



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

Company Name

Centralines Limited

Disclosure Date

31 August 2017

Disclosure Year (year ended)

31 March 2017

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 24 March 2015

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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 24 March 2015). 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 2017

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**Operational expenditure**

Network

Non-network

Expenditure on assets

Network

Non-network

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)
32,333	400	188,944	1,892	37,374
13,205	163	77,167	773	15,264
19,128	237	111,778	1,119	22,110
18,339	227	107,167	1,073	21,198
16,285	202	95,167	953	18,824
2,053	25	12,000	120	2,374

1(ii): Revenue metrics**Total consumer line charge revenue**

Standard consumer line charge revenue

Non-standard consumer line charge revenue

Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
127,402	1,577
127,402	1,577
—	—

1(iii): Service intensity measures

Demand density

Volume density

Connection point density

Energy intensity

10	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
59	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
5	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
12,381	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

Operational expenditure

Pass-through and recoverable costs excluding financial incentives and wash-ups

Total depreciation

Total revaluations

Regulatory tax allowance

Regulatory profit/(loss) including financial incentives and wash-ups

Total regulatory income

(\$000)	% of revenue
3,401	25.12%
3,004	22.19%
2,783	20.55%
1,179	8.70%
1,008	7.44%
4,523	33.40%
13,540	

1(v): Reliability

Interruption rate

13.91	Interruptions per 100 circuit km
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Company Name

Centralines Limited

For Year Ended

31 March 2017

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 15 31 Mar 16 31 Mar 17
%

4.19%	6.31%	8.34%
4.19%	6.31%	8.34%
4.19%	5.42%	7.47%

6.10%	5.37%	4.77%
5.39%	4.66%	4.05%
6.82%	6.09%	5.48%

4.98%	6.96%	8.88%
4.98%	6.96%	8.88%
4.98%	6.07%	8.01%

8.77%	7.19%	7.19%
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6.89%	6.02%	5.31%
6.17%	5.30%	4.59%
7.60%	6.74%	6.03%

2(ii): Information Supporting the ROI

(\$000)

Total opening RAB value
plus Opening deferred tax
Opening RIV

54,427	
(2,275)	
	52,152

Line charge revenue

13,401

Expenses cash outflow
add Assets commissioned
less Asset disposals
add Tax payments
less Other regulated income

6,405	
1,350	
23	
777	
139	

Mid-year net cash outflows

8,370

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

54,150	
0	
-	
(2,506)	
	51,643

ROI – comparable to a vanilla WACC

8.88%

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

44%
4.41%
28%

ROI – comparable to a post tax WACC

8.34%

Company Name **Centralines Limited**
 For Year Ended **31 March 2017**

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

7.43%

Year-end ROI – comparable to a post tax WACC

6.89%

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

2(v): Financial Incentives and Wash-Ups

Net recoverable costs allowed under incremental rolling incentive scheme

-

Purchased assets – avoided transmission charge

Energy efficiency and demand incentive allowance

Quality incentive adjustment

Other financial incentives

Financial Incentives

-

Impact of financial incentives on ROI

-

Input methodology claw-back

422

Recoverable customised price-quality path costs

Catastrophic event allowance

Capex wash-up adjustment

(69)

Transmission asset wash-up adjustment

2013–2015 NPV wash-up allowance

245

Reconsideration event allowance

Other wash-ups

Wash-up costs

598

Impact of wash-up costs on ROI

0.87%

Company Name

Centralines Limited

For Year Ended

31 March 2017

SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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

sch ref

7	3(i): Regulatory Profit		(\$000)
8	Income		
9	Line charge revenue		13,401
10	plus Gains / (losses) on asset disposals		11
11	plus Other regulated income (other than gains / (losses) on asset disposals)		128
12			
13	Total regulatory income		13,540
14	Expenses		
15	less Operational expenditure		3,401
16			
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups		3,004
18			
19	Operating surplus / (deficit)		7,135
20			
21	less Total depreciation		2,783
22			
23	plus Total revaluations		1,179
24			
25	Regulatory profit / (loss) before tax		5,531
26			
27	less Term credit spread differential allowance		—
28			
29	less Regulatory tax allowance		1,008
30			
31	Regulatory profit/(loss) including financial incentives and wash-ups		4,523
32			
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups		(\$000)
34	Pass through costs		
35	Rates		47
36	Commerce Act levies		22
37	Industry levies		22
38	CPP specified pass through costs		
39	Recoverable costs excluding financial incentives and wash-ups		
40	Electricity lines service charge payable to Transpower		2,913
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		3,004
47			

Company Name

Centralines Limited

For Year Ended

31 March 2017

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

3(iii): Incremental Rolling Incentive Scheme

(\$000)

Allowed controllable opex

CY-1
31 Mar 16CY
31 Mar 17

Actual controllable opex

Incremental change in year

Previous years'
Incremental
changePrevious years'
Incremental
change adjusted
for inflation

CY-5 31 Mar 12

CY-4 31 Mar 13

CY-3 31 Mar 14

CY-2 31 Mar 15

CY-1 31 Mar 16

Net incremental rolling incentive scheme

Net recoverable costs allowed under incremental rolling incentive scheme

3(iv): Merger and Acquisition Expenditure

Merger and acquisition expenditure

(\$000)

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

3(v): Other Disclosures

Self-insurance allowance

(\$000)

