

EDB Information Disclosure Requirements Information Templates for Schedules 1–10

Company Name
Disclosure Date
Disclosure Year (year ended)

Electra Limited
29 August 2014
31 March 2014

Templates for Schedules 1–10
Template Version 3.0. Prepared 14 April 2014

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Company Name **Electra Limited** 31 March 2014 For Year Ended 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. sch ret 1(i): Expenditure metrics Expenditure per Expenditure per of capacity from EDB-**GWh** energy Expenditure per MW maximum Expenditure per owned distribution delivered to ICPs average no. of coincident system km circuit length transformers (\$/km) 8 (\$/GWh) ICPs (\$/ICP) demand (\$/MW) (\$/MVA) 9 Operational expenditure 25,359 109,581 32,559 243 4,503 10 Network 13,283 57,398 127 2.359 17,054 11 Non-network 12,076 52,183 116 2,144 15,505 12 13 **Expenditure on assets** 179 18,721 80,896 3,324 24,036 14 Network 16,712 21,457 160 72,217 2,968 15 Non-network 8,679 2,008 19 357 2,579 16 17 1(ii): Revenue metrics Revenue per GWh Revenue per energy delivered average no. of 18 to ICPs (\$/GWh) ICPs (\$/ICP) 19 Total consumer line charge revenue 88.233 845 20 Standard consumer line charge revenue 88,233 845 21 Non-standard consumer line charge revenue 22 1(iii): Service intensity measures 23 24 25 Demand density 41 Maximum coincident system demand per km circuit length (for supply) (kW/km) 26 Volume density 178 Total energy delivered to ICPs per km circuit length (for supply) (MWh/km) 27 Connection point density 19 Average number of ICPs per km circuit length (for supply) (ICPs/km) 28 Energy intensity 9,572 Total energy delivered to ICPs per Average number of ICPs (kWh/ICP) 29 30 1(iv): Composition of regulatory income 31 32 (\$000) % of revenue Operational expenditure 33 10,191 28.48% 34 Pass-through and recoverable costs 8,882 24.82% 35 Total depreciation 5,715 15.97% 36 Total revaluation 2,185

1(v)):	Re	lia	bil	ity
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37

38

39

40 41 42

43

Interruption rate

Regulatory tax allowance

Regulatory profit/loss

Total regulatory income

35,781
Interruptions per
100 circuit km

1.128

12,050

9.24

6.11%

3.15%

33.68%

Company Name Electra Limited For Year Ended 31 March 2014 **SCHEDULE 2: REPORT ON RETURN ON INVESTMENT** This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If an EDB makes this election, information supporting this calculation must be provided in 2(iii). EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch ref 2(i): Return on Investment CY-1 Current Year CY CY-2 31 Mar 12 31 Mar 13 31 Mar 14 Post tax WACC 10 ROI—comparable to a post tax WACC 7.10% 8.10% 7.78% 11 12 Mid-point estimate of post tax WACC 6 40% 5,85% 5.43% 13 25th percentile estimate 5.68% 4.71% 5,13% 14 75th percentile estimate 7.11% 6.56% 6.14% 15 16 17 Vanilla WACC 18 ROI-comparable to a vanilla WACC 7.92% 8.88% 8.47% 19 20 Mid-point estimate of vanilla WACC 7.22% 6.62% 6.11% 21 25th percentile estimate 6.51% 5.91% 5,39% 22 75th percentile estimate 7.94% 7.34% 6.83% 23 2(ii): Information Supporting the ROI 24 (\$000) 25 26 Total opening RAB value 143,366 27 Opening deferred tax plus (2,985) 28 Opening RIV 140.381 29 30 Operating surplus / (deficit) 16,707 31 Regulatory tax allowance 1,128 32 Assets commissioned 4,538 33 plus Asset disposals 356 34 Notional net cash flows 11,398 35 36 Total closing RAB value 144,018 37 less Adjustment resulting from asset allocation Lost and found assets adjustment 38 less 39 Closing deferred tax (3,619 40 Closing RIV 140,399 41 42 ROI—comparable to a vanilla WACC 8.47% 43 44 Leverage (%) 44% 45 Cost of debt assumption (%) 5,56% 46 Corporate tax rate (%) 28%

47 48

1

ROI—comparable to a post tax WACC

7-78%

Electra Limited Company Name For Year Ended 31 March 2014 **SCHEDULE 2: REPORT ON RETURN ON INVESTMENT** This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC, EDBs must calculate their ROI based on a monthly basis if required by clause 2,3,3 of the ID Determination or if they elect to, If an EDB makes this election, information supporting this calculation must be provided in 2(iii). EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. 2(iii): Information Supporting the Monthly ROI 57 58 Cash flows (\$000) Total regulatory Assets Notional net cash 59 income Expenses Tax payments ommissioned Asset disposals 60 April 61 May 62 lune 63 July 64 August 65 September 66 October November 68 December 69 January 70 February 71 March 72 Total 73 Adjustment Opening / closing resulting from Lost and found Opening / closing Revenue related RAB asset allocation assets adjustment deferred tax working capital 75 Monthly ROI - opening RIV 143,366 140,381 76 77 Monthly ROI -closing RIV (0) (3,619) 140,399 78 Monthly ROI -closing RIV less term credit spread differential allowance 79 Monthly ROI-comparable to a vanilla WACC 80 81 Monthly ROI-comparable to a post-tax WACC N/A 82

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

Year-end ROI—comparable to a vanilla WACC

Year-end ROI—comparable to a post-tax WACC

83

84 85

86 87

88 89

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

Company Name **Electra Limited** 31 March 2014 For Year Ended **SCHEDULE 3: REPORT ON REGULATORY PROFIT** This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). Non-exempt EDBs must also complete sections 3(ii) and 3(iii). This information is part of audited disclosure information (as defined in section 1,4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch re 3(i): Regulatory Profit (\$000) 8 Income 9 Line charge revenue 35,458 10 Gains / (losses) on asset disposals (256) Other regulated income (other than gains / (losses) on asset disposals) 11 578 12 13 Total regulatory income 35,781 14 Expenses 15 Operational expenditure less 10,191 17 Pass-through and recoverable costs 8,882 18 19 Operating surplus / (deficit) 16,707 20 21 Total depreciation 5,715 22 plus Total revaluation 23 2,185 24 25 Regulatory profit / (loss) before tax & term credit spread differential allowance 13,178 26 27 less Term credit spread differential allowance 28 29 Regulatory profit / (loss) before tax 13.178 30 less Regulatory tax allowance 31 1,128 32 33 Regulatory profit / (loss) 12,050 34 3(ii): Pass-Through and Recoverable Costs 35 (\$000) 36 Pass-through costs 37 Rates 63 Commerce Act levies 38 n/a **Electricity Authority levies** 51 40 Other specified pass-through costs 17 41 Recoverable costs 42 Net recoverable costs allowed under incremental rolling incentive scheme 43 Non-exempt EDB electricity lines service charge payable to Transpower 7,222 44 Transpower new investment contract charges n/a 45 System operator services n/a 46 Avoided transmission charge 1,529 47 Input Methodology claw-back n/a 48 Recoverable customised price-quality path costs n/a 49 Pass-through and recoverable costs 8,882

Company Name **Electra Limited** 31 March 2014 For Year Ended **SCHEDULE 3: REPORT ON REGULATORY PROFIT** This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). Non-exempt EDBs must also complete sections 3(ii) and 3(iii). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch ref 3(iii): Incremental Rolling Incentive Scheme 57 (\$000) 58 CY-1 59 31 March 2014 31 March 2013 60 Allowed controllable opex n/a n/a 61 Actual controllable onex n/a 62 63 64 Incremental change in year n/a Previous years' Previous years' incremental incremental change adjusted 65 for inflation change 66 31 Mar 09 n/a n/a 67 CY-4 31 Mar 10 n/a n/a 68 CY-3 31 Mar 11 n/a n/a 69 CY-2 31 Mar 12 n/a n/a 70 31 Mar 13 n/a 71 Net incremental rolling incentive scheme 72 73 Net recoverable costs allowed under incremental rolling incentive scheme 3(iv): Merger and Acquisition Expenditure 75 Merger and acquisition expenses 76 Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures 77 in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes) 78 3(v): Other Disclosures Self-insurance allowance 79 n/a

			Company Name	# F	Electra Limited	
S E E	SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD) This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.	iule 2. don (as defined in sect	ion 1.4 of the ID dete	rmination), and so is	subject to the assur	rance report
sch rej	4(i): Repulatory Accet Base Value (Rolled Forward)	848	84	24 24	440	d d
60 0		31 Mar 10	31 Mar 11	31 Mar 12	31 Mar 13	31 Mar 14
10	Total opening RAB value	136,991	138,005	137,618	138,119	143,366
112	less Total depreciation	5,329	5,435	5,283	5,245	5,715
Ħ						
14	plus Total revaluations	2,758	3,338	2,162	1,177	2,185
16	plus Assets commissioned	5,803	3,021	3,772	10,316	4,538
18	less Asset disposals	1,115	1,311	151	1,001	356
19	alize Lank and formed accesses afficiences	1407.77				
21		(1,103)		Þ	•	
22	plus Adjustment resulting from asset allocation		*-	*.		(0)
24	Total closing RAB value	138 005	137,618	138.119	143 366	344 018
25						
26	4(ii): Unallocated Regulatory Asset Base		Unallocated	RAB *	RAB	
28	Total manine BAB value		0\$) (000\$)	(\$000)	(000\$)	(8000)
30	less			0000'647	J	143,390
31			Ш	5,715	Ш	5,715
32	snjd		L	2 400	L	4 100
34	plus		_	4,183	J	4,183
35			4,538		4,538	
36	Assets acquired from a regulated supplier Accers armined from a related harby				911	
38	Ä	-		4,538		4,538
39	less	L				
9 5	Asset disposals (other than below) Accept disposals (other than below)		356		356	
42					1	
43	¥	1		356		356
4			L		Ļ	
45	plus Lost and found assets adjustment			4		
47	plus Adjustment resulting from asset allocation				Ц	(0)
8 6	Total checine BAB value		L	144 018	L	144 018
2		4		T- 040	_	200,000
8	The Undividated MAL is the tatal value of mose assets used wholly of partially to provide electricity distribution services without any allowance being made for the allocation of costs to non-regulated services. The MAB value (epresents the value of presents the value includes works under construction.)	me allocation of costs	s to non-regulated se.	vices, the HAB value	e represents the vall	ue of these
20						

