COMMERCE COMMISSION NEW ZEALAND							
EDB Information Disclosure Requirements Information Templates for Schedules 1–10							
Company Name Disclosure Date Disclosure Year (year ended)	Electricity Ashburton Limited 12/07/2016 31/03/2016						
Templates for Schedules 1–10 excluding 5f–5g Template Version 4.1. Prepared 24 March 2015							

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Company Name	Electricity Ashburton Limited
For Year Ended	31/03/2016

SCHEDULE 1: ANALYTICAL RATIOS

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

	is information is part of audited disclosure information (as defined in section 1.	4 of the D determina	ition, and so is subj	ject to the assurance	e report required by	/ section 2.8.	
sch re							
7	1(i): Expenditure metrics	Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB- owned distribution transformers (\$/MVA)	
8 9	Operational expenditure	16,834	540	57,399	3,355	18,510	
10	Network	4,783	154	16,308	953	5,259	
11	Non-network	12,051	387	41,091	2,402	13,251	
12		,		,	_,		
13	Expenditure on assets	32,767	1,052	111,727	6,531	36,029	
14	Network	31,664	1,017	107,964	6,311	34,816	
15	Non-network	1,104	35	3,763	220	1,213	
16							
17 18	1(ii): Revenue metrics	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)				
19	Total consumer line charge revenue	67,795	2,177				
20	Standard consumer line charge revenue	67,795	2,177				
21	Non-standard consumer line charge revenue	-	-				
22 23 24	1(iii): Service intensity measures						
25	Demand density	58	Maximum coinci	dent system deman	d per km of circuit le	ength (for supply) (kW/k	
26	Volume density	199	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)				
27	Connection point density	6	Average number of ICPs per km of circuit length (for supply) (ICPs/km)				
28 29	Energy intensity	32,106	Total energy deli	vered to ICPs per av	erage number of IC	Ps (kWh/ICP)	
30 31	1(iv): Composition of regulatory income		(\$000)	% of revenue			
32	Operational expenditure		10,147	24.75%			
33	Pass-through and recoverable costs excluding financial incent	ives and wash-ups	7,648	18.66%			
34	Total depreciation		7,616	18.58%			
35	Total revaluations		1,324	3.23%			
36	Regulatory tax allowance		2,918	7.12%			
37	Regulatory profit/(loss) including financial incentives and wash-ups		13,992	34.13%			
38 39	Total regulatory income		40,997				
40 41	1(v): Reliability						

	Comp	oany Name		y Ashburton Li	mited
	For Y	rear Ended		31/03/2016	
SCHEDULI	E 2: REPORT ON RETURN ON INVESTMENT				
	equires information on the Return on Investment (ROI) for the EDB relative to the Commerce Co				
	ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect t	o. If an EDB make	s this election, info	rmation supporting	this calculation
nust be provide					
	ride explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes). n is part of audited disclosure information (as defined in section 1.4 of the ID determination), and	d so is subject to th	he assurance report	required by sectio	n 2 8
			ie assurance report	i required by seeno	
ref					
7 2(i): R	Return on Investment		CY-2	CY-1	Current Year CY
8			Mar-14	Mar-15	Mar-16
	ROI – comparable to a post tax WACC		%	%	%
0	Reflecting all revenue earned		7.42%	5.78%	5.71%
1	Excluding revenue earned from financial incentives	P	7.42%	5.78%	5.71%
2	Excluding revenue earned from financial incentives and wash-ups		7.42%	5.78%	5.71%
3					
4	Mid-point estimate of post tax WACC		5.43%	6.10%	5.37%
5	25th percentile estimate		4.71%	5.39%	4.66%
6	75th percentile estimate		6.14%	6.82%	6.09%
7					
8					
9	ROI – comparable to a vanilla WACC				
0	Reflecting all revenue earned		8.10%	6.56%	6.36%
1	Excluding revenue earned from financial incentives		8.10%	6.56%	6.36%
2	Excluding revenue earned from financial incentives and wash-ups		8.10%	6.56%	6.36%
3					
4	WACC rate used to set regulatory price path		8.77%	8.77%	7.19%
5					
6	Mid-point estimate of vanilla WACC		6.11%	6.89%	6.02%
7	25th percentile estimate		5.39%	6.17%	5.30%
8	75th percentile estimate		6.83%	7.60%	6.74%
9					
o 2(ii): I	Information Supporting the ROI			(\$000)	
1					
2	Total opening RAB value		226,349		
3 plu	us Opening deferred tax		(7,930)		
4 Opening	g RIV			218,419	
5			<u> </u>		
6 Line cha	arge revenue			40,865	
7					
8	Expenses cash outflow		17,795		
9 add	d Assets commissioned		17,848		
0 les	55 Asset disposals		647		
1 ada			1,443		
2 les	55 Other regulated income		132		
3 Mid-yea	ar net cash outflows			36,306	
4					
5 Term cr	edit spread differential allowance			—	
6			237,258		
	Total closing RAB value		(0)		
7			(0)		
7 8 les	Adjustment resulting from asset allocation Lost and found assets adjustment		-		
7 8 les. 9 les. 0 plu	ss Adjustment resulting from asset allocation ss Lost and found assets adjustment ss Closing deferred tax				
9 les	ss Adjustment resulting from asset allocation ss Lost and found assets adjustment ss Closing deferred tax		-	227,853	
7 8 les 9 les 0 plu 1 Closing 2	ss Adjustment resulting from asset allocation ss Lost and found assets adjustment ss Closing deferred tax		-	227,853	
7 8 les 9 les 0 plu 1 Closing 2	ss Adjustment resulting from asset allocation ss Lost and found assets adjustment ss Closing deferred tax		-	227,853	6.36%
7 8 les 9 les 0 plu 1 Closing 2	ss Adjustment resulting from asset allocation ss Lost and found assets adjustment sc Closing deferred tax RIV		-	227,853	6.36%
7 8 les 9 les 0 plu 1 Closing 3 1 4 5	ss Adjustment resulting from asset allocation Lost and found assets adjustment Closing deferred tax RIV ROI – comparable to a vanilla WACC Leverage (%)		-	227,853	44%
7 8 les 9 les 0 plu 1 Closing 3 4 5 6	ss Adjustment resulting from asset allocation Lost and found assets adjustment closing deferred tax RIV ROI - comparable to a vanilla WACC Leverage (%) Cost of debt assumption (%)		-	227,853	44% 5.26%
7 8 les 9 les 0 plu 1 Closing 3 4 5 6 7	ss Adjustment resulting from asset allocation Lost and found assets adjustment Closing deferred tax RIV ROI – comparable to a vanilla WACC Leverage (%)		-	227,853	6.36% 44% 5.26% 28%
7 8 les 9 les 0 plu 1 Closing 3 4 5 6	ss Adjustment resulting from asset allocation Lost and found assets adjustment closing deferred tax RIV ROI - comparable to a vanilla WACC Leverage (%) Cost of debt assumption (%)		-	227,853	44% 5.26%

				F							
Company Name Electricity Ashburton Limited For Year Ended 31/03/2016											
SCHEDULE 2: REPORT ON RETURN ON INVESTMENT											
This calo mu EDE	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 rej 61 62	f 2(iii): Information Supporting t	he Monthly ROI									
63 64	Opening RIV					I	218,419				
65		Line charge	Expenses cash	Assets	Asset	Other regulated	Monthly net cash				
66 67	April	revenue 3,016	outflow 1,356	commissioned 13	disposals	income (1)	outflows 1,318				
68	Мау	3,119	1,489	87	52	(6)	1,518				
69	June	3,129	1,675	492	54	(7)	2,120				
70	July	3,365	1,436	19	52	15	1,387				
71	August	3,705	1,418	1,429	52	(5)	2,800				
72	September	3,655	1,463	3,780	59	(10)	5,194				
73 74	October November	3,654	1,438 1,464	945 3,618	52 52	(15)	2,346 4,995				
75	December	3,784	1,508	1,096	52	33	2,519				
76	January	3,337	1,378	2,875	52	79	4,122				
77	February	3,130	1,383	3,494	52	(8)	4,833				
78	March	3,387	1,787	-	66	21	1,700				
79 80	Total	40,865	17,795	17,848	647	132	34,864				
80 81	Tax payments						1,443				
82							2,110				
83	Term credit spread differential all	lowance					-				
84						-					
85	Closing RIV						227,853				
86 87											
88	Monthly ROI – comparable to a vani	illa WACC					6.42%				
89	,										
90	Monthly ROI – comparable to a post	tax WACC					5.77%				
91 92	2(iv): Year-End ROI Rates for Co	omparison Purposes				-					
93 94	Year-end ROI – comparable to a van	illa WACC					6.15%				
95 96	Year-end ROI – comparable to a pos	t tax WACC					5.51%				
97			2012 / 1	522							
98 99	* these year-end ROI values are comp		pre 2012 disclosures by	EDBS and ao not repr	esent the Commiss	ion's current view on	KUI.				
100 101	2(v): Financial Incentives and V	Vash-Ups									
101	Net recoverable costs allowed unc	ler incremental rolling incention	ve scheme		1	-					
103	Purchased assets – avoided transn										
104	Energy efficiency and demand inco	entive allowance									
105	Quality incentive adjustment				-						
106	Other financial incentives Financial incentives				L						
107 108	Financial incentives					l					
109	Impact of financial incentives on RO	ı				1	-				
110						•					
111	Input methodology claw-back										
112	Recoverable customised price-qua	lity path costs									
113 114	Catastrophic event allowance Capex wash-up adjustment										
114 115	Transmission asset wash-up adjust	tment									
116	2013–2015 NPV wash-up allowand										
117	Reconsideration event allowance				-						
118	Other wash-ups										
119	Wash-up costs						-				
120 121	Impact of wash-up costs on ROI						-				

