COMMERCE COMMISSION NEW ZEALAND	
Informa	Disclosure Requirements ation Templates for edules 1–10
-	Centralines Limited 31 August 2016 31 March 2016 chedules 1–10 excluding 5f–5g n 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.

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7	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)
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		· · · · · · · · · · · · · · · · · · ·				<u> </u>
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 18	1(ii): Revenue metrics	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)			
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 24	1(iii): Service intensity measures					
25	Demand density	10	Maximum coinci	dent system deman	d per km of circuit l	ength (for supply) (kW/kn
26	Volume density	56	Total energy deli	vered to ICPs per kn	n of circuit length (f	or supply) (MWh/km)
27	Connection point density	4	Average number	of ICPs per km of ci	rcuit length (for sup	oply) (ICPs/km)
28 29	Energy intensity	12,563	Total energy deli	vered to ICPs per av	erage number of IC	Ps (kWh/ICP)
30 31	1(iv): Composition of regulatory income		(\$000)	% of revenue		
32	Operational expenditure		3,262	25.02%		
33	Pass-through and recoverable costs excluding financial incen	tives and wash-ups	2,861	21.95%		
34	Total depreciation		2,741	21.03%		
35	Total revaluations		321	2.46%		
36	Regulatory tax allowance		886	6.80%		
37	Regulatory profit/(loss) including financial incentives and was	sh-ups	3,607	27.67%		
38 39	Total regulatory income		13,037			
40 41	1(v): Reliability					
42	Interruption rate		10.09	Interruptions per	r 100 circuit km	

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WACC rate used to set regulatory price path 8.77% 7.19 Mid-point estimate of vanilla WACC 6.11% 6.83% 6.020 2 Sth percentile estimate 5.39% 6.17% 5.39% 2 Sth percentile estimate 5.39% 6.17% 5.39% 2 (ii): Information Supporting the ROI (5000) 6.83% 7.60% 2 (iii): Information Supporting the ROI (5000) 53.66% 6.23% 2 (iii): Information Supporting the ROI (5000) 53.66% 6.23% 2 (iii): Information Supporting the ROI (5000) 53.66% 6.23% 2 (iii): Information Supporting the ROI (5000) 53.66% 12.888 2 (iii): Information Supporting the ROI (5000) 53.66% 12.888 2 (iii): Information Supporting the ROI (5000) 53.66% 12.888 2 (iii): Information Supporting the ROI (2.24% 52.656 2 (iii): Information Supporting the ROI 53.66% 12.888 2 (iii): Information Supporting the ROI (3.00%) 13.83% 3 add Tax payments 6.113 6.33% 4 dt Stass Commissioned (3.27%) 52.151 4 dt Stass Adjustment (3.27%) 52.151 5 Closing Riv 52.151 5 Closing Riv 52.25						
WACC rate used to set regulatory price path 8.77% 8.77% 7.19 Mid-point estimate of vanilla WACC 6.11% 6.89% 6.022 25th percentile estimate 5.39% 6.17% 5.39 75th percentile estimate 5.39% 6.17% 5.39 75th percentile estimate 5.63% 7.60% 6.74 2(ii): Information Supporting the ROI (5000) (5000) 2 Total opening RAB value 54,680 (2,024) plus Opening RAB value 52,656 12,888 Expenses cash outflow 6,123 2,193 2,635 add Asset isopoals 2,193 2,635 add Asset scommissioned 2,193 2,193 tess Other regulated income 1439 8,776 Mid-year net cash outflows tess Other asset allocation 0 tess Losing RAB value 54,427 tess Losing RAB value 54,227 <td< td=""><td>-</td><td>le earned from financial incentives and wash-ups</td><td></td><td>4.16%</td><td>4.98%</td><td>6.07%</td></td<>	-	le earned from financial incentives and wash-ups		4.16%	4.98%	6.07%
Mid-point estimate of vanilla WACC 6.11% 6.89% 6.02 Z5th percentile estimate 5.33% 6.17% 5.30 75th percentile estimate 6.83% 7.60% 6.74% Z(ii): Information Supporting the ROI (\$000) 6.13% 6.74% Plus Opening RAB value 54.680 (2.024) 52.656 Une charge revenue 122.888 266 122.888 d Assets commissioned 2.193 6.33 2.666 une charge revenue 122.888 2.663 2.193 6.33 2.666 une charge revenue 12.888 2.663 2.193 6.33 2.193 6.33 2.193 6.33 2.666 2.193 6.33 2.666 2.193 6.33 2.666 2.193 6.33 2.666 2.193 6.33 2.66 3.35 3.35 7.76 5.326 3.35 <td></td> <td>to cot regulatory price path</td> <td>_</td> <td>9 77%</td> <td>9 77%</td> <td>7 10%</td>		to cot regulatory price path	_	9 77%	9 77%	7 10%
Mid-point estimate of vanilla WACC 6.11% 6.89% 6.02 ZSth percentile estimate 5.39% 6.17% 5.30 75th percentile estimate 5.39% 6.17% 5.30 2(ii): Information Supporting the ROI (5000) Total opening RAB value 54,680 plus Opening deferred tax (2,024) Opening RV 52,656 Line charge revenue 12,888 Expenses cash outflow 6,123 add Asset scommissioned 2,193 less Asset disposis 26 add Asset scommissioned 2,193 less Other regulated income 143 Mid-year net cash outflows 6,355 6,355 rem credit spread differential allowance - Total closing RAB value 54,427 plus Closing deferred tax - Closing RIV 52,151		to set regulatory price path	L	0.7770	8.7770	7.15%
2 Sth percentile estimate 5.39% 6.17% 5.30% 7 Sth percentile estimate 6.83% 7.60% 6.7% 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 $12,888$ exponses cash outflow 6.123 add Assets commissioned $2,193$ i.ess Assets commissioned $2,193$ i.ess Assets commissioned 6.351 i.ess Other regulated income $8,776$ Mid-year net cash outflows $ -$ Term credit spread differential allowance $ -$ i.ess Adjustment resulting from asset allocation 0 $-$ i.ess Adjustment resulting from asset allocation $ -$ i.ess Adjustment resulting from asset allocation $ -$ i.ess Adjustment resulting from asset allocation $ -$ i.ess Lowerage (%) $52,255$ $52,052$ $52,05$		ate of vanilla WACC	_	6 11%	6 89%	6.02%
75th percentile estimate 6.83% 7.60% 6.74 2 (ii): Information Supporting the ROI (5000) Total opening RAB value 54,680 9 Jus Opening deferred tax (2,024) 9 Opening RIV 52,656 1 Line charge revenue 12,888 8 Expenses cash outflow 6,123 9 dd Assett Stopsals 2,193 1 dd 12,888 2,193 1 dd Assett Stopsals 26 1 dd Tax payments 635 1 ess Assett Stopsals 26 1 dd Tax payments 635 1 ess Assett disposals 2,193 2 kess Other regulated income 149 Mid-year net cash outflows 1 total closing RAB value 54,427 1 ess Adjustment resulting from asset allocation 1 ess Cosing RIV 52,215 8 ROI - comparable to a vanilla WACC 6.39						
2 (ii): Information Supporting the ROI (5000) Total opening RAB value 54.680 plos Opening deferred tax Opening RIV 52,656 Line charge revenue 12,888 Expenses cash outflow 6,123 dd Assets commissioned less Asset disposals add Tax payments less Other regulated income Mid-year net cash outflows 6,123 Term credit spread differential allowance - Total closing RAB value 54,427 less Lost and found assets allocation less Lost and found assets adjustment plos Closing RIV ROI - comparable to a vanilla WACC 6.95 Leverage (%) 44 Cost of debt assumption (%) 5.26 Corporate tax rate (%) 2.26						
2(ii): Information Supporting the ROI (5000) Total opening RAB value 54,680 plus Opening deferred tax Opening RIV 52,856 Line charge revenue 12,888 Expenses cash outflow 6,123 add Assets commissioned less Assets commissioned iess Assets commissioned iess Other regulated income Mid-year net cash outflows 8,776 Term credit spread differential allowance	9			0.0370	7.0070	0.7470
Total opening RAB value 54,680 <i>plus</i> Opening deferred tax Opening RIV 52,656 Line charge revenue 12,888 Expenses cash outflow 6,123 <i>add</i> Asset scommissioned <i>less</i> Asset disposals <i>add</i> Tax payments <i>less</i> Other regulated income Mid-year net cash outflows 8,776 Term credit spread differential allowance - Image: Closing RAV 54,422 <i>less</i> Adjustment resulting from asset allocation 0 <i>less</i> Losing additioned tax - <i>ROI - comparable to a vanilla WACC</i> 6,961 Leverage (%) Cost of debt assumption (%) 6,961 Corporate tax rate (%) 6,961						
2 Total opening RAB value $54,680$ <i>plus</i> Opening deferred tax $(2,024)$ Opening RIV $52,656$ Line charge revenue $12,888$ 8 Expenses cash outflow $6,123$ 9 add Assets commissioned $2,193$ 0 less Asset disposals 226 add Tax payments 635 635 less Other regulated income 6444 Mid-year net cash outflows 6.723 $8,776$ 7 Term credit spread differential allowance $-$ 7 Total closing RAB value $54,427$ 9 less Adjustment resulting from asset allocation 0 9 less Lost and found assets adjustment $-$ 9 less Lost and found assets adjustment $(2,27)$ 10 Closing deferred tax $(2,27)$ $52,151$ 8 Leverage (%) $52,656$ 444 6 Corporate tax rate (%) 28 28	2(ii): Information S	Supporting the ROI			(\$000)	
a plus Opening deferred tax (2,024) Opening RIV 52,655 Line charge revenue 12,888 e Expenses cash outflow 6,123 add Asset isposals 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 Losing deferred tax (2,275) S Coing RIV 52,151	1					
Opening RV 52,655 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 144 Mid-year net cash outflows 6,776 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 RAP - closing RIV 52,151 ROI - comparable to a vanilla WACC 6.90 Leverage (%) 44 Cost of debt assumption (%) 28 Coprorate tax rate (%) 28	2 Total opening	RAB value		54,680		
5 Line charge revenue 12,888 6 Expenses cash outflow 6,123 7 add Assets commissioned 9 add Asset disposals 26 1 add Tax payments 635 1 add Tax payments 635 1 less Other regulated income 149 Mid-year net cash outflows 8,776 - 7 Total closing RAB value 54,427 1 Intersection 0 1 Intersectio	3 plus Opening defe	rred tax		(2,024)		
6 Line charge revenue 12,888 7 Expenses cash outflow 6,123 9 add Assets commissioned 2,193 1 add Tax payments 6335 2 less Other regulated income 149 8 Mid-year net cash outflows 8,776 7 Term credit spread differential allowance - 7 Total closing RAB value 54,427 8 less Adjustment resulting from asset allocation 0 9 less Adjustment resulting from asset allocation 0 9 less Losing deferred tax (2,275) 10 closing RIV 52,151 8 Leverage (%) 444 6 Cost of debt assumption (%) 52,265 7 Leverage (%) 28	4 Opening RIV			L	52,656	
Expenses cash outflow 6,123 0 dd Assets commissioned 1 less Assets commissioned 0 dd Tax payments 1 less Other regulated income 1 less Adjustment resulting from asset allocation 1 less Lost and found assets adjustment 1 less Leverage (%) 1 leverage (%) Everage (%) 2 leverage (%) 28 2 leverage (%) 28 2 leverage (%) 28	5			_		
8 Expenses cash outflow 6,123 9 add Assets commissioned 2,193 1 cb 2,193 2 cb 2,193 1 cb 2,193 2 cb 2,193 2 cb 2,193 2 cb 635 2 less Other regulated income 3 Mid-year net cash outflows 8,776 4 Term credit spread differential allowance - 6 Total closing RAB value 54,427 7 Intermediate spread differential allowance - 6 Total closing deferred tax 0 9 less Losi and found assets adjustment - 9 less Losing deferred tax - 1 Closing RIV 52,151	6 Line charge revenue			L	12,888	
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 - closing RIV 52,151 52,151	7					
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 Iess Adjustment resulting from asset allocation 0 less Losing deferred tax - less Losing deferred tax (2,275) Losing RIV 52,151 52,151 ROI - comparable to a vanilla WACC 6.96 Leverage (%) 44 Cost of debt assumption (%) 5.26 Corporate tax rate (%) 28						
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 RIV 52,151						
2 less Other regulated income 149 3 Mid-year net cash outflows 8,776 4 5 6 5 Term credit spread differential allowance - 6 Total closing RAB value 54,427 8 Koll - comparable to a vanilla WACC 0 9 Leverage (%) 6 6 Cost of debt assumption (%) 5.26 7 Leverage (%) 44 6 Corporate tax rate (%) 28						
3 Mid-year net cash outflows 8,776 4 5 1 5 Total closing RAB value 54,427 6 6 0 7 Total closing RAB value 0 8 less Adjustment resulting from asset allocation 0 9 less Lost and found assets adjustment - 0 less Lost and found assets adjustment - 0 plus Closing deferred tax (2,275) 1 Closing RIV 52,151						
4 - 5 Term credit spread differential allowance - 6 - 7 Total closing RAB value 0 8 less Adjustment resulting from asset allocation 0 9 less Lost and found assets adjustment - 0 plus Closing deferred tax (2,275) 1 Closing RIV 52,151	-			149	0.770	
5 Term credit spread differential allowance - 6 - 7 Total closing RAB value 54,427 8 Jess Adjustment resulting from asset allocation 0 9 Jess Lost and found assets adjustment - 0 plus Closing deferred tax (2,275) 1 Closing RIV 52,151		5		L	8,776	
6 Total closing RAB value 54,427 7 Total closing RAB value 0 8 less Adjustment resulting from asset allocation 0 9 less Lost and found assets adjustment - 0 plus Closing deferred tax (2,275) 1 Closing RIV 52,151 2 S Leverage (%) 6.96' 6 Leverage (%) 44' 6 Cost of debt assumption (%) 5.26' 7 Corporate tax rate (%) 28'		ntial allowance			_	
7 Total closing RAB value 54,427 8 less Adjustment resulting from asset allocation 0 9 less Lost and found assets adjustment 0 plus Closing deferred tax (2,275) 1 Closing RIV 52,151				L		
8 less Adjustment resulting from asset allocation 0 9 less Lost and found assets adjustment - 0 plus Closing deferred tax (2,275) 1 Closing RIV 52,151 2 52,151 3 ROI - comparable to a vanilla WACC 6.96' 4 - 5 Leverage (%) 44' 6 Cost of debt assumption (%) 5.26' 7 Corporate tax rate (%) 28'		2AB value		E4 427		
9 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'						
Image: Closing RIV 52,151 Image: Signal Control Cont						
ROI - comparable to a vanilla WACC 6.96 Leverage (%) 44 Cost of debt assumption (%) 5.26 Corporate tax rate (%) 28	-			(_/_/ 3/	52.151	
3 ROI - comparable to a vanilla WACC 6.96 4	2				- 1,101	
4 5 Leverage (%) 44 6 Cost of debt assumption (%) 5.26 7 Corporate tax rate (%) 28		to a vanilla WACC			Г	6.96%
5 Leverage (%) 44 6 Cost of debt assumption (%) 5.26 7 Corporate tax rate (%) 28 8	4					
6 Cost of debt assumption (%) 5.26' 7 Corporate tax rate (%) 28' 8					Г	44%
7 Corporate tax rate (%) 28		issumption (%)				5.26%
8						28%
9 ROI – comparable to a post tax WACC 6.31					_	
	8					

