



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

Company Name	Centralines Limited
Disclosure Date	31 August 2016
Disclosure Year (year ended)	31 March 2016

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 2016**

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)
7						
8						
9	Operational expenditure	30,670	385	167,145	1,715	36,498
10	Network	12,345	155	67,278	690	14,691
11	Non-network	18,325	230	99,867	1,025	21,807
12						
13	Expenditure on assets	23,214	292	126,512	1,298	27,625
14	Network	21,512	270	117,237	1,203	25,600
15	Non-network	1,702	21	9,274	95	2,025
16						
17	1(ii): Revenue metrics					
18						
19	Total consumer line charge revenue	121,174	1,522			
20	Standard consumer line charge revenue	121,174	1,522			
21	Non-standard consumer line charge revenue	–	–			
22						
23	1(iii): Service intensity measures					
24						
25	Demand density	10				Maximum coincident system demand per km of circuit length (for supply) (kW/km)
26	Volume density	56				Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
27	Connection point density	4				Average number of ICPs per km of circuit length (for supply) (ICPs/km)
28	Energy intensity	12,563				Total energy delivered to ICPs per average number of ICPs (kWh/ICP)
29						
30	1(iv): Composition of regulatory income					
31						
32						
33						
34						
35						
36						
37						
38						
39						
40	1(v): Reliability					
41						
42	Interruption rate		10.09			Interruptions per 100 circuit km

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If an EDB makes this election, information supporting this calculation must be provided in 2(iii).

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

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

sch ref

	CY-2	CY-1	Current Year CY
	31 Mar 14	31 Mar 15	31 Mar 16
	%	%	%
2(i): Return on Investment			
ROI – comparable to a post tax WACC			
Reflecting all revenue earned	3.47%	4.19%	6.31%
Excluding revenue earned from financial incentives	3.47%	4.19%	6.31%
Excluding revenue earned from financial incentives and wash-ups	3.47%	4.19%	5.42%
Mid-point estimate of post tax WACC	5.43%	6.10%	5.37%
25th percentile estimate	4.71%	5.39%	4.66%
75th percentile estimate	6.14%	6.82%	6.09%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	4.16%	4.98%	6.96%
Excluding revenue earned from financial incentives	4.16%	4.98%	6.96%
Excluding revenue earned from financial incentives and wash-ups	4.16%	4.98%	6.07%
WACC rate used to set regulatory price path	8.77%	8.77%	7.19%
Mid-point estimate of vanilla WACC	6.11%	6.89%	6.02%
25th percentile estimate	5.39%	6.17%	5.30%
75th percentile estimate	6.83%	7.60%	6.74%
2(ii): Information Supporting the ROI			
			(\$000)
Total opening RAB value	54,680		
plus Opening deferred tax	(2,024)		
Opening RIV		52,656	
Line charge revenue		12,888	
Expenses cash outflow	6,123		
add Assets commissioned	2,193		
less Asset disposals	26		
add Tax payments	635		
less Other regulated income	149		
Mid-year net cash outflows		8,776	
Term credit spread differential allowance		–	
Total closing RAB value	54,427		
less Adjustment resulting from asset allocation	0		
less Lost and found assets adjustment	–		
plus Closing deferred tax	(2,275)		
Closing RIV		52,151	
ROI – comparable to a vanilla WACC			6.96%
Leverage (%)			44%
Cost of debt assumption (%)			5.26%
Corporate tax rate (%)			28%
ROI – comparable to a post tax WACC			6.31%

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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sch ref

2(iii): Information Supporting the Monthly ROI

61								
62								
63	Opening RIV							N/A
64								
65								
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows	
67	April							-
68	May							-
69	June							-
70	July							-
71	August							-
72	September							-
73	October							-
74	November							-
75	December							-
76	January							-
77	February							-
78	March							-
79	Total	-	-	-	-	-	-	-
80								
81	Tax payments							N/A
82								
83	Term credit spread differential allowance							N/A
84								
85	Closing RIV							N/A
86								
87								
88	Monthly ROI – comparable to a vanilla WACC							N/A
89								
90	Monthly ROI – comparable to a post tax WACC							N/A
91								

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

94	Year-end ROI – comparable to a vanilla WACC	5.54%
95		
96	Year-end ROI – comparable to a post tax WACC	4.89%
97		

* 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

102	Net recoverable costs allowed under incremental rolling incentive scheme	-
103	Purchased assets – avoided transmission charge	
104	Energy efficiency and demand incentive allowance	
105	Quality incentive adjustment	
106	Other financial incentives	
107	Financial incentives	-
108		
109	Impact of financial incentives on ROI	-
110		
111	Input methodology claw-back	397
112	Recoverable customised price-quality path costs	
113	Catastrophic event allowance	
114	Capex wash-up adjustment	
115	Transmission asset wash-up adjustment	
116	2013–2015 NPV wash-up allowance	231
117	Reconsideration event allowance	
118	Other wash-ups	
119	Wash-up costs	628
120		
121	Impact of wash-up costs on ROI	0.89%