Company Name For Year Ended Electricity Ashburton 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 all sections and provide exp their regulatory profit in Schedule 14 (Mandatory Kohes). 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 sch ref 3(i): Regulatory Profit 8 Income 9 Line charge revenue 10 plus 11 plus Operational expenditure 12 Income Line charge revenue 10 plus Operational expenditure 12 less Operational expenditure 15 less 17 less 18 Operating surplus / (deficit) 20 plus Total regulatory profit / (loss) before tax 21 less Total depreciation 22 glus Total revaluations 23 plus Total dep	anatory comment on
SCHEDULE 3: REPORT ON REGULATORY PROFIT This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide exp their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by sch ref 2 3(i): Regulatory Profit 8 Line charge revenue 10 plus 11 plus 12 Other regulated income (other than gains / (losses) on asset disposals) 12 Total regulatory income 13 Total regulatory and recoverable costs excluding financial incentives and wash-ups 14 Expenses 15 less 16 Operational expenditure 17 less 18 Operation surplus / (deficit) 20 It cols before tax 21 less 22 less 23 plus 24 Regulatory profit / (loss) before tax 25 Regulatory profit / (loss) before tax	anatory comment on section 2.8. (\$000) 40,865 (634) 766 40,997 10,147
SCHEDULE 3: REPORT ON REGULATORY PROFIT This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide exp their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by sch ref 7 3(i): Regulatory Profit 8 Income 9 Line charge revenue 10 plus Gains / (losses) on asset disposals 11 plus Gains / (losses) on asset disposals 12 Total regulatory income 12 Expenses 13 Colser and recoverable costs excluding financial incentives and wash-ups 14 Expenses 15 less 16 Income 17 Pass-through and recoverable costs excluding financial incentives and wash-ups 18 Operating surplus / (deficit) 20 Income 21 less 22 Regulatory profit / (loss) before tax 23 plus Total revaluations 24 Ress Term credit spread d	section 2.8. (\$000) 40,865 (634) 766 40,997 10,147
This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explainatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by schref 7 3(i): Regulatory Profit 8 income 9 Line charge revenue 10 plus 11 plus 12 Other regulatory income 13 Total regulatory income 14 Expenses 15 less 16 Operational expenditure 16 income 17 less 18 Operational expenditure 16 incess 17 less 18 Operational expenditure 19 Operating surplus / (deficit) 20 zess 21 less 22 Total revaluations 23 plus 24 Total revaluations 25 Regulatory profit / (loss) before tax 26 <	section 2.8. (\$000) 40,865 (634) 766 40,997 10,147
3(i): Regulatory Profit Income Une charge revenue plus Gains / (losses) on asset disposals plus Other regulated income (other than gains / (losses) on asset disposals) rotal regulatory income texpenses less Operational expenditure less Pass-through and recoverable costs excluding financial incentives and wash-ups plus Total depreciation plus Total revaluations plus Total revaluations ress Term credit spread differential allowance	40,865 (634) 766 40,997 10,147
8 income 9 Line charge revenue 10 plus Gains / (losses) on asset disposals 11 plus Other regulated income (other than gains / (losses) on asset disposals) 12 11 13 Total regulatory income 14 Expenses 15 less 16 plus 17 Pass-through and recoverable costs excluding financial incentives and wash-ups 18 0perating surplus / (deficit) 19 Operating surplus / (deficit) 20 Image: Total revaluations 21 less Total revaluations 22 plus Total revaluations 23 plus Total revaluations 24 less Total revaluations 25 Regulatory profit / (loss) before tax 26 Term credit spread differential allowance	40,865 (634) 766 40,997 10,147
8 Income 9 Line charge revenue 10 plus Gains / (losses) on asset disposals 11 plus Other regulated income (other than gains / (losses) on asset disposals) 12 1 13 Total regulatory income 14 Expenses 15 less 16	40,865 (634) 766 40,997 10,147
9 Line charge revenue 10 plus Gains / (losses) on asset disposals 11 plus Other regulated income (other than gains / (losses) on asset disposals) 12 13 13 Total regulatory income 14 Expenses 15 less 0 Operational expenditure 16	(634) 766 40,997 10,147
plus Gains / (losses) on asset disposals plus Other regulated income (other than gains / (losses) on asset disposals) 12 Total regulatory income 13 Total regulatory income 14 Expenses 15 less 16 Operational expenditure 17 less 18 Operating surplus / (deficit) 20 Image: Construction of the regulatory profit / (loss) before tax 23 plus Total revaluations 24 Expenses 25 Regulatory profit / (loss) before tax 26 Image: Construction of the revaluations 26 Image: Construction of the revaluations 27 less Term credit spread differential allowance	(634) 766 40,997 10,147
11 plus Other regulated income (other than gains / (losses) on asset disposals) 12 Total regulatory income 13 Total regulatory income 14 Expenses 15 less Operational expenditure 16	766 40,997 10,147
12 Total regulatory income 13 Total regulatory income 14 Expenses 15 less 16	40,997
14 Expenses 15 less 16	10,147
15 less Operational expenditure 16	
16 less Pass-through and recoverable costs excluding financial incentives and wash-ups 18 0 Operating surplus / (deficit) 20 1 less Total depreciation 22 23 plus Total revaluations 24 25 Regulatory profit / (loss) before tax 26 27 less Term credit spread differential allowance	
17 less Pass-through and recoverable costs excluding financial incentives and wash-ups 18	7,648
18 19 20 21 23 24 25 26 27 28 29 20 21 100 22 23 24 25 Regulatory profit / (loss) before tax 26 27	7,648
19 Operating surplus / (deficit) 20	
20 21 23 24 25 Regulatory profit / (loss) before tax 26 27 less Term credit spread differential allowance	
21 less Total depreciation 22	23,202
22 23 plus 24 25 26 27 28 29 Term credit spread differential allowance	
24	7,616
25 Regulatory profit / (loss) before tax 26 27 less Term credit spread differential allowance	1,324
26 27 less Term credit spread differential allowance	
27 less Term credit spread differential allowance	16,910
20	-
28	
29 less Regulatory tax allowance	2,918
30	
31 Regulatory profit/(loss) including financial incentives and wash-ups	13,992
32	
33 3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	\$000)
34 Pass through costs	<u> </u>
35 Rates 17	2
36 Commerce Act levies 7	8
37 Industry levies 10	<u>6</u>
38 CPP specified pass through costs	
39 Recoverable costs excluding financial incentives and wash-ups	
40 Electricity lines service charge payable to Transpower 4,50	
41 Transpower new investment contract charges 1,26	1
42 System operator services	
43 Distributed generation allowance 1,51 44 Extended encourse lifeware 1,51	
44 Extended reserves allowance - 45 Other recoverable costs excluding financial incentives and wash-ups -	3
45 Other recoverable costs excluding financial incentives and wash-ups 46 Pass-through and recoverable costs excluding financial incentives and wash-ups	
46 Pass-through and recoverable costs excluding financial incentives and wash-ups 47	3 8 7,648

		Company Name Ele	ctricity Ashburton	Limited
		For Year Ended	31/03/2016	
	SCHEDULE 3: REE	ORT ON REGULATORY PROFIT		
		mation on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all se	ctions and provide expla	natory comment on
		edule 14 (Mandatory Explanatory Notes).		,,
-	This information is part of a	udited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assura	ance report required by s	ection 2.8.
sch	ref			
48	3(iii): Increm	ental Rolling Incentive Scheme	(\$	000)
4			CY-1	СҮ
50)		42094	42460
5	Allowed o	ontrollable opex		
52		trollable opex		
53				
54 55		al change in year		
5:	,			
			Previous years'	Previous years' incremental
			incremental	change adjusted
50	5		change	for inflation
5	7 CY-5	40633		
58	3 CY-4	40999		
5	9 CY-3	41364		
60		41729		
6		42094		
62		ental rolling incentive scheme		-
63				
64	Net recover	able costs allowed under incremental rolling incentive scheme		
6	3(iv): Merger a	nd Acquisition Expenditure		
70)			(\$000)
60	5 Merger ar	d acquisition expenditure		_
6	7			
		mmentary on the benefits of merger and acquisition expenditure to the electricity distribution business, includi	ng required disclosures in	accordance with
68	3 section 2.	7, in Schedule 14 (Mandatory Explanatory Notes)		
6	3(v): Other Dis	closures		
70				(\$000)
7		ance allowance		-

EDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (RC			ompany Name or Year Ended		Ashburton Lir 1/03/2016	inteu
edule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this di: ust provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). d by section 2.8.	closure year. This informs the ROI calculation in Schedul		on 1.4 of the ID deter	mination), and so is s	subject to the assura	ance report
4(i): Regulatory Asset Base Value (Rolled Forward)	for year ended	RAB 2012	RAB 2013	RAB 2014	RAB 2015	RAB 2016
Total opening RAB value	C	(\$000) 183,644	(\$000) 190,501	(\$000) 207,829	(\$000) 220,521	(\$000) 226
less Total depreciation	Ε	7,157	6,655	6,958	7,375	7,
plus Total revaluations	C	2,849	1,621	3,159	184	1,
plus Assets commissioned	Ε	12,490	23,974	19,136	13,834	17,
less Asset disposals	[1,325	1,610	1,614	815	
plus Lost and found assets adjustment	L	_	_	-	_	
plus Adjustment resulting from asset allocation Total closing RAB value	L	- 190,501	(2)	(1,031)	(0)	237
4(ii): Unallocated Regulatory Asset Base			Unallocated (\$000)	(\$000)	RAB (\$000)	(\$000)
Total opening RAB value less Total depreciation				227,355 7,640		226
plus Total revaluations				1,330		1,
plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party		F	2,847	E	2,847	
Assets commissioned			15,001	17,848	15,001	17
Asset disposals (other than below) Asset disposals to a regulated supplier Asset disposals to a related party Asset disposals		E	647 _ _	647	647 _ _	
plus Lost and found assets adjustment				-		
<i>plus</i> Adjustment resulting from asset allocation Total closing RAB value			-	238,246	-	237,