Company Name **Centralines Limited**
 For Year Ended **31 March 2017**

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 13 (\$000)	RAB 31 Mar 14 (\$000)	RAB 31 Mar 15 (\$000)	RAB 31 Mar 16 (\$000)	RAB 31 Mar 17 (\$000)
Total opening RAB value	52,970	54,464	55,054	54,680	54,427
less Total depreciation	2,483	2,562	2,694	2,741	2,783
plus Total revaluations	455	834	46	321	1,179
plus Assets commissioned	3,522	2,320	2,274	2,193	1,350
less Asset disposals		2		26	23
plus Lost and found assets adjustment					-
plus Adjustment resulting from asset allocation					0
Total closing RAB value	54,464	55,054	54,680	54,427	54,150

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB *	RAB
(\$000)	(\$000)	(\$000)
Total opening RAB value	54,427	54,427
less Total depreciation	2,783	2,783
plus Total revaluations	1,179	1,179
plus Assets commissioned (other than below)	1,350	1,350
Assets acquired from a regulated supplier		
Assets acquired from a related party		
Assets commissioned	1,350	1,350
less Asset disposals (other than below)	23	23
Asset disposals to a regulated supplier		
Asset disposals to a related party		
Asset disposals	23	23
plus Lost and found assets adjustment		
plus Adjustment resulting from asset allocation		0
Total closing RAB value	54,150	54,150

* 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 2017**

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

CPI_t
 CPI_{t-4}
 Revaluation rate (%)

1,226
 1,200
 2.17%

Total opening RAB value
 less Opening value of fully depreciated, disposed and lost assets
 Total opening RAB value subject to revaluation
 Total revaluations

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
54,427		54,427	
30		30	
54,397		54,397	
	1,179		1,179

4(iv): Roll Forward of Works Under Construction

Works under construction—preceding disclosure year
 plus Capital expenditure
 less Assets commissioned
 plus Adjustment resulting from asset allocation
 Works under construction - current disclosure year
 Highest rate of capitalised finance applied

Unallocated works under construction		Allocated works under construction	
89		89	
1,552		1,552	
1,350		1,350	
	291		291

Company Name **Centralines Limited**For Year Ended **31 March 2017****SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)**

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

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

sch ref

4(v): Regulatory Depreciation

Depreciation - standard

Depreciation - no standard life assets

Depreciation - modified life assets

Depreciation - alternative depreciation in accordance with CPP

Total depreciation

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
2,783		2,783	
	2,783		2,783

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	2,383	367	7,218	25,712	4,925	6,907	3,312	1,220	2,383	54,427
less Total depreciation	111	9	273	1,058	128	410	321	126	347	2,783
plus Total revaluations	47	8	152	561	105	150	72	33	51	1,179
plus Assets commissioned	—	—	278	414	41	314	74	3	226	1,350
less Asset disposals									23	23
plus Lost and found assets adjustment										—
plus Adjustment resulting from asset allocation										—
plus Asset category transfers										—
Total closing RAB value	2,319	366	7,375	25,629	4,943	6,961	3,137	1,130	2,290	54,150
Asset Life										
Weighted average remaining asset life	27.8	40.9	31.8	34.7	40.2	22.1	24.3	20.7	14.0	(years)
Weighted average expected total asset life	63.2	56.4	44.6	62.5	56.4	47.6	44.1	28.3	19.2	(years)

Company Name

Centralines Limited

For Year Ended

31 March 2017

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

5a(i): Regulatory Tax Allowance

(\$000)

Regulatory profit / (loss) before tax

5,531

- plus* Income not included in regulatory profit / (loss) before tax but taxable
 Expenditure or loss in regulatory profit / (loss) before tax but not deductible
 Amortisation of initial differences in asset values
 Amortisation of revaluations

	*
2	*
1,255	
261	
1,518	

- less* Total revaluations
 Income included in regulatory profit / (loss) before tax but not taxable
 Discretionary discounts and customer rebates
 Expenditure or loss deductible but not in regulatory profit / (loss) before tax
 Notional deductible interest

1,179	
*	
1,280	*
990	
3,449	

Regulatory taxable income

3,599

- less* Utilised tax losses
 Regulatory net taxable income

3,599	

Corporate tax rate (%)

28%

Regulatory tax allowance

1,008

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

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

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

(\$000)

- Opening unamortised initial differences in asset values
less Amortisation of initial differences in asset values
plus Adjustment for unamortised initial differences in assets acquired
less Adjustment for unamortised initial differences in assets disposed
 Closing unamortised initial differences in asset values

17,563	
1,255	
16,309	

Opening weighted average remaining useful life of relevant assets (years)

14

Company Name

Centralines Limited

For Year Ended

31 March 2017

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 1.0

sch ref

5a(iv): Amortisation of Revaluations

(\$000)

Opening sum of RAB values without revaluations

50,541

Adjusted depreciation

2,522

Total depreciation

2,783

Amortisation of revaluations

261

5a(v): Reconciliation of Tax Losses

(\$000)

Opening tax losses

plus Current period tax losses

less Utilised tax losses

Closing tax losses

-

5a(vi): Calculation of Deferred Tax Balance

(\$000)

Opening deferred tax

(2,275)

plus Tax effect of adjusted depreciation

706

less Tax effect of tax depreciation

588

plus Tax effect of other temporary differences*

2

less Tax effect of amortisation of initial differences in asset values

351

plus Deferred tax balance relating to assets acquired in the disclosure year

-

less Deferred tax balance relating to assets disposed in the disclosure year

-

plus Deferred tax cost allocation adjustment

(0)

Closing deferred tax

(2,506)

5a(vii): Disclosure of Temporary Differences

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).