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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

sch ref		(\$000)
7	3(i): Regulatory Profit	
8	Income	
9	Line charge revenue	12,888
10	plus Gains / (losses) on asset disposals	10
11	plus Other regulated income (other than gains / (losses) on asset disposals)	139
12		
13	Total regulatory income	13,037
14	Expenses	
15	less Operational expenditure	3,262
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	2,861
18		
19	Operating surplus / (deficit)	6,914
20		
21	less Total depreciation	2,741
22		
23	plus Total revaluations	321
24		
25	Regulatory profit / (loss) before tax	4,493
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	886
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	3,607
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	21
37	Industry levies	20
38	CPP specified pass through costs	
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	2,773
41	Transpower new investment contract charges	
42	System operator services	
43	Distributed generation allowance	
44	Extended reserves allowance	
45	Other recoverable costs excluding financial incentives and wash-ups	
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	2,861
47		

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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sch ref

		(\$000)	
		CY-1	CY
		31 Mar 15	31 Mar 16
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 11		
58	CY-4 31 Mar 12		
59	CY-3 31 Mar 13		
60	CY-2 31 Mar 14		
61	CY-1 31 Mar 15		
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 2016**

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 12 (\$000)	RAB 31 Mar 13 (\$000)	RAB 31 Mar 14 (\$000)	RAB 31 Mar 15 (\$000)	RAB 31 Mar 16 (\$000)
	Total opening RAB value	51,745	52,970	54,464	55,054	54,680
less	Total depreciation	2,325	2,483	2,562	2,694	2,741
plus	Total revaluations	812	455	834	46	321
plus	Assets commissioned	2,738	3,522	2,320	2,274	2,193
less	Asset disposals			2		26
plus	Lost and found assets adjustment					-
plus	Adjustment resulting from asset allocation					0
	Total closing RAB value	52,970	54,464	55,054	54,680	54,427

4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
	Total opening RAB value		54,680		54,680
less	Total depreciation		2,741		2,741
plus	Total revaluations		321		321
plus	Assets commissioned (other than below)	2,193		2,193	
	Assets acquired from a regulated supplier				
	Assets acquired from a related party				
	Assets commissioned		2,193		2,193
less	Asset disposals (other than below)	26		26	
	Asset disposals to a regulated supplier				
	Asset disposals to a related party				
	Asset disposals		26		26
plus	Lost and found assets adjustment				
plus	Adjustment resulting from asset allocation				0
	Total closing RAB value		54,427		54,427

* 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 2016**

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

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

CPI _t	1,200
CPI _{t-4}	1,193
Revaluation rate (%)	0.59%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	54,680		54,680	
<i>less</i> Opening value of fully depreciated, disposed and lost assets	39		39	
Total opening RAB value subject to revaluation	54,641		54,641	
Total revaluations		321		321

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		93		93
<i>plus</i> Capital expenditure	2,189		2,189	
<i>less</i> Assets commissioned	2,193		2,193	
<i>plus</i> Adjustment resulting from asset allocation				
Works under construction - current disclosure year		89		89

Highest rate of capitalised finance applied

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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

76 4(v): Regulatory Depreciation

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
77				
78				
79	Depreciation - standard	2,741	2,741	
80	Depreciation - no standard life assets			
81	Depreciation - modified life assets			
82	Depreciation - alternative depreciation in accordance with CPP			
83	Total depreciation		2,741	2,741

85 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

96 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	
98											
99	Total opening RAB value	2,276	374	7,220	25,842	4,781	6,911	3,377	1,335	2,564	54,680
100	less Total depreciation	110	9	275	1,037	124	400	312	124	351	2,741
101	plus Total revaluations	13	2	42	152	28	41	20	8	15	321
102	plus Assets commissioned	204		230	755	240	355	227	1	181	2,193
103	less Asset disposals									26	26
104	plus Lost and found assets adjustment										-
105	plus Adjustment resulting from asset allocation										-
106	plus Asset category transfers										-
107	Total closing RAB value	2,383	367	7,218	25,712	4,925	6,907	3,312	1,220	2,383	54,427
108											
109	Asset Life										
110	Weighted average remaining asset life	28.5	42.0	31.6	33.8	40.3	19.8	22.8	19.7	17.7	(years)
111	Weighted average expected total asset life	60.0	55.0	42.0	60.0	55.0	45.0	40.0	26.0	21.0	(years)

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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 1.4.