		Company Name	Electric	ity Ashburton	Limited
		For Year Ended		31/03/2016	
S	CHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)				
	is 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.				
	Bes 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 s	ection 1.4 of the ID det	ermination), and so	is subject to the ass	urance report
rec	quired by section 2.8.				
sch re					
51					
51					
52	4(iii): Calculation of Revaluation Rate and Revaluation of Assets				
53					
54					1,200
55	CPI4-4				1,193
56	Revaluation rate (%)				0.59%
57					
58		Unallocat			AB
59		(\$000)	(\$000)	(\$000)	(\$000)
60		227,355		226,349	
61	less Opening value of fully depreciated, disposed and lost assets	742		742	
62 63	Total opening RAB value subject to revaluation	226,614		225,607	Î
64		220,014	1,330	225,007	1,324
65			2,550		2,521
66	4(iv): Roll Forward of Works Under Construction				
		Unallocated	works under		
67		constru		Allocated works u	nder construction
68			1,698		1,698
69	plus Capital expenditure	18,458		18,458	
70	less Assets commissioned	17,848		17,848	
71					
72	Works under construction - current disclosure year		2,308		2,308
73					
74					
75					

									(Company Name	Electric	ity Ashburton L	imited
										For Year Ended		31/03/2016	
	SCHE		4: REPORT ON VALUE OF THE RE		SSET BASE		WARD)						
	This sch EDBs mu	edule requi	ires information on the calculation of the Regulator explanatory comment on the value of their RAB in	y Asset Base (RAB) va	lue to the end of th	is disclosure year. T	his informs the ROI (ion 1.4 of the ID de	termination), and so	is subject to the assi	urance report
SCH													
,	6	4(v): Reg	gulatory Depreciation										
	77									Unallocat		RA	
	78								F	(\$000)	(\$000)	(\$000)	(\$000)
	79 30		Depreciation - standard Depreciation - no standard life assets						-	6,838 803		6,814 802	
	81		Depreciation - modified life assets						-	-		- 002	
	32		Depreciation - alternative depreciation in accordar	nce with CPP					-	-		-	
	33	Т	otal depreciation						-		7,640		7,616
٤	34												
	35 4		sclosure of Changes to Depreciation	Profiles						(\$000.	unless otherwise spe	cified)	
6		+(vi). Dis	sciosare of changes to Depreciation	Fromes						(\$000)	uniess otherwise spe	cineu)	
												Closing RAB value	
											Depreciation	under 'non-	Closing RAB value
	20		A				Deer				charge for the period (RAB)	standard' depreciation	under 'standard'
	86 87		Asset or assets with changes to depreciation*				Reas	on for non-standard	depreciation (text e	intry)	period (KAB)	depreciation	depreciation
	38												
	39												
9	90												
	91												
	92												
	93 94												
	95		* include additional rows if needed				L					1	J
		4(vii): Di	sclosure by Asset Category										
9	97							(\$000 unless oth	erwise specified) Distribution				
				Subtransmission	Subtransmission		Distribution and	Distribution and	substations and	Distribution	Other network	Non-network	
9	98			lines	cables	Zone substations	LV lines	LV cables	transformers	switchgear	assets	assets	Total
	99		otal opening RAB value	12,452	899	17,210	46,184	51,614	37,801	43,979	1,206	15,005	226,349
	00		Total depreciation	409 73	27	555 101	1,639 270	1,256	1,577 281	1,205 196	66	880 88	7,616 1,324
10)1)2	plus	Total revaluations Assets commissioned	73	-	101	1.948	302 3,612	281 7,488	196	/ 84	88 777	1,324 17,848
)2)3	plus less	Asset disposals	0	- 1	- 1,241	1,948	3,612	106	317	-	18	647
10		plus	Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
10	05	, plus	Adjustment resulting from asset allocation	-	-	Ι	-	-	-	-	-	-	_
	06		Asset category transfers	-	-	-	-	-	10,256	(10,256)	-	-	-
10		Т	otal closing RAB value	12,830	875	17,996	46,626	54,205	54,143	34,382	1,230	14,971	237,258
	08												
	19 10	A	sset Life Weighted average remaining asset life	34.5	36.1	32.4	31.9	44.8	35.1	30.7	12.1	23.4	(vears)
	10		Weighted average expected total asset life	45.4	54.8	45.8	46.2	55.0	42.5	30.7	12.1	23.4	(years) (years)
1			o the state of the	13.4	5 %0	.5.0	1012	55.0	.2.0	55.0	2.116	2012	() ()

					,
		Company Na	me E	lectricity Ashbur	ton Limited
		For Year End	ded	31/03/20	016
SC	HEDULE	5a: REPORT ON REGULATORY TAX ALLOWANCE			
prof	it). EDBs must	ires information on the calculation of the regulatory tax allowance. This information is used to calcula provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Manc part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is su	datory Expla	natory Notes).	
7	5a(i): Re	egulatory Tax Allowance			(\$000)
8		Regulatory profit / (loss) before tax			16,910
9					10,510
10	plus	Income not included in regulatory profit / (loss) before tax but taxable		188	*
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible		634	*
12		Amortisation of initial differences in asset values		2,193	
13		Amortisation of revaluations		494	
14					3,508
15				·	
16	less	Total revaluations		1,324	
17		Income included in regulatory profit / (loss) before tax but not taxable		-	*
18		Discretionary discounts and customer rebates		3,473	
19		Expenditure or loss deductible but not in regulatory profit / (loss) before tax		273	*
20		Notional deductible interest		4,927	
21					9,997
22		New diskey where black a second			10 424
23 24	'	Regulatory taxable income			10,421
24 25	less	Utilised tax losses			
26	1033	Regulatory net taxable income			10,421
27					10,421
28		Corporate tax rate (%)		28%	
29		Regulatory tax allowance			2,918
30					
31	* Work	ings to be provided in Schedule 14			
32	5a(ii): D	isclosure of Permanent Differences			
33		In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked catego	ries in Sche	dule 5a(i).	
34	5a(iii): 4	Amortisation of Initial Difference in Asset Values			(\$000)
35					
36		Opening unamortised initial differences in asset values		68,042	
37	less	Amortisation of initial differences in asset values		2,193	
38	plus	Adjustment for unamortised initial differences in assets acquired		_	
39	less	Adjustment for unamortised initial differences in assets disposed		269	
40		Closing unamortised initial differences in asset values			65,581
41					
42		Opening weighted average remaining useful life of relevant assets (years)			31
43					

		г		
		Company Name	Electricity Ashburto	
		For Year Ended	31/03/201	6
This pro	schedule requ fit). EDBs mus	5a: REPORT ON REGULATORY TAX ALLOWANCE irres information on the calculation of the regulatory tax allowance. This information is used to calculate reg t provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory s part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject	Explanatory Notes).	
ch rej	f			
44	5a(iv): /	Amortisation of Revaluations		(\$000)
45 46		Opening sum of RAB values without revaluations	213,873	
40		Opening sum of two values without revaluations	213,873	
48		Adjusted depreciation	7,122	
49		Total depreciation	7,616	
50		Amortisation of revaluations		494
51	- () -			(1)
52	5a(v): F	econciliation of Tax Losses		(\$000)
53				
54 55	plus	Opening tax losses Current period tax losses	-	
55 56	pius Iess	Utilised tax losses		
57		Closing tax losses		-
58	5a(vi): (Calculation of Deferred Tax Balance		(\$000)
59 60			(7.020)	
60 61		Opening deferred tax	(7,930)	
62	plus	Tax effect of adjusted depreciation	1,994	
63	<i>p</i>			
64	less	Tax effect of tax depreciation	2,919	
65				
66	plus	Tax effect of other temporary differences*	48	
67 67	1		C14	
68 69	less	Tax effect of amortisation of initial differences in asset values	614	
70	plus	Deferred tax balance relating to assets acquired in the disclosure year	-	
71				
72	less	Deferred tax balance relating to assets disposed in the disclosure year	(16)	
73				
74 75	plus	Deferred tax cost allocation adjustment	0	
76		Closing deferred tax	Г	(9,405)
			-	(-,,
77				
78	5a(vii):	Disclosure of Temporary Differences		
70		In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in the asterisk	hedule 5a(vi) (Tax effect of ot	ther temporary
79 80		differences).		
81	5a(viii):	Regulatory Tax Asset Base Roll-Forward		
82	(,-			(\$000)
83		Opening sum of regulatory tax asset values	117,226	
84	less	Tax depreciation	10,424	
85	plus	Regulatory tax asset value of assets commissioned	17,848	
86	less	Regulatory tax asset value of asset disposals	272	
87 00	plus	Lost and found assets adjustment	-	
88 89	plus plus	Adjustment resulting from asset allocation Other adjustments to the RAB tax value		
89 90		Closing sum of regulatory tax asset values		124,378