5a(viii): Regulatory Tax Asset Base Roll-Forward

(\$000)

Opening sum of regulatory tax asset values

25,475

less Tax depreciation

2,100

plus Regulatory tax asset value of assets commissioned

1,338

less Regulatory tax asset value of asset disposals

23

plus Lost and found assets adjustment

plus Adjustment resulting from asset allocation

plus Other adjustments to the RAB tax value

Closing sum of regulatory tax asset values

24,690

Company Name **Centralines Limited**
 For Year Ended **31 March 2017**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID 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

5b(i): Summary—Related Party Transactions

(\$000)

Total regulatory income
 Operational expenditure
 Capital expenditure
 Market value of asset disposals
 Other related party transactions

1,978
268

5b(ii): Entities Involved in Related Party Transactions

Name of related party

Unison Networks Ltd

Related party relationship

Centralines Limited has a management contract operated by Unison Networks Limited

* include additional rows if needed

5b(iii): Related Party Transactions

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
Unison Networks Ltd	Capex	Construction of network assets	268	ID clause 2.3.6(1)(a)
Unison Networks Ltd	Opex	Purchase of materials, management and contracting services	1,978	ID clause 2.3.6(1)(a)
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]
	[Select one]			[Select one]

* include additional rows if needed

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.

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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	Cost of executing an interest rate swap	Debt issue cost readjustment
* include additional rows if needed						-	-	-	-

* include additional rows if needed

Gross term credit spread differential

10

Total book value of interest bearing debt

Leverage

44%

Average opening and closing RAB values

Attribution Rate (%)

—

Term credit spread differential allowance

10

Company Name

Centralines Limited

For Year Ended

31 March 2017

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

		Value allocated (\$'000s)				OVABAA allocation Increase (\$'000s)
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	
7	5d(i): Operating Cost Allocations					
8						
9						
10	Service interruptions and emergencies					
11	Directly attributable		338			
12	Not directly attributable					
13	Total attributable to regulated service		338			
14	Vegetation management					
15	Directly attributable		519			
16	Not directly attributable					
17	Total attributable to regulated service		519			
18	Routine and corrective maintenance and inspection					
19	Directly attributable		97			
20	Not directly attributable					
21	Total attributable to regulated service		97			
22	Asset replacement and renewal					
23	Directly attributable		435			
24	Not directly attributable					
25	Total attributable to regulated service		435			
26	System operations and network support					
27	Directly attributable		245			
28	Not directly attributable		3	3	6	
29	Total attributable to regulated service		248			
30	Business support					
31	Directly attributable		1,603			
32	Not directly attributable		162	65	227	
33	Total attributable to regulated service		1,765			
34						
35	Operating costs directly attributable		3,237			
36	Operating costs not directly attributable		165	68	233	
37	Operational expenditure		3,402			
38						

Company Name **Centralines Limited**For Year Ended **31 March 2017****SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

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

sch ref

39 5d(ii): Other Cost Allocations**40 Pass through and recoverable costs**

(\$000)

41 Pass through costs

42 Directly attributable

91

43 Not directly attributable

44 Total attributable to regulated service

91

45 Recoverable costs

46 Directly attributable

2,913

47 Not directly attributable

48 Total attributable to regulated service

2,913

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

(\$000)

52 Change in cost allocation 1

53 Cost category

54 Original allocator or line items

55 New allocator or line items

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

56 Rationale for change

61 Change in cost allocation 2

62 Cost category

63 Original allocator or line items

64 New allocator or line items

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

66 Rationale for change

70 Change in cost allocation 3

71 Cost category

72 Original allocator or line items

73 New allocator or line items

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

74 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 2017**

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	2,319
Not directly attributable	
Total attributable to regulated service	2,319
Subtransmission cables	
Directly attributable	366
Not directly attributable	
Total attributable to regulated service	366
Zone substations	
Directly attributable	7,375
Not directly attributable	
Total attributable to regulated service	7,375
Distribution and LV lines	
Directly attributable	25,629
Not directly attributable	
Total attributable to regulated service	25,629
Distribution and LV cables	
Directly attributable	4,943
Not directly attributable	
Total attributable to regulated service	4,943
Distribution substations and transformers	
Directly attributable	6,961
Not directly attributable	
Total attributable to regulated service	6,961
Distribution switchgear	
Directly attributable	3,137
Not directly attributable	
Total attributable to regulated service	3,137
Other network assets	
Directly attributable	1,130
Not directly attributable	
Total attributable to regulated service	1,130
Non-network assets	
Directly attributable	2,290
Not directly attributable	
Total attributable to regulated service	2,290
Regulated service asset value directly attributable	54,150
Regulated service asset value not directly attributable	-
Total closing RAB value	54,150

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

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

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

Company Name

Centralines Limited

For Year Ended

31 March 2017

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		637
9	System growth		133
10	Asset replacement and renewal		394
11	Asset relocations		29
12	Reliability, safety and environment:		
13	Quality of supply	187	
14	Legislative and regulatory	55	
15	Other reliability, safety and environment	278	
16	Total reliability, safety and environment		520
17	Expenditure on network assets		1,713
18	Expenditure on non-network assets		216
19			
20	Expenditure on assets		1,929
21	plus Cost of financing		
22	less Value of capital contributions		377
23	plus Value of vested assets		
24			
25	Capital expenditure		1,552
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	431	
33	Commercial	41	
34	Irrigators	126	
35	Customer Damage	39	
36	[EDB consumer type]		
37	<i>* include additional rows if needed</i>		
38	Consumer connection expenditure		637
39			
40	less Capital contributions funding consumer connection expenditure	377	
41	Consumer connection less capital contributions		260
42	6a(iv): System Growth and Asset Replacement and Renewal		
43		System Growth	Asset Replacement and Renewal
44		(\$000)	(\$000)
45	Subtransmission	96	53
46	Zone substations		2
47	Distribution and LV lines	23	261
48	Distribution and LV cables		6
49	Distribution substations and transformers	13	56
50	Distribution switchgear	1	16
51	Other network assets		
52	System growth and asset replacement and renewal expenditure	133	394
53	less Capital contributions funding system growth and asset replacement and renewal		
54	System growth and asset replacement and renewal less capital contributions	133	394
55			
56	6a(v): Asset Relocations		
57	<i>Project or programme*</i>	(\$000)	(\$000)
58	Replace TX due to inaccessible tap changer - Mcleod Rd	9	
59	Relocate 11KV cable - Settlement Rd	7	
60	Install ABS at new site - Long Range Rd	5	
61	Reinstall TX on pole - Homewood Rd	2	
62	Install ducts for redirecting U/G cables - River Rd	6	
63	<i>* include additional rows if needed</i>		
64	All other projects or programmes - asset relocations		
65	Asset relocations expenditure		29
66	less Capital contributions funding asset relocations		
67	Asset relocations less capital contributions		29