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		4,493
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable		*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	1	*
12	Amortisation of initial differences in asset values	1,255	
13	Amortisation of revaluations	130	
14			1,386
15			
16	<i>less</i> Total revaluations	321	
17	Income included in regulatory profit / (loss) before tax but not taxable		*
18	Discretionary discounts and customer rebates	1,206	
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax		*
20	Notional deductible interest	1,188	
21			2,714
22			
23	Regulatory taxable income		3,165
24			
25	<i>less</i> Utilised tax losses		
26	Regulatory net taxable income		3,165
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		886

* 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)

36	Opening unamortised initial differences in asset values	18,818	
37	<i>less</i> Amortisation of initial differences in asset values	1,255	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired		
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed		
40	Closing unamortised initial differences in asset values		17,563
41			
42	Opening weighted average remaining useful life of relevant assets (years)		15

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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 1.4.

sch ref

44	5a(iv): Amortisation of Revaluations		(\$000)
45			
46	Opening sum of RAB values without revaluations	51,053	
47			
48	Adjusted depreciation	2,611	
49	Total depreciation	2,741	
50	Amortisation of revaluations		130
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	(2,024)	
61			
62	plus Tax effect of adjusted depreciation	731	
63			
64	less Tax effect of tax depreciation	639	
65			
66	plus Tax effect of other temporary differences*	8	
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	0	
73			
74	plus Deferred tax cost allocation adjustment	(0)	
75			
76	Closing deferred tax		(2,275)
77			
78	5a(vii): Disclosure of Temporary Differences		
79	<i>In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).</i>		
80			
81	5a(viii): Regulatory Tax Asset Base Roll-Forward		
82			(\$000)
83	Opening sum of regulatory tax asset values	25,591	
84	less Tax depreciation	2,283	
85	plus Regulatory tax asset value of assets commissioned	2,193	
86	less Regulatory tax asset value of asset disposals	26	
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		25,475

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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

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5b(i): Summary—Related Party Transactions

(\$000)

Total regulatory income	
Operational expenditure	2,103
Capital expenditure	268
Market value of asset disposals	
Other related party transactions	

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

Name of related party	Related party relationship
Unison Networks Ltd	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	2,103	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]

* include additional rows if needed

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

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

sch ref

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

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Cost of executing an interest rate swap	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	44%	
Average opening and closing RAB values		
Attribution Rate (%)		-
Term credit spread differential allowance		-

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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)				
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)
7	5d(i): Operating Cost Allocations					
8						
9						
10	Service interruptions and emergencies					
11	Directly attributable		271			
12	Not directly attributable				-	
13	Total attributable to regulated service		271			
14	Vegetation management					
15	Directly attributable		483			
16	Not directly attributable				-	
17	Total attributable to regulated service		483			
18	Routine and corrective maintenance and inspection					
19	Directly attributable		107			
20	Not directly attributable				-	
21	Total attributable to regulated service		107			
22	Asset replacement and renewal					
23	Directly attributable		452			
24	Not directly attributable				-	
25	Total attributable to regulated service		452			
26	System operations and network support					
27	Directly attributable		247			
28	Not directly attributable		(4)	(4)	(8)	
29	Total attributable to regulated service		243			
30	Business support					
31	Directly attributable		1,635			
32	Not directly attributable		71	25	96	
33	Total attributable to regulated service		1,706			
34						
35	Operating costs directly attributable		3,195			
36	Operating costs not directly attributable	-	67	21	88	-
37	Operational expenditure		3,262			
38						

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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**

		(\$000)
40	Pass through and recoverable costs	
41	Pass through costs	
42	Directly attributable	83
43	Not directly attributable	
44	Total attributable to regulated service	83
45	Recoverable costs	
46	Directly attributable	2,773
47	Not directly attributable	
48	Total attributable to regulated service	2,773

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

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

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

		(\$000)	
		CY-1	Current Year (CY)
69	Change in cost allocation 3		
70	Cost category		
71	Original allocator or line items		
72	New allocator or line items		
73		-	-
74			
75	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 2016**

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
10	Subtransmission lines	
11	Directly attributable	2,383
12	Not directly attributable	
13	Total attributable to regulated service	2,383
14	Subtransmission cables	
15	Directly attributable	367
16	Not directly attributable	
17	Total attributable to regulated service	367
18	Zone substations	
19	Directly attributable	7,218
20	Not directly attributable	
21	Total attributable to regulated service	7,218
22	Distribution and LV lines	
23	Directly attributable	25,712
24	Not directly attributable	
25	Total attributable to regulated service	25,712
26	Distribution and LV cables	
27	Directly attributable	4,925
28	Not directly attributable	
29	Total attributable to regulated service	4,925
30	Distribution substations and transformers	
31	Directly attributable	6,907
32	Not directly attributable	
33	Total attributable to regulated service	6,907
34	Distribution switchgear	
35	Directly attributable	3,312
36	Not directly attributable	
37	Total attributable to regulated service	3,312
38	Other network assets	
39	Directly attributable	1,220
40	Not directly attributable	
41	Total attributable to regulated service	1,220
42	Non-network assets	
43	Directly attributable	2,383
44	Not directly attributable	
45	Total attributable to regulated service	2,383
47	Regulated service asset value directly attributable	54,427
48	Regulated service asset value not directly attributable	-
49	Total closing RAB value	54,427