	Company Name	Electricity Ashburton Limited								
	For Year Ended	31/03/2016								
LE 5b: REPORT ON RELATED I	PARTY TRANSACTIONS									
provides information on the valuation of relate	d party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID dete	rmination.								
on is part of audited disclosure information (as	defined in section 1.4 of the ID determination), and so is subject to the assura	nce report required by section 2.8.								
Summary—Related Party Transa	ctions (\$00	0)								
Total regulatory income		·								
Operational expenditure		2,867								
Capital expenditure		18,458								
Market value of asset disposals										
Other related party transactions										
Entities Involved in Related Part	y Transactions									
Name of related party		Related party relationship								
Ashburton District Council	Significant Shareholder									
Ashburton Contracting Limited	A subsidiary of Ashburton District Council									
EA Networks Contracting	Contracting arm of EA Networks									
EA Networks Fibre	Fibre Arm of EA Networks									
		FIDE ALM OF EA NETWORKS								
* include additional rows if needed : Related Party Transactions										
* include additional rows if needed	Related party	Value of transaction								
* include additional rows if needed : Related Party Transactions Name of related party		transaction (\$000) Basis for determinin								
* include additional rows if needed Related Party Transactions Name of related party Ashburton District Council	Related party transaction type Description of transaction Opex Rates	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a)								
* include additional rows if needed : Related Party Transactions Name of related party	Related party transaction type Description of transaction Opex Rates Opex Sundry Items	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a)								
* include additional rows if needed Related Party Transactions Name of related party Ashburton District Council Ashburton District Council	Related party transaction type Description of transaction Opex Rates Opex Sundry Items [Select one]	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) (Select one) [Select one]								
* include additional rows if needed Related Party Transactions Name of related party Ashburton District Council	Related party Description of transaction transaction type Description of transaction Opex Rates Opex Sundry Items [Select one]	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) (Select one) [Select one] 753 ID clause 2.3.6(1)(f)								
* include additional rows if needed : Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre	Related party transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Opex Opex Communication network - use of system rental [Select one] Opex	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) (Select one) [Select one] 753 ID clause 2.3.6(1)(f) [Select one] [Select one]								
* include additional rows if needed Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting	Related party Description of transaction transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Opex Opex Communication network - use of system rental [Select one] Opex Opex Maintenance of Distribution System	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) (Select one) [Select one] 753 ID clause 2.3.6(1)(f) (Select one) [Select one] 919 ID clause 2.3.6(1)(b)								
* include additional rows if needed Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting EA Networks Contracting	Related party Description of transaction transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Opex Opex Communication network - use of system rental [Select one] Opex Opex Maintenance of Distribution System Opex Non-network Maintenance	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 24 ID clause 2.3.6(1)(a) 25 ID clause 2.3.6(1)(a) 26 [Select one] 29 ID clause 2.3.6(1)(b) 29 ID clause 2.3.6(1)(b) 20 ID clause 2.3.6(1)(a)								
* include additional rows if needed Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting EA Networks Contracting EA Networks Contracting EA Networks Contracting	Related party Description of transaction transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Opex Opex Communication network - use of system rental [Select one] Opex Opex Maintenance of Distribution System Opex Non-network Maintenance Opex Fault Maintenance	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 24 ID clause 2.3.6(1)(a) 25 ID clause 2.3.6(1)(b) 26 919 27 ID clause 2.3.6(1)(b) 28 ID clause 2.3.6(1)(a) 29 ID clause 2.3.6(1)(a) 20 ID clause 2.3.6(1)(a)								
* include additional rows if needed : Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting EA Networks Contracting EA Networks Contracting EA Networks Contracting EA Networks Contracting	Related party Description of transaction transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Sundry Items Opex Communication network - use of system rental [Select one] Opex Opex Maintenance of Distribution System Opex Non-network Maintenance Opex Fault Maintenance Opex Fault Maintenance Capex Construction of RAB Assets	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 24 Select one] 253 ID clause 2.3.6(1)(f) 26 Select one] 29 ID clause 2.3.6(1)(b) 20 ID clause 2.3.6(1)(b) 21 ID clause 2.3.6(1)(a) 20 ID clause 2.3.6(1)(b) 20 ID clause 2.3.6(1)(b) 20 ID clause 2.3.6(1)(b)								
* include additional rows if needed Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting EA Networks Contracting EA Networks Contracting EA Networks Contracting	Related party Description of transaction transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Sundry Items Opex Communication network - use of system rental [Select one] Opex Opex Maintenance of Distribution System Opex Non-network Maintenance Opex Fault Maintenance Opex Fault Maintenance Opex Construction of RAB Assets Opex Tree Management	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 253 ID clause 2.3.6(1)(a) 753 ID clause 2.3.6(1)(f) 919 ID clause 2.3.6(1)(b) 127 ID clause 2.3.6(1)(a) 609 ID clause 2.3.6(1)(b) 17,577 IM clause 2.2.11(5)(b)(i) 180 ID clause 2.3.6(1)(b)								
include additional rows if needed Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting	Related party transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Opex Communication network - use of system rental [Select one] Opex Maintenance of Distribution System Opex Non-network Maintenance Opex Fault Maintenance Opex Construction of RAB Assets Opex Tree Management [Select one]	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 253 ID clause 2.3.6(1)(a) 753 ID clause 2.3.6(1)(f) 919 ID clause 2.3.6(1)(b) 127 ID clause 2.3.6(1)(a) 609 ID clause 2.3.6(1)(b) 17,577 IM clause 2.2.11(5)(b)(i) 180 ID clause 2.3.6(1)(b) [Select one] [Select one]								
* include additional rows if needed : Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting EA Netw	Related party transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Opex Communication network - use of system rental [Select one] Opex Maintenance of Distribution System Opex Non-network Maintenance Opex Fault Maintenance Opex Fault Maintenance Opex Tree Management [Select one] Opex Tree Management [Select one] Opex Maintenance of Distribution System	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 753 ID clause 2.3.6(1)(f) 753 ID clause 2.3.6(1)(f) 919 ID clause 2.3.6(1)(b) 127 ID clause 2.3.6(1)(a) 609 ID clause 2.3.6(1)(b) 17,577 IM clause 2.2.11(5)(b)(i) 180 ID clause 2.3.6(1)(b) 20 ID clause 2.3.6(1)(c)(i)								
* include additional rows if needed : Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting EA Netw	Related party transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Sundry Items Opex Communication network - use of system rental [Select one] Opex Opex Maintenance of Distribution System Opex Non-network Maintenance Opex Fault Maintenance Opex Fault Maintenance Opex Tree Management [Select one] Opex Opex Maintenance of Distribution System Opex Tree Management [Select one] Opex Opex Maintenance of Distribution System Opex Non-network Maintenance	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 753 ID clause 2.3.6(1)(f) 753 ID clause 2.3.6(1)(f) 919 ID clause 2.3.6(1)(b) 127 ID clause 2.3.6(1)(a) 609 ID clause 2.3.6(1)(b) 17,577 IM clause 2.2.11(5)(b)(i) 180 ID clause 2.3.6(1)(b) 20 ID clause 2.3.6(1)(c)(i) 7 ID clause 2.3.6(1)(c)(i)								
* include additional rows if needed : Related Party Transactions Name of related party Ashburton District Council Ashburton District Council EA Network Fibre EA Networks Contracting EA Netw	Related party transaction type Description of transaction Opex Rates Opex Sundry Items [Select one] Opex Communication network - use of system rental [Select one] Opex Maintenance of Distribution System Opex Non-network Maintenance Opex Fault Maintenance Opex Fault Maintenance Opex Tree Management [Select one] Opex Tree Management [Select one] Opex Maintenance of Distribution System	transaction (\$000) Basis for determinin 229 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 23 ID clause 2.3.6(1)(a) 753 ID clause 2.3.6(1)(f) 753 ID clause 2.3.6(1)(f) 919 ID clause 2.3.6(1)(b) 127 ID clause 2.3.6(1)(a) 609 ID clause 2.3.6(1)(b) 17,577 IM clause 2.2.11(5)(b)(i) 180 ID clause 2.3.6(1)(b) 20 ID clause 2.3.6(1)(c)(i)								

								Company Name	Electric	ity Ashburton l	.imited		
			For Year Ended		31/03/2016								
	SC	HEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFE	RENTIAL ALLOV	VANCE									
	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 I	D determination), and so	o is subject to the as	surance report requir	ed by section 2.8.							
so	h ref												
	7												
	8	5c(i): Qualifying Debt (may be Commission only)											
	9												
								Book value at date		Cost of executing			
	10	Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	of financial statements (NZD)	Term Credit	an interest rate swap	Debt issue cost readjustment		
	11		issue date	Filling date	yearsy	coupon rate (%)		statements (N2D)	Spread Difference	swap	reaujustment		
	12												
	13												
	14												
	15 16	* include additional rows if needed						_	_	_			
	17	include dualitorial rows if needed											
	18	5c(ii): Attribution of Term Credit Spread Differential											
	19												
	20	Gross term credit spread differential			_								
	21				1								
	22 23	Total book value of interest bearing debt Leverage		44%									
	24	Average opening and closing RAB values		4470									
	25	Attribution Rate (%)			-								
	26												
	27	Term credit spread differential allowance											

			Company Name	Electri	city Ashburton	Limited
			For Year Ended		31/03/2016	
	SCHEDULE 5d: REPORT ON COST ALLOCATIONS					
	his schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in	n Schedule 14 (Manda	tony Explanatory Note	as) including on the	impact of any reclass	sifications
	his information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance			es), meluunig on the	impact of any reclas.	incacions.
sch i	ref					
7	5d(i): Operating Cost Allocations					
			Mala alla a			
8			Value alloca Electricity	Non-electricity		
		Arm's length	distribution	distribution		OVABAA allocation
9		deduction	services	services	Total	increase (\$000s)
10	Service interruptions and emergencies					
11	I Directly attributable		895			
12	2 Not directly attributable	-	-	-	-	-
13	3 Total attributable to regulated service		895			
14	Vegetation management					
15	5 Directly attributable		438			
16		-	-	-	-	-
17	7 Total attributable to regulated service		438			
18	Routine and corrective maintenance and inspection					
19			619		n	
20		-	-	-	-	-
21			619			
22						
23		r	931			
24		-	-	-	-	-
25			931			
26						
27			3,505	-		
28				-	-	
29 30			3,505			
30			3,759			
32		-	-	-	-	- 1
33			3,759			<u> </u>
34						
35			10,147			
36		-	-	-	-	-
37			10,147			
38						

			Company Name	Electricity Ashburton Limited
			For Year Ended	31/03/2016
S	CHEDULE 5d: REPORT ON COST ALLOCATIO	NS		
	s schedule provides information on the allocation of operational costs		st allocation in Schedule 14 (Mandatory Explanatory Notes), ir	cluding on the impact of any reclassifications.
	s information is part of audited disclosure information (as defined in s			
aab xa	¢			
sch rej				
39	5d(ii): Other Cost Allocations			
			(4000)	
40	Pass through and recoverable costs		(\$000)	
41	Pass through costs			
42	Directly attributable		356	
43	Not directly attributable		-	
44	Total attributable to regulated service		356	
45	Recoverable costs			
46	Directly attributable		7,292	
47	Not directly attributable		-	
48	Total attributable to regulated service		7,292	
49				
50	5d(iii): Changes in Cost Allocations* †			
51				(\$000)
52	Change in cost allocation 1			CY-1 Current Year (CY)
53	Cost category		Original allocation	
54	Original allocator or line items		New allocation	
55	New allocator or line items		Difference	
56				
57	Rationale for change			
58				
59				
60				(\$000)
61	Change in cost allocation 2			CY-1 Current Year (CY)
62	Cost category		Original allocation	
63	Original allocator or line items		New allocation	
64	New allocator or line items		Difference	
65 66	Patianalo for change			
67	Rationale for change			
68				
69				(\$000)
70	Change in cost allocation 3			CY-1 Current Year (CY)
71	Cost category		Original allocation	
72	Original allocator or line items		New allocation	
73	New allocator or line items		Difference	
74				
75	Rationale for change			
76				
77				
78	* a change in cost allocation must be completed for each cost allo	ator change that has occurred in the disclosure year.	A movement in an allocator metric is not a change in allocato	r or component.
79	† include additional rows if needed			