				Company Name	(Centralines Limit			
				For Year Ended		31 March 2016			
SC	CHEDULE 2: REPORT ON RETURN	ON INVESTME	NT						
	s schedule requires information on the Return on In								
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).									
	as must provide explanatory comment on their ROI								
	s information is part of audited disclosure informati	ion (as defined in section	1.4 of the ID determination	on), and so is subject to	o the assurance re	eport required by sect	ion 2.8.		
sch re 61	f 2(iii): Information Supporting the	e Monthly ROI							
62	()	· · · · ·							
63	Opening RIV						N/A		
64 65									
65		Line charge	Expenses cash	Assets	Asset	Other regulated	Monthly net cash		
66		revenue	outflow	commissioned	disposals	income	outflows		
67 68	April May						-		
69	June								
70	July						-		
71	August						-		
72	September						-		
73	October						-		
74 75	November December					+	-		
76	January								
77	February						-		
78	March						-		
79	Total	-	-	-	-	-	-		
80 81	Tax payments						N/A		
82	lax payments						N/A		
83	Term credit spread differential allow	wance					N/A		
84									
85	Closing RIV						N/A		
86 87									
88	Monthly ROI – comparable to a vanilla	WACC					N/A		
89	<i>,</i>						· · ·		
90	Monthly ROI – comparable to a post ta	ax WACC					N/A		
91 02	2(iv): Year-End ROI Rates for Cor	nnarison Burnoso	-						
92 93	Z(W). Teal-Ellu KOI Kates IOI COI		5						
94	Year-end ROI – comparable to a vanilla	a WACC					5.54%		
95									
96 07	Year-end ROI – comparable to a post t	ax WACC					4.89%		
97 98	* these year-end ROI values are compa	rable to the ROI reported	in nre 2012 disclosures h	v EDBs and do not ren	resent the Comm	ission's current view o	n ROI		
99	these year-end nor values are compa	ruble to the norreported		y LDDs and do not rep	resent the comm	ssion's current view o			
100	2(v): Financial Incentives and Wa	ash-Ups							
101									
102 103	Net recoverable costs allowed under Purchased assets – avoided transmis		ntive scheme			-			
103	Energy efficiency and demand incent								
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-qualit	y path costs							
113	Catastrophic event allowance								
114 115	Capex wash-up adjustment Transmission asset wash-up adjustm	ient							
116	2013–2015 NPV wash-up allowance					231			
117	Reconsideration event allowance								
118	Other wash-ups								
119 120	Wash-up costs						628		
120	Impact of wash-up costs on ROI						0.89%		

		Company Name	Centralines Limited
		For Year Ended	31 March 2016
СН	EDULE	E 3: REPORT ON REGULATORY PROFIT	
neir re	egulatory	quires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete a profit in Schedule 14 (Mandatory Explanatory Notes). is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the as	
ref	Tormation		sourance report required by section 2.6.
Ľ	3(i): Re	gulatory Profit	(\$000)
		ncome	(1)
		Line charge revenue	12,88
	plus	Gains / (losses) on asset disposals	12,00
	plus	Other regulated income (other than gains / (losses) on asset disposals)	1
	pius		
	-	Fotal regulatory income	13,03
	1	Expenses	
	less	Operational expenditure	3,26
	less	Pass-through and recoverable costs excluding financial incentives and wash-ups	2,86
	(Operating surplus / (deficit)	6,91
	less	Total depreciation	2,74
	plus	Total revaluations	32
		Regulatory profit / (loss) before tax	4,49
	less	Term credit spread differential allowance	
	less	Regulatory tax allowance	88
		Regulatory profit/(loss) including financial incentives and wash-ups	3,60
		יבקטומנטי א אי טויל נוסטן וווכועשווא ווומורומ וווכרונואבט מוע שמצוו-אָשָ	3,50
	3(ii): P	ass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
		Pass through costs	
		Rates	47
		Commerce Act levies	21
		Industry levies	20
		CPP specified pass through costs	
		Recoverable costs excluding financial incentives and wash-ups	
		Electricity lines service charge payable to Transpower	2,773
		Transpower new investment contract charges	
		System operator services	
		Distributed generation allowance	
		Extended reserves allowance	
		Other recoverable costs excluding financial incentives and wash-ups	
		Pass-through and recoverable costs excluding financial incentives and wash-ups	2,86

	Company Name	entralines Limit	ed
	For Year Ended	31 March 2016	5
G	CHEDULE 3: REPORT ON REGULATORY PROFIT		
-	is schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all section	s and provide expla	natory comment on
	eir regulatory profit in Schedule 14 (Mandatory Explanatory Notes).		hatory comment on
Tł	his 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 se	ection 2.8.
sch r	ef		
48	3(iii): Incremental Rolling Incentive Scheme	(\$1	000)
49		CY-1	CY
50		31 Mar 15	31 Mar 16
51	Allowed controllable opex		
52	Actual controllable opex		
53			
54	Incremental change in year		
55			
		B	Previous years
		Previous years' incremental	incremental change adjusted
56		change	for inflation
57	CY-5 31 Mar 11	Ŭ	
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			
	Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including rea	quired disclosures in	accordance with
68	section 2.7, in Schedule 14 (Mandatory Explanatory Notes)		
69	3(v): Other Disclosures		
70			(\$000)
71	Self-insurance allowance		

EDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (R hedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this nust provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Note ed by section 2.8.	disclosure year. This informs the ROI calculation in Schedu	ıle 2.	ompany Name	3	ntralines Limiter 31 March 2016 is subject to the assur	
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 10 (\$000)
Total opening RAB value		51,745	52,970	54,464	55,054	54
less Total depreciation		2,325	2,483	2,562	2,694	2
plus Total revaluations		812	455	834	46	
plus Assets commissioned		2,738	3,522	2,320	2,274	2
less Asset disposals				2		
plus Lost and found assets adjustment						
plus Adjustment resulting from asset allocation		I				
Total closing RAB value		52,970	54,464	55,054	54,680	54
4(ii): Unallocated Regulatory Asset Base Total opening RAB value			Unallocate (\$000)	ed RAB * (\$000) 54,680	RAB (\$000)	(\$000)
Total opening RAB value less Total depreciation				(\$000)		(\$000) 54
Total opening RAB value less Total depreciation plus Total revaluations				(\$000) 54,680		(\$000) 54
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier		F		(\$000) 54,680 2,741		(\$000) 54
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned		Ē	(\$000)	(\$000) 54,680 2,741	(\$000)	(\$000) 54
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party		Ē	(\$000)	(\$000) 54,680 2,741 321	(\$000)	(\$000) 54 2 2
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less Asset disposals (other than below) Asset disposals to a regulated supplier Asset disposals to a regulated supplier Asset disposals to a related party Asset disposals plus Lost and found assets adjustment			(\$000)	(\$000) 54,680 2,741 321 2,193	(\$000)	(\$000) 54 2 2
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less Asset disposals (other than below) Asset disposals to a regulated supplier Asset disposals to a related party Asset disposals to a related party Asset disposals		Ē	(\$000)	(\$000) 54,680 2,741 321 2,193	(\$000)	