20

	Company Name For Year Ended	Electra Limited 31 March 2014
SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD) This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This information in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.	(ROLLED FORWARD) is disclosure year. This informs the ROI calculation in Schedule 2. Its information is part of audited disclosure information (as defined in section 1.4 of the ID determi	ination), and so is subject to the assurance report
scheef		
4(iii): Calculation of Revaluation Rate and Revaluation of Assets		
59 CPl ₂		1 1 20
61 CPI ₄ ⁴		1,174
62 Revaluation rate (%)		1.53%
63		
94	Unallocated RAB *	4B* RAB
	(0005)	(000\$) (000\$) (000\$)
	143,366	143,366
67 less Opening RAB value of fully depreciated, disposed and lost assets	823	823
899		
ř	342,542	2400
		cor's
72 4(iv): Roll Forward of Works Under Construction		
	and have a substantial and in the substantial	
EZ	Construction	Allocated works under construction
74 Works under construction—preceding disclosure year		4,289
75 plus Capital expenditure	7,604	7,604
	4,538	4,538
snid		4
/8 Works under construction - current disclosure year		7,355
Highest rate of conitalized finance annited		

SCHEDULE 4: RE This schedule requires info EDBs must provide explans required by section 2.8.	SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD) This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year, This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.	EGULATORY / ry Asset Base (RAB) vr	ASSET BASE (alue to the end of th	(ROLLED FOR its disclosure year, Theres), This information	(WARD) nis informs the ROLo	alculation in Schedu	lle 2.			is subject to the assu	rance report
					and	lisclosure informatic	on (as defined in sect	ion 1.4 of the ID de	termination), and so		
4(v): Regulato	4(v): Regulatory Depreciation							Unallocat	Unallocated RAB *	RAB	
Depres	Depreciation - standard Depreciation - no standard life assets							5,715	(0005)	5,715	(2006)
Depre Depre Total de	Depredation - induired lite assets Depredation - alternative depredation in accordance with CPP Total depredation	ance with CPP							5,715		5,715
4(vi): Disclosu	4(vi): Disclosure of Changes to Depreciation Profile:	Profiles						1 000\$)	(\$000 unless otherwise specified)	cified)	
						9			Depreciation charge for the	e e	Closing RAB value under 'standard'
Asset	Asset or assets with changes to depreciation*				(tanti	Reason for non-	Reason for non-standard depreciation (text entry)	on (text entry)	period (RAB)	depreciation	depreciation
Ш											
1											
* inclu	include additional rows if needed				- 6						
4(vii): Disclos	4(vii): Disclosure by Asset Category										
						(\$000 unless otherwise specified) Distribution	erwise specified) Distribution				
		Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
Total op	Total opening RAB value	6,377	6,437	27,106	25,811	36,365	21,954	7,164	10,927	1,226	143,366
less Total d	Total depreciation	233	160	1,090	1,133	596	876	435	740	83	5,715
	Total revaluations	86	86	415	396	255	330	106	167	18	2,185
plus Assets	Assets commissioned	202		211	889	137	1,089	314	864	329	4,538
	Asset usposers Lost and found assets adjustment			1.0	*	177	1				
	Adjustment resulting from asset allocation	=======================================		: *		UX I	110		1.5		
plus Asset c	Asset category transfers	80 9	(9)	55.563	(13)	36.058	27 214	DE1.7	115)	1.465	144 018
Accor Life	מווני שלוויני		one's	oroing.	200(07	ocoloc					
Weigh	Weighted average remaining asset life	30-7	41.7	35.0	30.3	42.2	34.1	28.8	17.9	23.4	(years)
Moioh	Mainhtad average expected total accet life	59.7	0.00	96.0		-					,

Company Name **Electra Limited** 31 March 2014 For Year Ended **SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE** This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch rei 5a(i): Regulatory Tax Allowance (\$000) 8 Regulatory profit / (loss) before tax 13,178 10 Income not included in regulatory profit / (loss) before tax but taxable 855 11 Expenditure or loss in regulatory profit / (loss) before tax but not deductible 12 Amortisation of initial differences in asset values 2.733 13 Amortisation of revaluations 510 14 4,101 15 16 Income included in regulatory profit / (loss) before tax but not taxable 2.185 Discretionary discounts and consumer rebates 17 7,628 18 Expenditure or loss deductible but not in regulatory profit / (loss) before tax** 19 Notional deductible interest 3.434 20 13,251 21 Regulatory taxable income 22 4,027 23 24 Utilised tax losses 25 Regulatory net taxable income 4,027 26 27 Corporate tax rate (%) 28% 28 Regulatory tax allowance 1,128 29 * Workings to be provided in Schedule 14 30 31 ** Excluding discretionary discounts and consumer rebates 5a(ii): Disclosure of Permanent Differences 32 33 In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i). 5a(iii): Amortisation of Initial Difference in Asset Values 34 (\$000) 35 36 Opening unamortised initial differences in asset values 87,067 37 Amortisation of initial differences in asset values 2,733 38 Adjustment for unamortised initial differences in assets acquired 39 Adjustment for unamortised initial differences in assets disposed 40 Closing unamortised initial differences in asset values 84,090 41 42 Opening weighted average remaining asset life (years) 32 5a(iv): Amortisation of Revaluations 43 (\$000) 44 45 Opening Sum of RAB values without revaluations 134,911 46 47 Adjusted depreciation 5,205 48 Total depreciation 5 715 49 Amortisation of revaluations 510

		Company Name	Electra Limited
		For Year Ended	31 March 2014
SC	HEDILLE	5a: REPORT ON REGULATORY TAX ALLOWANCE	32 Widi 01 2024
This pro	schedule red fit). EDBs mu	uites information on the calculation of the regulatory tax allowance. This information is used to calculate regulators to provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Expl s part of audited disclosure information (as defined in section 1,4 of the ID determination), and so is subject to the	anatory Notes)
h re	f		
57 58	5a(v):	Reconciliation of Tax Losses	(\$000)
59		Opening tax losses	
60	plus	Current period tax losses	
61	less	Utilised tax losses	
62		Closing tax losses	
63 64	5a(vi):	Calculation of Deferred Tax Balance	(\$000)
65		Opening deferred tax	(2,985)
66			
67	plus	Tax effect of adjusted depreciation	1,457
68			
69	less	Tax effect of total tax depreciation	1,253
70			
71 72	plus	Tax effect of other temporary differences*	(61)
73	less	Tax effect of amortisation of initial differences in asset values	765
74	1633	Tax effect of amortisation of initial differences in asset values	765
75	plus	Deferred tax balance relating to assets acquired in the disclosure year	
76		3	
77	less	Deferred tax balance relating to assets disposed in the disclosure year	13
78			
79	plus	Deferred tax cost allocation adjustment	
80			
81		Closing deferred tax	(3,619)
82			
83	5a(vii)	Disclosure of Temporary Differences	
		In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule	dule 5a(vi) (Tax effect of other temporary
84		differences).	
85			
86	5a(viii)	: Regulatory Tax Asset Base Roll-Forward	
87			(\$000)
88		Opening sum of regulatory tax asset values	45,362
89	less	Tax depreciation	4,474
90	plus	Regulatory tax asset value of assets commissioned	4,540
91 92	less	Regulatory tax asset value of asset disposals	98
93	plus plus	Lost and found assets adjustment Other adjustments to the RAB tax value	3,264
94	pius	Closing sum of regulatory tax asset values	3,264
		annual annual or reference in ray apper sames	40,354