Company Name

Centralines Limited

For Year Ended

31 March 2017

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

6a(vi): Quality of Supply

Project or programme*

Replace 2 pole TX C4/6 with new GM TX - Racecourse Road

Replace 2 pole TX B4/16 with 2X OH TX's - Bibby Street

Install parallelling RCS between Fdr 13 & Fdr 15 - Mt Herbert Road

(\$000)

(\$000)

83

47

57

* include additional rows if needed

All other projects programmes - quality of supply

Quality of supply expenditure

less Capital contributions funding quality of supply

Quality of supply less capital contributions

187

187

6a(vii): Legislative and Regulatory

Project or programme*

Replace 11kV pole due to low road crossing height - Argyll

Install pole to raise road crossing height- Freyberg Terrace

Install pole to raise road crossing height- Ngaruru Road

Replace conductors due to poor PSC Reading - Tuki Tuki Road

Install Pole to raise road crossing height - Homewood Road

Install pole to raise road crossing height - Te Awa Road

Install 11kV Fuses on spur - Fraser Road

Install poles to raise road crossing height - Mangakuri Road

Install pole for Aerial staywire Mangarara Road

Install pole to raise road crossing height - Kahuranaki Road

Install pole to raise driveway crossing & U/G - Lindsay Road

(\$000)

(\$000)

4

2

5

2

15

3

1

9

2

5

7

* include additional rows if needed

All other projects or programmes - legislative and regulatory

Legislative and regulatory expenditure

less Capital contributions funding legislative and regulatory

Legislative and regulatory less capital contributions

55

55

6a(viii): Other Reliability, Safety and Environment

Project or programme*

Install new 33kV ripple CB at Wpk Sub - Coughlan Road

Reg- DA Upgrade Takapau Zone Sub - Fraser Road

Reg- DA Upgrade Waipukurau Zone Sub

Substation Seismic Strengthening - Tamumu

[Description of material project or programme]

(\$000)

(\$000)

137

41

48

52

* include additional rows if needed

All other projects or programmes - other reliability, safety and environment

Other reliability, safety and environment expenditure

less Capital contributions funding other reliability, safety and environment

Other reliability, safety and environment less capital contributions

278

278

6a(ix): Non-Network Assets

Routine expenditure

Project or programme*

Buildings

Motor Vehicles

Plant & Equipment

Office Equipment

(\$000)

(\$000)

3

78

130

5

Company Name

Centralines Limited

For Year Ended

31 March 2017

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

113	[Description of material project or programme]		
114	* include additional rows if needed		
115	All other projects or programmes - routine expenditure		
116	Routine expenditure		216
117	Atypical expenditure		
118	<i>Project or programme*</i>	(\$000)	(\$000)
119	[Description of material project or programme]		
120	[Description of material project or programme]		
121	[Description of material project or programme]		
122	[Description of material project or programme]		
123	[Description of material project or programme]		
124	* include additional rows if needed		
125	All other projects or programmes - atypical expenditure		
126	Atypical expenditure		—
127			
128	Expenditure on non-network assets		216

Company Name

Centralines Limited

For Year Ended

31 March 2017

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

7	6b(i): Operational Expenditure	(\$000)	(\$000)
8	Service interruptions and emergencies	338	
9	Vegetation management	519	
10	Routine and corrective maintenance and inspection	97	
11	Asset replacement and renewal	435	
12	Network opex		1,389
13	System operations and network support	248	
14	Business support	1,764	
15	Non-network opex		2,012
16			
17	Operational expenditure		3,401
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		121
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name

Centralines Limited

For Year Ended

31 March 2017

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(i): RevenueTarget (\$000) ¹ Actual (\$000) % variance

Line charge revenue

13,521

13,401

(1%)

7(ii): Expenditure on AssetsForecast (\$000) ² Actual (\$000) % variance

Consumer connection

300

637

112%

System growth

10

133

1,230%

Asset replacement and renewal

802

394

(51%)

Asset relocations

110

29

(74%)

Reliability, safety and environment:

Quality of supply

150

187

25%

Legislative and regulatory

55

55

—

Other reliability, safety and environment

285

278

(2%)

Total reliability, safety and environment

490

520

6%

Expenditure on network assets

1,712

1,713

0%

Expenditure on non-network assets

124

216

74%

Expenditure on assets

1,836

1,929

5%

7(iii): Operational Expenditure

Service interruptions and emergencies

258

338

31%

Vegetation management

512

519

1%

Routine and corrective maintenance and inspection

188

97

(48%)

Asset replacement and renewal

465

435

(6%)

Network opex

1,423

1,389

(2%)

System operations and network support

255

248

(3%)

Business support

2,123

1,764

(17%)

Non-network opex

2,378

2,012

(15%)

Operational expenditure

3,801

3,401

(11%)

7(iv): Subcomponents of Expenditure on Assets (where known)

Energy efficiency and demand side management, reduction of energy losses

—

—

Overhead to underground conversion

—

—

Research and development

—

—

7(v): Subcomponents of Operational Expenditure (where known)

Energy efficiency and demand side management, reduction of energy losses

—

—

Direct billing

—

—

Research and development

—

—

Insurance

121

—

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

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

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDN to 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 those ICPs.