		Company Name	Electricity Ashburton Limited
SI	CHEDULE 5e: REPORT ON ASSET ALLOC	For Year Ended	31/03/2016
Thi ED	s schedule requires information on the allocation of asset value Bs must provide explanatory comment on their cost allocation	s. This information supports the calculation of the RAB value in Schedule 4. n Schedule 14 (Mandatory Explanatory Notes), including on the impact of any	changes in asset allocations. This information is part of audited
		nation), and so is subject to the assurance report required by section 2.8.	
n ref			
7	5e(i): Regulated Service Asset Values		
8			Value allocated (\$000s)
9			Electricity distribution services
0	Subtransmission lines		services
1	Directly attributable		12,830
!	Not directly attributable		
	Total attributable to regulated service		12,830
	Subtransmission cables Directly attributable		875
	Not directly attributable		
	Total attributable to regulated service		875
	Zone substations		
	Directly attributable Not directly attributable		17,996
	Total attributable to regulated service		17,996
	Distribution and LV lines		
	Directly attributable		46,626
	Not directly attributable Total attributable to regulated service		46,626
	Distribution and LV cables		
	Directly attributable		54,205
	Not directly attributable		
	Total attributable to regulated service		54,205
	Distribution substations and transformers Directly attributable		54,143
	Not directly attributable		
	Total attributable to regulated service		54,143
	Distribution switchgear		
	Directly attributable		34,382
	Not directly attributable Total attributable to regulated service		34,382
	Other network assets		
	Directly attributable		1,230
	Not directly attributable		-
	Total attributable to regulated service Non-network assets		1,230
	Directly attributable		14,971
	Not directly attributable		_
	Total attributable to regulated service		14,971
	Regulated service asset value directly attributable		237,258
	Regulated service asset value not directly attributa	ble	_
	Total closing RAB value		237,258
	5e(ii): Changes in Asset Allocations* †		
:	Change in asset value allocation 1		(\$000) CY-1 Current Year (CY)
l	Asset category		Original allocation
l	Original allocator or line items		New allocation
L	New allocator or line items		Difference – –
	Rationale for change		
			(*****)
	Change in asset value allocation 2		(\$000) CY-1 Current Year (CY)
	Asset category		Original allocation
	Original allocator or line items		New allocation
1	New allocator or line items		Difference – –
	Rationale for change		
	Rationale for change		
	Rationale for change		(*00)
			(\$000) CY-1 Current Year (CY)
	Rationale for change Change in asset value allocation 3 Asset category		
	Change in asset value allocation 3 Asset category Original allocator or line items		CY-1 Current Year (CY) Original allocation New allocation
	Change in asset value allocation 3 Asset category		CY-1 Current Year (CY) Original allocation
	Change in asset value allocation 3 Asset category Original allocator or line items		CY-1 Current Year (CY) Original allocation New allocation
	Change in asset value allocation 3 Asset category Original allocator or line items New allocator or line items		CY-1 Current Year (CY) Original allocation New allocation
	Change in asset value allocation 3 Asset category Original allocator or line items New allocator or line items Rationale for change	llocator or component change that has occurred in the disclosure year. A me	CY-1 Current Year (CY) Original allocation

		Company Name	Electricity Ashburt	
		For Year Ended	31/03/20 1	16
sc		6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR		
This excl EDE	s schedule re luding assets 3s must provi	uires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of w that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and mu de explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the ass	ust exclude finance costs.	
ref	f			
7	6a(i): E	xpenditure on Assets	(\$000)	(\$000)
8		Consumer connection		3,107
Э		System growth		4,841
0 1		Asset replacement and renewal Asset relocations		8,368
2		Reliability, safety and environment:		
3		Quality of supply	2,474	Ι
ı		Legislative and regulatory	-	1
5		Other reliability, safety and environment	296	
5	E)	Total reliability, safety and environment		2,770
3	E.	penditure on network assets Expenditure on non-network assets		19,086
,				
2	E	penditure on assets		19,751
!	plus	Cost of financing		
?		Value of capital contributions		1,293
3	plus	Value of vested assets		
1 5	с	ipital expenditure		18,458
5	6a(ii):	Subcomponents of Expenditure on Assets (where known)		(\$000)
,	(-)-	Energy efficiency and demand side management, reduction of energy losses		
3		Overhead to underground conversion		2,496
9		Research and development		
_	60(111)	Consumer Connection		
0 1	oa(iii).	Consumer Connection Consumer types defined by EDB*	(\$000)	(\$000)
2		Customer connection -Urban	619	[[
3		Customer connection -Rural LV	159	1
1		Customer connection -Rural Transformer	2,115	-
5		Customer connection -Other	215	•
5		[EDB consumer type] * include additional rows if needed		1
8		Consumer connection expenditure		3,10
9			700	T
) 1	less	Capital contributions funding consumer connection expenditure Consumer connection less capital contributions	780	2,327
-				Asset
2	6a(iv):	System Growth and Asset Replacement and Renewal		Replacement and
3			System Growth	Renewal (\$000)
4 5		Subtransmission	(\$000)	(\$000)
5		Zone substations	724	536
7		Distribution and LV lines	412	860
8		Distribution and LV cables	574	2,887
Э		Distribution substations and transformers	2,844	3,390
0 1		Distribution switchgear Other network assets	283	143
2		System growth and asset replacement and renewal expenditure	4,841	8,368
3	less	Capital contributions funding system growth and asset replacement and renewal	16	497
4		System growth and asset replacement and renewal less capital contributions	4,825	7,871
5				
5	6a(v):	Asset Relocations	(1)	(1)
7 8		Project or programme*	(\$000)	(\$000)
3		[Description of material project or programme] [Description of material project or programme]		
,		[Description of material project of programme]		
1		[Description of material project or programme]		
2		[Description of material project or programme]		
		* include additional rows if needed		T
3				
4		All other projects or programmes - asset relocations Asset relocations expenditure		
	less	All other projects or programmes - asset relocations Asset relocations expenditure Capital contributions funding asset relocations		-

		Company Name	Electricity Ashburton Limit
		For Year Ended	31/03/2016
HEDULE	6a: REPORT ON CAPITAL EXPENDITURE FOR THE DI	SCLOSURE YEAR	
uding assets t s must provid	uires a breakdown of capital expenditure on assets incurred in the disclosure year, in that are vested assets. Information on expenditure on assets must be provided on an le explanatory comment on their expenditure on assets in Schedule 14 (Explanatory s part of audited disclosure information (as defined in section 1.4 of the ID determin	n accounting accruals basis an Notes to Templates).	d must exclude finance costs.
Ealui): (Quality of Supply		
0a(vi). (
	Project or programme*		(\$000) (\$0
	Ashburton Hospital Replace Lucy Switch Methven 10MVA 11/22kV Transformer		35 402
	TIN New 66kV Zone Substation - Civil Works		593
	TIN New 66kV Zone Substation - Structural/Electrical		
	PDS ZONE Substation - T1/T2 Firewall		_
	RMU Control Cubicles - Manufacture		32
	Rakaia 22 Security. Railway Tec East to Mackie Street		208
	RMUs For Existing Overhead Networks		685
	SCADA Control and Status of Pole-top Devices		-
	SF6 Load Break Switch - Control Cubicle		32
	Advanced Feeder Automation Data Radio Links Deployment		- 18
	Rawles Crossing Road - Timaru Track, New 22kV OH Line, Section 3		169
	Protection Relay Upgrade - Stage 2 (transformer)		136
	all other projects		164
	* include additional rows if needed		
	All other projects programmes - quality of supply		
less	Quality of supply expenditure Capital contributions funding quality of supply		
	Quality of supply less capital contributions		
6a(vii):	Legislative and Regulatory		
	Project or programme* [Description of material project or programme]		(\$000) (\$0
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project of programme]		
	[Description of material project or programme]		
	* include additional rows if needed		
	All other projects or programmes - legislative and regulatory		
less	Legislative and regulatory expenditure Capital contributions funding legislative and regulatory		
	Legislative and regulatory less capital contributions		
6a(viii):	Other Reliability, Safety and Environment		(4444)
	Project or programme*		(\$000) (\$0
	Install RMU AMP - Substation Security Access Control		95
	Investigation of capacitive effects of network assets		10
	Unscheduled Other Reliability, Safety and Environment		50
	* include additional rows if needed		
	* include additional rows if needed All other projects or programmes - other reliability, safety and environment		
	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure		
less	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Dther reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment		
less	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure		
less (* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions		
less 6a(ix): 1	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets		
less 6a(ix): 1	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets Dutine expenditure		
less 6a(ix): 1	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets Dutine expenditure Project or programme*		(\$000) (\$0
less 6a(ix): 1	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant		137
less 6a(ix): 1	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant Non-Network - Routine Info Tec		137 125
less 6a(ix): 1	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant		137
less 6a(ix): 1	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant Non-Network - Routine Info Tec		137 125
less 6a(ix): 1	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Won-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant Non-Network - Routine Info Tec Replacement Vehicles		137 125
less 6a(ix): I Rc	 * include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Won-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant Non-Network - Routine Info Tec Replacement Vehicles * include additional rows if needed 		137 125
less 6a(ix): f Rc	 * include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Won-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant Non-Network - Routine Info Tec Replacement Vehicles * include additional rows if needed All other projects or programmes - routine expenditure 		137 125
less 6a(ix): f Rc	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant Non-Network - Routine Info Tec Replacement Vehicles * include additional rows if needed All other projects or programmes - routine expenditure Routine expenditure		137 125
less 6a(ix): f Rc	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Non-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant Non-Network - Routine Info Tec Replacement Vehicles * include additional rows if needed All other projects or programmes - routine expenditure Routine expenditure Project or programme* Coffice Building Alterations/Improvements		137 125 124
less 6a(ix): f Rc	* include additional rows if needed All other projects or programmes - other reliability, safety and environment Other reliability, safety and environment expenditure Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions Won-Network Assets Dutine expenditure Project or programme* Non-Network - Routine Plant Non-Network - Routine Info Tec Replacement Vehicles * include additional rows if needed All other projects or programmes - routine expenditure Routine expenditure rypical expenditure Project or programme*		(\$000) (\$0