		Company Name	Centralines Limited
		For Year Ended	31 March 2016
so	CHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)		
	s 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.		
	B 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 determin	ation), and so is subject to the assurance report
req	uired by section 2.8.		
sch rej	f		
51			
51			
52	4(iii): Calculation of Revaluation Rate and Revaluation of Assets		
53			
54	CPI ₄		1,200
55	CPI4 ⁴		1,193
56	Revaluation rate (%)		0.59%
57			
58		Unallocated RA	
59	Table Service 200 veloc		
60 61	Total opening RAB value less Opening value of fully depreciated, disposed and lost assets	54,680	54,680
62	ress Opening value of fully depreciated, disposed and lost assets		
63	Total opening RAB value subject to revaluation	54,641	54,641
64	Total revaluations		321 321
65			
66	4(iv): Roll Forward of Works Under Construction		
		Unallocated works	under
67		construction	Allocated works under construction
68	Works under construction—preceding disclosure year		93 93
69	plus Capital expenditure	2,189	2,189
70	less Assets commissioned	2,193	2,193
71	plus Adjustment resulting from asset allocation		
72	Works under construction - current disclosure year		89 89
73	High set rate of emitalized finance applied		
74	Highest rate of capitalised finance applied		
75			

								Company Name	Ce	ntralines Limite	he
										31 March 2016	-u
								For Year Ended		51 Warch 2010	
T	CHEDULE 4: REPORT ON VALUE OF THE RE his schedule requires information on the calculation of the Regulatory DBs must provide explanatory comment on the value of their RAB in s equired by section 2.8.	Asset Base (RAB) va	alue to the end of th	• is disclosure year. Tl	his informs the ROI (tion 1.4 of the ID de	termination), and so	is subject to the assi	urance report
sch r	ef										
_	Aluly Degulatery Degradiation										
76								Unallocat	od DAD *	RA	D
78								(\$000)	(\$000)	(\$000)	(\$000)
79								2,741	(\$000)	2,741	(\$000)
80								, i i i i i i i i i i i i i i i i i i i		, i	
81	Depreciation - modified life assets										
82	P Depreciation - alternative depreciation in accordan	ce with CPP									
83									2,741		2,741
84											
85	4(vi): Disclosure of Changes to Depreciation	Profiles						(6000		-:(:	
85	4(vi): Disclosure of changes to Depreciation	Promes						(\$0001	Inless otherwise spe	cified)	
										Closing RAB value	
									Depreciation		Closing RAB value
									charge for the	standard'	under 'standard'
86					Rease	on for non-standard	depreciation (text e	entry)	period (RAB)	depreciation	depreciation
87											
88											
89											
90 91											
91											
93											
94											
95	* include additional rows if needed										
96											
97	7					(\$000 unless oth	erwise specified)				
		Subtransmission	Subtransmission		Distribution and	Distribution and	Distribution substations and	Distribution	Other network	Non-network	
98		lines	cables	Zone substations	LV lines	LV cables	transformers	switchgear	assets	assets	Total
99		2,276	374	7,220	25,842	4,781	6,911	3,377	1,335	2,564	54,680
100		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		204		230	755	240	355	227	1	181	2,193
103										26	26
104											-
105											-
106 107		2,383	367	7,218	25,712	4,925	6,907	3,312	1,220	2,383	- 54,427
107	, and the second s	2,383	367	7,218	25,/12	4,925	0,907	3,312	1,220	2,383	54,427
108											
103		28.5	42.0	31.6	33.8	40.3	19.8	22.8	19.7	17.7	(years)
111	· · · ·	60.0	55.0	42.0	60.0	55.0	45.0	40.0	26.0	21.0	(years)

		Compar	ny Name	Centralines L	imited
		For Yea	nr Ended	31 March 2	2016
SC	HEDULE !	5a: REPORT ON REGULATORY TAX ALLOWANCE			
		ires information on the calculation of the regulatory tax allowance. This information is used to o	-		ule 3 (regulatory
	-	provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 part of audited disclosure information (as defined in section 1.4 of the ID determination), and s			wired by section
no		part of addited disclosure information (as defined in section 1.4 of the D determination), and s	o is subject to the	assurance report rec	uned by section
ch ref					
7	5a(i): Re	egulatory Tax Allowance			(\$000)
8	F	Regulatory profit / (loss) before tax			4,493
9					
10	plus	Income not included in regulatory profit / (loss) before tax but taxable			*
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible		1	*
12		Amortisation of initial differences in asset values Amortisation of revaluations		1,255 130	
13 14		Amortisation of revaluations		130	1,386
14				l de la companya de l	1,380
16	less	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 22					2,714
23	F	Regulatory taxable income			3,165
24					
25	less	Utilised tax losses			
26		Regulatory net taxable income			3,165
27 28		Corporate tax rate (%)		28%	
28 29	F	Regulatory tax allowance		2070	886
30				I	
31	* Work	ings to be provided in Schedule 14			
32	5a(ii): D	isclosure of Permanent Differences			
33		In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked of	ategories in Schee	dule 5a(i).	
34	5a(iii): A	Amortisation of Initial Difference in Asset Values			(\$000)
35					
36		Opening unamortised initial differences in asset values		18,818	
37	less	Amortisation of initial differences in asset values		1,255	
38	plus	Adjustment for unamortised initial differences in assets acquired			
39	less	Adjustment for unamortised initial differences in assets disposed			
40 41		Closing unamortised initial differences in asset values			17,563
41		Opening weighted average remaining useful life of relevant assets (years)			15

		Company Name	Centralines Li	mited
		Company Name For Year Ended	31 March 2	
60		5a: REPORT ON REGULATORY TAX ALLOWANCE	ST WATCH 2	010
This pro This	schedule req fit). EDBs mus information i	DA: REPORT ON REGULATORY TAX ALLOWAINCE uires information on the calculation of the regulatory tax allowance. This information is used to calculate regu t provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory I s part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to	Explanatory Notes).	
sch re		Amountination of Developtions		(\$000)
44 45	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	L	130
51	- / \ .			(4000)
52	5a(v): I	Reconciliation of Tax Losses		(\$000)
53				
54 55	plus	Opening tax losses Current period tax losses		
55 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		The offers of a diversity descent in the	704	
62 63	plus	Tax effect of adjusted depreciation	731	
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				
70 71	plus	Deferred tax balance relating to assets acquired in the disclosure year		
72	less	Deferred tax balance relating to assets disposed in the disclosure year	0	
73	1000			
74	plus	Deferred tax cost allocation adjustment	(0)	
75				
76		Closing deferred tax	L	(2,275)
77	F _(Dislower of Terror Difference		
78	5a(vii):	Disclosure of Temporary Differences In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Sch	edule 5a(vi) (Tax effect of	other temporary
79		differences).		Since temporary
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 97	less	Regulatory tax asset value of asset disposals	26	
87 88	plus plus	Lost and found assets adjustment 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	Ce	ntralines Limited
		For Year Ended		31 March 2016
IEDULE 5b: REPORT ON RELATED	PARTY TRANSA			
chedule provides information on the valuation of relation			mination.	
nformation is part of audited disclosure information (a				section 2.8.
5b(i): Summary—Related Party Trans	sactions	(\$000)	
Total regulatory income		(2000	<u> </u>	
Operational expenditure			2,103	
Capital expenditure			268	
Market value of asset disposals				
Other related party transactions				
			<u> </u>	
5b(ii): Entities Involved in Related Pa	rty Transactions			
Name of related party		R	elated party relations	nip
Unison Networks Ltd		Centralines Limited has a management contract op		•
* include additional rows if needed 5b(iii): Related Party Transactions				
* include additional rows if needed 5b(iii): Related Party Transactions			Value of	
5b(iii): Related Party Transactions	Related party transaction type	Description of transaction	transaction	Basis for determining value
	Related party transaction type Capex	Description of transaction Construction of network assets		Basis for determining value ID clause 2.3.6(1)(a)
5b(iii): Related Party Transactions	transaction type		transaction (\$000) 268	
5b(iii): Related Party Transactions	transaction type Capex Opex	Construction of network assets	transaction (\$000) 268	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a)
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one] [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one] [Select one]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one] [Select one] [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one] [Select one] [Select one]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one] [Select one] [Select one] [Select one] [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one] [Select one] [Select one] [Select one]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one] [Select one] [Select one] [Select one] [Select one]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one] [Select one] [Select one] [Select one] [Select one] [Select one]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one] [Select one] [Select one] [Select one] [Select one] [Select one] [Select one] [Select one]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) 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]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) 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]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one] [Select one] [Select one] [Select one] [Select one] [Select one] [Select one] [Select one]
5b(iii): Related Party Transactions Name of related party Unison Networks Ltd	transaction type Capex Opex [Select one] [Select one]	Construction of network assets Purchase of materials,management and contractin	transaction (\$000) 268 Ng	ID clause 2.3.6(1)(a) ID clause 2.3.6(1)(a) [Select one] [Select one]

							Company Name	Ce	entralines Limite	ed
							For Year Ended		31 March 2016	
	CHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFEREN		VANCE							
	is schedule is only to be completed if, as at the date of the most recently published financial sta			al tenor of the debt r	ortfolio (both qualifvir	ng debt and non-qua	lifving debt) is greate	er than five vears.		
	is information is part of audited disclosure information (as defined in section 1.4 of the ID dete						, , , , ,	·		
sch	ef									
50										
ł	5c(i): Qualifying Debt (may be Commission only)									
4										
							Book value at date		Cost of executing	
				Original tenor (in		Book value at	of financial	Term Credit	an interest rate	Debt issue cost
10	Issuing party	Issue date	Pricing date	years)	Coupon rate (%)	issue date (NZD)	statements (NZD)	Spread Difference	swap	readjustment
1.										
13										
14										
1										
10	* include additional rows if needed						-	-	-	-
18	5c(ii): Attribution of Term Credit Spread Differential									
19										
20	Gross term credit spread differential			-						
2				1						
22	Total book value of interest bearing debt									
23	Leverage Average opening and closing RAB values		44%	-						
2	Attribution Rate (%)			_						
20										
2	Term credit spread differential allowance			-						