Company Name	Centralines Limited
For Year Ended	31 March 2017
Network / Sub-Network Name	Centralines Limited

B(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg. residential, commercial, etc.)	Standard or non-standard consumer group (price type)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)
CH1	Residential	Standard	2,692	12,758
CH2	Residential	Standard	2	3
CH2R	Residential	Standard	3,414	35,306
CH2S	Residential	Standard	8	26
CH3R	General	Standard	556	9,919
CH3L	General	Standard	1,580	2,735
CH3	Triggeer	Standard	75	7,616
CH4	Commercial	Standard	70	5,075
CH5	Commercial	Standard	25	9,707
CH5	Commercial	Standard	6	4,803
CH6	Commercial	Standard	2	909
CH6	Commercial	Standard	1	781
CH7	Commercial	Standard	3	6,893
CH13	Commercial	Standard	2	21,626
TPP	Commercial	Standard	2	—
W01	Commercial	Standard	145	112
W02	Commercial	Standard	6	120

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

Standard consumer totals	8,495	210,481
Non-standard consumer totals	—	—
Total for all consumers	8,495	210,481

Price component

	24UC	AKO	CTBL	CTUD	NITE	PROJ	TAC	DMND	KVAR	SOPO	WOPD	Fixed	DGEN	DGEN	UNMT
	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand	kVar	Demand	Demand	Daily	Free	Free	kWh
8,860,779	7,425,768	523,817	291,969	134,200	3,020	—	—	—	—	—	—	897,613	75,852	(377)	—
2,322	766	—	—	—	—	—	—	—	—	—	—	236	1,231	—	—
10,328,935	33,023,864	1,124,037	698,077	324,187	7,608	—	—	—	—	—	—	1,223,194	83,231	—	—
14,135	35,100	—	—	—	1,644	—	—	—	—	—	—	1,397	4,864	—	—
7,597,458	793,030	107,258	735,649	368,189	794	—	—	—	—	—	—	134,816	—	—	—
2,135,192	129,186	18,512	90,139	45,971	415	—	—	—	—	—	—	584,204	—	—	—
3,330,016	—	(123,240)	2,813,356	1,496,136	—	—	—	—	—	—	—	216,688	—	—	—
3,735,186	—	31,099	916,376	389,178	4,701	599,247	1,840	545	3,772	—	—	24,729	1,878	—	—
2,119,208	—	—	1,176,261	380,579	—	2,039,483	5,342	964	5,211	—	—	9,355	1,900	—	—
—	—	—	—	—	—	4,802,608	15,375	2,237	14,857	—	—	8,051	—	—	—
—	—	—	—	—	—	809,175	4,316	745	4,203	—	—	359	—	—	—
—	—	—	—	—	—	760,928	2,317	85	2,134	—	—	269	—	—	—
—	—	—	—	—	—	6,882,000	14,439	439	13,860	—	—	365	—	—	—
114	—	—	—	—	—	21,816,184	47,105	18,444	47,014	—	—	324	—	—	312,304
—	—	—	—	—	—	—	—	—	—	—	—	362,694	—	—	310,397
31,242,096	31,053,962	1,432,483	6,743,917	3,218,742	17,484	37,640,111	81,072	23,309	87,010	2,114	3,280,189	181,081	(177)	822,611	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
32,145,488	29,281,255	1,567,481	6,748,617	3,118,742	17,184	37,640,111	81,072	23,309	87,010	2,114	3,280,189	181,081	(177)	822,611	—

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

Company Name	Centralines Limited
For Year Ended	31 March 2017
Network / Sub-Network Name	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 FDR in its pricing schedule. 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.

B(II): Line Charge Revenues (\$000) by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (type/yl)	Total line charge revenue in disclosure year	Notional revenue foregone from pooled discounts (if applicable)
CH1	Residential	Standard	\$2,227	—
CH10	Residential	Standard	—	\$1
CH20	Residential	Standard	\$4,440	—
CH200	General	Standard	\$4	\$6
CH201	General	Standard	\$1,404	\$1,404
CH21	General	Standard	\$1,114	\$1,114
CH22	Franchise	Standard	\$922	\$922
CH3	Commercial	Standard	\$753	\$753
CH4	Commercial	Standard	\$810	\$810
CH5	Commercial	Standard	\$182	\$182
CH6	Commercial	Standard	\$298	\$298
CH8	Commercial	Standard	\$61	\$61
CH11	Commercial	Standard	\$244	\$244
CH12	Commercial	Standard	\$1,034	\$1,034
CH13	Commercial	Standard	\$1	\$1
CH14	Commercial	Standard	\$41	\$41
CH15	Commercial	Standard	\$87	\$87
Add extra rows for additional consumer groups or price category codes as necessary				
Standard consumer totals			\$13,401	—
Non-standard consumer totals			—	—
Total for all consumers			\$13,401	—

Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate Inc. 5 per day, 5 per kWh, etc.)
\$2,227	\$1	—
\$4,440	—	—
\$6	—	—
\$1,404	—	—
\$1,114	—	—
\$922	—	—
\$753	—	—
\$810	—	—
\$182	—	—
\$298	—	—
\$61	—	—
\$244	—	—
\$1,034	—	—
\$1	—	—
\$41	—	—
\$87	—	—
\$13,401	—	—
—	—	—
\$13,401	—	—