5e(ii): Changes in Asset Allocations* †		(\$000)	
		CY-1	Current Year (CY)
53	Change in asset value allocation 1		
54	Asset category		
55	Original allocator or line items		
56	New allocator or line items		
57		-	-
58	Rationale for change		
60			
61	Change in asset value allocation 2		
62	Asset category		
63	Original allocator or line items		
64	New allocator or line items		
65		-	-
66	Rationale for change		
68			
69	Change in asset value allocation 3		
70	Asset category		
71	Original allocator or line items		
72	New allocator or line items		
73		-	-
74	Rationale for change		
75			

* 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 compon
 † include additional rows if needed

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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			404
9	System growth			370
10	Asset replacement and renewal			972
11	Asset relocations			103
12	Reliability, safety and environment:			
13	Quality of supply	439		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	-		
16	Total reliability, safety and environment			439
17	Expenditure on network assets			2,288
18	Expenditure on non-network assets			181
19				
20	Expenditure on assets			2,469
21	plus Cost of financing			
22	less Value of capital contributions			280
23	plus Value of vested assets			
24				
25	Capital expenditure			2,189
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		173	
33	Commercial		122	
34	Irrigators		87	
35	Customer Damage		22	
36	[EDB consumer type]			
37	<i>* include additional rows if needed</i>			
38	Consumer connection expenditure			404
39				
40	less Capital contributions funding consumer connection expenditure	280		
41	Consumer connection less capital contributions			124
42	6a(iv): System Growth and Asset Replacement and Renewal			
43				
44				
45	Subtransmission	25		204
46	Zone substations			
47	Distribution and LV lines	262		414
48	Distribution and LV cables	34		181
49	Distribution substations and transformers	45		130
50	Distribution switchgear	4		41
51	Other network assets			2
52	System growth and asset replacement and renewal expenditure	370		972
53	less Capital contributions funding system growth and asset replacement and renewal			
54	System growth and asset replacement and renewal less capital contributions	370		972
55				
56	6a(v): Asset Relocations			
57	<i>Project or programme*</i>		(\$000)	(\$000)
58	Rearrange HV and LV lines		23	
59	Replace problematic pedestal with a TUD		6	
60	Reposition section of 11kv away from shelterbelt		6	
61	Install new cables to reach newly installed Chorus poles		4	
62	Replace 2 pole transformer structure with ground mounted transformer		64	
63	<i>* include additional rows if needed</i>			
64	All other projects or programmes - asset relocations			
65	Asset relocations expenditure			103
66	less Capital contributions funding asset relocations			
67	Asset relocations less capital contributions			103

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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	Replace old transformer due to high voltage and old age		8	
72	Establish comms and automation of the Paget Rd regulator		41	
73	Replace aged recloser R45 with NOVA		36	
74	Install new 100kVA transformer to alleviate poor voltage in Blundell Ave		25	
	Change sectionaliser S47 to Recloser		42	
	Change sectionaliser S53 to Recloser R55 and install new RCS57		57	
	Connect RTU onto Fibre network and install a port server at Waipawa Sub		112	
	Connect RTU onto Fibre network and install a port server at Waipukurau Sub		118	
75				
76	<i>* include additional rows if needed</i>			
77	All other projects programmes - quality of supply			
78	Quality of supply expenditure			439
79	<i>less</i> Capital contributions funding quality of supply			
80	Quality of supply less capital contributions			439
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	<i>less</i> 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				
96				
97				
98				
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			-
103	<i>less</i> Capital contributions funding other reliability, safety and environment			
104	Other reliability, safety and environment less capital contributions			-
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	<i>Project or programme*</i>		(\$000)	(\$000)
109	Buildings		2	
110	Office Equipment		3	
111	Motor Vehicles		144	
112	Plant & Equipment		32	
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			181
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			181

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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	271	
9	Vegetation management	483	
10	Routine and corrective maintenance and inspection	107	
11	Asset replacement and renewal	452	
12	Network opex		1,313
13	System operations and network support	243	
14	Business support	1,706	
15	Non-network opex		1,949
16			
17	Operational expenditure		3,262
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		92
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name **Centralines Limited**
For Year Ended **31 March 2016**