		Co	ompany Name	C	entralines Limi	ted
		F	or Year Ended		31 March 201	5
sc	HEDULE 5d: REPORT ON COST ALLOCATIONS		L			
	schedule provides information on the allocation of operational costs. EDBs must provide explanatory comm	pent on their cost allocation in Schedule 14 (Mandator	w Explanatory Note	s) including on the i	mnact of any reclas	sifications
	information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and			s, menualing on the l	inpact of any rectas	sincations.
h ref						
7	5d(i): Operating Cost Allocations					
8			Value alloca	tod (\$000c)		
0			Electricity	Non-electricity		
		Arm's length	distribution	distribution		OVABAA allocation
9		deduction	services	services	Total	increase (\$000s)
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	F	3,195			
35 36	Operating costs of directly attributable		3,195	21	88	
30 37	Operational expenditure		3,262	21	88	
	operational experiature		5,202			

				r			
				Company Name	C	Centralines Limite	d
				For Year Ended		31 March 2016	
	CHEDULE 5d: REPORT ON COST ALLOCATIO						
	is schedule provides information on the allocation of operational costs is information is part of audited disclosure information (as defined in s				es), including on the	impact of any reclassif	ications.
sch re							
schile							
39	5d(ii): Other Cost Allocations						
40	Pass through and recoverable costs			(\$000)			
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			
49							
50	5d(iii): Changes in Cost Allocations* †						
51					(\$	000)	
52	Change in cost allocation 1				CY-1	Current Year (CY)	
53	Cost category			Original allocation			
54	Original allocator or line items			New allocation			
55	New allocator or line items			Difference	-	-	
56							
57	Rationale for change						
58							
59							
60						000)	
61	Change in cost allocation 2		п		CY-1	Current Year (CY)	
62 63	Cost category Original allocator or line items		-	Original allocation New allocation			
64	New allocator or line items	· · · · · · · · · · · · · · · · · · ·		Difference			
65			J				
66	Rationale for change						
67							
68							
69					(\$	000)	
70	Change in cost allocation 3		-	r	CY-1	Current Year (CY)	
71	Cost category			Original allocation			
72	Original allocator or line items		-	New allocation			
73	New allocator or line items			Difference	-	-	
74	Define als far the						
75 76	Rationale for change						
76 77							
78	* a change in cost allocation must be completed for each cost allo	ocator change that has occurred in the disclos	ure year. A movement in an allocator metri	c is not a change in all	ocator or componen	t	
78 79	 tinclude additional rows if needed 	itator enange that has occurred in the disclos	are year. A movement in an anotator metri	e is not a change ill allo	cator or component		

		Company Name	Centralines Limited
		For Year Ended	31 March 2016
	CHEDULE 5e: REPORT ON ASSET ALLOCA		
ED	Bs must provide explanatory comment on their cost allocation i	. This information supports the calculation of the RAB value in Schedule 4. Schedule 14 (Mandatory Explanatory Notes), including on the impact of any	changes in asset allocations. This information is part of audited
dis	closure information (as defined in section 1.4 of the ID determin	ation), and so is subject to the assurance report required by section 2.8.	
sch re	f		
7	5e(i): Regulated Service Asset Values		
			Value allocated
8			(\$000s)
9			Electricity distribution services
10	Subtransmission lines		
11 12	Directly attributable Not directly attributable		2,383
13	Total attributable to regulated service		2,383
14	Subtransmission cables		
15 16	Directly attributable Not directly attributable		367
17	Total attributable to regulated service		367
18	Zone substations		
19 20	Directly attributable Not directly attributable		7,218
21	Total attributable to regulated service		7,218
22	Distribution and LV lines		25 712
23 24	Directly attributable Not directly attributable		25,712
25	Total attributable to regulated service		25,712
26 27	Distribution and LV cables Directly attributable		4,925
27	Not directly attributable		4,923
29	Total attributable to regulated service		4,925
30 31	Distribution substations and transformers Directly attributable		6,907
32	Not directly attributable		
33	Total attributable to regulated service		6,907
34 35	Distribution switchgear Directly attributable		3,312
36	Not directly attributable		
37	Total attributable to regulated service		3,312
38 39	Other network assets Directly attributable		1,220
40	Not directly attributable		
41	Total attributable to regulated service		1,220
42 43	Non-network assets Directly attributable		2,383
44	Not directly attributable		
45 46	Total attributable to regulated service		2,383
47	Regulated service asset value directly attributable		54,427
48 49	Regulated service asset value not directly attributa Total closing RAB value	le	
50			54,427
51	5e(ii): Changes in Asset Allocations* †		
52	Set and the set of the		(\$000)
53	Change in asset value allocation 1		CY-1 Current Year (CY)
54 55	Asset category Original allocator or line items		Original allocation New allocation
56	New allocator or line items		Difference – –
57 58	Rationale for change		
59			
60 61			(\$000)
62	Change in asset value allocation 2		CY-1 Current Year (CY)
63 64	Asset category Original allocator or line items		Original allocation New allocation
65	New allocator or line items		Difference – –
66	Detionals for shares		
67 68	Rationale for change		
69			
70 71	Change in asset value allocation 3		(\$000) CY-1 Current Year (CY)
72	Asset category		Original allocation
73 74	Original allocator or line items New allocator or line items		New allocation Difference – –
74 75	New anotator of fille items		
76 77	Rationale for change		
77 78			
79		ocator or component change that has occurred in the disclosure year. A m	ovement in an allocator metric is not a change in allocator or compone
80	† include additional rows if needed		

		Company Name	Centralines Li	
-		For Year Ended	31 March 2	016
L	HEDULE	6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR		
clı B:	uding assets tl s must provide	uires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of whi nat are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and mus e explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). ; part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assure the tothe assure the section 1.4 of the ID determination.	t exclude finance costs.	
ref		nonditure en Assets	(\$000)	(\$000)
3		penditure on Assets	(3000)	(3000)
		onsumer connection ystem growth		3
,		sset replacement and renewal		9
		sset relocations		1
?	R	eliability, safety and environment:		
3		Quality of supply	439	
		Legislative and regulatory	-	
		Other reliability, safety and environment	_	
		otal reliability, safety and environment		4
		enditure on network assets		2,2
	E	xpenditure on non-network assets		1
	Exc	enditure on assets		2,4
		ost of financing		,
		alue of capital contributions		2
	plus V	alue of vested assets		
	Cap	ital expenditure		2,1
	6alii): S	ubcomponents of Expenditure on Assets (where known)		(\$000)
	0a(ii). 5	Energy efficiency and demand side management, reduction of energy losses		(\$555)
		Overhead to underground conversion		
		Research and development		
				-
	6a(iii): C	Consumer Connection		
		Consumer types defined by EDB*	(\$000)	(\$000)
		Residential	173	-
		Commercial	122	-
:		Irrigators Customer Damage	87	
		[EDB consumer type]		
		* include additional rows if needed		J
	с	onsumer connection expenditure		
				4
	,			4
	less	Capital contributions funding consumer connection expenditure	280	
		Capital contributions funding consumer connection expenditure onsumer connection less capital contributions	280	
	c		280	Asset
	c	onsumer connection less capital contributions	System Growth	Asset Replacement a Renewal
	c	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal	System Growth (\$000)	Asset Replacement a Renewal (\$000)
	c	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission	System Growth	Asset Replacement a Renewal (\$000)
	c	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations	System Growth (\$000) 25	Asset Replacement a Renewal (\$000)
•	c	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines	System Growth (\$000) 25 262	Asset Replacement a Renewal (\$000)
•	c	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables	System Growth (\$000) 25	Asset Replacement a Renewal (\$000)
	c	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers	System Growth (\$000) 25 262 34	Asset Replacement a Renewal (\$000)
	c	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables	System Growth (\$000) 25 262 34 45	Asset Replacement a Renewal (\$000)
	c 6a(iv): S	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear	System Growth (\$000) 25 262 34 45	Asset Replacement a Renewal (\$000)
	c 6a(iv): S	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets	System Growth (\$000) 25 262 262 34 45 4 4 370	Asset Replacement a Renewal (\$000)
	c 6a(iv): S s less	subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure	System Growth (\$000) 25 262 34 45 4	Asset Replacement a Renewal (\$000)
	c 6a(iv): S s less	subtransmission Zone substations Distribution and LV lines Distribution and LV lines Distribution substations and transformers Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal	System Growth (\$000) 25 262 262 34 45 4 4 370	Asset Replacement Renewal (\$000)
	c 6a(iv): S _{less} s	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal ystem growth and asset replacement and renewal less capital contributions	System Growth (\$000) 25 262 262 34 45 4 4 370	Asset Replacement a Renewal (\$000)
	c 6a(iv): S _{less} s	sset Relocations	System Growth (\$000) 25 262 34 45 4 370 370	Asset Replacement a Renewal (\$000)
	c 6a(iv): S _{less} s	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal ystem growth and asset replacement and renewal less capital contributions	System Growth (\$000) 25 262 262 34 45 4 4 370	Asset Replacement a Renewal (\$000)
	c 6a(iv): S _{less} s	subtransmission Zone substations Ustransmission Distribution and LV lines Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets Ustem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal ustem growth and asset replacement and renewal less capital contributions Seset Relocations Project or programme*	System Growth (\$000) 25 262 34 45 4 370 370 (\$000)	Asset Replacement a Renewal (\$000) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	c 6a(iv): S _{less} s	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV lines Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal ystem growth and asset replacement and renewal less capital contributions sest Relocations Project or programme* Rearrange HV and LV lines	System Growth (\$000) 25 262 34 45 4 370 370 (\$000) 23	Asset Replacement a Renewal (\$000) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	c 6a(iv): S _{less} s	onsumer connection less capital contributions ystem Growth and Asset Replacement and Renewal Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal ystem growth and asset replacement and renewal less capital contributions Seset Relocations Project or programme* Rearrange HV and LV lines Replace problematic pedestal with a TUD	System Growth (\$000) 25 262 34 45 4 370 370 370 (\$000) 23 6	Asset Replacement a Renewal (\$000)
	c 6a(iv): S _{less} s	Answer connection less capital contributions	System Growth (\$000) 25 262 34 45 4 370 370 370 (\$000) (\$000) 23 6 6 6 4	Asset Replacement a Renewal (\$000)
	c 6a(iv): S _{less} s	subtransmission Subtransmission Zone substations Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution substations and transformers Distribution substations and transformers Capital contributions funding system growth and asset replacement and renewal system growth and asset replacement and renewal less capital contributions Set Relocations Project or programme* Rearrange HV and LV lines Replace problematic pedestal with a TUD Reposition section of 11kv away from shelterbelt Install new cables to reach newly installed Chorus poles Replace 2 pole transformer structure with ground mounted transformer	System Growth (\$000) 25 262 34 45 4 370 370 370 (\$000) 23 6 6	Asset Replacement a Renewal (\$000)
	c 6a(iv): S _{less} s	subtransmission Subtransmission Zone substations Distribution and LV lines Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal ystem growth and asset replacement and renewal less capital contributions Seet Relocations Project or programme* Reprarenge HV and LV lines Replace problematic pedestal with a TUD Reposition section of 11kv away from shelterbelt Install new cables to reach newly installed Chorus poles Replace 2 pole transformer structure with ground mounted transformer * include additional rows if needed	System Growth (\$000) 25 262 34 45 4 370 370 370 (\$000) (\$000) 23 6 6 6 4	Asset Replacement a Renewal (\$000) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	c 6a(iv): S ^{Jess} s 6a(v): A	subtransmission Subtransmission Zone substations Distribution and LV lines Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal ystem growth and asset replacement and renewal less capital contributions Seet Relocations Project or programme* Rearrange HV and LV lines Replace problematic pedestal with a TUD Reposition section of 11kv away from shelterbelt Install new cables to reach newly installed Chorus poles Replace 2 pole transformer structure with ground mounted transformer * include additional rows if needed All other projects or programmes - asset relocations	System Growth (\$000) 25 262 34 45 4 370 370 370 (\$000) (\$000) 23 6 6 6 4	Replacement a Renewal (\$000)
	c 6a(iv): S ^{Jess} s 6a(v): A	subtransmission Subtransmission Zone substations Distribution and LV lines Distribution and LV lines Distribution and LV cables Distribution substations and transformers Distribution substations and transformers Distribution switchgear Other network assets ystem growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal ystem growth and asset replacement and renewal less capital contributions Seet Relocations Project or programme* Reprarenge HV and LV lines Replace problematic pedestal with a TUD Reposition section of 11kv away from shelterbelt Install new cables to reach newly installed Chorus poles Replace 2 pole transformer structure with ground mounted transformer * include additional rows if needed	System Growth (\$000) 25 262 34 45 4 370 370 370 (\$000) (\$000) 23 6 6 6 4	Asset Replacement a Renewal (\$000) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