Line charge revenues (\$000) by price component

24UC	AVC2	CTPL	CTUD	HTC	PRC2	TAC	DMNO	KVAR	SDPD	WOPD	Feed	DEIN	DCMS	UNMT
kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand	kVar	Demand	Demand	Daily	Free	Free	kWh
\$720	\$3,813	\$68	\$67	\$10	—	—	—	—	—	—	\$149	—	—	—
\$1,508	\$1,977	\$46	\$109	\$16	\$1	—	—	—	—	—	\$1,713	—	—	—
\$2	\$1	—	—	—	—	—	—	—	—	—	—	—	—	—
\$800	\$84	\$7	\$132	\$97	—	—	—	—	—	—	\$273	—	—	—
\$741	\$26	\$1	\$72	\$2	—	—	—	—	—	—	\$673	—	—	—
\$147	—	\$29	\$295	\$51	—	—	—	—	—	—	\$328	—	—	—
\$438	—	\$1	\$118	\$18	—	—	\$12	\$4	\$39	—	\$171	—	—	—
\$145	—	—	\$101	\$10	—	—	\$36	\$7	\$55	—	\$265	—	—	—
—	—	—	—	—	—	—	\$74	\$16	\$198	—	\$118	—	—	—
—	—	—	—	—	—	—	\$12	\$6	\$48	—	\$16	—	—	—
—	—	—	—	—	—	—	\$8	\$1	—	\$22	\$32	—	—	—
—	—	—	—	—	—	—	\$81	\$8	\$147	—	\$50	—	—	—
—	—	—	—	—	—	—	\$200	\$197	\$488	—	\$183	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	\$42
—	—	—	—	—	—	—	—	—	—	—	—	—	—	\$69
\$4,046	\$7,831	\$128	\$887	\$324	\$2	—	\$413	\$146	\$911	\$22	\$8,800	—	—	\$113
\$4,046	\$7,831	\$128	\$887	\$324	\$2	—	\$413	\$146	\$911	\$22	\$8,800	—	—	\$113

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

B(III): Number of ICPS directly billed

Number of directly billed ICPS at year end

—

Check ☒ CH

Company Name: **Centralines Limited**For Year Ended **31 March 2017**

Network / Sub-network Name

SCHEDULE 9a: ASSET REGISTER

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

sch ref

8	Voltage	Asset category	Asset class	Units	Items at start of	Items at end of	Net change	Data accuracy
					year (quantity)	year (quantity)		(1-4)
9	All	Overhead Line	Concrete poles / steel structure	No.	19485	19,520	35	2
10	All	Overhead Line	Wood poles	No.	236	218	(18)	2
11	All	Overhead Line	Other pole types	No.				N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	94.00	94	0	3
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km				N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	2.00	2	(0)	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km				N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km				N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km				N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km				N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km				N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km				N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km				N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km				N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	3	3		4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.				N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.				N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.				N/A
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.				N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	15	16	1	3
29	HV	Zone substation switchgear	33kV RMU	No.				N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.				N/A
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	9	9		3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	26	26		3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	2	2		3
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	7	7		4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,394.00	1,394	(0)	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km				N/A
37	HV	Distribution Line	SWER conductor	km				N/A
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	30.00	32	2	3
39	HV	Distribution Cable	Distribution UG PILC	km	2.00	3	1	3
40	HV	Distribution Cable	Distribution Submarine Cable	km				N/A
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	79	79		3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	0			N/A
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	3,191	3,224	33	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	7	7		2
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	16	16		3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,112	2,137	25	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	163	167	4	3
48	HV	Distribution Transformer	Voltage regulators	No.	9	9		4
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	9	9		1
50	LV	LV Line	LV OH Conductor	km	204.00	203	(1)	3
51	LV	LV Cable	LV UG Cable	km	65.00	70	5	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	63.00	66	3	3
53	LV	Connections	OH/UG consumer service connections	No.	8,162	8,188	26	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	59	60	1	2
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1		3
56	All	Capacitor Banks	Capacitors including controls	No	2	2		4
57	All	Load Control	Centralised plant	Lot	1	1		4
58	All	Load Control	Relays	No	7	8	1	1
59	All	Civils	Cable Tunnels	km				N/A

Company Name	Centrallines Limited
For Year Ended	31 March 2017
Network / Sub-network Name	

SCHEDULE 9b: ASSET AGE PROFILE

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

[illegible]

Company Name **Centralines Limited**For Year Ended **31 March 2017**

Network / Sub-network Name

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

9			
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)
11	> 66kV		
12	50kV & 66kV		
13	33kV	94	2
14	SWER (all SWER voltages)		
15	22kV (other than SWER)		
16	6.6kV to 11kV (inclusive—other than SWER)	1,394	35
17	Low voltage (< 1kV)	203	70
18	Total circuit length (for supply)	1,691	107
19			
20	Dedicated street lighting circuit length (km)	44	21
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		
22			44
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)
24	Urban	134	8%
25	Rural	1,134	67%
26	Remote only	44	3%
27	Rugged only	370	22%
28	Remote and rugged		
29	Unallocated overhead lines	9	1%
30	Total overhead length	1,691	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	264	15%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	1,691	100%

Company Name **Centralines Limited**For Year Ended **31 March 2017****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 2017**

Network / Sub-network Name

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref

9e(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by EDB*

Residential

Commercial

Industrial

[EDB consumer type]

[EDB consumer type]

* include additional rows if needed

Connections total

Number of
connections (ICPs)