	Company Name	Electricity Ashburton Limited							
	For Year Ended	31/03/2016							
S	CHEDULE 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 r	Infrared Thermal Camera	45							
	Survey GPS Unit	0							
	Electricity Billing Engine and CRM System	1							
	Business Intelligence System	99							
	Unplanned software investment	45							
122	Solar research	9							
123	[Description of material project or programme]	-							
124	* include additional rows if needed								
125	All other projects or programmes - atypical expenditure								
126	Atypical expenditure	280							
127									
128	Expenditure on non-network assets	665							

	Company Name	Electricity Ashb	urton Limited
	For Year Ended	31/03/	2016
	SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR		
	This schedule requires a breakdown of operational expenditure incurred in the disclosure year.		
	EDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory	ry comment on any at	ypical operational
	expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insur		
	'his information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report	t required by section	2.8.
SCI	n ref		
	6b(i): Operational Expenditure	(\$000)	(\$000)
ł	3 Service interruptions and emergencies	895	
	Vegetation management	438	
10	Routine and corrective maintenance and inspection	619	
1	Asset replacement and renewal	931	
1	? Network opex		2,883
1	3 System operations and network support	3,505	
14	4 Business support	3,759	
1	5 Non-network opex	L	7,264
10		-	
1	7 Operational expenditure	L	10,147
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
1		Г	23
20			23
2			
2			155
23			100
2.			

Company Name For Year Ended Electricity Ashburton Limited 31/03/2016

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

EDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

7	7(i): Revenue	Target (\$000) ¹	Actual (\$000)	% variance
8		41,963	40,865	(3%)
		E	1 stored (*2020)	
9		Forecast (\$000) ²	Actual (\$000)	% variance
10		4,268	3,107	(27%)
11	, ,	3,245	4,841	49%
12		8,150	8,368	3%
13		54		(100%)
14		0.504	2.174	(10()
15		2,584	2,474	(4%)
16		05	-	-
17		85	296	249%
18 19		2,669 18,386	2,770 19,086	4% 4%
		1,559	19,086	4% (57%)
20				
21	Expenditure on assets	19,945	19,751	(1%)
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	845	895	6%
24	Vegetation management	448	438	(2%)
25	Routine and corrective maintenance and inspection	600	619	3%
26	Asset replacement and renewal	772	931	21%
27	Network opex	2,665	2,883	8%
28	System operations and network support	3,550	3,505	(1%)
29	Business support	4,005	3,759	(6%)
30	Non-network opex	7,555	7,264	(4%)
31	Operational expenditure	10,220	10,147	(1%)
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Energy efficiency and demand side management, reduction of energy losses		-	-
34	Overhead to underground conversion	4,487	2,496	(44%)
35	Research and development		-	-
36				
37	7(v): Subcomponents of Operational Expenditure (where known)		
38		13	23	81%
39			-	-
40			-	-
41		169	155	(8%)
42				
43				
44	2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2 disclosure year (the second to last disclosure of Schedules 11a and 11b)	.6.6 for the forecast p	period starting at the	beginning of the

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

8(i): Billed Quantities by Price Component

							es by price com	ponent																		
					Price component	General Supply	Uncontrolled Energy	Controlled Off- Peak Energy	Night Boost 10	Under Verandah	Floodlight	Generation Credit	Connected kW	Connected kW	Industrial MD	Industrial Peak MD	Industrial Anytime MD	Large User Fixed	Large User MD	Large User Connected kW	Streetlighting					
Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	non-standard consumer group (specify)	Average no. of ICPs in disclosure year	delivered to ICPs in disclosure year (MWh)	Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	per day	per kWh	per kWh	per kWh	per day	per day	per kWh	per kW day	per kW	per kVA per month	per kVA per month	per kVA per month	per month	per kVA per month	per kW day ^p	per fitting per day					
General Supply - 20 kVA	General	Standard	14,685	124,135	1	14,818	89,201,216	29,457,615	849,566	42	4	77,002	-	_	_	_	_	_	-		_					
General Supply - 50 kVA	General	Standard	1,535	37,434		14,818	34,247,152	2,264,549	94,195	42	4	1,200	_			_	_	_	_							
General Supply - 100 kVA	General	Standard	642	56,222		644	55,195,687	815,858	8,761	2	3	-	_	_	_	_	_	_	_	_						
General Supply - 150 kVA	General	Standard	245	39,446		242	38,947,115	449,118	-	1	-	4,543	-	-	-	-	-	_	-	_	_					
General Supply - less than 5 kVA	General	Standard	45	-		44	-	-	_		-	-	_	-	_	-	-	_	-	_	_					
Irrigation	Irrigation	Standard	1,563	232,767		-	-	_	_	_	_	_	133,160	14,521	_	_	_	-	_	_	-					
Industrial 400V Supply - kVA	Industrial	Standard	40	51,595		-	-	-	-	-	1	-	-	-	12,146	-	-	-	-	-	-					
Direct Supply - Day Demand	Industrial	Standard	1	1,481		-	-	-	-	-	-	-	-	-	290	-	-	-	-	-	-					
Direct Supply - Peak Demand	Industrial	Standard	3	1,628		-	-	-	-	-	-	-	-	-	_	472	753	-	-	-	-					
CMP	Large User	Standard	1	35,108		-	-	-	-	-	-	-	-	-	-	-	-	1	6,239	-	-					
Silver Fern Farms	Large User	Standard	1	9,667		-	-	-	-	-	-	-	-	-	-	-	-	1	2,419	-	-					
Mt Hutt Ski Area	Large User	Standard	1	2,265		-	-	-	-	-	-	-	-	-	-	-	-	1	910	-	-					
Highbank Pumps	Large User	Standard	1	9,380		-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,626	-					
Highbank Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-					
Montalto Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-					
Cleardale Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-					
Lavington Generation	Generation	Standard	0	-		-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-					
Street Lighting	Street Lighting	Standard	8	1,639		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,160					
											10		100 100		10.100											
		onsumer totals	18,774	602,769		17,291	217,591,171	32,987,140	952,522	53	10	82,746	133,160	14,521	12,436	472		6	9,567	9,626	3,160					
	Non-standard c	onsumer totals r all consumers	- 18,774	- 602,769		- 17,291	_	- 32,987,140	- 952,522	- 53	- 10	- 82,746	- 133,160	- 14,521	- 12,436	- 472	- 753	-	- 9,567	- 9,626	- 3,160					
	rotal to	an consumers	16,774	002,769		17,291	217,591,171	32,987,140	932,322	53	10	62,740	155,100	14,521	12,430	472	753	6	9,567	9,020	5,100					

Company Name For Year Ended Network / Sub-Network Name

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

8(ii): Line Charge Revenues (\$000) by Price Component

								Line charge rev	enues (\$000) b	y price compon	ent					-							
							rice component	General Supply	Uncontrolled Energy	Controlled Off- Peak Energy	Night Boost 10	Under Verandah	Floodlight	Generation Credit	Connected kW	Connected kW	Industrial MD	Connected kW	Industrial Anytime MD	Large User Fixed	Large User MD	Large User Connected kW	Streetlighting
Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	non-standard consumer group (specify)	charge revenue in disclosure year	revenue foregone from posted discounts (if	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, \$ per day, \$ per kWh, etc.)		per kWh	per kWh	per kWh	per day	per day	per kWh	per kW day	per kW	per kVA per month	per kW	per kVA per month	per month	per kVA per month	per kW day	per fitting per day
General Supply - 20 kVA	General	Standard	\$9,471		\$7,368	\$2,103	1	\$811	\$8,135	\$513	\$15	\$4	\$0	(\$7)	_	-	_	_	-	-	_]	
General Supply - 50 kVA	General	Standard	\$3,334		\$2,526	\$808	-	\$169	\$3,123	\$39	\$13	\$1	\$0 \$0	(\$7)	_	_	_	_	_		_	_	
General Supply - 100 kVA	General	Standard	\$5,190	_	\$3,887	\$1,303		\$141	\$5,034	\$14	\$0	\$0	\$0	(\$0) _	-	_	-	_	-	-	-	-	_
General Supply - 150 kVA	General	Standard	\$3,639	-	\$2,720	\$919		\$80	\$3,552	\$8	- -	\$0	-	(\$0)	-	-	-	-	-	-	-	_	_
General Supply - less than 5 kVA	General	Standard	\$9	-	\$9	-		\$9	-	-	_	-	_	-	-	_	-	-	-	-	_	_	_
Irrigation	Irrigation	Standard	\$15,111	-	\$13,790	\$1,321		-	-	_	_	-	_	-	\$16,272	(\$1,162)	-	_	_	_	_	_	_
Industrial 400V Supply - kVA	Industrial	Standard	\$1,912	-	\$1,252	\$660		-	-	-	-	-	\$0	-	-	-	\$1,912	-	-	-	-	-	_
Direct Supply - Day Demand	Industrial	Standard	\$46	-	\$30	\$16		-	-	-	-	-	-	-	-	-	\$46	-	-	-	-	-	-
Direct Supply - Peak Demand	Industrial	Standard	\$101	-	\$75	\$26		-	-	-	-	-	-	-	-	-	-	\$30	\$71	-	-	-	-
СМР	Large User	Standard	\$634	-	\$294	\$339		-	-	-	-	-	-	-	-	-	-	-	-	\$243	\$391	-	-
Silver Fern Farms	Large User	Standard	\$184	-	\$53	\$131		-	-	-	-	-	-	-	-	-	-	-	-	\$33	\$152	-	-
Mt Hutt Ski Area	Large User	Standard	\$186	-	\$137	\$49		-	-	-	-	-	-	-	-	-	-	-	-	\$129	\$57	-	-
Highbank Pumps	Large User	Standard	\$325	-	\$230	\$95		-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$325	-
Highbank Generation	Generation	Standard	\$386	-	\$386	-		-	-	-	-	-	-	-	-	-	-	-	-	\$386	-	-	
Montalto Generation	Generation	Standard	\$34	-	\$34	-		-	-	-	-	-	-	-	-	-	-	-	-	\$34	-	-	-
Cleardale Generation	Generation	Standard	\$31	-	\$31	-		-	-	-	-	-	-	-	-	-	-	-	-	\$31	-	-	-
Lavington Generation	Generation	Standard	\$2	-	\$2	-		-	-	-	-	-	-	-	-	-	-	-	-	\$2	-	-	-
Street Lighting	Street Lighting	Standard	\$270	-	\$270	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$270
				·			,																
		onsumer totals		-	\$33,094	\$7,771		\$1,210	\$19,844	\$574	\$17	\$5	\$1	(\$8)	\$16,272	(\$1,162)	\$1,958	\$30	\$71	\$858	\$599	\$325	\$270
	Non-standard co			-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total for	r all consumers	\$40,865	-	\$33,094	\$7,771	J	\$1,210	\$19,844	\$574	\$17	\$5	\$1	(\$8)	\$16,272	(\$1,162)	\$1,958	\$30	\$71	\$858	\$599	\$325	\$270
8(iii): Number of ICPs direc Number of directly billed ICPs at]		Check	ОК]																