The storated browder unique on the valuation of related party Transactions in section 2.5 and 2.3.7 at the 10 determination is subject to the storation of selection of related party Transactions in section 2.5 and 2.3.7 at the 10 determination of the valuation of the valuation of the valuation of related party Transactions in section 2.5 and 2.3.7 at the 10 determination of the valuation of related party Transactions in section 2.4 and 2.3.7 at the 10 determination 2.5 and 2.0.7 at the 2.0	## FEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS schools provides information on the valuation of related party transactions, in accordance with action 2.3.7 of the 10 determination, information to related party transactions in section 1.4 of the 10 determination, and so is subject to the assurance report required by the related Party Transactions Subject of the assurance report required by the section 1.4 of the 10 determination, and so is subject to the assurance report required by the related party transactions of some determination in the section 1.4 of the 10 determination, and so is subject to the assurance report required by the related party transactions Subject of the section 1.4 of the 10 determination and so is subject to the assurance report required by the related party transactions Subject of the section the section 1.4 of the 10 determination of subject to the assurance report required by the related party transactions of subject to the section the section of the section the section of section of the section of section of the section of section of the section of the section of the section of the section of section of the section of section of the section of section of section of the section of sectio				Сотрапу Name		Electra Limited
HEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS schedule provides information on the valuation of related party transactions. 5b(i): Summary—Related Party Transactions Total regulatory income Capital expenditure Capital exp	HEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS schedule provides information on the valuation of leaked party Transactions. In accordance with section 2.8 and 2.3 of the 10 betermination. Sb(i): Summary - Related Party Transactions Schedule provides information on the valuation of elaked party Transactions Schedule provides information on the valuation of elaked party Transactions Sb(ii): Entities almoyled on the party Transactions Sb(iii): Entities Involved to Party Transactions Name of related party Transactions Sb(iii): Entities Involved to Related Party Transactions Schedule				For Year Ended		31 March 2014
Sb(ii): Summary—Related Party Transactions Total regulatory income Capta expenditure Capta expenditure Name of related party Transactions Sb(iii): Entities Involved in Related Party Transactions Sb(iii): Entities Involved in Related Party Transactions Flextra Distribution Operations Thinking the Capta of Party Transaction of Party Transactions Sb(iii): Related Party Transactions Transactory owned subbidgiary Transactions When of related party Transactions Scott communication of Capta of Party Transactions Transaction of Party Transactions Related Party Transactions Section of Party Transactions Transaction of Party Transactions Scott of Party Transactions Scott of Party Transactions Related Party Transactions Transaction of Party Transactions Scott	Sb(ii): Summary—Related Party Transactions Total regulatory income Coperational expenditure Coperational expenditure Coperational expenditure Coperational expenditure Coperational coperations Name of related Party Transactions Sb(iii): Entities involved in Related Party Transactions Name of related party Related party relations Contracting Division of Electra Limited Control Runner Limited Control Runner Coperation Name of related party I copy council subsidiary I copy council subsidiar	AI E E	CHEDULE 5b: REPORT ON RELATED PAR is schedule provides information on the valuation of related part is information is part of audited disclosure information is a define	TY TRANSA y transactions, in ac	CTIONS cordance with section 2.3.6 and 2.3.7 of the ID deter	mination.	sertion 2 8.
Total regulatory income Operations Solid: Summary—Related Party Transactions Total regulatory income Capital separations Other related party transactions Solid: Entities involved in Related Party Transactions Manne of related party Find the contracting Division of Electra Limited Order of innone Limited Order of innone Limited Order of innone Limited Order of innone Limited Sty Communications Limited Solid: Related Party Transactions Secure Distribution Operation Name of related party Transaction prescribed on transaction of learns an alignment into Order of Finance Limited and Solid order innone	Total regulatory income Capital separature Capital	sch	ef				
Total regulatory income Quella coverations Market value of size of sposals Other produced in Related Party Transactions Sb(ii): Entities involved in Related Party Transactions Sb(iii): Entities involved in Related Party Transaction That become a contracting Division of Electra Limited Oxford Finance Limited Oxford Finance Capparion Limited Oxford Finance Capparion Limited Schilli): Related Party Transactions Related Party Transactions Schilli): Related Party Transactions Related Party Transactions Transaction Name of related party Transaction Operations Opera Description of transaction Capparions Description of transaction Capparions Sold Confinence Limited Sold Confi	Total regulatory income Copial expenditure Copial expenditure Copial expenditure Copial expenditure Animal of related party Transactions Shell: Entities Involved in Related Party Transaction Shell in the copial expenditure of the copial expension of the copial expens	7	Sh(i): Summarv—Related Party Transaction	20	0005)		
Operational expenditure Capital expenditure Capital expenditure Capital expenditure Capital expenditure Market value of asset disposals Other related party transactions Fleetra Distribution Operations Distribution Operations Contracting Division of Electra Limited Distribution Operations Shifting Contracting Division of Electra Limited Oxford Finance Unitied Sty Communications Unitied Sty Communications United Shifting Name of related party Transaction Related Party Transactions Related Party Transaction Related Party Transactions Related party Management fees received Shifting Electra Distribution Operations Operations Operations Operations Capax Related party Transaction Related party Transactions Sales Onchaige costs incurred on behalf of Sty Communications United Sales Onchaige costs incurred on behalf of Sales Onchaige costs incurred on behalf of Sty Communications United Sales Onchaige costs incurred on behalf of Sales Onchaige costs incurred on behalf of Sales Onchaige costs incurred on behalf of Sales Onchaige costs incurred Sales Onchaige costs incurre	Operational expenditure Capital expenditure Capital expenditure Capital expenditure Capital expenditure of sizes of deposals Other related party transactions Market value of sizes of deposals The first of the fi	. 00	Total regulatory income	2			
Sb(ii): Entities Involved in Related Party Transactions Name of related party Related Party Name of related party Oxford Finance Limited Sty Communications Limited Sh(iii): Related Party Transaction * Include codditional rows if needed Sty Communications Limited Styles Management (fees received Management (fees received Management (fees received Management (sees received Management (s	Shift): Entities Involved in Related Party Transactions Name of related party Related Party Transactions Name of related party Name of related party Name of related party Related Party Transactions Shift): Related Party Transaction Name of related party Related Party Transactions Shift): Related Party Transaction Name of related party Related Party Transaction Name of related party Transaction Name of related party Related Party Transaction Shift): Related Party Transaction Shift): Related Party Transaction Name of related party Shift): Related Party Transaction Shift): Related Party Transaction Name of related party Transaction Shift): Related Party Transaction Shift): Related Part	0 6	Operational expenditure			5,053	
Sb(iii): Entities Involved in Related Party Transactions Name of related party Transactions Name of related party Transaction Contracting Division of Electra Limited Oxford Finance Limited Sky Communications Limited Sky C	Sb(ii): Entities Involved in Related Party Transactions Name of related party Didnot Finance Limited Oxford Finance Corporation Limited Sk Communications Limited Sb(iii): Related Party Transaction Related party Transaction Name of related party Electra Distribution Operations Featra Distribution Operations Dispex Control involved aubsidiary Name of related party Featra Distribution Operations Dispex Control involved Sb(iii): Related Party Transaction Related party Featra Distribution Operations Electra Distribution Operations Dispex Control involved Sales Oxford Finance Limited Sales Oxford Fi	11	Capital experiorume Market value of asset disposals			000,0	
Sh(ii): Entities Involved in Related Party Transactions Related party relations	Sheling Electra Distribution Operations Related party Transactions	12	Other related party transactions				
Electra Distribution Operations Contracting Division of Electra Limited Data Col NZ Limited Division of Electra Distribution Coperations Limited Division of Electra Distribution Operations Related party Transaction Related party Transaction Related party Transaction Related party Communication Coperations Copex Capital works on Network Copital works on Network Electra Distribution Operations Copex Capital works on Network Copital works on N	Sherra Distribution Operations Contracting Division of Electra Limited	13		ansactions			
Electra Distribution Operations Diazcol NLL Innited Diodic owned subsidiary Diodic owned	Electra Distribution Operations Diazcal NUL Immedia Oxford Finance Limited	14	Name of related party		R	elated party relations	ship
DataCol NZ Limited 100% owned subsidiary 100% ow	Control Finance Limited 100% owned subsidiary 10	15	Electra Distribution Operations		Contracting Division of Electra Limited		
Shy Communications Limited Sky Communications Limited Sk	Shy Communications Limited Shy Communications Imited Shales Management fees received Shy Communications Imited Shales Shy Communications Imited Shales	16	DataCol NZ Limited		100% owned subsidiary		
Sb(iii): Related Party Transactions Include additional rows if needed 100% owned subsidiary - analgamated into Oxford Finance Limited 31 Mar.	Sb(iii): Related Party Transactions Include additional rows if needed 100% owned subsidiary - amalgamated into Oxford Finance Limited 31 Mar.		Oxford Finance Limited	(Access)	100% owned subsidiary		
Sky Communications Limited * include additional rows if needed	Sby Communications Limited * include additional rows if needed	17	Oxford Finance Corporation Limited		100% owned subsidiary - amalgamated into Oxford F	nance Limited 31 Ma	rch 2014
* include additional rows if needed Sb(iii): Related Party Transactions Name of related party Transaction transaction transaction Name of related party Transaction transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Transa	* include additional rows if needed Sb(iii): Related Party Transactions Name of related party transaction type Related party Related pa		Sky Communications Limited		100% owned subsidiary		
Sb(iii): Related Party Transactions Related Party Transactions Related party Transaction transaction transaction transaction (5000) Electra Distribution Operations Data Col NZ Limited Data Col NZ Limited Sky Communications Limited Sky Communications Limited Sky Communications Limited Sales Management fees received Sales Management fees received Sky Communications Limited Sales Management fees received Sales Sky Communications Limited Sales Management fees received Sales Management fees received Sales Sky Communications Limited Sales Management fees received Sales Sky Communications Limited Sales Management fees received Sales Sky Communications Limited Sales Sales Management fees received Sales Sky Communications Limited Sales Sale	Sb(iii): Related Party Transactions Related Party Transactions Related party Pransaction Pra	90					٠
Sb(iii): Related Party Transactions Name of related party Name of related party Related party Transaction type Transaction type Electra Distribution Operations Deex Description of transaction (5000) Electra Distribution Operations DataCol NZ Limited DataCol NZ Limited DataCol NZ Limited Sales Management fees received Sky Communications Limited Sales Management fees received **Include additional rows if needed	*include additional rows if needed Shelated Party Transactions Name of related party Transaction type Transaction type Electra Distribution Operations Description of transaction Transaction type Transaction transaction Transaction of transaction Transaction transaction Transaction transaction Transaction transaction Transaction transaction Trans	61					
Name of related party Name of related party Related party Name of related party Transaction type Transaction Transaction type Transaction type Transaction type Transaction T	Name of related party Name of related party Name of related party Transaction type Electra Distribution Operations Deex Deex Captal works on Network Description of transaction Sales Oxford Finance Limited Sales Management fees received Sales Sales Management fees received Sales Sales Management fees received Sales Sales Sales Management fees received Sales Sales Sales Sales Sales Management fees received Sales Sale	20	* include additional rows if needed				
Related party transaction type Description of transaction (5000) Electra Distribution Operations Opex Capital works on Network Capital Works on N	Name of related party transaction type Description of transaction (\$000) Electra Distribution Operations Opex Network maintenance 5,053 Electra Distribution Operations Captex Capital works on Network Capital works on Ne	77	5b(iii): Related Party Transactions				
Related party Related party Transaction type	Name of related party Related party transaction type transaction (\$000) Electra Distribution Operations Opex Network maintenance 5,053 Electra Distribution Operations Capex Capital works on Network 6,368 DataCol NZ Limited Sales Oncharge costs incurred on behalf of Sales 35 Oxford Finance Limited Sales Management fees received 232 Sky Communications Limited Sales Management fees received 232 * include additional rows if needed						
Related party Related party transaction Transaction type (\$000) Electra Distribution Operations Opex Network maintenance 5,053 Electra Distribution Operations Captex Captal works on Network 6,368 DataCol NZ Limited Sales Management fees received 6,368 Oxford Finance Limited Sales Management fees received 66 Sky Communications Limited Sales Management fees received 232 include additional rows if needed *include additional rows if needed *include additional rows if needed *include additional rows if needed	Related party Related party transaction type transaction (\$000) Electra Distribution Operations Opex Network maintenance 5,053 Electra Distribution Operations Capex Capital works on Network 6,368 DataCol NZ Limited Sales Oncharge costs incurred on behalf of 65 35 Oxford Finance Limited Sales Management fees received 66 Sky Communications Limited Sales Management fees received 232 * include additional rows if needed * include additional rows if needed * include additional rows if needed *					Value of	
Name of related party transaction type Description of transaction	Name of related party transaction type Description of transaction Spoul			Related party		transaction	
Electra Distribution Operations Capex Capital works on Network maintenance 5,053 Electra Distribution Operations Capex Capital works on Network 6,368 DataCo INZ Limited Sales Oncharge costs incurred on behalf of 35 Oxford Finance Limited Sales Management fees received 66 Sky Communications Limited Sales Management fees received 232 Sky Communications Limited 5ales Management fees received 533 An	Electra Distribution Operations Capex Capital works on Network maintenance 5,053 Electra Distribution Operations Capex Capital works on Network 6,368 DataCol NZ Limited Sales Oncharge costs incurred on behalf of 35 Oxford Finance Limited Sales Management fees received 53 Sky Communications Limited Sales Management fees received 232 - A communications Limited Sales Management fees received 232 - A communications Limited 232 - A co	22	Name of related party	transaction type	Description of transaction	(\$000)	Basis for determining value
Electra Distribution Operations Capex Capital works on Network 6,368 DataCol NZ Limited Sales Oncharge costs incurred on behalf of 35 Oxford Finance Limited Sales Management fees received 66 Sky Communications Limited Sales Management fees received 65 Sky Communications Limited 232 Ry Communications Limited 2322 Ry Communications Limited 2322 Ry Communications Limit	Electra Distribution Operations Capex Capital works on Network 6,368 DataCol NZ Linited Sales Oncharge costs incurred on behalf of 35 Oxford Finance Limited Sales Management fees received 66 Sky Communications Limited Sales Management fees received 65 Sky Communications Limited 5ales Management fees received 65 Sales Management fees received 65 Findude additional rows if needed 65 The control of the c	23	Electra Distribution Operations	Opex	Network maintenance	5,053	per ED Information Disclosures 2012 52.3.6(1)(b)
DataCol NZ Limited Oxford Finance Limited Sales Management fees received Sales Management fees received Sales Management fees received Sales Management fees received Sales Management fees received Sales Management fees received Sales Management fees received Sales Management fees received Sales Sales Management fees received Sales Sales Management fees received Sales	DataCol NZ Limited Oxford Finance Limited Sales Management fees received Sky Communications Limited Sales Management fees received Sales Sales Management fees received Sales Sales Sales Management fees received Sales Sa	24	Electra Distribution Operations	Capex	Capital works on Network	896'9	cost per Input Methodologies S2.2,11(5)(g)
Oxford Finance Limited Sales Management fees received 66 Sky Communications Limited Sales Management fees received 232 Ranagement fees received 232 Management fees received 523 Anagement fees received 523 **Anagement fees received 666 **Anagement fees received 783 **Anagem	Oxford Finance Limited Sales Management fees received 66 Sky Communications Limited Sales Management fees received 232 Received Management fees received 232 Received 1232 Received 123	25	DataCol NZ Limited	Sales	Oncharge costs incurred on behalf of	35	
Sky Communications Limited Sales Management fees received 232 Management fees received 232 **Include additional rows if needed**	Sky Communications Limited Sales Management fees received 232 Variable additional rows if needed Variable Variable	56	Oxford Finance Limited	Sales	Management fees received	99	
		27	Sky Communications Limited	Sales	Management fees received	232	
		28					
		6					
		30					
		31					
		32					
		33					
		34					
		35					
		36					
* include additional rows if needed	* include additional rows if needed	37					
			* include additional rows if needed				