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): Revenue		Target (\$000) ¹	Actual (\$000)	% variance
7				
8	Line charge revenue		12,888	–
7(ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
9				
10	Consumer connection	300	404	35%
11	System growth	430	370	(14%)
12	Asset replacement and renewal	1,600	972	(39%)
13	Asset relocations	120	103	(14%)
14	Reliability, safety and environment:			
15	Quality of supply	440	439	(0%)
16	Legislative and regulatory		–	–
17	Other reliability, safety and environment		–	–
18	Total reliability, safety and environment	440	439	(0%)
19	Expenditure on network assets	2,890	2,288	(21%)
20	Expenditure on non-network assets	210	181	(14%)
21	Expenditure on assets	3,100	2,469	(20%)
7(iii): Operational Expenditure				
22				
23	Service interruptions and emergencies	278	271	(3%)
24	Vegetation management	567	483	(15%)
25	Routine and corrective maintenance and inspection	199	107	(46%)
26	Asset replacement and renewal	407	452	11%
27	Network opex	1,451	1,313	(10%)
28	System operations and network support	383	243	(37%)
29	Business support	1,810	1,706	(6%)
30	Non-network opex	2,193	1,949	(11%)
31	Operational expenditure	3,644	3,262	(10%)
7(iv): Subcomponents of Expenditure on Assets (where known)				
32				
33	Energy efficiency and demand side management, reduction of energy losses		–	–
34	Overhead to underground conversion		–	–
35	Research and development		–	–
36				
7(v): Subcomponents of Operational Expenditure (where known)				
37				
38	Energy efficiency and demand side management, reduction of energy losses		–	–
39	Direct billing		–	–
40	Research and development		–	–
41	Insurance		92	–
42				

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

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

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 ED 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.

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8(i): Billed Quantities by Price Component

Price component	Billed quantities by price component															
	24UC	AICO	CTRL	CTUD	TAIC	NITE	UNMT	DMND	KVAR	SOPD	WOPD	Fixed	DGEN	DGNS	DGNU	
Unit charging basis (eg. days, kWh of demand, kVA of capacity, etc.)	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand	kVar	Demand	Demand	Daily	kWh	kWh	kWh	
Consumer group name or price category code	Energy delivered to ICPS in disclosure year (MWh)															
Consumer type or types (eg. residential, commercial etc.)																
Standard or non-standard consumer group (specify)																
Average no. of ICPS in disclosure year																
ICP1 Residential Standard 2,324 12,752	3,949,897	7,862,710	502,412	309,130		152,423							989,071	812	94,624	29,526
ICP11 Industrial Standard 1 6,925					6,918,544				14,495	382	13,440					
ICP12 Industrial Standard 1 21,663					21,663,289				47,696	16,172	46,539					
ICP2H Commercial Standard 540 10,209	7,614,493	1,108,705	117,432	992,792		435,808										195,753
ICP2I Commercial Standard 74 6,338	2,437,377			20,197	2,613,367				1,286,727							26,844
ICP3 Commercial Standard 1,691 2,691	3,252,286	735,059	40,825	66,458		75,133										155,676
ICP2R Residential Standard 3,424 16,711	11,041,161	13,482,345	5,145,872	715,984		314,216						1,226,497			29,415	44,677
ICP3 Commercial Standard 64 5,862	3,571,141		13,640	942,892	406,288	407,977			1,494	420	1,439					22,576
ICP4 Commercial Standard 25 5,900	2,504,575		1,146,110	1,220,474	428,508				5,051	858	4,890					1,400
ICP5 Commercial Standard 9 5,025	44,088			5,012,172					37,015	2,138	16,442					3,784
ICP6 Commercial Standard 2 1,286				1,286,456					3,421	730	3,744					732
ICP8 Commercial Standard 1 460				659,779					1,862	165	1,814					866
ICP Commercial Standard 1 1																519
LCP1 Commercial Standard 143 309	3,100						309,046									
LCP2 Commercial Standard 4 430							430,335									329,112
Add extra rows for additional consumer groups or price category codes as necessary																
Standard consumer totals	33,467,523	22,689,460	1,877,378	6,786,120	37,767,000	3,031,111	738,981	91,345	21,075	86,494	1,834	3,261,314	812	65,469	74,103	
Non-standard consumer totals																
Total for all consumers	33,467,523	22,689,460	1,877,378	6,786,120	37,767,000	3,031,111	738,981	91,345	21,075	86,494	1,834	3,261,314	812	65,469	74,103	

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

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 ED 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

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)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg. 5 per day, 5 per kWh, etc)
C011	Residential	Standard	\$2,089		\$2,089		
C0111	Industrial	Standard	\$228		\$228		
C0112	Industrial	Standard	9862		9862		
C0201	Commercial	Standard	\$1,437		\$1,437		
C021	Commercial	Standard	\$762		\$762		
C0211	Commercial	Standard	\$1,053		\$1,053		
C0212	Residential	Standard	\$4,356		\$4,356		
C03	Commercial	Standard	\$701		\$701		
C04	Commercial	Standard	\$617		\$617		
C05	Commercial	Standard	\$409		\$409		
C06	Commercial	Standard	\$104		\$104		
C06	Commercial	Standard	\$56		\$56		
T1P	Commercial	Standard	\$1		\$1		
LD1	Commercial	Standard	\$40		\$40		
LD2	Commercial	Standard	\$22		\$22		
Add extra rows for additional consumer groups or price category codes as necessary							
Standard consumer totals			\$12,888		\$12,888		
Non-standard consumer totals							
Total for all consumers			\$12,888		\$12,888		

