter	How our procedures addressed the key audit matter
<p><i>Regulatory Asset Base</i></p> <p>The regulatory asset base (RAB) is the basis on which the cost of electricity to consumers for the use of lines is determined (other than</p>	<p>We obtained an understanding of the process followed by management to disaggregate the assets.</p>

<p>the use of the national grid). The value of the RAB is determined by applying complex rules as set out in Commerce Commission requirements.</p> <p>Examining the value of the RAB is an area of focus during the audit because a material misstatement of the RAB may impact on the price of electricity paid by consumers and because the Company made significant changes to the RAB as a result of a disaggregation/componentisation project undertaken during the year.</p>	<p>The procedures we carried out to satisfy ourselves that the disaggregation exercise resulted in the RAB being appropriately valued in line with the requirements of the determination, included:</p> <ul style="list-style-type: none"> • for a sample of assets, agreeing to appropriate supporting documentation for the values attributed, checking calculations and confirming the classifications, and useful lives attributed; and • reviewing the disclosures for the RAB in schedule 4 and the explanatory comments in schedule 14 box 7 against the advice from the Commerce Commission and the guidance in the determination.
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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; and
- the Related Party Transaction Information in accordance with the Information Disclosure Determination 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 that provides reasonable assurance on whether:

- the Disclosure Information has been prepared, in all material respects, in accordance with the Information Disclosure Determination; and
- the Related Party Transaction Information has been prepared, in all material respects, in accordance with the Information Disclosure Determination 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; 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, and Audit New Zealand and its employees may deal with the Company on normal terms within the ordinary course of trading activities of the Company. Other than any dealings on normal terms within the ordinary course of 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 and whether the Related Party Transaction Information has been prepared, in all material respects, in accordance with the Information Disclosure Determination 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.



Chantelle Gernetzky
Audit New Zealand
On behalf of the Auditor-General
Christchurch, New Zealand
30 August 2019