S only to be coming to be comin	SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.	Sc(i): Qualifying Debt (may be Commission only) Book value at Cost of executing Original tenor (in Book value at date of financial Term Credit an interest rate Debt issue cost of executing source date Pricine dat	done and based forward from the format and the form	* include additional rows if needed Sc[ii]: Attribution of Term Credit Spread Differential	Gross term credit spread differential Total book value of interest bearing debt Leverage Average opening and closing RAB values Attribution Rate (%) Term credit spread differential allowance
--	--	--	--	---	--

S5c.TCSD Allowance

					Company Name		ectra Limited	
					For Year Ended	31	March 2014	
	CHEDULE 5d: REPORT ON COST ALLOC							
	s schedule provides information on the allocation of operatic s information is part of audited disclosure information (as de					ites), including on the im	npact of any reclassif	fications
		miles in section 114 of the ib determination	norry, and so is subject to the assi	statice report required o	y acction 2.d.			
ch re	<u> </u>							
7	5d(i): Operating Cost Allocations							
8	(// operating continuous				V	alue allocated (\$000s)		
					Electricity	Non-electricity		
1				Arm's length	distribution	distribution		ABAA allocation
9	Samilas interruptions and amount of			deduction	services	services	Total ir	ncrease (\$000s)
10	Service interruptions and emergencies Directly attributable				1,532			
12	Not directly attributable				1,000			
13	Total attributable to regulated service			-	1,532			
14	Vegetation management							
15 16	Directly attributable Not directly attributable				1,159			
17	Total attributable to regulated service				1,159			
18	Routine and corrective maintenance and	Inspection						
19	Directly attributable				506	<u> </u>		
20	Not directly attributable						+	
21	Total attributable to regulated service				506			
22 23	Asset replacement and renewal Directly attributable				2,141			
24	Not directly attributable				2,141	1		7
25	Total attributable to regulated service			-	2,141			
26	System operations and network support							
27	Directly attributable				349			
28	Not directly attributable				A000		-	
29 30	Total attributable to regulated service Business support				349			
31	Directly attributable				1,826			
32	Not directly attributable				2,678		2,678	1
33 34	Total attributable to regulated service				4,504			
35	Operating costs directly attributable				7,513	ē.		
36	Operating costs not directly attributable				2,678	- 1	2,678	
37	Operating expenditure			1	10,191			
45	5d(ii): Other Cost Allocations Pass through and recoverable costs							
47	Pass through costs							
48	Directly attributable				131			
49	Not directly attributable							
50	Total attributable to regulated service				131			
51 52	Recoverable costs Directly attributable				8,751			
53	Not directly attributable				8,731			
54	Total attributable to regulated service				8,751			
55								
56	5d(iii): Changes in Cost Allocations* †					(\$000)		
57						CY-1 Cu	urrent Year (CY)	
58	Change in cost allocation 1	(F				31 Mar 13	31 Mar 14	
59 60	Cost category Original allocator or line items				Original allocation New allocation			
61	New allocator or line items				Difference		-	
62								
63 64	Rationale for change							
65		-				CY-1 Cu	urrent Year (CY)	
66	Change in cost allocation 2					31 Mar 13	31 Mar 14	
67	Cost category				Original allocation			
68 69	Original allocator or line items New allocator or line items				New allocation Difference			
70	CARACTER CONTRACTOR CO	9			2.11010100	- '-		
71	Rationale for change							
72								
73 74	Change in cost allocation 3					CY-1 Ct 31 Mar 13	urrent Year (CY) 31 Mar 14	
75	Cost category				Original allocation			
76	Original allocator or line items		100		New allocation			
77	New allocator or line Items				Difference		- 3	
78 79	Rationale for change							
80	nationale for change							
81								
82	* a change in cost allocation must be completed for each	cost allocator change that has occurred	d in the disclosure year. A moven	nent in an allocator met	ric is not a change in o	llocator or component.		
	t include additional rows if needed							
-								

			Company Name For Year Ended	Electra Limited 31 March 2014
TH	CHEDULE 5e: REPORT ON ASSET ALLOC, is schedule requires information on the allocation of asset valu. DBS must provide explanatory comment on their cost allocation formation (as defined in section 1,4 of the ID determination), a	es. This information supports the calculation of the in Schedule 14 (Mandatory Explanatory Notes), in	ncluding on the impact of any changes in asset alloca	otions, This information is part of audited disclosure
sch r	y.			
7	5e(i):Regulated Service Asset Values			
1	Sell/inchalaced Sell alee Asset and act		Makus allagated	
8			Value allocated (\$000s)	
			Electricity distribution	
9	Subtransmission lines		services	
11	Directly attributable		6939	
12	Not directly attributable			
13	Total attributable to regulated service		6,939	
14 15	Subtransmission cables Directly attributable		6366	
16	Not directly attributable			
17	Total attributable to regulated service		6,366	
18 19	Zone substations Directly attributable		26693	
20	Not directly attributable		20093	
21	Total attributable to regulated service		26,693	
22 23	Distribution and LV lines Directly attributable		[
24	Not directly attributable		25950	
25	Total attributable to regulated service		25,950	
26	Distribution and LV cables			
27 28	Directly attributable Not directly attributable		36058	
29	Total attributable to regulated service		36,058	
30	Distribution substations and transformers		r	
31 32	Directly attributable Not directly attributable		22214	
33	Total attributable to regulated service		22,214	
34	Distribution switchgear			
35 36	Directly attributable Not directly attributable		7134	
37	Total attributable to regulated service		7,134	
38	Other network assets			
39 40	Directly attributable		11199	
41	Not directly attributable Total attributable to regulated service		11,199	
42	Non-network assets			
43 44	Directly attributable			
45	Not directly attributable Total attributable to regulated service		1465 1,465	
46				
47 48	Regulated service asset value directly attributable Regulated service asset value not directly attributa	ible	142,553	
49	Total closing RAB value		144,018	
57	5e(ii): Changes in Asset Allocations* †			(\$000)
58				CY-1 Current Year (CY)
59 60	Change in asset value allocation 1			31 Mar 13 31 Mar 14
61	Asset category		Original allocation	
62 63	Original allocator or line items New allocator or line items		New allocation	
64	New anotator or line items		Difference	4 4
65	Rationale for change			
66 67				CY-1 Current Year (CY)
68	Change in asset value allocation 2			31 Mar 13 31 Mar 14
69	Asset category		Original allocation	
70 71	Original allocator or line items New allocator or line items		New allocation Difference	
72				
73 74	Rationale for change			
75				
76	Character of the state of the s			CY-1 Current Year (CY)
77 78	Change in asset value allocation 3 Asset category		Original allocation	31 Mar 13 31 Mar 14
79	Original allocator or line items		New allocation	
80 81	New allocator or line items		Difference	
81 82	Rationale for change			
83				
84 85	* a change in asset allocation must be completed for each	allocator or component change that has occurred	in the disclosure year. A movement is an allowan	metric is not a change in allocator or component
	† include additional rows if needed		and an another year A movement in an anotator	need to not a change in anotator of component.