			Company Name	Centralines Lin	nited
			For Year Ended	31 March 20	
sc		a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCL			
This	s schedule require	es a breakdown of capital expenditure on assets incurred in the disclosure year, includir	ng any assets in respect		are received, but
		are vested assets. Information on expenditure on assets must be provided on an acco xplanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes		nd must exclude finance costs.	
		art of audited disclosure information (as defined in section 1.4 of the ID determination)		e assurance report required by	section 2.8.
	_				
sch ref	f				
68					
69	6a(vi): Qu	ality of Supply			
70		Project or programme*		(\$000)	(\$000)
71	F	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		nstall 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	
75		Connect RTU onto Fibre network and install a port server at Waipawa Sub		112	
75		Connect RTU onto Fibre network and install a port server at Waipukurau Sub		118	
77		All other projects programmes - quality of supply			
78		lity of supply expenditure			439
79		Capital contributions funding quality of supply			
80	Qua	lity of supply less capital contributions			439
	6 - 1 - 1	cistation and Decodeter			
81		gislative and Regulatory		(6000)	(*****
82 83	Г	Project or programme*		(\$000)	(\$000)
83 84		Description of material project or programme] Description of material project or programme]			
85		Description of material project or programme]			
86		Description of material project or programme]			
87		Description of material project or programme]			
88	-	* include additional rows if needed			
89		All other projects or programmes - legislative and regulatory			
90	Leg	slative and regulatory expenditure			-
91		Capital contributions funding legislative and regulatory			
92	Leg	slative and regulatory less capital contributions			-
93	6a(viii): O	ther Reliability, Safety and Environment			
94		Project or programme*		(\$000)	(\$000)
95	ſ			(+)	(*****)
96					
97					
98					
99	L				
100		* include additional rows if needed			
101		All other projects or programmes - other reliability, safety and environment			
102 103		er reliability, safety and environment expenditure			
103		Capital contributions funding other reliability, safety and environment er reliability, safety and environment less capital contributions			_
104	- Cu	er rendsniky, surety und environment iess capital contributions			
106	6a(ix): No	n-Network Assets			
107	Rout	ine expenditure			
108		Project or programme*		(\$000)	(\$000)
109		Buildings		2	
110		Office Equipment		3	
111	F	Notor Vehicles		144	
112 113		Plant & Equipment Description of material project or programme]		32	
113	-	* include additional rows if needed			
114		All other projects or programmes - routine expenditure			
116		tine expenditure			181
117 118		ical expenditure Project or programme*		(\$000)	(\$000)
118		Description of material project or programme]		(2000)	(5000)
119		Description of material project of programme]			
120		Description of material project or programme]			
122		Description of material project or programme)			
123		Description of material project or programme]			
124	-	* include additional rows if needed			
125		All other projects or programmes - atypical expenditure			
126	Aty	pical expenditure			-
127					
128	Exp	enditure on non-network assets			181

	Company Name	Centraline	s Limited
	For Year Ended	31 Marc	h 2016
S	CHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR		
Th EI e>	his schedule requires a breakdown of operational expenditure incurred in the disclosure year. DBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanator openditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insura his information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance repor	ance.	
sch	ref		
7	6b(i): Operational Expenditure	(\$000)	(\$000)
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	L	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 For Year Ended

Centralines Limited 31 March 2016

Tor rear Endea

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

		Tanat (\$200) 1	A sture ((\$200)	0/
	7 7(i): Revenue	Target (\$000) ¹	Actual (\$000)	% variance
à	3 Line charge revenue		12,888	-
4	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	300	404	35%
1	1 System growth	430	370	(14%)
1	2 Asset replacement and renewal	1,600	972	(39%)
13	3 Asset relocations	120	103	(14%)
14	4 Reliability, safety and environment:			
1		440	439	(0%)
10			-	_
1			-	-
18		440	439	(0%)
1		2,890	2,288	(21%)
20		210	181	(14%)
2	t Expenditure on assets	3,100	2,469	(20%)
2	7(iii): Operational Expenditure			
2	Service interruptions and emergencies	278	271	(3%)
24		567	483	(15%)
2		199	107	(46%)
20		407	452	11%
2	7 Network opex	1,451	1,313	(10%)
28	System operations and network support	383	243	(37%)
2	Business support	1,810	1,706	(6%)
30	Non-network opex	2,193	1,949	(11%)
3	Operational expenditure	3,644	3,262	(10%)
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
3			_	_
34			_	_
3			_	_
30				
3	7 (v): Subcomponents of Operational Expenditure (where known	1)		
38			_	
3				
3: 4(
40			92	
4			52	
4				beginning of the
44	4 disclosure year (the second to last disclosure of Schedules 11a and 11b)			