Price component		24UC	ACCD	CTRL	CTUD	TAIC	NITE	UNMT	DMND	KVAR	SOPD	WOPD	Fixed	DGIN	DGNS	DGNU
kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand	kVar	Demand	Demand	Daily	kWh	kWh	kWh
5670	\$1,142	503	570		\$6								\$140			
									\$38	\$3	\$134		\$33			
									\$20	\$20	\$40		\$10			
9891	\$109	98	\$154		\$13								\$264			
\$266		\$2	\$379		\$36								\$80			
\$240	\$20	\$2	\$9		\$1								\$774			
\$1,258	\$1,173	\$21	\$107		\$9								\$1,754			
\$378		\$2	\$137		\$11				\$9	\$3	\$14		\$146			
\$144			\$87		\$6				\$29	\$7	\$49		\$295			
\$2									\$69	\$18	\$164		\$156			
									\$15	\$6	\$97		\$46			
									\$8	\$1		\$18	\$29			
\$0													\$1			
									\$45							
									\$16							\$16
\$3,873	\$2,444	\$121	\$944		\$82	\$96	\$381	\$163	\$801	\$18	\$3,904					
\$3,873	\$2,444	\$121	\$944		\$82	\$96	\$381	\$163	\$801	\$18	\$3,904					

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

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end:

Check:

Company Name	Centralines Limited
For Year Ended	31 March 2016
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

sch ref	Voltage	Asset category	Asset class	Units	Items at start of	Items at end of	Net change	Data accuracy
					year (quantity)	year (quantity)		(1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	17,454	17,543	89	2
9	All	Overhead Line	Wood poles	No.	319	216	(103)	2
10	All	Overhead Line	Other pole types	No.	-	-	-	2
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	94	94	0	3
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	2	2	(0)	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	-	4
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.	14	13	(1)	3
28	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	N/A
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	11	11	-	3
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	27	27	-	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	2	2	-	3
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	7	7	-	4
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,386	1,394	8	3
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	28	28	0	3
38	HV	Distribution Cable	Distribution UG PILC	km	1	2	1	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.	72	73	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.	3,187	3,192	5	3
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	7	7	-	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	16	16	-	3
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,114	2,120	6	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	160	165	5	3
47	HV	Distribution Transformer	Voltage regulators	No.	5	5	-	4
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	4	4	1
49	LV	LV Line	LV OH Conductor	km	284	284	0	3
50	LV	LV Cable	LV UG Cable	km	98	98	(0)	3
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	62	63	1	3
52	LV	Connections	OH/UG consumer service connections	No.	8,107	8,162	55	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	56	57	1	2
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	3
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.	5	6	1	1
58	All	Civils	Cable Tunnels	km	-	-	-	N/A

Company Name	Centralines Limited
For Year Ended	31 March 2016
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.

sch ref	Disclosure Year (year ended)		Number of assets at disclosure year end by installation date																		No. with age unknown	end of year (quantity)	No. with default dates	Data accuracy (1-4)					
	11 March 2016		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
9	Voltage	Asset category	Asset class	Units																									
10	All	Overhead Line	Concrete poles / steel structure	No.		2,062	3,671	2,393	1,508	3,427	2,177	216	139	115	113	3	8	50	81	172	271	416	247	121	130	135	98		
11	All	Overhead Line	Wood poles	No.		31	44	15	47	53	13	1		1		1		6	2		1								
12	All	Overhead Line	Other pole types	No.																									
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km																		1							
14	HV	Subtransmission Cable	Subtransmission OH 110kV+ conductor	km																									
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km																									
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km																		1							
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km																				0					
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km																									
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km																									
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km																									
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																									
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km																									
23	HV	Subtransmission Cable	Subtransmission submarine cable	km																									
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.				1		2																			
25	HV	Zone substation Buildings	Zone substations 110kV+	No.																									
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.																									
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.																									
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.																									
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.																									
30	HV	Zone substation switchgear	33kV RMU	No.																									
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.																									
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.																									
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.					18													9							
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.																									
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.					2																				
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km				2	4	9	8	2	0	2	0	3	2	2	6	25	15	26	22	7	7	4	10	0	
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km																									
38	HV	Distribution Line	SWER conductor	km																									
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km				0	0	0	2	0		2	2	1	0	2	1	3	1	1	1	0	1	0	1	0	
40	HV	Distribution Cable	Distribution UG PILC	km																									
41	HV	Distribution Cable	Distribution Submarine Cable	km																									
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.					3		14		4	9		18	4	3		2		2	1	6	4		2	1	
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.																									
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1		1	15	88	85	424	55	165	124	185	305	175	214	151	186	108	206	235	103	108	157	78	23	
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.																									
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.																									
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	2	9	54	368	514	424	270	33	20	43	41	53	17	29	41	23	33	40	21	18	21	22	22	2	
48	HV	Distribution Transformer	Ground Mounted Transformer	No.					10	19	4	29	1	2	9	11	7	9	11	8	12	8	10	2	2	2	3	4	2
49	HV	Distribution Transformer	Voltage regulators	No.					1																				
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.						1																			
51	LV	LV Line	LV OH Conductor	km																									
52	LV	LV Cable	LV UG Cable	km					0	2	3	5	0	1															
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km					0	1	1	3																	
54	LV	Connections	OH/UG consumer service connections	No.																									
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.																									
56	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot																									
57	All	Capacitor Banks	Capacitors including controls	No.																									
58	All	Load Control	Centralised plant	Lot																									
59	All	Load Control	Relays	No.																									
60	All	Civils	Cable Tunnels	km																									