Company Name **Electra Limited** 31 March 2014 For Year Ended SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch ref 6a(i): Expenditure on Assets (\$000) (\$000) Consumer connection 8 System growth 58 10 Asset replacement and renewal 3,689 Asset relocations 210 12 Reliability, safety and environment: Quality of supply 13 2,278 14 Legislative and regulatory 15 Other reliability, safety and environment 481 16 Total reliability, safety and environment Expenditure on network assets 17 6,716 18 Non-network assets 807 19 20 **Expenditure on assets** 7.523 21 Cost of financing 22 Value of capital contributions 23 plus Value of vested assets 81 25 Capital expenditure 7,604 6a(ii): Subcomponents of Expenditure on Assets (where known) (\$000) 26 Energy efficiency and demand side management, reduction of energy losses 27 28 Overhead to underground conversion 36 29 Research and development 6a(iii): Consumer Connection 30 31 Consumer types defined by EDB* (\$000) (\$000) 32 33 34 35 36 include additional rows if needed 37 38 Consumer connection expenditure 39 Capital contributions funding consumer connection expenditure 40 41 Consumer connection less capital contributions Asset 6a(iv): System Growth and Asset Replacement and Renewal 42 Replacement and System Growth 43 Renewal (\$000) (\$000) 44 Subtransmission 45 19 46 Zone substations 52 47 Distribution and LV lines 1,240 48 Distribution and LV cables 58 405 49 Distribution substations and transformers 1,415 Distribution switchgear 558 51 Other network assets 52 System growth and asset replacement and renewal expenditure 3,689 53 Capital contributions funding system growth and asset replacement and renewal 54 System growth and asset replacement and renewal less capital contributions 3,689 55 6a(v): Asset Relocations 56 (\$000) 57 Project or programme* (\$000) 5 projects with individual maximim value of \$117K 58 210 59 60 61 62 63 * include additional rows if needed All other asset relocations projects or programmes 64 65 Asset relocations expenditure 210 Capital contributions funding asset relocations 66 less 67 Asset relocations less capital contributions 210

		Company Name	Electra Limited
		For Year Ended	31 March 2014
	HEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE		
	schedule requires a breakdown of capital expenditure on assets incurred in the disclosure ye		
	excluding assets that are vested assets. Information on expenditure on assets must be provic is must provide explanatory comment on their expenditure on assets in Schedule 14 (Explana		sis and must exclude finance costs.
	information is part of audited disclosure information (as defined in section 1.4 of the ID dete		the assurance report required by section 2.8.
sch ref			
75	6a(vi): Quality of Supply		
76	Project or programme*		(\$000) (\$000)
77	New 33kV cable Shannon to Mangahao		1,703
78 79	10 other projects with maximin individual value of \$199K		574
80			
81			
82	* include additional rows if needed		
83	All other quality of supply projects or programmes		
84 85	Quality of supply expenditure less Capital contributions funding quality of supply		2,278
86	Quality of supply less capital contributions		2,278
			2,0.70
87	6a(vii): Legislative and Regulatory		7,52,43
88	Project or programme*		(\$000) (\$000)
89 90			
91			
92			
93			
94 95	* include additional rows if needed		
96	All other legislative and regulatory projects or programmes Legislative and regulatory expenditure		
97	less Capital contributions funding legislative and regulatory		
98	Legislative and regulatory less capital contributions		
	Columbia Oak on Deliabilian Cofeen and Environment		·
99	6a(viii): Other Reliability, Safety and Environment Project or programme*		(\$000) (\$000)
101	44 projects with maximum individual value of \$68K		481
102			
103			
104			
106	* include additional rows if needed		
107	All other reliability, safety and environment projects or programmes		
108	Other reliability, safety and environment expenditure		481
109	less Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions		101
111	Other renability, safety and environment less capital contributions		481
112	6a(ix): Non-Network Assets		
113	Routine expenditure		(6000)
114	Project or programme* Vehicle replacements		(\$000) (\$000)
116	Tool & Equipment replacements		142
117	Computer Hardware replacements		29
118	Software upgrades		59
119	* include additional rows if needed		
121	All other routine expenditure projects or programmes		
122	Routine expenditure		360
123	Atypical expenditure		
124	Project or programme*		(\$000) (\$000)
125	Extension to Head Office		447
126			
127			
128			
130	* include additional rows if needed		
131	All other atypical expenditure projects or programmes		
132	Atypical expenditure		447
133	No. of the second secon		
134	Non-network assets expenditure		807

S6b.Actual Expenditure Opex

Electra Limited Company Name For Year Ended 31 March 2014

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

			r
50	n	re	F

;	7(i): Revenue	Target (\$000) 1	Actual (\$000)	% variance
8	Line charge revenue	35,444	35,458	0%
9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10		100	Actual (9000)	(100%)
1:	The state of the s	1,000	58	(94%)
12	, ,	5,823	3,689	(37%)
13	The state of the s	200	210	5%
14		200	210	370
15	,,,	1,258	2,278	81%
16	Account a complete	35	2,210	(100%)
17	3,	30	481	1,505%
18		1,323	2,759	109%
19		8,446	6,716	(20%)
20		1,098	807	(26%)
2:		9,544	7,523	(21%)
_		3,511	.,525	(22/0)
22	7(iii): Operational Expenditure			
23		1,480	1,532	4%
24		1,200	1,159	(3%)
25		805	506	(37%)
26		1,210	2,141	77%
27	Network opex	4,695	5,338	14%
28	System operations and network support	1,874	349	(81%)
29		283	4,504	1,492%
30	Non-network opex	2,157	4,853	125%
3:	Operational expenditure	6,852	10,191	49%
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33		20		(100%)
34	Overhead to underground conversion	1	36	-
35	Research and development	20	-	(100%)
36	· ·	32	*	
3;	7(v): Subcomponents of Operational Expenditure (where know	n)		
38		-	N/A	
39			N/A	
40		1	N/A	
4:	·	250	343	37%

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

43 44

² From the nominal dollar expenditure forecast and disclosed in the second to last AMP as the year CY+1 forecast

		Add extra	columns for additional billed conditional billed component as	(mercana)					201									Moi-		
Electra Limited 31 March 2014		Pale Charge	bite suite				1231				*.						1.4		1771	3,231
Electra 31 Mar		Found	minus jud				3				*									
		Maritenance	per fixting				200	202		-									212	2112
Company Name For Year Ended -Network Name		Unit Charge - Transmission	kWh of certainplion	65,343,472	46.352.573	12,116,520	3,916,140	478.959	273,603,274							4			401,865,97R	401,865,978
Company Name For Year Ended Network / Sub-Network Name		Und Clarge Network	kwh uf contimpten	65.343,472	46.359,573	12,114,520	3,916,140	478.999	213,022,276	-		4			. 1				401,845,978	401,865,978
ered to these ICPs.	arice component	Supply Charge - Transmission	Day	44,895	274,480	\$75,240		1	14,478,083		1				-	1			15,322,700	15,322,700
and the energy deliv	Billed quantities by price component	Supply Charge Network	Day	44,895	274,480	575,240			14,476,085			9.							15,322,700	15,332,700
SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES This schedule requires the billed quantities and associated line charge inventives for each give caragory code, and the energy definered to these (CPs. 1994) and the case of the cas		Price component	Unit charging basis (eg, days, kW of demand, KNA of capacity, etc.)																	
ation is also required on the nu			Energy delivered to ICPs in disclosure year (MWh)	65.343	46.360	12,115	3.916	479	171,931				I						901,856	401,866
in its pricing schedules, Informé			Average no. of ICPs in disclosure year	123	752	3,576	2		625'62										41.562	41,582
E CHARGE REVENUES the category code used by the EDB			Standard or non-standard consumer group (specify)	Standard	Standard	Standard	Randard	Sandard	3Cardiazio									les as necessary	Standard consumer totals	Total for all consumers
SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES This schedule requires the billed quantities and associated line charge inventors for each price catagory code used by the ED	omponent		Consumer type or types (eg, residential, commercial etc.)	W	Ali	All			V									Add extra rows for additional consumer groups or price category codes as necessary		
REPORT ON BILLED (the billed quantities and associat	8(i): Billed Quantities by Price Component		Consumer group name of price category code	Standard Industrial	High Sports	Kendow			All Other Consumers.									idd entra rows for additional cons		
DULE 8: 6	8(i): Bille		U	1.5	É	Z	41	21	<1			-1.	 1	-	_			- A		

s also required on the number of ICPs, that are included in each consumer group or price category code, and the evergy delivered to these ICPs.	Line charge revenues (5000) by price component Supply Charge - Supply Charge - Unit Charge - Unit Charge - Raintenance Freed Pube Charge - Network Transmission Network - Transmission - Network -	Note distribution line charge Rate legs \$/day, s/day \$/day S/lay S	52.002 5000 52.00 5	0907.55 2015 5125	9975 548 5749	575	200	540,701 S6,819 57.21 S1,123 S15,910 SS,627						95 95 65 825 955 955 955 955 955 955 955 955 955 9	AND THE PROPERTY OF THE PROPER	\$58.50 \$46.95\$ \$51.546 \$55.522 \$7.439 \$9 \$466 \$461
its pricing schedules, Information		Total line charge revenue No In disclosure year forego	\$3,408	\$2,922	\$1,009	198S	100	227,640		3.00	(0.0	•		100000	1	\$35,458
CHARGE REVENUES		Standard or non-standard Tor consumer group (specify)	Xandard	Standard	Standard	Standard	Butturk	Sundard						s as necessary	Mon-standard consumer totals	Total for all consumers
SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules, information is also red ref [8] [1]: Line Charge Revenues (\$000) by Price Component		Consumer type or types (eg, residential, commercial etc.)	All			8								Add extra rows for additional consumer groups or price category codes as necessary		
DULE 8: REPORT ON BILLED QUANTITIES AND LIN the requires the billed quantities and associated line charge revenues for each in the Charge Revenues (\$000) by Price Component		Consumer group name or price category code	Standard Industrial	Triple Sautr	Nohl/Oav	Streethghting	Treatment Andreas	All Other Consumers						Add extra rows for additional con		

Electra Limited 31 March 2014 Company Name For Year Ended Electra Network / Sub-network Name

sch ref

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.