																			ompany Name For Year Ended Network Name		ntralines Lim 31 March 20 Centralines
111 F 8-	REPORT ON BULLE	OUANTITIES AND U	NE CHARGE REVENUES	c																	
					Information is also required	on the number of ICPs that are included in each consumer group or price categor	v code, and the energ	v delivered to these	ICPs.												
. Billor	Quantities by Price	Component																			
. Diffet	Quantities by Flice (component																			
							Billed quantities by	price component													
						Price component	24UC	AICO	CTRL	стир	TAIC	NITE	UNMT	DMND	KVAR	SOPD	WOPD	Fixed	DGEN	DGNS	DGNU
					Energy delivered to ICPs	Unit charging basis (eg, days, kW of demand,	kWb	kWh	kWb	kWb	kWh	kWh	kWb	Demand	kVar	Demand	Demand	Daily	kWb	kWh	kWh
Co	insumer group name or price		Standard or non-standard	Average no. of ICPs in	in disclosure year	kVA of capacity, etc.)	KWII	KW11	KW0	KW11	AVV1	AWH .	AWH .	Demand	K var	Demand	Demand	Dality	AWU .	KWII	Ale of the second secon
	category code	residential, commercial etc.)																			
		residential, commercial etc.)	consumer group (specify)	disclosure year	(MWh)																
6	·····	· · · · · · · · · · · · · · · · · · ·					2.040.007	7 05 7 710	503.033	200.120		122.422						220.071		24.074	20.52
СН	1	Residential	Standard	disclosure year	12,757		3,948,897	7,862,710	503,412	309,130	6 918 564	132,432		14.405	382	13.440		930,071 365	812	34,654	29,52
	1	Residential					3,948,897	7,862,710	503,412	309,130	6,918,564 21,663,289	132,432		14,405 47,696	382 16,172	13,440 46,539			812	34,654	29,52
СН	1	Residential Industrial	Standard Standard		12,757 6,919		3,948,897	7,862,710	503,412	309,130 992,792		132,432 435,808						366	812	34,654	29,521
CH CH	1 11 12 2H 21	Residential Industrial Industrial	Standard Standard Standard	2,574 1 1	12,757 6,919 21,663													366 366	812	34,654	29,521
01 01 01 01	2 H 21 21 21	Residential Industrial Commercial Commercial Commercial	Standard Standard Standard Standard Standard Standard Standard	2,574 1 1 540 74 1,603	12,757 6,919 21,663 10,269 6,338 2,691		7,614,493 2,417,377 2,322,686	1,108,705	117,432 20,197 40,825	992,792 2,613,367 66,456		435,808 1,286,727 25,333						366 366 195,753 26,641 515,826	812		
0 0 0 0 0 0	1 11 12 2H 2I 2I 22 28	Residential Industrial Industrial Commercial Commercial Commercial Residential	Standard Standard Standard Standard Standard Standard Standard Standard	2,574 1 540 74 1,603 3,424	12,757 6,919 21,663 10,269 6,338 2,691 26,715		7,614,493 2,417,377 2,322,686 11,041,161	1,108,705	117,432 20,197 40,825 1,161,872	992,792 2,613,367 66,456 715,384	21,663,289	435,808 1,286,727 25,333 314,236		47,695	16,172	46,539		366 366 195,753 26,641 515,826 1,226,482	812	34,654 29,415	29,524
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 11 12 24 21 21 22 22 21 23 3	Residential Industrial Commercial Commercial Commercial Residential Commercial	Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard	2,574 1 1 540 74 1,603	12,757 6,919 21,663 10,269 6,338 2,691 26,715 5,362		7,614,493 2,417,377 2,322,686 11,041,161 3,571,141	1,108,705	117,432 20,197 40,825	992,792 2,613,367 66,456 715,384 942,882	21,663,289 406,266	435,808 1,286,727 25,333 314,236 407,977		47,696	16,172	46,539		366 366 195,753 26,641 515,826 1,226,482 22,576	812	29,415	
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 11 12 24 21 21 22 22 21 23 3	Residential Industrial Industrial Commercial Commercial Commercial Commercial Commercial	Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard	2,574 1 540 74 1,603 3,424	12,757 6,919 21,663 10,269 6,338 2,691 26,715 5,362 5,362 5,900		7,614,493 2,417,377 2,322,686 11,041,161 3,571,141 2,504,575	1,108,705	117,432 20,197 40,825 1,161,872	992,792 2,613,367 66,456 715,384	21,663,289 406,266 1,820,474	435,808 1,286,727 25,333 314,236		47,696 47,696 1,494 5,051	16,172 420 868	46,539 1,439 4,890		366 366 195,753 26,641 515,826 1,226,482 22,576 9,210	812		
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 1 11 12 24 24 22 28 3 3 4 5	Residential Industrial Commercial Commercial Commercial Residential Commercial	Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard	2,574 1 540 74 1,603 3,424	12,757 6,919 21,663 10,269 6,338 2,691 26,715 5,362		7,614,493 2,417,377 2,322,686 11,041,161 3,571,141	1,108,705	117,432 20,197 40,825 1,161,872	992,792 2,613,367 66,456 715,384 942,882	21,663,289 406,266	435,808 1,286,727 25,333 314,236 407,977		47,696	16,172	46,539		366 366 195,753 26,641 515,826 1,226,482 22,576	812	29,415	
3 3 3 3 3 3 3 3	1 1 11 12 24 24 22 28 3 3 4 5	Residential Industrial Industrial Commercial Commercial Residential Commercial Commercial Commercial Commercial	Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard	2,574 1 540 74 1,603 3,424	12,757 6,919 21,663 10,269 6,338 2,691 26,715 5,362 5,900 5,056		7,614,493 2,417,377 2,322,686 11,041,161 3,571,141 2,504,575	1,108,705	117,432 20,197 40,825 1,161,872	992,792 2,613,367 66,456 715,384 942,882	406,266 1,820,474 5,012,172 1,286,456	435,808 1,286,727 25,333 314,236 407,977		47,696 1,494 5,051 17,015	16,172 16,172 420 868 2,338	46,539 46,539 1,439 4,890 16,443	1836	366 366 195,753 26,641 515,826 1,226,482 22,576 9,210 3,294	812	29,415	
3 3 3 3 3 3 3 3	1 1 11 12 24 24 22 28 3 3 4 5	Residential Industrial Industrial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial	Standard Shandard Shandard Shandard Shandard Shandard Shandard Shandard Shandard Shandard Shandard Shandard	2,574 1 540 74 1,603 3,424	12,757 6,519 21,663 10,269 6,338 2,691 26,715 5,562 5,500 5,556 1,286		7,614,493 2,417,377 2,322,686 11,041,161 3,571,141 2,504,575	1,108,705	117,432 20,197 40,825 1,161,872	992,792 2,613,367 66,456 715,384 942,882	21,663,289 406,266 1,820,474 5,012,172	435,808 1,286,727 25,333 314,236 407,977		47,696 1,494 5,051 17,015 3,821	16,172 420 868 2,338 730	46,539 46,539 1,439 4,890 16,443	1,834	366 366 195,753 26,641 515,826 1,226,482 22,576 9,210 3,294 732	812	29,415	
3 3 3 3 3 3 3 3 3	1 1 11 12 24 24 22 28 3 3 4 5	Residential Industrial Industrial Commercial Commercial Commercial Commercial Commercial Commercial Commercial	Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard Sandard	2,574 1 540 74 1,603 3,424	12,757 6,519 21,663 10,269 6,338 2,691 26,715 5,562 5,500 5,556 1,286		7,614,493 2,417,377 2,322,686 11,041,161 3,571,141 2,504,575 44,088	1,108,705	117,432 20,197 40,825 1,161,872	992,792 2,613,367 66,456 715,384 942,882	406,266 1,820,474 5,012,172 1,286,456	435,808 1,286,727 25,333 314,236 407,977	308,646	47,696 1,494 5,051 17,015 3,821	16,172 420 868 2,338 730	46,539 46,539 1,439 4,890 16,443	1,834	366 366 195,753 26,641 515,826 1,226,482 22,576 9,210 3,294 732 366	812	29,415	
3 3 3 3 3 3 3 3 3	1 11 12 22 24 27 27 27 27 27 27 27 27 27 27	Residential Industrial Valuatrial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial	Bandari Bandari Standari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari	2,574 1 540 74 1,603 3,424 64 25 9 2 2 1 1	12,757 6,519 22,663 10,269 6,338 2,691 26,715 5,362 5,960 5,056 1,286 660 3		7,614,493 2,417,377 2,322,686 11,041,161 3,571,141 2,504,575 44,088	1,108,705	117,432 20,197 40,825 1,161,872	992,792 2,613,367 66,456 715,384 942,882	406,266 1,820,474 5,012,172 1,286,456	435,808 1,286,727 25,333 314,236 407,977	308,646 430,355	47,696 1,494 5,051 17,015 3,821	16,172 420 868 2,338 730	46,539 46,539 1,439 4,890 16,443	1,834	366 366 195,753 26,641 515,826 1,226,482 22,576 9,210 3,294 732 366	812	29,415	
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 11 12 27 27 27 28 3 4 5 5 5 5 6 8 8 9 1 2 2	Residential Productal Modural Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial	Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari	2 574 1 1 560 74 1,60 1,60 1,60 1,60 25 9 2 1 1 1 1 1 1 1 1 1 1 1 1 1	12,757 6,319 21,663 6,388 2,691 26,715 5,580 5,580 5,580 5,580 5,580 1,286 660 0 1,086 1,086 1,086 1,086 1,086 1,086 1,086 1,086 1,086 1,087 1,097 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,097 1,0		7,614,493 2,417,377 2,222,686 11,041,166 11,041,161 3,571,141 2,504,575 44,088 3,105	1,108,705 235,699 13,482,345	117,432 20,197 40,825 1,161,872 33,640	992,792 2,613,367 66,456 715,384 942,882 1,146,110	406,266 1,820,474 5,012,172 1,288,456 659,779	435,808 1,286,727 25,333 314,236 407,977 428,598	430,335	47,696 1,494 5,051 17,015 3,821 1,862	16,172 420 868 2,338 730 165	1,439 46,539 1,439 4,890 16,443 3,744		366 366 195,753 26,641 515,826 1,226,482 22,576 9,210 3,294 732 366 519 329,112		29,415	44,57
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 11 12 27 27 27 28 3 4 5 5 5 5 6 8 8 9 1 2 2	Residential yndustrial Undustrial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial	Sanderi Sander	2,574 1 540 74 1,601 3,224 64 25 9 2 2 1 1 1 1 1	12,757 6,910 21,661 10,260 6,338 2,6715 5,800 5,006 1,276 6,000 5,006 1,276 6,000 1,276 1,000 4,000 4,000 106,358		7,614,493 2,417,377 2,322,686 11,041,161 3,571,141 2,504,575 44,088	1,108,705 235,699 13,482,345 23,689,460	117,432 20,197 40,825 1,161,872 33,640 1,877,378	992,792 2,613,367 66,456 715,384 942,882 1,146,110 6,786,120	406,266 1,820,474 5,012,172 1,286,456	435,808 1,286,727 25,333 314,236 407,977 428,598 3,031,111	430,335	47,696 1,494 5,051 17,015 3,821 1,862 91,345	16,172 420 868 2,338 730	1,439 4,830 16,443 3,744 8,6,494	1,834	366 366 195,753 26,641 515,826 1,226,482 22,576 9,210 3,294 732 366 519	812	29,415 1,400 65,469	44.57 74,10
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 11 12 27 27 27 28 3 4 5 5 5 5 6 8 8 9 1 2 2	Residential yndustrial Undustrial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial Commercial	Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari Sandari	2 574 1 1 560 74 1,60 1,60 1,60 1,60 25 9 2 1 1 1 1 1 1 1 1 1 1 1 1 1	12,757 6,319 21,663 6,388 2,691 26,715 5,580 5,580 5,580 5,580 5,580 1,286 660 0 1,086 1,086 1,086 1,086 1,086 1,086 1,086 1,086 1,086 1,087 1,097 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,087 1,097 1,0		7,614,493 2,417,377 2,222,686 11,041,166 11,041,161 3,571,141 2,504,575 44,088 3,105	1,108,705 235,699 13,482,345	117,432 20,197 40,825 1,161,872 33,640	992,792 2,613,367 66,456 715,384 942,882 1,146,110	406,266 1,820,474 5,012,172 1,288,456 659,779	435,808 1,286,727 25,333 314,236 407,977 428,598	430,335	47,696 1,494 5,051 17,015 3,821 1,862	16,172 420 868 2,338 730 165	1,439 46,539 1,439 4,890 16,443 3,744		366 366 195,753 26,641 515,826 9,210 3,254 732 366 519 329,112 329,112		29,415	44,57

