COMMERCE COMMISSION NEW ZEALAND	
	Disclosure Requirements ion Templates for
Sche	dules 1–10
Company Name	Eastland Network
Disclosure Date	31 March 2021
Disclosure Year (year ended)	31 March 2021
-	edules 1–10 excluding 5f–5g 1. Prepared 21 December 2017

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		(Company Name		Eastland Netw	ork
			For Year Ended		31 March 202	1
h ni h	CHEDULE 1: ANALYTICAL RATIOS is schedule calculates expenditure, revenue and service ratios from the informat ust be interpreted with care. The Commerce Commission will publish a summary formation disclosed in accordance with this and other schedules, and informatio is information is part of audited disclosure information (as defined in section 1.4 of	y and analysis of info on disclosed under th	rmation disclosed in e other requiremen	n accordance with the determination of the determin	ne ID determination tion.	. This will include
	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 MV of capacity from EDI owned distribution transformers (\$/MVA)
	Operational expenditure	37,029	408	169,505	2,668	47,41
	Network	16,341	180	74,803	1,177	20,92
	Non-network	20,688	228	94,701	1,491	26,49
	Expenditure on assets	32,466	358	148,616	2,339	41,57
	Network	31,374	346	143,620	2,261	40,17
	Non-network	1,091	12	4,996	79	1,39
	Total consumer line charge revenue	to ICPs (\$/GWh) 101,195	ICPs (\$/ICP) 1,116			
	Standard consumer line charge revenue	101,195	1,110			
	Non-standard consumer line charge revenue	-	_			
	1(iii): Service intensity measures					
	Demand density	16	Maximum coinci	dent system deman	d per km of circuit le	ength (for supply) (kV
	Volume density	72	Total energy del	ivered to ICPs per kn	n of circuit length (fo	or supply) (MWh/km)
	Connection point density	7	Average number	of ICPs per km of ci	rcuit length (for sup	ply) (ICPs/km)
	Energy intensity	11,025	Total energy del	ivered to ICPs per av	erage number of IC	Ps (kWh/ICP)
	1(iv): Composition of regulatory income					
			(\$000)	% of revenue		
	Operational expenditure		10,526	36.16%		
	Pass-through and recoverable costs excluding financial incenti	ives and wash-ups	6,214	21.34%		
	Total depreciation		6,483	22.27%		
	Total revaluations		2,518	8.65%		
	Regulatory tax allowance Regulatory profit/(loss) including financial incentives and wash	h-uns	1,716 6,692	5.89% 22.99%		
		ups	29,113	22.99%		
	Total regulatory income					
	Total regulatory income					
	Total regulatory income 1(v): Reliability					

	Company N	Name Ea	stland Networ	k
	For Year E	inded a	81 March 2021	
CH	HEDULE 2: REPORT ON RETURN ON INVESTMENT			
alcul nust DBs	schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commiss late their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If a be provided in 2(iii). must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes). information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is	n EDB makes this election, inf	ormation supporting	g this calculation
ref 7 8	2(i): Return on Investment	CY-2 31 Mar 19	CY-1 31 Mar 20	Current Year C 31 Mar 21
o 9	ROI – comparable to a post tax WACC	%	%	51 Wai 21 %
0	Reflecting all revenue earned	7.83%	8.67%	3.84
1	Excluding revenue earned from financial incentives	6.03%	6.81%	3.74
2	Excluding revenue earned from financial incentives and wash-ups	6.13%	6.90%	3.74
3				
4	Mid-point estimate of post tax WACC	4.75%	4.27%	3.71
5	25th percentile estimate	4.07%	3.59%	3.04
5	75th percentile estimate	5.43%	4.95%	4.40
7				
8 9	ROI – comparable to a vanilla WACC			
0	Reflecting all revenue earned	8.34%	9.10%	4.17
1	Excluding revenue earned from financial incentives	6.54%	7.23%	4.17
2	Excluding revenue earned from financial incentives and wash-ups	6.64%	7.33%	4.07
3		0.0470	7.5570	4.07
4	WACC rate used to set regulatory price path	7.19%	7.19%	4.57
5				
6	Mid-point estimate of vanilla WACC	5.26%	4.69%	4.05
7	25th percentile estimate	4.58%	4.01%	3.37
8	75th percentile estimate	5.94%	5.37%	4.73
0 1 2	2(ii): Information Supporting the ROI Total opening RAB value	166,070	(\$000)	
2 3	plus Opening deferred tax	(8,365)		
4	Opening RIV	(0,000)	157,706	
5				
6	Line charge revenue		28,767	
7				
8	Expenses cash outflow	16,740		
9	add Assets commissioned	10,983		
0	less Asset disposals	-		
1	add Tax payments	1,307		
2	less Other regulated income	346	20.001	
3	Mid-year net cash outflows	L	28,684	
4 5	Term credit spread differential allowance	Г	_	
5		L		
7	Total closing RAB value	172,870		
, 8	less Adjustment resulting from asset allocation	(219)		
9	less Lost and found assets adjustment	-		
0	plus Closing deferred tax	(8,774)		
1	Closing RIV		164,315	
2	ROI – comparable to a vanilla WACC		[4.17
4	1		r	
5	Leverage (%)			42
	Cost of debt assumption (%)			2.82
6 7				
6 7 8	Corporate tax rate (%)		L	20
7	ROI – comparable to a post tax WACC		ſ	3.84