8	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	year (quantity)	Net change	Data accuracy 1-4
9	All	Overhead Line	Concrete poles / steel structure	No.	20,090	20,221	131	4
0	All	Overhead Line	Wood poles	No	1,426	1,284	(142)	4
1	All	Overhead Line	Other pole types	No		77.1		N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	152	152		4
3	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	, a			N/A
4	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	21	27	6	4
.5	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km			-	N/A
6	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km		34		N/A
7	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km		Ţ÷		N/A
8	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km				N/A
9	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km		Ţ\$	- 3	N/A
0	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km		1.4	-	N/A
1	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km		-	-	N/A
2	HV	Subtransmission Cable	Subtransmission submarine cable	km		Ţ÷	14	N/A
3	HV	Zone substation Buildings	Zone substations up to 66kV	No.	10	10	14	N/A
4	HV	Zone substation Buildings	Zone substations 110kV+	No.	7.0	-		N/A
5	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.		-	- 2	N/A
6	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.		-		N/A
7	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	54	-	- 4	N/A
8	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	68	68		4
9	HV	Zone substation switchgear	33kV RMU	No.	Ša.		74	N/A
0	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	26	26		4
1	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	27	27		. 4
2	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	80	80	- 4	4
3	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.		-	- 3	N/A
4	HV	Zone Substation Transformer	Zone Substation Transformers	No.	19	19	74	4
5	HV	Distribution Line	Distribution OH Open Wire Conductor	km	865	856	(9)	4
5	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	2	14		N/A
7	HV	Distribution Line	SWER conductor	km		-	- 54	N/A
8	HV	Distribution Cable	Distribution UG XLPE or PVC	km	98	99	1	4
9	HV	Distribution Cable	Distribution UG PILC	km	121	126	5	4
0	HV	Distribution Cable	Distribution Submarine Cable	km		14		N/A
1	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	31	31	- 3	4
2	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.		14	24	N/A
3	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No-	3,055	3,097	42	
4	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No-	76	-	- 3	N/A
5	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	107	118	11	3
5	HV	Distribution Transformer	Pole Mounted Transformer	No.	1,592	1,601	9	4
7	HV	Distribution Transformer	Ground Mounted Transformer	No-	898	908	10	
8	HV	Distribution Transformer	Voltage regulators	No-	(2		- 3	N/A
9	HV	Distribution Substations	Ground Mounted Substation Housing	No-		:=	_ %	N/A
0	LV	LV Line	LV OH Conductor	km	536	532	(4)	
1	LV	LV Cable	LV UG Cable	km	470	474	4	4
2	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	66	66	134	
3	LV	Connections	OH/UG consumer service connections	No-	42,810	42,908	98	
4	All	Protection	Protection relays (electromechanical, solid state and numeric)	No-	102	118	16	3
5	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1		
ŝ	All	Capacitor Banks	Capacitors including controls	No			3.4	N/A
7	All	Load Control	Centralised plant	Lot	2	2	7.	4
В	All	Load Control	Relays	No	1,836	1,897	61	- 2
9	All	Civils	Cable Tunnels	km				N/A

Company Name For Year Ended Network / Sub-network Name

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222222222222222222222222222222222222222	Distribution OH Open Wire Conductor Distribution OH Aerial Cable Conductor SWER conductor		258
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Distribution OH Aerial Cable Conductor SWER conductor	1 1 1 1 1 1 1 1 1	and the same of th
************	SWER conductor	man and the second seco	
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£ £ £ £ £ £ £ £ £ £ £	Distribution UG XIPE av PVC		8
A A A A A A A A A A A A	Distribution UG PILC	19 40 55 3	
2222222	Distribution Submarine Cable		N/A
222222		No. 1 5 10 5 6 7 1 1 2 1 1	
22222 222			<u>.</u>
2 2 2 2 2 2		No. 1 16 90 214 458 502 219 No. 65 99 33 60 61 13 11 00 117 111 111 97 100 61 119	36 3,097
2 2 2 2 2			V/V
2 			118
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2 2	Ther Vollage regulators		
			605
	17/10 Cokle	12 10 10 10 10 11 12 10 10 10 11 11 11	
2 2	IV OB/IIIS Streetlink circui		3
2	OH/US consumer service connections	200 201 201 201 201 201 201 201 201 201	34.06
65 All Protection	Protection relays (electromechanical, solid state and numeric)	5 1	
All			T
All		and the second s	NOA
	Centralised plant		
All Load Control	Relays	00 11 12 11 11 12 11 11 12 11 11 11 11 11	1,495
	Cable Tunnels		121

Electra Limited 31 March 2014 Electra Company Name For Year Ended Network / Sub-network Name SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref 9 11 12 13 14 15 16 17	Circuit length by operating voltage (at year end) > 66kV 50kV & 66kV 33kV SWER (all SWER voltages) 22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Total circuit length (for supply)	Overhead (km)	Indocessing Party	Total circuit
	Circuit length by operating voltage (at year end) > 66kV 50kV & 66kV 33kV SWER (all SWER voltages) 22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Low voltage (< 1kV) Total circuit length (for supply)		[mill beautiful forms	Total circuit
	Circuit length by operating voltage (at year end) > 66kV 50kV & 66kV 33kV SWER (all SWER voltages) 22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Total circuit length (for supply)	7.5	[mil) buttonsocket	Total circuit
	Circuit length by operating voltage (at year end) > 66kV 50kV & 66kV 33kV SWER (all SWER voltages) 22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Low voltage (< 1kV) Total circuit length (for supply)	7.5	Imd) bungaparabell	
	> 66kV 50kV & 66kV 33kV SWER (all SWER voltages) 22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Low voltage (< 1kV) Total circuit length (for supply)	×	Onderground (Am)	length (km)
	SOKV & 66kV 33kV SWER (all SWER voltages) 22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Low voltage (< 1kV) Total circuit length (for supply)	×		
	33kV SWER (all SWER voltages) 22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Low voltage (< 1kV) Total circuit length (for supply)		1	
	SWER (all SWER voltages) 22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Low voltage (< 1kV) Total circuit length (for supply)	152	27	179
	22kV (other than SWER) 6.6kV to 11kV (inclusive—other than SWER) Low voltage (< 1kV) Total circuit length (for supply)	(4)		
	6.6kV to 11kV (inclusive—other than SWER) Low voltage (< 1kV) Total circuit length (for supply)	1.9		
	Low voltage (< 1kV) Total circuit length (for supply)	826	222	1,078
	Total circuit length (for supply)	532	474	1,006
		1,540	723	2,263
_				
70	Dedicated street lighting circuit length (km)	15	51	99
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			15
			(% of total	
23	Overhead circuit length by terrain (at year end)	Circuit length (km) overhead length)	overhead length)	
24	Urban	449	762	
25	Rural	478	31%	
92	Remote only	100	•	
27	Rugged only	613	40%	
28	Remote and rugged	.4	-	
	Unallocated overhead lines	6	•	
30	Total overhead length	1,540	100%	
32		Circuit length (km)	(% of total circuit	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,876	83%	
			(% of total	
34		Circuit length (km)	overhead length)	
35	Overhead circuit requiring vegetation management	1,540	100%	

Company Name Electra Limited
For Year Ended 31 March 2014
Network / Sub-network Name Electra

This schedule req to circuit lengths. sch ref 10	This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths. The circuit length by operating voltage (at year end) Circuit length by operating voltage (at year end) Scheky Circuit length by operating voltage (at year end) Scheky Circuit length by operating voltage (at year end) Scheky Circuit length by operating voltage (at year end)	ating to cable and line	e assets, that are ex	oressed in km, refe
sch ref 9 10 11 13 14	Circuit length by operating voltage (at year end)			
9 10 11 13 13	Circuit length by operating voltage (at year end)			
10 11 13 13	Circuit length by operating voltage (at year end) $$>66\mathrm{kV}$$			Total
11 12 13	> 66kV	Overhead (km)	Underground (km)	length (km)
12 13		(4)		
13	50kV & 66kV	.01	4	
14	33kV	152	27	179
	SWER (all SWER voltages)		1	
15	22kV (other than SWER)	*	•	
16	6.6kV to 11kV (inclusive—other than SWER)	856	222	1,078
17	Low voltage (<1kV)	532	474	1,006
18	Total circuit length (for supply)	1,540	723	2,263
19				
20	Dedicated street lighting circuit length (km)	15	51	99
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			15
22			(% of total	
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	overhead length)	
24	Urban	449	29%	
25	Rural	478	31%	
26	Remote only	•		
27	Rugged only	613	40%	
28	Remote and rugged	٠	•	
29	Unallocated overhead lines	.40	97.0 723	
30	Total overhead length	1,540	100%	
31			(% of total circuit	
32		Circuit length (km)	length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,876	83%	
			(% of total	
34		Circuit length (km)	overhead length)	
35	Overhead circuit requiring vegetation management	1,540	100%	