Company Name	Centralines Limited
For Year Ended	31 March 2016
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)	Total circuit length (km)
11	> 66kV			—
12	50kV & 66kV			—
13	33kV	94	2	96
14	SWER (all SWER voltages)			—
15	22kV (other than SWER)			—
16	6.6kV to 11kV (inclusive—other than SWER)	1,394	30	1,424
17	Low voltage (< 1kV)	284	98	382
18	Total circuit length (for supply)	1,772	130	1,902
19				
20	Dedicated street lighting circuit length (km)	44	19	63
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			3
22				
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)	
24	Urban	110	6%	
25	Rural	1,160	65%	
26	Remote only		—	
27	Rugged only	370	21%	
28	Remote and rugged		—	
29	Unallocated overhead lines	132	7%	
30	Total overhead length	1,772	100%	
31				
32		Circuit length (km)	(% of total circuit length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	283	15%	
34		Circuit length (km)	(% of total overhead length)	
35	Overhead circuit requiring vegetation management	1,772	100%	

Company Name **Centralines Limited**
 For Year Ended **31 March 2016**

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

<i>sch ref</i>	Location *	Number of ICPs served	Line charge revenue (\$000)
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

* 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 2016
Network / Sub-network Name	Centralines

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

8	9e(i): Consumer Connections		
9	Number of ICPs connected in year by consumer type		
10			
11	Consumer types defined by EDB*		Number of connections (ICPs)
12	CH2H		1
13	CH2L		3
14	CH2R		45
15	CH4		1
16	U01		6
17	* include additional rows if needed		
18	Connections total		56
19	Distributed generation		
20	Number of connections made in year	25	connections
21	Capacity of distributed generation installed in year	0.09	MVA
22	9e(ii): System Demand		
23			
24			Demand at time of maximum coincident demand (MW)
25	Maximum coincident system demand		
26	GXP demand	19.52	
27	plus Distributed generation output at HV and above	-	
28	Maximum coincident system demand	20	
29	less Net transfers to (from) other EDBs at HV and above	-	
30	Demand on system for supply to consumers' connection points	20	
31	Electricity volumes carried		Energy (GWh)
32	Electricity supplied from GXPs	116.34	
33	less Electricity exports to GXPs	-	
34	plus Electricity supplied from distributed generation	0.12	
35	less Net electricity supplied to (from) other EDBs		
36	Electricity entering system for supply to consumers' connection points	116	
37	less Total energy delivered to ICPs	106	
38	Electricity losses (loss ratio)	10	8.7%
39			
40	Load factor	0.68	
41	9e(iii): Transformer Capacity		
42			(MVA)
43	Distribution transformer capacity (EDB owned)	89.38	
44	Distribution transformer capacity (Non-EDB owned, estimated)	9.75	
45	Total distribution transformer capacity	99	
46			
47	Zone substation transformer capacity	77.00	

Company Name	Centralines Limited
For Year Ended	31 March 2016
Network / Sub-network Name	

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

8 **10(i): Interruptions**

9 **Interruptions by class**

	Number of interruptions
10 Class A (planned interruptions by Transpower)	-
11 Class B (planned interruptions on the network)	126
12 Class C (unplanned interruptions on the network)	63
13 Class D (unplanned interruptions by Transpower)	-
14 Class E (unplanned interruptions of EDB owned generation)	-
15 Class F (unplanned interruptions of generation owned by others)	-
16 Class G (unplanned interruptions caused by another disclosing entity)	-
17 Class H (planned interruptions caused by another disclosing entity)	-
18 Class I (interruptions caused by parties not included above)	3
19 Total	192