JLE	8: REPORT ON BILLED QUANTITI	S AND LINE CHARGE REVEN	UES																	For Year Ended Network Name	-	31 March 20 Centraline
	quires the billed quantities and associated line charge r			s. Information is also required	d on the number of ICPs that are in	cluded in each consum	ner group or price category	code, and the energ	delivered to these	e ICPs.												
): Lir	ine Charge Revenues (\$000) by Price C	omponent																				
							2	Line charge revenue:	(\$000) by price o	omponent							,		,			-1
							Price component	24UC	AICO	CTRL	стир	TAIC	NITE	UNMT	DMND	KVAR	SOPD	WOPD	Fixed	DGEN	DGNS	DGNU
	Consumer group name or price Consumer type (category code residential, com		Total line charge revenue In disclosure year	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge R revenue (if available)	Rate (eg, \$ per day, \$ per kWh, etc.)	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Demand	kVar	Demand	Demand	Daily	kWh	kWh	kWh
1	CH1 Residential	Standard	\$2,089		\$2.089		Г	\$679	\$1.142	\$53	\$70	-	\$6		-	-	-	-	\$140	-		1 -
	CH11 Industrial	Standard	\$228		\$228			-	-	-	-	-	-	_	\$58	\$3	\$134	_	\$33	-	-	-
	CH12 Industrial	Standard	\$963		\$963			-	-	-	-	-	-	-	\$193	\$125	\$463	-	\$181	-	-	-
	CH2H Commercial	Standard	\$1,437		\$1.437				\$109	ć0.	\$154	-	\$13	-	-	_	-		\$254	-	-	-
								\$899														
	CH21 Commercial	Standard	\$762		\$762			\$899 \$266	- 5104	\$2	\$154 \$379	-	\$36	-	-	-	-	_	\$80	-	-	-
	CH2I Commercial CH2L Commercial	Standard Standard	\$762 \$1,053					\$266 \$246	- \$20	\$2	\$379 \$9	-	\$36 \$1	-	-	-		-	\$80 \$774	-	-	-
	CH2L Commercial CH2R Residential	Standard Standard	\$762 \$1,053 \$4,356		\$762 \$1,053 \$4,356		-	\$266 \$246 \$1,258	-	\$2 \$54	\$379 \$9 \$107	-	\$1 \$9		-		-	-	\$80 \$774 \$1,754		-	-
	CH2L Commercial CH2R Residential CH3 Commercial	Standard Standard Standard	\$762 \$1,053 \$4,356 \$701		\$762 \$1,053 \$4,356 \$701			\$266 \$246 \$1,258 \$378	- \$20	\$2	\$379 \$9 \$107 \$137	-	\$1	-	- - \$9	\$3	- - - \$14		\$80 \$774 \$1,754 \$146	-	-	
	CH2L Commercial CH2R Residential CH3 Commercial CH4 Commercial	Standard Standard Standard Standard	\$762 \$1,053 \$4,356 \$701 \$617		\$762 \$1,053 \$4,356 \$701 \$617		-	\$266 \$246 \$1,258 \$378 \$144	- \$20 \$1,173 -	\$2 \$54	\$379 \$9 \$107 \$137 \$87		\$1 \$9 \$11 \$6		- - \$9 \$29	\$3 \$7	- - - \$14 \$49	-	\$80 \$774 \$1,754 \$146 \$295	-	-	
	CH2L Commercial CH2R Residential CH3 Commercial CH4 Commercial CH5 Commercial	Standard Standard Standard Standard Standard	\$762 \$1,053 \$4,356 \$701 \$617 \$409		\$762 \$1,053 \$4,356 \$701 \$617 \$409		- - - - - - - - - - - - - - - - - - -	\$266 \$246 \$1,258 \$378 \$144 \$2	- \$20 \$1,173 - -	\$2 \$54	\$379 \$9 \$107 \$137 \$87 -	-	\$1 \$9 \$11 \$6 -		- - \$9 \$29 \$69	\$3	- - \$14 \$49 \$164		\$80 \$774 \$1,754 \$146 \$295 \$156		-	
	CH2L Commercial CH2R Residential CH3 Commercial CH4 Commercial CH5 Commercial CH5 Commercial CH6 Commercial	Standard Standard Standard Standard Standard Standard Standard	\$762 \$1,053 \$4,356 \$701 \$617 \$409 \$104		\$762 \$1,053 \$4,356 \$701 \$617 \$409 \$104		-	\$266 \$246 \$1,258 \$378 \$144 \$2 -	- \$20 \$1,173 - - -	\$2 \$54	\$379 \$9 \$107 \$137 \$87 - -	-	\$1 \$9 \$11 \$6 - -	-	- \$9 \$29 \$69 \$15	\$3 \$7 \$18 \$6	- - \$14 \$49 \$164 \$37		\$80 \$774 \$1,754 \$146 \$295 \$156 \$46			
	DH2L Commercial CH2R Residential CH3 Commercial CH4 Commercial CH5 Commercial CH5 Commercial CH5 Commercial	Standard Standard Standard Standard Standard Standard Standard Standard	\$762 \$1,053 \$4,356 \$701 \$617 \$409		\$762 \$1,053 \$4,356 \$701 \$617 \$409 \$104 \$104 \$56		-	\$266 \$246 \$1,258 \$378 \$144 \$2	- \$20 \$1,173 - - - - -	\$2 \$54	\$379 \$9 \$107 \$137 \$87 - - -	-	\$1 \$9 \$11 \$6 - -		- 59 \$29 \$69 \$15 \$8	\$3 \$7	- - \$14 \$49 \$164	- - - - - - - - - - - - - -	\$80 \$774 \$1,754 \$146 \$295 \$156 \$46 \$29	-	-	
	CH2L Commercial CH2R Residential CH3 Commercial CH4 Commercial CH5 Commercial CH5 Commercial CH6 Commercial	Standard Standard Standard Standard Standard Standard Standard Standard	\$762 \$1,053 \$4,356 \$701 \$617 \$409 \$104		\$762 \$1,053 \$4,356 \$701 \$617 \$409 \$104 \$506 \$104 \$51		-	\$266 \$246 \$1,258 \$378 \$144 \$2 -	- \$20 \$1,173 - - -	\$2 \$54	\$379 \$9 \$107 \$137 \$87 - -	-	\$1 \$9 \$11 \$6 - -	-	- \$9 \$29 \$69 \$15	\$3 \$7 \$18 \$6	- - \$14 \$49 \$164 \$37		\$80 \$774 \$1,754 \$146 \$295 \$156 \$46			
	001. Commercial 0101. Residential 0101. Connectal 014. Connectal 015. Connectal 016. Connectal 016. Connectal 016. Connectal 017. Connectal 018. Connectal 010. Connectal	Standard Standard Standard Standard Standard Standard Standard Standard Standard	\$762 \$1,053 \$4,356 \$701 \$617 \$409 \$104 \$104 \$104 \$104 \$104 \$104 \$104 \$104		\$762 \$1,053 \$4,356 \$701 \$617 \$600 \$104 \$56 \$11 \$10 \$10 \$10 \$10 \$11 \$556 \$11 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10			\$266 \$246 \$1,258 \$378 \$144 \$2 - - \$0	- 520 \$1,173 - - - - - -	\$2 \$54 \$2 - - - -	\$379 \$9 \$107 \$137 \$87 - - - -		\$1 \$9 \$11 \$6 - -	- - - - - - - - - - - -	- \$9 \$29 \$69 \$15 \$8 -	\$3 \$7 \$18 \$6 \$1 -	- - \$14 \$49 \$164 \$37 -	- - - - \$18 -	\$80 \$774 \$1,754 \$146 \$295 \$156 \$46 \$29 \$1 -			
	0-02. Commercial CH28 Residential CH3 Commercial CH4 Commercial CH4 Commercial CH5 Commercial CH5 Commercial CH6 Commercial TJP Commercial U01. Commercial U02. Commercial	Standard Standard Sandard Sandard Sandard Sandard Sandard Standard Standard Standard	\$762 \$1,053 \$4,356 \$701 \$617 \$409 \$104 \$566 \$104 \$566 \$10		\$762 \$1,053 \$4,356 \$701 \$617 \$409 \$104 \$506 \$104 \$51			\$266 \$246 \$1,258 \$378 \$144 \$2 - - \$0	- 520 \$1,173 - - - - - -	\$2 \$54 \$2 - - - -	\$379 \$9 \$107 \$137 \$87 - - - -		\$1 \$9 \$11 \$6 - -		- \$9 \$29 \$69 \$15 \$8 -	\$3 \$7 \$18 \$6 \$1 -	- - \$14 \$49 \$164 \$37 -	- - - - \$18 -	\$80 \$774 \$1,754 \$146 \$295 \$156 \$46 \$29 \$129 \$1			
	001. Commercial 0101. Residential 0101. Connectal 014. Connectal 015. Connectal 016. Connectal 016. Connectal 016. Connectal 017. Connectal 018. Connectal 010. Connectal	Standard Standard Sandard Sandard Sandard Sandard Sandard Standard Standard Standard	5762 \$1,053 \$4,356 \$701 \$617 \$409 \$104 \$556 \$11 \$40 \$540 \$572		\$762 \$1,053 \$4,356 \$701 \$617 \$600 \$104 \$56 \$11 \$10 \$10 \$10 \$10 \$11 \$556 \$11 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10			\$266 \$246 \$1,258 \$378 \$144 \$2 - - \$0	- 520 \$1,173 - - - - - -	\$2 \$54 \$2 - - - -	\$379 \$9 \$107 \$137 \$87 - - - -		\$1 \$9 \$11 \$6 - -	- - - - - - - - - - - -	- \$9 \$29 \$69 \$15 \$8 -	\$3 \$7 \$18 \$6 \$1 -	- - \$14 \$49 \$164 \$37 -	- - - - \$18 -	\$80 \$774 \$1,754 \$146 \$295 \$156 \$46 \$29 \$1 -			
	0-02. Commercial CH28 Residential CH3 Commercial CH4 Commercial CH4 Commercial CH5 Commercial CH5 Commercial CH6 Commercial TJP Commercial U01. Commercial U02. Commercial	Standard standard	5762 51,053 54,356 5701 5617 5607 5104 556 511 540 540 540 540 540 540 540 540		\$762 \$1,053 \$4,856 \$701 \$409 \$104 \$506 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10			\$266 \$246 \$1,258 \$378 \$144 \$2 - - - - \$0 - -	- \$20 \$1,173 - - - - - - - - - - - -	52 52 554 - - - - - - - - -	\$379 \$9 \$107 \$137 - - - - - - - - - - -		\$1 \$9 \$11 \$6 - - - - - - -	- - - - - - - - - - - - - - - - - - -	- \$9 \$29 \$69 \$15 \$8 - - -	\$3 \$7 \$18 \$6 \$1 - - - -	- - - - - - - - - - - - -	- - - \$18 - - - - -	\$80 \$774 \$145 \$295 \$156 \$46 \$29 \$1 - - \$16			

	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.

					Items at start of	Items at end of		Data accuracy
8	Voltage	Asset category	Asset class	Units	year (quantity)	year (quantity)	Net change	(1-4)
9	All	Overhead Line	Concrete poles / steel structure	No.	17,454	17,543	89	2
10	All	Overhead Line	Wood poles	No.	319	216	(103)	2
11	All	Overhead Line	Other pole types	No.	-	-	-	2
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	94	94	0	3
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	2	2	(0)	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	3	3	-	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-	N/A
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	14	13	(1)	3
29	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	N/A
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	11	11	-	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	27	27	-	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	2	2	-	3
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	7	7	-	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,386	1,394	8	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
37	HV	Distribution Line	SWER conductor	km	-	-	-	N/A
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	28	28	0	3
39	HV	Distribution Cable	Distribution UG PILC	km	1	2	1	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	72	73	1	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.			-	N/A
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	3,187	3,192	5	3
44	HV HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	7	7	-	2
45	HV HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	2,114	16 2,120	-	3
46 47	HV HV	Distribution Transformer Distribution Transformer	Pole Mounted Transformer Ground Mounted Transformer	No. No.	2,114	2,120	6	3
47 48	HV HV	Distribution Transformer		NO. NO.	160	165	5	4
48 49	HV HV	Distribution Transformer	Voltage regulators Ground Mounted Substation Housing	NO. NO.	5	5	- 4	4
49 50	LV	LV Line	LV OH Conductor	km	284	284	4	3
50 51	LV	LV Cable	LV UG Cable	кт km	98	98	(0)	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	62	63	(0)	3
52	LV	Connections	OH/UG consumer service connections	No.	8.107	8.162	55	3
55 54	All	Protection	Protection relays (electromechanical, solid state and numeric)	NO.	56	57	1	2
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	1	3
56	All	Capacitor Banks	Capacitors including controls	No	2	2	-	4
57	All	Load Control	Centralised plant	Lot	1	2		4
58	All	Load Control	Relays	No	5	6	- 1	1
58 59	All	Civils	Cable Tunnels	km	-	-	1	N/A
53	All	CIVIIS	cable runnels	NII		-		19/15