42

20

—

62

Distributed generation

Number of connections made in year

14

connections

Capacity of distributed generation installed in year

0.04

MVA

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

GXP demand

18

plus Distributed generation output at HV and above

—

Maximum coincident system demand

18

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

—

Demand on system for supply to consumers' connection points

18

Demand at time
of maximum
coincident
demand (MW)**Electricity volumes carried**

Electricity supplied from GXPs

115

less Electricity exports to GXPs

—

plus Electricity supplied from distributed generation

0

less Net electricity supplied to (from) other EDBs

—

Electricity entering system for supply to consumers' connection points

115

less Total energy delivered to ICPs

105

Electricity losses (loss ratio)

10

8.8%

Energy (GWh)

Load factor

0.73

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

91

Distribution transformer capacity (Non-EDB owned, estimated)

—

Total distribution transformer capacity

91

Zone substation transformer capacity

47

(MVA)

Company Name **Centralines Limited**For Year Ended **31 March 2017**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)

-
137
113
-
-
-
-
-
-
250

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

Class C interruptions restored within

93	20
----	----

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)

-	-
0.30	74.8
1.52	54.7
-	-
-	-
-	-
-	-
-	-
-	-
1.82	129.5

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

Classes B & C (interruptions on the network)

1.67	92.1
------	------

Quality path normalised reliability limit**SAIFI reliability limit****SAIDI reliability limit**

SAIFI and SAIDI limits applicable to disclosure year*

4.20	139.3
------	-------

* not applicable to exempt EDBs

Company Name **Centralines Limited**For Year Ended **31 March 2017**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**

Lightning
Vegetation
Adverse weather
Adverse environment
Third party interference
Wildlife
Human error
Defective equipment
Cause unknown

SAIFI**SAIDI**

0.09	7.5
0.28	19.7
0.09	1.2
0.03	1.7
0.08	3.3
0.08	3.0
0.04	1.4
0.15	6.4
0.69	10.4

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

Subtransmission lines
Subtransmission cables
Subtransmission other
Distribution lines (excluding LV)
Distribution cables (excluding LV)
Distribution other (excluding LV)

SAIFI**SAIDI**

-	-
-	-
-	-
0.29	74.1
0.01	0.7
-	-

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

Subtransmission lines
Subtransmission cables
Subtransmission other
Distribution lines (excluding LV)
Distribution cables (excluding LV)
Distribution other (excluding LV)

SAIFI**SAIDI**

0.19	10.6
-	-
-	-
1.33	44.0
-	-
-	-

10(v): Fault Rate**Main equipment involved**

Subtransmission lines
Subtransmission cables
Subtransmission other
Distribution lines (excluding LV)
Distribution cables (excluding LV)
Distribution other (excluding LV)

Number of Faults	Circuit length (km)
2	94
-	2
-	-
245	1,394
3	35
-	-
250	-

Fault rate (faults per 100km)

2.13
-
17.58
8.57

Total

Company Name Centralines Limited

For Year Ended 31 March 2017

Schedule 14 Mandatory Explanatory Notes

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 12 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 have 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)
There have been no reclassified items.

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

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

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

Box 5: Regulatory tax allowance: permanent differences
Entertainment expenditure – non-deductible 2

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

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

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

Temporary differences are those used in Centralines annual tax return

Other temporary differences:

Provision for Employee Entitlements	2
-------------------------------------	---

Related party transactions: disclosure of related party transactions (Schedule 5b)

10. In the box below, provide descriptions of related party transactions beyond those disclosed on Schedule 5b including identification and descriptions as to the nature of directly attributable costs disclosed under subclause 2.3.6(1)(b).

Box 7: Related party transactions

Centralines procures Management Services from Unison Networks Limited (Unison). This transaction is deemed a related party transaction because of the material influence that Unison has over Centralines operations, however, the contract for services is negotiated by the Centralines Board, which is wholly independent of Unison. The costs of Unison's services are recorded at the contract price. All of the management costs are operating expenditure.

Contracting services in asset construction and maintenance were provided by Unison. Unit price and quantities have not been determined. No debts have been written off or forgiven during the financial year. No transactions took place at nil or nominal value during the financial year. All of this work is put out to tender. The contracts are completed as an arms-length transaction.

Centralines procures materials from Unison. Unison initially purchases the materials from an external party. When Centralines purchases the materials from Unison, they often 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.

Cost allocation (Schedule 5d)

11. 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 8: Cost allocation

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

Asset allocation (Schedule 5e)

12. 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 9: Commentary on asset allocation

There have been no reclassified items.

Capital Expenditure for the Disclosure Year (Schedule 6a)

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

Box 10: Explanation of capital expenditure for the disclosure year

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) – Plant & Equipment – \$101K EV Charger.

There have been no reclassified items.

Operational Expenditure for the Disclosure Year (Schedule 6b)

14. In the box below, comment on operational expenditure for the disclosure year, as disclosed in Schedule 6b. This comment must include-
- 14.1 Commentary on assets replaced or renewed with asset replacement and renewal operational expenditure, as reported in 6b(i) of Schedule 6b;
 - 14.2 Information on reclassified items in accordance with subclause 2.7.1(2);
 - 14.3 Commentary on any material atypical expenditure included in operational expenditure disclosed in Schedule 6b, including the value of the expenditure, the purpose of the expenditure, and the operational expenditure categories the expenditure relates to.

Box 11: 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 2017 disclosure year.

There have been no reclassified items.