21 **Interruption restoration**

	≤3Hrs	>3hrs
22 Class C interruptions restored within	53	10

24 **SAIFI and SAIDI by class**

	SAIFI	SAIDI
25 Class A (planned interruptions by Transpower)	-	-
26 Class B (planned interruptions on the network)	0.30	69.20
27 Class C (unplanned interruptions on the network)	1.26	38.07
28 Class D (unplanned interruptions by Transpower)	-	-
29 Class E (unplanned interruptions of EDB owned generation)	-	-
30 Class F (unplanned interruptions of generation owned by others)	-	-
31 Class G (unplanned interruptions caused by another disclosing entity)	-	-
32 Class H (planned interruptions caused by another disclosing entity)	-	-
33 Class I (interruptions caused by parties not included above)	0.00	0.07
34 Total	1.56	107.3

36 **Normalised SAIFI and SAIDI**

	Normalised SAIFI	Normalised SAIDI
37 Classes B & C (interruptions on the network)	1.56	107.34

39 **Quality path normalised reliability limit**

	SAIFI reliability limit	SAIDI reliability limit
40 SAIFI and SAIDI limits applicable to disclosure year*	4.20	139.35

41 * not applicable to exempt EDBs

Company Name	Centralines Limited
For Year Ended	31 March 2016
Network / Sub-network Name	

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	0.02	0.08
Vegetation	0.15	8.76
Adverse weather	0.02	0.61
Adverse environment	-	-
Third party interference	0.05	2.78
Wildlife	0.06	3.63
Human error	0.10	0.34
Defective equipment	0.30	11.18
Cause unknown	0.56	10.69

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	-	-
Subtransmission cables	-	-
Subtransmission other	0.00	0.05
Distribution lines (excluding LV)	-	-
Distribution cables (excluding LV)	-	-
Distribution other (excluding LV)	0.30	69.14

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)	0.51	21.51
Distribution cables (excluding LV)	0.01	1.36
Distribution other (excluding LV)	0.73	15.21

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	-		-
Subtransmission cables	-		-
Subtransmission other	2		
Distribution lines (excluding LV)	29		-
Distribution cables (excluding LV)	1		-
Distribution other (excluding LV)	157		
Total	189		

Company Name	Centralines Limited
For Year Ended	31 March 2016

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 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)

Temporary differences are those used in Centralines annual tax return

Other temporary differences:

Provision for Employee Entitlements	8
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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) – Motor Vehicles – \$101K Spray Truck.

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, a 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 2016 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: The Customer Contributions overspend to budget was due to an increased demand for customer connections requiring complex network alterations.

System Growth: Both the planned re-conductor projects went extremely well and were completed utilising internal resources resulting in a considerable saving in the actual System Growth expenditure.

Asset Replacement and Renewal: 6 budgeted 33kv CAPEX MAPT jobs were deferred, as after the pole inspections were complete, all poles were deemed to be in good condition and have a life span that exceeded well over 5 years. This resulted in considerable savings in the Asset Replacement and Renewal expenditure.

Asset Relocations: There were less than anticipated assets requiring relocation during the 2015/2016 financial year.

7(iii)

Routine and Corrective Maintenance and Inspection: Centralines' asset inspector retired after a struggle with ill health and the strategy was formulated to aerial inspect the feeders via helicopter. This saved a huge amount of time and cost, and resulted in the underspend in the planned Routine and Corrective and Inspection expenditure.

Asset Replacement and Renewal: Budgets were stretched due to both of the main OPEX MAPT Feeder jobs being located out at the coast. This resulted in a higher than anticipated cost of travel and also lost production time. Also, a lot more defect work was completed than anticipated. Both of these factors, resulted in actual expenditure being higher for Asset Replacement and Renewal than forecast.

Vegetation Management: Expenditure was less than forecast as the use of external contractors was less than expected. A larger amount of the work was completed by Centralines' staff.

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

Revenue was 3.14% above budget. This is attributed to low rainfall and therefore higher irrigation demand than forecast.

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

Network reliability was below regulatory limits.

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

Ground-mounted equipment, including sub-station building and equipment and ground-mounted transformers and switches are insured. The policy covers \$10.4 million of assets, with a deductible of \$50,000 for each and every loss.

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	<u>Centralines Limited</u>
For Year Ended	<u>31 March 2016</u>

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: 27 July 2016



Director
Date: 27 July 2016

Independent Auditor's Report

To the Directors of Centralines Limited and to 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 her behalf, on whether 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 2016, have been prepared, in all material respects, in accordance with the Electricity Distribution Disclosure Information 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.

Auditor's 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: Assurance Engagements Other Than Audits or Reviews of Historical Financial Information issued by the External Reporting Board 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 audit to provide reasonable assurance (which is also referred to as 'audit' 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.

We also evaluated:

- the appropriateness of assumptions used and whether they have been consistently applied; and

- the reasonableness of the significant judgements made by the directors of 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 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 an audit 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 auditor's report has been formed on the above basis.

Independence

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 her 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 ^{2015/2016} and Quantity ^{2014/15} 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 2016.

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
27 July 2016