S9d.Embedded Networks

S9d.Embedded Networks

	Company Name	Electra Limited
	For Year Ended	31 March 2014
	Network / Sub-network Name	Electra
SC	HEDULE 9e: REPORT ON NETWORK DEMAND	
	schedule requires a summary of the key measures of network utilisation for the disclosure year (number of nicibuted generation, peak demand and electricity volumes conveyed).	ew connections including
uisti	noted generation, peak demand and electricity volumes conveyed).	
sch ref		
8	9e(i): Consumer Connections	
9	Number of ICPs connected in year by consumer type	
		Number of
10	Consumer types defined by EDB*	connections (ICPs)
11	All	349
12		
13		
14		
15	* Land descriptions of the land	
16	* include additional rows if needed	240
17 18	Connections total	349
19	Distributed generation	
20	Number of connections made in year	46 connections
21	Capacity of distributed generation installed in year	3 MVA
	capacity of distributed Berief distributed in year	
22	9e(ii): System Demand	
23		
24		Demand at time
		of maximum
25	Maximum coincident system demand	coincident
25 26	GXP demand	demand (MW)
27	plus Distributed generation output at HV and above	93
28	Maximum coincident system demand	93
29	less Net transfers to (from) other EDBs at HV and above	
30	Demand on system for supply to consumers' connection points	93
		- (0111)
31	Electricity volumes carried	Energy (GWh) Energy (GWh)
32	Electricity supplied from GXPs	434
33	less Electricity exports to GXPs	
34	plus Electricity supplied from distributed generation	-
35	less Net electricity supplied to (from) other EDBs	
36	Electricity entering system for supply to consumers' connection points	434
37	less Total energy delivered to ICPs	402
38 39	Electricity losses (loss ratio)	32 7.4%
40	Load factor	1
41	9e(iii): Transformer Capacity	
42		(MVA)
43	Distribution transformer capacity (EDB owned)	313
44	Distribution transformer capacity (Non-EDB owned)	14
45	Total distribution transformer capacity	327
46		
47	Zone substation transformer capacity	352

		Company Name	Electra Limited
		For Year Ended	31 March 2014
		Network / Sub-network Name	Electra
_	CHEDULE 10: REPORT ON NETWORK RELIABILITY		
	his schedule requires a summary of the key measures of network reliability (Interruptions, SAIDI, SAIFI and fault		
	eliability for the disclosure year in Schedule 14 (Explanatory notes to templates), The SAIFI and SAIDI information etermination), and so is subject to the assurance report required by section 2.8.	n is part of audited disclosure information (a	as defined in section 1,4 of the ID
sch n			
8	10(i): Interruptions		
7,50		Number of	
9	Interruptions by class	interruptions	
10	Class A (planned interruptions by Transpower) Class B (planned interruptions on the network)	100	
11	Class C (unplanned interruptions on the network)	106	
13	Class D (unplanned interruptions by Transpower)	102	
14	Class E (unplanned interruptions of EDB owned generation)		
15	Class F (unplanned interruptions of generation owned by others)		
16	Class G (unplanned interruptions caused by another disclosing entity)		
17	Class H (planned Interruptions caused by another disclosing entity)		
28	Class I (Interruptions caused by parties not included above)		
19	Total	209	
20	Interruption restoration	≤3Hrs >3hrs	
22	Class C Interruptions restored within	84 18	
23	3.00		
24	SAIFI and SAIDI by class	SAIFI SAIDI	
25	Class A (planned Interruptions by Transpower)	JA101	
26	Class B (planned Interruptions on the network)	0.06 14.5	
27	Class C (unplanned interruptions on the network)	1.20 52,8	
28	Class D (unplanned interruptions by Transpower)	0,03 0,1	
29	Class E (unplanned interruptions of EDB owned generation)		
30	Class F (unplanned interruptions of generation owned by others) Class G (unplanned interruptions caused by another disclosing entity)		
32	Class H (planned interruptions caused by another disclosing entity)		
33	Class I (interruptions caused by parties not included above)		
34	Total	1.28 67.4	
35			
26	Normalized SAISLand SAIDI	Normalized CAIEL Manualized CAIDL	
36	Normalised SAIFI and SAIDI Classes B & C (interruptions on the network)	Normalised SAIFI Normalised SAIDI	
3,	classes b at a finter approvis on the network)	1	
38			
		SAIFI reliability SAIDI reliability	
39	Quality path normalised reliability limit	llmit limit	
40	SAIFI and SAIDI limits applicable to disclosure year*	N/A N/A	
42	* not applicable to exempt EDBs		
42	10(ii): Class C Interruptions and Duration by Cause		
43			
44	Cause	SAIFI SAIDI	
45	Lightning	Shirt Shibi	
46	Vegetation	0.07 5.0	
47	Adverse weather	0.47 16.1	
48	Adverse environment	0.14 7.5	
49	Third party interference	0.15 9.6	
50 51	Wildlife	0,02 0,5 0,06 1.8	
52	Human error Defective equipment	0.06 1.8	
53	Cause unknown	0.08 1.0	
	40(11) 01-1-11		
62	10(iii): Class B Interruptions and Duration by Main Equipment Involved		
63		TANK!	
64	Main equipment involved Subtransmission lines	SAIFI SAIDI	
66	Subtransmission cables		
67	Subtransmission other		
68	Distribution lines (excluding LV)	0.05 12.1	
69	Distribution cables (excluding LV)	0.00 0.0	
70	Distribution other (excluding LV)	0.01 2.4	
71	10(iv): Class C Interruptions and Duration by Main Equipment Involved		
72	Zolia), class conterruptions and ouration by Main Equipment involved		
73	Main equipment involved	SAIFI SAIDI	
74	Main equipment involved Subtransmission lines	0.31 SAIDI	
75	Subtransmission cables	10.1	
76	Subtransmission other		
77	Distribution lines (excluding LV)	0.76 34.6	
78	Distribution cables (excluding LV)	0.14 6.3	
79	Distribution other (excluding LV)	0.04 2.0	
900	10(v): Fault Pata		
80	10(v): Fault Rate		
81	Main equipment involved	Number of Faults Circuit length (km)	Fault rate (faults per 100km)
82	Main equipment involved Subtransmission lines	Number of Faults Circuit length (km)	0.66
83	Subtransmission cables	27	*
84	Subtransmission other		
85	Distribution lines (excluding LV)	82 856	9.58
85	Distribution cables (excluding LV)	11 222	4.95
87	Distribution other (excluding LV)	8	
88	Total	102	



EDB Information Disclosure Requirements Information Templates for Schedules 5f & 5g

Company Name
Disclosure Date
Disclosure Year (year ended)

Electra Limited
29 August 2014
31 March 2014

Templates for Schedules 5f & 5g
Template Version 3.0. Prepared 14 April 2014

Table of Contents

Schedule Description

- 5f Report Supporting Cost Allocations 5g Report Supporting Asset Allocations

								Company Name		Electra Limited	-
SCHEDULE This schedule rec the Commission. This information	SCHEDULE 5f: REPORT SUPPORTING COST ALLOCATIONS This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5d (Cost allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission. This information is part of audited disclosure information (as defined in section 1.4 of the 10 determination), and so is subject to the assurance report required by section 2.8.	S ating asset values tha determination), and	t are not directly at so is subject to the	ttributable, to suppor assurance report req	rt the information pr puired by section 2.8	rovided in Schedule 5	d (Cost allocations).	For Year Ended This schedule is not	required to be public	31 March 2014	ust be disclosed to
sch ref											
& & &	Have costs been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination?	Yes									
10					Allocator	Allocator Metric (%)		Value alloc	Value allocated (\$000)		
	Line Item*	Allocation methodology type	Cost allocator	Allocator type	Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000)
S	Service interruptions and emergencies										
	Not directly attributable								,		
>	Vegetation management										
	Not directly attributable							٠	*(
RC	Routine and corrective maintenance and inspection										
ě	Not directly attributable								0.5		
3											
	Not directly attributable							*			

558 660 667 70 70

S5f.Cost Allocation Support

SCF This sa disclo This ir	HEDUL schedule ra ssed to the nformatio	SCHEDULE 5g; REPORT SUPPORTING ASSET ALLOCATIONS This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule Se (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be 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.	15 ing asset values that etermination), and s	care not directly att o is subject to the a	ributable, to suppor ssurance report req	t are not directly attributable, to support the information proso is subject to the assurance report required by section 2.8.	vvided in Schedule Sc	e (Report on Asset Al	Company Name For Year Ended locations), This sche	edule is not required!	Electra Limited 31 March 2014 to be publicly disclos	sed, but must be
N 60 01		Have assets been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination?	Yes									
10						Allocator	Allocator Metric (%)		Value alloc	Value allocated (\$000)		
11		Line Rem*	Allocation methodology type	Allocator	Allocator type	Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (5000)
12	Subt	Subtransmission lines										
13												
15												
9												
N 0	N Y	Not directly attributable							•			
10	Subi	distinsticit capies										
20												
1												
22	N	Not directly attributable										
J 4	Zone	Zone substations										
5												
1 2												
78											r r	
<i>a</i> c	N N	Not directly attributable Distribution and I'V lines						0.*)	o •5		i	
31												
32												
6												
34	N	Not directly attributable								- (4)		
36	Distr	Distribution and LV cables										
2												
39 98												
40												
41	ž	Not directly attributable						•			•	

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Company Name For Year Ended llocations). This sche																		1,473				1,473	2777.1	1,4,1	
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ibutable, to su surance repol																		Causal							
ot directly attr ibject to the as																		Allocator 1							
ues that are m			1																-						
VS ting asset valu																		ACAM							
OCATION plied in allocal																									
SET ALL(ethodology app																							9	an one	
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SCHEDULE 5g; REPORT SUPPORTING ASSET ALLOCATIONS This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5e (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be 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.	Distribution substations and transformers				Not directly attributable	Distribution switchgear					Not directly attributable	ork assets					Not directly attributable in-network assets	Corporate & Governance				Not directly attributable	Aldebudiates alterative and an order to be an expension of the second se	service asset	* include additional rows if needed
SCHEDULE 5g: REI This schedule requires additio disclosed to the Commission, This information is part of auc	Distribution				Not direct	Distribution					Not direct.	Other network assets					Not directly attributa Non-network assets	Corpora				Not direct	botchinod	neigniaren	* Incluae adai.
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Company Name Electra Limited

For Year Ended 31 March 2014

Schedule 14 Mandatory Explanatory Notes

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012)

- 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 2.5.2.
- 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 clause 2.7.1(2).