Company Name For Year Ended Network / Sub-Network Name

	Company Name	Electricity Ashburton Limited
	For Year Ended	31/03/2016
	Network / Sub-network Name	Total Network
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)	Items at end of year (quantity)	Net change	Data accuracy (1–4)
9	All	Overhead Line	Concrete poles / steel structure	No.	2,670	2,539	(131)	4
10	All	Overhead Line	Wood poles	No.	26,716	26,485	(231)	4
11	All	Overhead Line	Other pole types	No.	-	-	-	N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	390	390	0	4
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	7	7	0	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	24	21	(3)	3
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	_	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	48	48	_	3
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	129	131	2	3
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	29	22	(7)	3
29	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	N/A
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	36	37	1	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	169	165	(4)	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	N/A
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	28	28	-	3
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,994	1,979	(15)	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
37	HV	Distribution Line	SWER conductor	km	-	-	-	N/A
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	196	215	19	3
39	HV	Distribution Cable	Distribution UG PILC	km	4	4	(0)	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	28	25	(3)	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	-	-	N/A
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	7,737	7,655	(82)	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	174	190	16	2
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	398	412	14	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	4,747	4,722	(25)	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	2,101	2,446	345	3
48	HV	Distribution Transformer	Voltage regulators	No.	3	3	-	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	365	368	3	2
50	LV	LV Line	LV OH Conductor	km	101	98	(3)	2
51	LV	LV Cable	LV UG Cable	km	320	331	11	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	272	276	4	3
53	LV	Connections	OH/UG consumer service connections	No.	19,027	19,253	226	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	145	153	8	1
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	2
56	All	Capacitor Banks	Capacitors including controls	No	-	-	-	N/A
57	All	Load Control	Centralised plant	Lot	3	3	-	3
58	All	Load Control	Relays	No	343	354	11	1
59	All	Civils	Cable Tunnels	km	-	-	-	N/A

sch ref

SCHEDULE 9b: ASSET AGE PROFILE

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

sch	f	Disclosure Year (year ended)	31 March 2016	1								Numbo	r of accote a	at disclosure	waar and k	w installativ	on data														
		Disclosure real (year ended)	51 Walth 2010	1								Numbe	1 01 855615 6		year enu i	y mstanatit	Jii uate												No. with	Items at	No. with
						1940	1950	1960	1970	1980	1990																		-		default Data accuracy
5	Voltage	Asset category	Asset class	Units No.	pre-1940	-1949	-1959	-1969	-1979 318	-1989 709	-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	unknown	(quantity) 2.539	dates (1–4)
10	All	Overhead Line	Concrete poles / steel structure	NO. No.	-	234	585	1.177	318 1.440	4,558	6,396	827	585	1.552	1.154	58 802	13 857	- 604	- 686	- 1.048	947	629	18 490	38	408	470	460	177		2,539	- 4
12	All All	Overhead Line Overhead Line	Wood poles	NO.	-	234	282	1,1//	1,440	4,558	0,390	827	585	1,552	1,154	802	857	604	080	1,048	947	629	490	399	408	470	460	1//		26,485	– 4
12	HV	Subtransmission Line	Other pole types Subtransmission OH up to 66kV conductor	km	-	-	-	-	- 15	- 60	- 38	- 1	- 16	- 101	- 41	-	- 11	- 7	- 10	-	- 13	- 15	- 1	-	-	- 12	- 13	-		390	- N/A
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km		_	- 0	2	- 15			-	10	101	41			- /	19	2	15	15	1	9	5	12	- 15	- 4		590	– 4 – N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km		_	_	_	_		- 1	- 0	_	- 1	- 0	_	-	-	_	_	_	_	_	-	_	- 1	_			- 7	- N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km		-	-	_	-		_	-	_	_	-	-	-	-	-	-	-	-	-	-	-	-	_				- N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km		-	-	_	-	_	_	-	_	_	-	-	-	-	-	-	-	-	-	-	-	-	_	-			- N/A
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	-	-	-	-	-	_	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	- N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1	-	- N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1	-	– N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1	-	– N/A
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1	-	– N/A
23	HV	Subtransmission Cable	Subtransmission submarine cable	km		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	– N/A
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.		-	-	1	2	5	2	-	2	2	2	-	1	1	-	2	-	-	-	-	1	-	-	-	-	21	- 3
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	– N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	– N/A
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-	-	-	-	-	7	-	15	2	2	7	-	7	-	5	-	-	-	3	-	-	-	-	48	- 3
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	6	9	47	9	7	5	20	2	3	3	9	7	-	-	-	-	-	4	-	-	-	-	131	- 3
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	-	5	3	4	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	- 3
30	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	– N/A
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	– N/A
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	-	-	-	14	2	12	3	2	1	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	37	- 3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	-	-	18	15	27	6	4	-	5	1	27	7	21	10	18	1	-	-	5	-	-	-	-	-	165	- 3
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	– N/A
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	-	1	3	3	2	2	5	-	2	2	-	4	-	-	-	1	-	-	1	1	1	-	-	-	28	- 3
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	-	5	36	55	112	353	530	57	45		93	64	60	39	52	70	66	49	41	28	27	31	32	12	-	1,979	- 3
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	– N/A
38	HV	Distribution Line	SWER conductor	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	– N/A
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km	-	-	-	1	2	32	25	4	4	7	6	4	4	8	11	5	6	6	12	13	21	8	16	18	-	215	- 3
40	HV	Distribution Cable	Distribution UG PILC	km	-	-	-	0	3	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		4	- 3
41	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			– N/A
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	-	-	-	- 2	- 4	5	3	-	2	1	-	- 2	3	-	-	-	-	-	-	-	-	-	-	-		25	- 3
-	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	-	-	- 7		- 27	- 37		- 13	- 27	- 30		- 43	- 33	- 10	- 24	- 27	- 40	- 53	- 76	- 43	- 33	- 42	31	- 7,006	7,655	- N/A
44	HV HV	Distribution switchgear Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted) 3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No. No.	1	4	4	7	7	27		7	13	2/ E	30	30	43	33	10	24 c	2/	40	53	/b	43	33	42	51	7,006	7,655	- 2
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except kNO 3.3/6.6/11/22kV RMU	NO.	-	4	4	14	33 21	59		15	10		9	10	6	26	16	26	1	- 27	4	3 19	18	23	- 16	-		412	- 2
40	HV	Distribution Transformer	Pole Mounted Transformer	NO.	-	- 15	- 131	437	594	364		190	10	57	9 189	10	148	189	303	20 93	259	198	56	229	18	108	107	80		4.722	- 3
48	HV	Distribution Transformer	Ground Mounted Transformer	NO.	-	10	54	271	394	264		190		19	32	43	51	83	103	95	123	92	92	118	99	108	107	90		2,446	- 3
49	HV	Distribution Transformer	Voltage regulators	No.		-	-	1	2,04	-	-	-	_	-	-	-	-	-	-	_	-	-	-	-	_	_	_	-		2,440	- 3
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	<u> </u>	1	-	7	42	67		14	11	6	4	5	8	- 13	11	6	10	8	8	8	Q	15	10	11		368	- 2
51	LV	LV Line	LV OH Conductor	km		7	6	20	9	18		1	1	1	2	1	2	1	1	2	1	1	n	0	0	0	0	0		98	- 3
52	LV	LV Cable	LV UG Cable	km		-	-	6	24	59		8	9	4	7	5	8	12	11	10	11	8	18	10	12	15	16	8		331	- 3
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	<u> </u>	3	3	15	24	52	00	7	7	4	4	4	5	6	7	5	7	6	15	7	8	10	9	8		276	_ 3
54	LV	Connections	OH/UG consumer service connections	No.	- 1	-	-	-	-	-	-	12,812	248	321	380	382	336	401	468	502	579	341	402	390	404	418	442	427			12,665 2
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	- 1	-	-	_	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	15,255	- 1
56	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	- 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	- 2
57	All	Capacitor Banks	Capacitors including controls	No	- 1	-	-	_	-	-	_	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	_	-		-	- N/A
58	All	Load Control	Centralised plant	Lot	- 1	-	-	_	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	_	-	- 1	3	- 3
59	All	Load Control	Relays	No		-	_	_	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	354	354	- 1
60	All	Civils	Cable Tunnels	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1	-	– N/A
										-			-	. 1							•										·
	-								-							-					-		-	-	-		-	-			

Company Name	Electricity Ashburton Limited
For Year Ended	31/03/2016
etwork / Sub-network Name	Total Network