				Г				
				Company Name		Eastland Networ 31 March 2021		
sc	CHEDULE 2: REPORT ON RETURN		ит	For Year Ended		31 Warch 2021		
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	f 2(iii): Information Supporting the	Monthly ROI						
62		. montany nor						
63 64	Opening RIV						N/A	
65								
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows	
67	April	revenue	outnow	commissioned	uisposais	Income	-	
68	May						-	
69 70	June July							
71	August							
72	September						-	
73	October						-	
74	November						-	
75	December						-	
76	January						-	
77	February						-	
78	March						-	
79	Total	-	-	-	—	-	-	
80 81	Toy nour onto						N/A	
81 82	Tax payments						N/A	
83	Term credit spread differential allow	vance					N/A	
84								
85	Closing RIV						N/A	
86								
87	Marshly DOL and such to the such						N/A	
88 89	Monthly ROI – comparable to a vanilla	WACC					N/A	
90	Monthly ROI – comparable to a post ta	x WACC					N/A	
91							·	
92	2(iv): Year-End ROI Rates for Con	nparison Purposes						
93 94	Very and POL comparable to a varille	WACC					2.06%	
94 95	Year-end ROI – comparable to a vanilla	IWACC					3.96%	
96	Year-end ROI – comparable to a post ta	ax WACC					3.63%	
97								
98	* these year-end ROI values are compar	able to the ROI reported in	n pre 2012 disclosures b	y EDBs and do not repi	resent the Commi	ission's current view oi	n ROI.	
99								
100	2(v): Financial Incentives and Wa	isn-Ups						
101	Not receiverable costs allowed and	incromontal rolling increment	ivo schores				T	
102 103	Net recoverable costs allowed under Purchased assets – avoided transmiss		ive schenie					
103	Energy efficiency and demand incent							
105	Quality incentive adjustment					229		
106	Other financial incentives							
107	Financial incentives						229	
108								
109	Impact of financial incentives on ROI						0.10%	
110 111	Input methodology claw-back						Т	
112	CPP application recoverable costs							
113	Catastrophic event allowance						ł	
114	Capex wash-up adjustment					-	1	
115	Transmission asset wash-up adjustme	ent						
116	2013–15 NPV wash-up allowance							
117	Reconsideration event allowance							
118	Other wash-ups							
119 120	Wash-up costs						-	
120	Impact of wash-up costs on ROI							