Box 1: Explanatory comment on return on investment

Cost of debt assumption 2014 5.56%

Line charges price increase 2014: 10.1%

Avoided costs of transmission (second year of contract 2014) \$2,317k

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 regulatory line income' other than gains and losses on asset sales, as disclosed in 3(i) of Schedule 3
 - 5.2 information on reclassified items in accordance with clause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit

Material items included in 'other regulatory line income' for 2014 include the following:

Saturn cable \$99k

Metering reconciliation \$76k

Transmission rental rebate \$343k

Energy response (ENERNOC) \$70k

Accidents oncharged \$62k

Bad debts recovered \$3k

Non-technical loss reduction project (\$75k)

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 clause 2.7.1(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 or acquisition expenditure in the 2013/14 year.

There have been no reclassified items.

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 clause 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 following items, as recorded in the asterisked categories in 5a(i) of Schedule 5a-
 - 8.1 income not included in regulatory profit / (loss) before tax but taxable;

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

Box 5: Regulatory tax allowance: permanent differences

Income not included in regulatory profit / (loss) before tax but taxable

Interest received \$188k

IFRIC 18 income(vested assets) \$479k

Miscellaneous income \$82k

Loss on sale of investments (\$76k)

Managahao JV AC loss rental rebate \$187k

Expenditure or loss in regulatory profit / (loss) before tax but not deductible

\$3k

Income included in regulatory profit / (loss) before tax but not taxable

Opening RAB revaluation \$2,185k

Expenditure or loss deductible but not in regulatory profit / (loss) before tax

IRD Use of money interest \$3k

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

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

Box 6: Temporary differences / Tax effect of other temporary differences (current disclosure year) (\$61k) comprising of 28% of the following:

ACC (\$51k)

Doubtful debts (\$27k)

Employee entitlements (\$215k)

Acquistion costs (\$16k)

Retentions \$38k

WIP \$53k

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 clause 2.3.6(1)(b).

Box 7: Related party transactions

There were no related party transactions beyond those disclosed in schedule 5b.

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 clause 2.7.1(2).

Box 8: Cost allocation

Allocation of operating and pass through and recoverable costs made on the basis that 100% are attributable to electricity distribution services with the exception of Business Support.

There have been no reclassified items.

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 clause 2.7.1(2).

Box 9: Commentary on asset allocation

Directly attributable, network business assets; \$144 million;

All assets are directly attributable to regulated service with the exception of \$1.465 million non-network assets.

There have been no reclassified items.

Capital Expenditure for the Disclosure Year (Schedule 6a)

- 13. In the box below, comment on capital expenditure for the disclosure year, as disclosed in Schedule 6a. This comment must include
 - 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 clause 2.7.1(2),

Box 10: Explanation of capital expenditure for the disclosure year

Materiality threshold applied to identify material projects and programmes \$19k.

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 operating expenditure, as reported in 6b(i) of Schedule 6b;
 - 14.2 information on reclassified items in accordance with clause 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

There was no material atypical expenditure included in operational expenditure disclosed in Schedule 6b.

There have been no reclassified items.

Variance between forecast and actual expenditure (Schedule 7)

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 clause 2.7.1(2).Box 12: Explanatory comment on variance in actual to forecast expenditure All opex was budgeted for on the basis that our contracting arm would still be a standalone company so included profit margin of up to 33%. With the amalgamation of the contracting division into Electra this margin has been eliminated.

System growth - Actual \$58k Forecast \$1,000k

Lower Growth than previous forecast due to extended economic downturn has resulted in some growth projects being deferred as they have not yet met their trigger point criteria.

Asset replacement and renewal - Actual \$3,689k Forecast \$5,823k

Works programme not completed for the year and elimination of margin per above.

Quality of supply - Actual \$2,278k Forecast \$1,258k

Mangahao-Shannon underground cable project partly completed in 2012/13, \$1.5m deferred to 2013/14 FY. Redefinition of some projects from Quality to Reliability, see below.

Other reliability, safety and environment - Actual \$481k Forecast \$30

Redefinition of some projects from Quality to Reliability, see above.

Non-network capex - Actual \$807k Forecast \$1,098k

Land and buildings capex \$200k carried forward to 2014/15 FY to complete renovation of Electra corporate headquarters building located at 25 Bristol Street Levin.

Service interruptions and emergencies - Actual \$1,421k Forecast \$1,480k

Reduced outages for the year have resulted in improved SAIDI & SAIFI as well as reduced costs.

Vegetation management - Actual \$1,075k Forecast \$1,200k

Elimination of margin per above

Routine and corrective maintenance and inspection -Actual \$470k Forecast \$805k

Increased use of portable devices has reduced costs for data capture and post processing

Asset replacement and renewal - Actual \$1,986k Forecast \$1,210k

Redefinition of some projects from Quality to Reliability, see above.

System operations and network support –Actual \$349k Forecast \$1,874k

Margin reallocation

There have been no reclassified items.

Information relating to revenue and quantities for the disclosure year

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

Box 13: Explanatory comment relating to revenue for the disclosure year Total billed line charge revenue for 2014 \$35,458k (forecast \$35,444k)

Budgeted growth in units sold for the year was 0.2%. Actual units sold decreased by 2.8% from 2013 levels.

Network losses were over budget at 7.46% (budget 7%).

Network Reliability for the Disclosure Year (Schedule 10)

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

Box 14: Commentary on network reliability for the disclosure year

Reliability for the year was within expected levels for both SAIDI (target under 78) and SAIFI (target under 1.67).

The duration of outages was minimised with the continuing utilisation of generators wherever possible when carrying out planned maintenance.

The frequency of outages was reduced with a combination of no major adverse weather events during the year and the cumulative effects of the vegetation management programme with two tree crews in place full time for the past five years.

For the period 1 April 2013 to 31 March 2014 Electra Limited has not retained switching schedules that are used to confirm the ability of the company to collect and record the network reliability information required to be disclosed in Schedule 10.

Insurance cover

- 17. In the box below provide details of any insurance cover for the assets used to provide electricity distribution services, including-
 - 17.1 the EDB's approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;
 - 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

Electra Limited has material damage replacement value cover for Network assets to the following sums insured:

Buildings \$7,626k

Stock \$1,999k

Plant, computers & contents \$40,601k

The physical network outside of the substations is self insured as the cost of obtaining insurance cover for these network assets is deemed more expensive than the assessment of potential losses to Electra Limited.

Electra Limited has motor vehicle cover for all vehicles owned or used by Electra Limited up to the market value of the vehicle at the time of loss - maximum for any one vehicle (except as advised) \$250k.



INDEPENDENT AUDITOR'S REPORT TO THE BOARD OF DIRECTORS OF ELECTRA LIMITED AND TO THE COMMERCE COMMISSION

The Auditor-General is the auditor of Electra Limited (the company). The Auditor-General has appointed me, Trevor Deed, using the staff and resources of Deloitte, to provide an opinion, on her behalf, on whether Schedules 1 to 4, 5a to 5g, 6a and 6b, 7, the SAIDI and 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 2014, have been prepared, in all material respects, in accordance with the Electricity Distribution Disclosure Information Determination 2012 (the 'Determination').

Directors' responsibility for the Disclosure Information

The Board of 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.

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.

An audit involves performing procedures to obtain evidence about the amounts and disclosures in the Disclosure Information. The procedures selected depend on the auditor's 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, the auditor considers internal control relevant to the company's preparation of the Disclosure Information in order to design audit 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.

An audit also involves evaluating:

- 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 auditor's report has been prepared for the Board of Directors of the company and for the Commerce Commission for the purpose of providing those parties with independent audit 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 Board of 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.

Deloitte.

The opinion expressed in this independent auditor's report has been formed on the above basis.

Independence

When carrying out the engagement we followed the independence requirements of the Auditor-General, which incorporate the independence requirements of the External Reporting Board. We also complied with the independent auditor requirements specified in the Determination.

The Auditor-General, and her employees, and Deloitte and its partners and 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 annual audit of the company's financial statements and tax compliance assistance, we have no relationship with or interests in the company.

Basis for Qualified Opinion on the SAIDI and SAIFI information disclosed in Schedule 10

As described in Box 14 of Schedule 14, for the period 1 April 2013 to 31 March 2014 Electra Limited has not retained switching schedules that are used to confirm the ability of the company to collect and record the network reliability information as specified by the Determination and required to be disclosed in Schedule 10. Consequently there is no independent evidence available to support the completeness and accuracy of recorded faults and control over completeness and accuracy of interconnection point ('ICP') data included in the SAIDI and SAIFI calculations is limited throughout the year.

There are no practical audit procedures that we could adopt to confirm independently that all the faults and ICP data was properly recorded for the purposes of inclusion in the amounts relating to quality measures set out in Schedule 10. Because of the potential effect of the limitations described above, we are unable to form an opinion as to the completeness and accuracy of the data that forms the basis of the compilation of Schedule 10.

In these respects alone we have not obtained all the information and explanations that we have required.

Qualified Opinion

In our opinion, except for the matters described in the Basis for Qualified Opinion paragraph above:

- 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;
- 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 company has complied with the Determination, in all material respects, in preparing the Disclosure Information.

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

Trevor Deed Deloitte On behalf of the Auditor-General Wellington, New Zealand

Wellington, New Zealan 29 August 2014

CERTIFICATION FOR YEAR-END DISCLOSURES

(Pursuant to Clause 2.9.2 of Section 2.9) Commerce Act (Electricity Distribution Services Information Disclosure) Determination 2012)

We, Patricia Frances McKelvey and Neil Francis Mackay, being directors of Electra 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 and 2.3.2; and clauses 2.4.21 and 2.4.22; clauses 2.5.1 and 2.5.2; and clauses 2.7.1 and 2.7.2 of the Electricity Distribution Information Disclosure Determination 2012 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 Electra Limited's accounting records and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained; and

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.

Patricia Frances McKelvey – Director

29 August 2014

Neil Francis Mackay - Director

29 August 2014