Variance between forecast and actual expenditure (Schedule 7)

15. 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 12: Explanatory comment on variance in actual to forecast expenditure

7(ii)

Consumer Connections: An increased demand for customer connections requiring complex network alterations has resulted in an overspend in our Customer Contributions budget

System Growth: An unexpected surge in property development in Tikokino meant there was a need to increase the network capacity in the area. Also there were unforeseen costs with the investigation and planning associated with the Ruataniwha dam project. It is also noted that the System Growth forecast reduced from 430k in 15/16 to 10k in 16/17.

Asset Replacement and Renewal: As this year was the start of the next five year cycle of inspections and Feeder MAPT work, the inspected feeders were still in good shape from the last round of maintenance. This resulted considerable savings in the Asset Replacement and Renewal expenditure.

Asset Relocations: There were less than anticipated assets requiring relocation during the 2016/2017 financial year.

7(iii)

Service interruptions and emergencies: With an on going focus on safety, the team are thinking more about the risks associated with repairing faults alone and as a result, calling out other team members for assistance. This is resulting in a higher expenditure in service interruption and emergencies than anticipated.

Routine and Corrective Maintenance and Inspection: As was proven the year before, aerial inspections via helicopter saved a huge amount of time and cost, resulting in the underspend in the planned Routine and Corrective and Inspection expenditure.

Information relating to revenues and quantities for the disclosure year

16. In the box below provide-

16.1 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

16.2 explanatory comment on reasons for any material differences between target revenue and total billed line charge revenue.

Box 13: Explanatory comment relating to revenue for the disclosure year

Line Revenue was 0.9% below budget and there were no material differences between budgeted revenue and total billed revenue.

Network Reliability for the Disclosure Year (Schedule 10)

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

Box 14: Commentary on network reliability for the disclosure year

Strong network performance was achieved this year in both SAIDI and SAIFI metrics.

Insurance cover

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

18.1 The EDB's approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;

18.2 In respect of any self insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

Box 15: Explanation of insurance cover

Centralines insures all its assets for material damage and business interruption cover. It employs two policies to achieve this. The "MDBI" 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 \$34.5M which includes a \$2M component for business interruption cover. The deductible is \$5,000 with a \$50,000 deductible applying for ground mounted assets.

18.2 nil

Amendments to previously disclosed information

19. 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:
- 19.1 a description of each error; and
 - 19.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 16: Disclosure of amendment to previously disclosed information

N/A

Company Name Centralines Limited

For Year Ended 31 March 2017

Schedule 15 Voluntary Explanatory Notes

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



Certification for Year-end Disclosures

Schedule 18, Clause 2.9.2


We, Jon Edmond Nichols and Nicholas Matthew Story, 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.

In respect of related party costs and revenues recorded in accordance with clauses 2.3.6(1) (when valued in accordance with clause 2.2.11(5)(h)(ii) of the Electricity Distribution Services Input Methodologies Determination 2010), 2.3.6(2)(f) and 2.3.7(2)(b), we certify that, having made all reasonable enquiry, including enquiries of our related parties, we are satisfied that to the best of our knowledge and belief the costs and revenues recorded for related party transactions reasonably reflect the price or prices that would have been paid or received had these transactions been at arm's-length.



Director
Date: 31st July 2017



Director
Date: 31st July 2017

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, Julian Tan, using the staff and resources of Audit New Zealand, to provide an opinion, on his behalf, on whether the information disclosed in schedules 1 to 4, 5a to 5g, 6a and 6b, 7, the system average interruption duration index ("SAIDI") and system average interruption frequency index ("SAIFI") information disclosed in Schedule 10 and the explanatory notes in boxes 1 to 12 in Schedule 14 ("the Disclosure Information") for the disclosure year ended 31 March 2017, have been prepared, in all material respects, in accordance with the Electricity Distribution Information Disclosure Determination 2012 (the "Determination").

Directors' responsibility for the Disclosure Information

The directors of the company are responsible for preparation of the Disclosure Information in accordance with the Determination, and for such internal control as the directors determine is necessary to enable the preparation of the Disclosure Information that is free from material misstatement.

Our responsibility for the Disclosure Information

Our responsibility is to express an opinion on whether the Disclosure Information has been prepared, in all material respects, in accordance with the Determination.

Basis of opinion

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised) Assurance Engagements Other Than Audits or Reviews of Historical Financial Information and the Standard on Assurance Engagements 3100: Compliance Engagements issued by the External Reporting 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 in accordance with the Determination.

We have performed procedures to obtain evidence about the amounts and disclosures in the Disclosure Information. The procedures selected depend on our judgement, including the assessment of the risks of material misstatement of the Disclosure Information, whether due to fraud or error or non-compliance with the Determination. In making those risk assessments, we considered internal control relevant to the company's preparation of the Disclosure 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.

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 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.

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 nor do we guarantee complete accuracy of the Disclosure Information. Also we did not evaluate the security and controls over the electronic publication of the Disclosure Information.

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

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; and
- quality control requirements, which incorporate the quality control requirements of Professional and Ethical Standard 3 (Amended) issued by the New Zealand Auditing and Assurance Standards Board.

We also complied with the independence requirements specified in the Determination.

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 and the engagements described below, we have no relationship with or interests in the company:

- annual audit of the company's financial statements;
- an agreed upon procedures engagement for the company in connection with the Price ^{2017/2018} and Quantity ^{2015/16} disclosure schedule for the assessment period ending 31 March 2017; and
- an assurance engagement for the company in respect of the company's compliance statement on the default price-quality path prepared under the Electricity Distribution Services Default Price-Quality Path Determination 2015 NZCC 35 for the year ended 31 March 2017.

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; and
- the Disclosure Information has been prepared, in all material respects, in accordance with the Determination.

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



Julian Tan
Audit New Zealand
On behalf of the Auditor-General
Palmerston North, New Zealand
31 July 2017