Company Name Eastland Network For Year Ended 31 March 2021 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 comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report require sch ref 7 3(i): Regulatory Profit 8 Income	le explanatory
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 comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report require sch ref 7 3(i): Regulatory Profit 8 Income	
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 comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report require sch ref 7 8 3(i): Regulatory Profit 8 Income	
comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report require sch ref 7 3(i): Regulatory Profit 8 Income	
7 3(i): Regulatory Profit 8 Income	
7 3(i): Regulatory Profit 8 Income	
8 Income	(\$000)
9 Line charge revenue	28,767
10 plus Gains / (osses) on asset disposals	-
11 plus Other regulated income (other than gains / (losses) on asset disposals)	346
12	
13 Total regulatory income	29,113
14 Expenses	
15 less Operational expenditure	10,526
	10,020
17 less Pass-through and recoverable costs excluding financial incentives and wash-ups	6,214
	0,214
19 Operating surplus / (deficit)	12,373
20	/
21 less Total depreciation	6,483
22	5,.55
23 plus Total revaluations	2,518
24	/
25 Regulatory profit / (loss) before tax	8,408
26	
27 less Term credit spread differential allowance	-
28	
29 less Regulatory tax allowance	1,716
30	
31 Regulatory profit/(loss) including financial incentives and wash-ups	6,692
32	
33 3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups (\$000	0)
34 Pass through costs	
35 Rates 269	
36 Commerce Act levies 56	
37 Industry levies 75	
38 CPP specified pass through costs	
39 Recoverable costs excluding financial incentives and wash-ups	
40 Electricity lines service charge payable to Transpower 5,445	
41 Transpower new investment contract charges 75	
42 System operator services _	
43 Distributed generation allowance 264	
44 Extended reserves allowance	
45 Other recoverable costs excluding financial incentives and wash-ups 30	
46 Pass-through and recoverable costs excluding financial incentives and wash-ups 47	6,214

		Company Name	Eastland Netwo	rk
		For Year Ended	31 March 202	
~			51 Warth 202.	L
		ORT ON REGULATORY PROFIT		
cor	nment on their regulatory	ation on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must profit in Schedule 14 (Mandatory Explanatory Notes). dited disclosure information (as defined in section 1.4 of the ID determination), and so is subje		
ch re	f			
48	3(iii): Increme	ntal Rolling Incentive Scheme	(\$	000)
48 49	J(III). Increme	intar Koning incentive Scheme	CY-1	CY
49 50			31 Mar 20	31 Mar 21
51	Allowed co	ntrollable opex		
52		rollable opex		
53				•
54	Incrementa	l change in year		
55				
			Previous years'	Previous years' incremental
5.6			incremental	change adjusted for inflation
56 57	CY-5	31 Mar 16	change	for inflation
58	CY-4	31 Mar 17		
59	CY-3	31 Mar 18		
60	CY-2	31 Mar 19		
61	CY-1	31 Mar 20		
62	Net increme	ntal rolling incentive scheme		-
63				
64	Net recovera	ble costs allowed under incremental rolling incentive scheme		_
65	3(iv): Merger ar	nd Acquisition Expenditure		
05 70				(\$000)
70 66	Merger and	acquisition expenditure		(\$000)
67	weiger and			
	Provide con	nmentary on the benefits of merger and acquisition expenditure to the electricity distribution b	usiness, including required disc	losures in
68		with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)		
69	3(v): Other Disc	losures		
70				(\$000)
71	Colf incurar	nce allowance		

IEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET B chedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the er must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanat ed by section 2.8.	nd of this disclosure year. This informs the ROI calculation in Sched	Jule 2.	ompany Name	3	Istland Network	
4(i): Regulatory Asset Base Value (Rolled Forward)	for year ended	RAB 31 Mar 17 (\$000)	RAB 31 Mar 18 (\$000)	RAB 31 Mar 19 (\$000)	RAB 31 Mar 20 (\$000)	RA 31 Ma (\$00
Total opening RAB value		140,586	151,867	154,613	161,678	:
less Total depreciation		6,307	5,692	6,089	6,248	
plus Total revaluations		3,020	1,665	2,288	4,044	
plus Assets commissioned		7,724	7,061	11,756	8,529	
less Asset disposals		313	289	162	-	
plus Lost and found assets adjustment		_	-	-	-	
plus Adjustment resulting from asset allocation		7,158	(0)	(728)	(1,931)	
Total closing RAB value		151,867	154,613	161,678	166,070	
4(ii): Unallocated Regulatory Asset Base Total opening RAB value			Unallocate (\$000)	d RAB * (\$000) 168,748	RAB (\$000)	(\$00
				(\$000)		(\$00
Total opening RAB value				(\$000) 168,748		(\$00
Total opening RAB value less Total depreciation plus Total revaluations plus		r	(\$000)	(\$000) 168,748 6,483	(\$000)	; (\$000 1
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier		E		(\$000) 168,748 6,483		(\$00
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party		Ę	(\$000)	(\$000) 168,748 6,483 2,559	(\$000)	(\$00)
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less		Ę	(\$000)	(\$000) 168,748 6,483	(\$000)	(\$00)
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less Asset disposals (other than below)		[(\$000)	(\$000) 168,748 6,483 2,559	(\$000)	(\$00
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets acquired from a related party Assets acquired from a related party Asset secumissioned less Asset disposals (other than below) Asset disposals to a regulated supplier		Ē	(\$000)	(\$000) 168,748 6,483 2,559	(\$000)	(\$00)
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less Asset disposals (other than below)		Ē	(\$000)	(\$000) 168,748 6,483 2,559	(\$000)	(\$00)
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less Asset disposals (other than below) Asset disposals to a regulated supplier Asset disposals to a regulated supplier Asset disposals to a regulated supplier Asset disposals to a regulated supplier			(\$000)	(\$000) 168,748 6,483 2,559 10,983	(\$000)	(\$00
Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a regulated supplier Assets commissioned less Asset disposals (other than below) Asset disposals to a regulated supplier Asset disposals to a related party Asset disposals to a related party Asset disposals			(\$000)	(\$000) 168,748 6,483 2,559 10,983	(\$000)	(\$00

		Company Name	Eastland Network
		For Year Ended	31 March 2021
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.		
	is science requires immoniation of the calculation of the regulatory size to base (red) value of the end of this science requires immoniation for the calculation of the regulatory size to base (red) value of the end of this science requires a science s	ed in section 1.4 of the ID determina	tion), and so is subject to the assurance report
	quired by section 2.8.		····,,, ······························
sch re			
51			
52	4(iii): Calculation of Revaluation Rate and Revaluation of Assets		
53			
54	CPI ₄		1,068
55	CPI ₄ -4		1,052
56	Revaluation rate (%)		1.52%
57			
58		Unallocated RAB	
59			\$000) (\$000) (\$000)
60	Total opening RAB value	168,748	166,070
61 62	less Opening value of fully depreciated, disposed and lost assets	524	524
63	Total opening RAB value subject to revaluation	168,224	165,546
64	Total resultations	100,221	2,559 2,518
65			
66	4(iv): Roll Forward of Works Under Construction		
		Unallocated works u	inder
67		construction	Allocated works under construction
68	Works under construction—preceding disclosure year		2,698 767
69	plus Capital expenditure	10,781	10,781
70	less Assets commissioned	10,983	10,983
71	plus Adjustment resulting from asset allocation		(219)
72	Works under construction - current disclosure year		2,495 346
73			
74	Highest rate of capitalised finance applied		
75			