sch ref

																									Compa	ny Name		Cent	ralines Lim	nited
																									For Ye	ar Ended		31	March 201	16
																							N	letwork / Su	ub-netwo	ork Name				
SCH	DULE 9b: ASSET AGE PRO	511 F																								L				
		E (based on year of installation) of the assets that make up the network, by asset of	atogon, an	id accot class	All units s	olating to ca	blo and line	accete the	* 270 00070	rod in km	refer to size	uit longthr																		
THIS SCI	dule requires a summary of the age profil	e (based on year of installation) of the assets that make up the network, by asset to	ategory and	id asset class	s. All units r	elating to ca	ble and line	assets, the	t are expre	sseu in km,	reier to circ	uit iengtris.																		
ch ref			_																											
8	Disclosure Year (year ended)	31 March 2016									Numbe	r of assets at	disclosure	year end	by installatio	n date														
																											1			No. with
0 V/	tage Asset category	Asset class	Units	pre-1940	1940 -1949	1950 1959	1960 1969	1970 1979	1980 1989	1990 1999	2000	2001	2002	2003	2004	2005 2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		age unknown (default Data accuracy dates (1–4)
10 AI		Concrete poles / steel structure	No	pre 1540	2.062		2.393	1 598	3.427	2,177		139	115	113	3		50 81			416	247	121	130		08		L L	diminio with (17.543	2
10 AI		Wood poles	NO.		2,002	3,371	2,393	1,358	53	13			1	115		1 -		2	-	410	- 247	-				-			216	2
12 AI		Other pole types	No.	_	_	-	-	_	_	-	_	_	_		_		_	-	_	_	-	_	_	-	-	-		7	-	2
13 HV		Subtransmission OH up to 66kV conductor	km	-	_	-	-	_	_	_	-	_	-	-	-		-	-	1	_	-	-	-	-	-	-		93	94	3
14 HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km																						· · · · ·				-	N/A
15 HV		Subtransmission UG up to 66kV (XLPE)	km	-	-	-	-	_	-	-	-	-	-	0	0		-	-	1	-	-	0	-	-	- 1	-		- /	2	3
16 HV		Subtransmission UG up to 66kV (Oil pressurised)	km																1				1						-	N/A
17 H	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km																									· · · · · · · · · · · · · · · · · · ·	-	N/A
18 HV		Subtransmission UG up to 66kV (PILC)	km																						· · · · ·				-	N/A
19 HV		Subtransmission UG 110kV+ (XLPE)	km																										-	N/A
20 H		Subtransmission UG 110kV+ (Oil pressurised)	km																										-	N/A
21 HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																										-	N/A
22 HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km																										-	N/A
23 H	Subtransmission Cable	Subtransmission submarine cable	km																										-	N/A
24 HV	Zone substation Buildings	Zone substations up to 66kV	No.	-	-	-	1	-	2	-	-	-	-	-	-		-	-	-	-	-	-	-	-		-			3	4
25 HV	Zone substation Buildings	Zone substations 110kV+	No.																						ı'				-	N/A
26 H\	Zone substation switchgear	50/66/110kV CB (Indoor)	No.																						I				-	N/A
27 H\	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.																						I				-	N/A
28 HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.																						·'		/ L		-	N/A
29 HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	5		-	-	4	3	-	1	-	-		-	L		13	3
30 HV		33kV RMU	No.																						·'				-	N/A
31 HV		22/33kV CB (Indoor)	No.																						·'				-	N/A
32 HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-		-	2	-	4	-	2	3	-		-			11	3
33 H\		3.3/6.6/11/22kV CB (ground mounted)	No.	-	-	-	-	18	-	-	-	-	-	-	-		-	-	9	-	-	-	-	-	<u> </u>	-			27	3
34 HV		3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	1	-	-	-	-		1			2	3
35 HV		Zone Substation Transformers	No.	-	-	-	-	2	-	1	-	-	-	-	-		1	. 1	-	2	-	-	-	-		-			7	4
36 H\		Distribution OH Open Wire Conductor	km	-	-	-	2	4	9	8	2	0	2	0	3	2	2 €	i 25	15	26	22	7	7	4	10	0	- L	1,234	1,394	3
37 H		Distribution OH Aerial Cable Conductor	km																					+	·'					N/A
38 H\		SWER conductor	km																					+	'		-			N/A
39 H\		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	-	11	28	3
40 H		Distribution UG PILC	km	-	-		-	-	-	1		-	-		-		-	-	0	0	0	-	-		'	-	-	1	2	3 N/A
41 HV		Distribution Submarine Cable	km																					+	<u> </u>		-			1411
42 H\ 43 H\		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	-		73	3 N/A
		3.3/6.6/11/22kV CB (Indoor)	No. No.			· -	15	88	85	424		165	124	185	305	175 2	14 151	186	108	206	235	103	108	157	78	22	-		3,192	N/A 3
44 H\ 45 H\		3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1	-	1	15	88	85	424	55	165	124	185	305	1/5 2	14 151	186	108	206	235	103	108	15/	/8	23	-		3,192	3 N/A
45 HV 46 HV		3.3/6.6/11/22kV Switch (ground mounted) - except RMU	NO.	-	-	-	-	-	-	4	-	-	-	-	1			3	2	-	-	-	-			-	-		16	N/A 3
46 HV 47 HV		3.3/6.6/11/22kV RMU Pole Mounted Transformer	NO.	- 2	-	54	368	- 514	424			- 20	- 43	41	1	1 -	29 41	23	- 33	40	21	- 18	- 21	- 22	- 22	- 2	-		2,120	3
47 HV 48 HV		Ground Mounted Transformer	NO.		9	54	368	514	424	270		20	43	41			29 41 11 8			40	21	18	21	22	22		-		2,120	3
48 HV 49 HV		Voltage regulators	NO.		1	-	1	19	4	29	1	4	- 4	- 11		э	-	12	8	10	- 2		- 2	3	4	- 2	-		201	3
49 H		Ground Mounted Substation Housing	NO.			1 -		- 1	-	1	1 -		-				_	1 -	-	_							-		4	4
51 LV	LV Line	LV OH Conductor	km		_	1 -		-	_	-	1		-		-		1 (-	- 1	-	2	-	-	- 0		275	284	3
52 LV		LV UG Cable	km						- 2	-	-	1	-		1	-	4	2		2	2	2	1	0	1 2	0	F	67	98	
53 LV		LV OH/UG Streetlight circuit	km				0	1	1	2	-		-		2	0	1 (0	1		0	0		1	0	F	51	98	3
54 LV		OH/UG consumer service connections	NO	_	-	-	-	_	_	-	1	4	_	3	2	3 7.3	39 140	123	77	84	65	50	149	55	12	· · ·			8,162	2
55 AI		Protection relays (electromechanical, solid state and numeric)	NO.	-	-	-		_	-	-	-	16	-	-	-		-	- 125	20	2	-	6	149	1	-	-	F	0	57	2
56 AI		SCADA and communications equipment operating as a single system	Lot													1	-		20	-		0		+	1		F		1	3
57 AI		Capacitors including controls	No													1			1		2		1		-		-		2	4
58 AI		Centralised plant	Lot		1			1													~ ~				·				1	4
59 AI		Relays	No		1			6																	·				6	1
60 AI		Cable Tunnels	km		1														1				1						- 1	N/A
					•	·		•	•	·	·							·	·	·			·			·				

	Company Name	Ce	entralines Limite	d
	For Year Ended		31 March 2016	
	Network / Sub-network Name			
~~~				
	IEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES			
	chedule requires a summary of the key characteristics of the overhead line and underground cable network. All units re	lating to cable and li	ine assets, that are ex	pressed in km, i
to circ	uit lengths.			
ch ref				
9				
				Total circuit
0	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)	length (km)
11	>66kV			-
12	50kV & 66kV			-
13	33kV	94	2	
14	SWER (all SWER voltages)			
15	22kV (other than SWER)			-
6	6.6kV to 11kV (inclusive—other than SWER)	1,394	30	1,4
17	Low voltage (< 1kV)	284	98	3
18	Total circuit length (for supply)	1,772	130	1,9
19			10	
20	Dedicated street lighting circuit length (km)	44	19	
21 22	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		L	
		Circuit length	(% of total	
3	Overhead circuit length by terrain (at year end)	(km)	overhead length)	
4	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				
22		Circuit length	(% of total circuit	
32	Longth of circuit within 10km of coastling or goathermal areas (where known)	(km) 283	length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)		15%	
		Circuit length	(% of total	
34		(km)	overhead length)	
35	Overhead circuit requiring vegetation management	1,772	100%	

	Company Name	Centralin	nes Limited
	For Year Ended	31 Ma	rch 2016
	E 9d: REPORT ON EMBEDDED NETWORKS equires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another	embedded network.	
ref			
8	Location *	Number of ICPs served	Line charge revenue (\$000)
,			
			-
			+
	end embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded		1

ted 6
6
connections
connections MVA
MVA

		Company Name	Centi
		For Year Ended	31
	Network / Si	ub-network Name	
~~	HEDULE 10: REPORT ON NETWORK RELIABILITY		
This on tl in se	schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault heir network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and cction 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.		
h ref			
8	10(i): Interruptions		
		Number of	
9 0	Interruptions by class	interruptions	7
	Class A (planned interruptions by Transpower)	-	
	Class B (planned interruptions on the network)	126	
	Class C (unplanned interruptions on the network)	63	-
:	Class D (unplanned interruptions by Transpower)	-	
ſ	Class E (unplanned interruptions of EDB owned generation)	-	
	Class F (unplanned interruptions of generation owned by others)	-	
	Class G (unplanned interruptions caused by another disclosing entity)		-
7	Class H (planned interruptions caused by another disclosing entity)	-	-
	Class I (interruptions caused by parties not included above)	3	-
9	Total	192	]
) 1	Interruption restoration	≤3Hrs	>3hrs
		-	
	Class C interruptions restored within	53	10
	SAIFI and SAIDI by class	SAIFI	SAIDI
	Class A (planned interruptions by Transpower)	-	
	Class B (planned interruptions of the network)	0.30	69.20
	Class C (unplanned interruptions on the network)	1.26	38.07
	Class C (unplanned interruptions on the network) Class D (unplanned interruptions by Transpower)	-	
	Class E (unplanned interruptions by Hanspower) Class E (unplanned interruptions of EDB owned generation)		
	Class E (unplanned interruptions of EDB owned generation) Class F (unplanned interruptions of generation owned by others)		
	Class G (unplanned interruptions caused by another disclosing entity)		
Ĩ	Class H (planned interruptions caused by another disclosing entity)		
	Class I (interruptions caused by parties not included above)	0.00	0.07
3 1	Total	1.56	107.3
;		1.00	10/15
6	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	1.56	107.34
8	Quality path normalised reliability limit	SAIFI reliability limit	SAIDI reliability limit
0	SAIFI and SAIDI limits applicable to disclosure year*	4.20	139.35

		Company Name	Centra	lines Limited
		For Year Ended	31 N	Narch 2016
	Network / Sub	b-network Name		
sc	HEDULE 10: REPORT ON NETWORK RELIABILITY			
on th	schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault ra heir network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and S ction 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.			
42 43	10(ii): Class C Interruptions and Duration by Cause			
44	Cause	SAIFI	SAIDI	
45	Lightning	0.02	0.08	
46	Vegetation	0.15	8.76	
47	Adverse weather	0.02	0.61	
48	Adverse environment	-	-	
49	Third party interference	0.05	2.78	
50	Wildlife	0.06	3.63	
51	Human error	0.10	0.34	
52	Defective equipment	0.30	11.18	
53	Cause unknown	0.56	10.69	
54				
55 56	10(iii): Class B Interruptions and Duration by Main Equipment Involved			
57	Main equipment involved	SAIFI	SAIDI	
58	Subtransmission lines	-	-	
59	Subtransmission cables	-	-	
60	Subtransmission other	0.00	0.05	
61	Distribution lines (excluding LV)	-	-	
62	Distribution cables (excluding LV)	-	-	
63	Distribution other (excluding LV)	0.30	69.14	
64 65	10(iv): Class C Interruptions and Duration by Main Equipment Involved			
66	Main equipment involved	SAIFI	SAIDI	
67	Subtransmission lines	-	-	
68	Subtransmission cables	-	_	
69	Subtransmission other	-	-	
70	Distribution lines (excluding LV)	0.51	21.51	
71	Distribution cables (excluding LV)	0.01	1.36	
72	Distribution other (excluding LV)	0.73	15.21	
73	10(v): Fault Rate			
74	Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
75	Subtransmission lines	_	. ,	
76	Subtransmission rables			
77	Subtransmission other	2		
78	Distribution lines (excluding LV)	29		
79	Distribution cables (excluding LV)	1		
80	Distribution cables (excluding LV) Distribution other (excluding LV)	157		
81	Total	189		
		100		

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 differencesEntertainment expenditure – non-deductible1

### 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

## *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).

8

#### 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 armslength 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 nonnetwork 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 groundmounted 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  $N/A \label{eq:N}$ 

Company Name	Centralines Limited
For Year Ended	31 March 2016

### 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

mol

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 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.

Lian Tan

Julian Tan Audit New Zealand On behalf of the Auditor-General Palmerston North, New Zealand 27 July 2016