	Company Name	Electri	city Ashburton L	imited
	For Year Ended		31/03/2016	
	Network / Sub-network Name		Total Network	
	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 rel to circuit lengths.	ating to cable and li	ine assets, that are ex	pressed in km, refer
sch	ref			
Sen				
9				
				Total circuit
10		Overhead (km)	Underground (km)	length (km)
11		-	-	-
12	50kV & 66kV	285	2	287
13	33kV	105	5	110
14		-	-	-
15	22kV (other than SWER)	1,207	62	1,269
16		773	157	930
17	Low voltage (< 1kV)	98	331	429
18		2,468	557	3,024
19			1 1	
20		32	244	276
21			L	-
22		Circuit length	(% of total	
23	Overhead circuit length by terrain (at year end)	(km)	overhead length)	
24		115	5%	
25	Rural	2,298	93%	
26	Remote only	55	2%	
27	Rugged only	-	-	
28		-	-	
29		-	-	
30	Total overhead length	2,468	100%	
3:				
		Circuit length	(% of total circuit	
32		(km)	length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	467	15%	
		Circuit length	(% of total	
34		(km)	overhead length)	
35	Overhead circuit requiring vegetation management	2,468	100%	

	Compan	y Name	Electricity Ash	burton Limited
	For Yea	r Ended		3/2016
	JLE 9d: REPORT ON EMBEDDED NETWORKS e requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in	another ei	mbedded network.	
8	Location *		Number of ICPs served	Line charge revenue (\$000)
9	Upper Rakaia on Orion Network	Γ	13	17
10				
11				
12		_		
13		_		
14		-		
15		-		
16		-		
17 18		-		
19		-		
20		-		
21				
22				
23				
24				
				1

	Company Name	Electricity Ashburton Limited
	For Year Ended	31/03/2016
	Network / Sub-network Name	Total Network
	CHEDULE 9e: REPORT ON NETWORK DEMAND	
	s schedule requires a summary of the key measures of network utilisation for the disclosure year (number c tributed generation, peak demand and electricity volumes conveyed).	of new connections including
sch re	ſ	
8	9e(i): Consumer Connections	
9	Number of ICPs connected in year by consumer type	
10	Consumer types defined by EDB*	Number of connections (ICPs)
11	General	262
12	Irrigation	50
13	Industrial	(2)
14	Large Generation	1
15		
16	* include additional rows if needed	244
17 18	Connections total	311
18 19	Distributed generation	
20	Number of connections made in year	16 connections
21	Capacity of distributed generation installed in year	0.59 MVA
	0. ("). Custom Damand	
22	9e(ii): System Demand	
23 24		
		Demand at time
		Demand at time of maximum coincident
25	Maximum coincident system demand	of maximum
25 26	Maximum coincident system demand	of maximum coincident demand (MW)
25 26 27	Maximum coincident system demand GXP demand plus Distributed generation output at HV and above	of maximum coincident
26	GXP demand	of maximum coincident demand (MW) 176
26 27	GXP demand plus Distributed generation output at HV and above	of maximum coincident demand (MW) 176 1
26 27 28	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand	of maximum coincident demand (MW) 176 1 177
26 27 28 29 30	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points	of maximum coincident demand (MW) 176 1 177 (0) 177
26 27 28 29 30 31	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh)
26 27 28 29 30 31 31	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569
26 27 28 29 30 31	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh)
26 27 28 29 30 31 32 33	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity exports to GXPs	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1
26 27 28 29 30 31 32 33 34	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity exports to GXPs plus Electricity supplied from distributed generation	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108
26 27 28 29 30 31 32 33 34 35 36 37	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity supplied from distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676 603
26 27 28 29 30 31 32 33 34 35 36 37 38	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs plus Electricity supplied from distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676
26 27 28 29 30 31 32 33 34 35 36 37 38 39	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity supplied from distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676 603 74 10.9%
26 27 28 29 30 31 32 33 34 35 36 37 38	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs plus Electricity supplied from distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points less Total energy delivered to ICPs Electricity losses (loss ratio)	of maximum coincident demand (MW) 176 1 177 (0) 1777 Energy (GWh) 569 1 1 108 (0) 676 603
26 27 28 29 30 31 32 33 34 35 36 37 38 39	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs plus Electricity supplied from distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points less Total energy delivered to ICPs Electricity losses (loss ratio)	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676 603 74 10.9%
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity supplied from distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points less Total energy delivered to ICPs Electricity losses (loss ratio) Load factor	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676 603 74 10.9%
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity exports to GXPs plus Electricity supplied from distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points Electricity entering system for supply to consumers' connection points Electricity losses (loss ratio) Load factor Distribution transformer capacity (EDB owned)	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676 603 74 10.9% 0.44 (MVA) 548
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity supplied from distributed generation less Net electricity supplied form distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points Electricity entering system for supply to consumers' connection points Electricity entering system for supply to consumers' connection points Electricity losses (loss ratio) Load factor Distribution transformer capacity (EDB owned) Distribution transformer capacity (Non-EDB owned, estimated)	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676 603 74 10.9% 0.44 (MVA) 548 13
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity exports to GXPs plus Electricity supplied from distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points Electricity entering system for supply to consumers' connection points Electricity losses (loss ratio) Load factor Distribution transformer capacity (EDB owned)	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676 603 74 10.9% 0.44 (MVA) 548
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	GXP demand plus Distributed generation output at HV and above Maximum coincident system demand less Net transfers to (from) other EDBs at HV and above Demand on system for supply to consumers' connection points Electricity volumes carried Electricity supplied from GXPs less Electricity supplied from distributed generation less Net electricity supplied form distributed generation less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points Electricity entering system for supply to consumers' connection points Electricity entering system for supply to consumers' connection points Electricity losses (loss ratio) Load factor Distribution transformer capacity (EDB owned) Distribution transformer capacity (Non-EDB owned, estimated)	of maximum coincident demand (MW) 176 1 177 (0) 177 Energy (GWh) 569 1 1 108 (0) 676 603 74 10.9% 0.44 (MVA) 548 13

		Company Name	Electricity A	shburton Limi
		For Year Ended	31/	03/2016
	Network / S	ub-network Name	Tota	l Network
This so on the	IEDULE 10: REPORT ON NETWORK RELIABILITY chedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault eir network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and tion 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.			
8	10(i): Interruptions	Number of		
9	Interruptions by class	interruptions		
10	Class A (planned interruptions by Transpower)	-		
1	Class B (planned interruptions on the network)	170		
2	Class C (unplanned interruptions on the network)	253		
3	Class D (unplanned interruptions by Transpower)	-		
4	Class E (unplanned interruptions of EDB owned generation)	_		
5	Class F (unplanned interruptions of generation owned by others)	2		
6	Class G (unplanned interruptions caused by another disclosing entity)	-		
7	Class H (planned interruptions caused by another disclosing entity)	-		
8	Class I (interruptions caused by parties not included above)	-		
9	Total	425		
0				
1	Interruption restoration	≤3Hrs	>3hrs	
2	Class C interruptions restored within	194	59	
3				
4	SAIFI and SAIDI by class	SAIFI	SAIDI	
5	Class A (planned interruptions by Transpower)	-		
5	Class B (planned interruptions on the network)	0.27	78	
7	Class C (unplanned interruptions on the network)	1.09	167	
3	Class D (unplanned interruptions by Transpower)	-		
9	Class E (unplanned interruptions of EDB owned generation)	-		
0	Class F (unplanned interruptions of generation owned by others)	0.03	2	
1	Class G (unplanned interruptions caused by another disclosing entity)			
2	Class H (planned interruptions caused by another disclosing entity)			
3	Class I (interruptions caused by parties not included above)	-	-	
34 35	Total	1.39	248	
5				
36	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI	
37	Classes B & C (interruptions on the network)	1.36	189	
38	^t Classes B & C (Assessed values for Default Price-Quality Path Determination)	1.23	126	
	t Assessed value are applicable to reliability limits			
39	Quality path normalised reliability limit	SAIFI reliability limit	SAIDI reliability limit	
40	SAIFI and SAIDI limits applicable to disclosure year*	1.61	151	
	or an und or applicable to disclosure year	1.01	101	

		~ [The second stress of	
		Company Name		Ashburton Limited
		For Year Ended		/03/2016
	Network / Sub	o-network Name	lota	al Network
Th	CHEDULE 10: REPORT ON NETWORK RELIABILITY is schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault ra their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SA section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. 10(ii): Class C Interruptions and Duration by Cause Lightning Vegetation Adverse weather Adverse environment Third party interference Wildlife Human error Defective equipment			
52 53	Detective equipment Cause unknown	0.50	20	
54 55 56				
57	Main equipment involved	SAIFI	SAIDI	
58	Subtransmission lines	0.04	14	
59	Subtransmission cables	-		
60	Subtransmission other	-	-	
61	Distribution lines (excluding LV)	0.18	48	
62 63	Distribution cables (excluding LV) Distribution other (excluding LV)	0.05	16	
64 65	10(iv): Class C Interruptions and Duration by Main Equipment Involved	<u> </u>	CAIDI	
66	Main equipment involved	SAIFI	SAIDI	
67 68	Subtransmission lines Subtransmission cables	0.09	7	
69	Subtransmission other	-	-	
70	Distribution lines (excluding LV)	0.91	157	
71	Distribution cables (excluding LV)	0.01	1	
72	Distribution other (excluding LV)	0.01	0	
73	10(v): Fault Rate		Circuit length	Fault rate (faults
			Su care rengen	i dale face findits
74	Main equipment involved	Number of Faults	(km)	per 100km)
74 75		Number of Faults		per 100km) 2.05
	Subtransmission lines		(km) 390 7	
75	Subtransmission lines Subtransmission cables	8	390	2.05
75 76	Subtransmission lines Subtransmission cables Subtransmission other	8	390	2.05
75 76 77	Subtransmission lines Subtransmission cables Subtransmission other Distribution lines (excluding LV)	8 1 -	390 7	2.05 15.15
75 76 77 78	Subtransmission lines Subtransmission cables Subtransmission other Distribution lines (excluding LV) Distribution cables (excluding LV)	8 1 - 307	390 7 1,979	2.05 15.15 15.51