							(Company Name	Ea	astland Networ	k
								For Year Ended		31 March 2021	
Э	EDULE 4: REPORT ON VALUE OF THE RE	GULATORY	ASSET BASE		WARD)			L			
	chedule requires information on the calculation of the Regulatory			-	•	calculation in Schedu	ule 2.				
	must provide explanatory comment on the value of their RAB in S							tion 1.4 of the ID det	termination), and so	is subject to the ass	urance report
uir	red by section 2.8.										
F											
	4(v): Regulatory Depreciation										
								Unallocat	ed RAB *	RA	В
							_	(\$000)	(\$000)	(\$000)	(\$000)
	Depreciation - standard						_	6,483		6,483	
	Depreciation - no standard life assets						_				
	Depreciation - modified life assets						-				
	Depreciation - alternative depreciation in accordan Total depreciation	ce with CPP					L		6,483		6
	Total depreciation								6,483	L	0
	4(vi): Disclosure of Changes to Depreciation F	Profiles						(\$000 u	unless otherwise spe	cified)	
	.,								·	·	
										Closing RAB value	
									Depreciation		Closing RAB
					_				charge for the	standard'	under 'stand
	Asset or assets with changes to depreciation*				Keas	on for non-standard	depreciation (text e	ntry)	period (RAB)	depreciation	depreciati
	* include additional rows if needed										
	4(vii): Disclosure by Asset Category										
						(\$000 unless oth	erwise specified) Distribution				
		Subtransmission	Subtransmission		Distribution and	Distribution and	substations and	Distribution	Other network	Non-network	
		lines	cables	Zone substations	LV lines	LV cables	transformers	switchgear	assets	assets	Total
	Total opening RAB value	17,792	1,364	23,696	59,536	25,869	17,396	8,615	3,457	8,346	166
	less Total depreciation	676	33	992	2,001	778	675	402	404	521	6
	plus Total revaluations	270	21	360	905	393	264	131	52	121	2
	plus lotal conductors	883	117	1,335	3,825	666	827	412	2,226	693	10
	plus Assets commissioned		-	I	-	-	-	-	-	-	
	plus Assets commissioned less Asset disposals	-			-	-	-	-	-	-	
	lus Assets commissioned less Asset disposals plus Lost and found assets adjustment		-	-				-			
	plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation		-	-	-	-	-		-	(219)	
	plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers		-	-	-	-	-	-	-	-	
	plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation	-	-	-	-	_ _ 					
	plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers Total closing RAB value		-	-	-	-	-	-	-	-	
	plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers Total closing RAB value Asset Life	 18,269	_ _ 1,468	_ _ 24,399	_ 62,265	_ 26,150	- 17,812	- 8,755	- 5,332	- 8,420	172
	plus Assets commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers Total closing RAB value		-	-	-	-	-	-	-	-	

		Company Name	Eastland Network
		Company Name	31 March 2021
		For Year Ended	31 Warch 2021
		5a: REPORT ON REGULATORY TAX ALLOWANCE	
profi	t). EDBs must	ires information on the calculation of the regulatory tax allowance. This information is used to calculate regula provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Ex	xplanatory Notes).
This	information is	part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to	the assurance report required by section
sch ref			
7	5a(i): Re	egulatory Tax Allowance	(\$000)
8		Regulatory profit / (loss) before tax	8,408
9			
10	plus	Income not included in regulatory profit / (loss) before tax but taxable	*
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	7 *
12		Amortisation of initial differences in asset values	1,901
13		Amortisation of revaluations	172
14			2,079
15			
16	less	Total revaluations	2,518
17		Income included in regulatory profit / (loss) before tax but not taxable	*
18		Discretionary discounts and customer rebates	
19		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	*
20		Notional deductible interest	1,842
21 22			4,360
23	,	Regulatory taxable income	6,127
24			0,127
25	less	Utilised tax losses	
26		Regulatory net taxable income	6,127
27			
28		Corporate tax rate (%)	28%
29	I	Regulatory tax allowance	1,716
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 categories in Sc	:hedule 5a(i).
34	5a(iii): /	Amortisation of Initial Difference in Asset Values	(\$000)
35			
36		Opening unamortised initial differences in asset values	41,775
37	less	Amortisation of initial differences in asset values	1,901
38	plus	Adjustment for unamortised initial differences in assets acquired	
39	less	Adjustment for unamortised initial differences in assets disposed	
40		Closing unamortised initial differences in asset values	39,874
41			
42		Opening weighted average remaining useful life of relevant assets (years)	22
43			

			Factland Natural
		Company Name	Eastland Network
~			31 March 2021
		5a: REPORT ON REGULATORY TAX ALLOWANCE	tory profit/loss in Schodule 2 (seculatory
		uires information on the calculation of the regulatory tax allowance. This information is used to calculate regulat it provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Exp	
Thi		s part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the	
sch re	f		
44	5a(iv):	Amortisation of Revaluations	(\$000)
45			
46 47		Opening sum of RAB values without revaluations	154,472
48		Adjusted depreciation	6,312
49		Total depreciation	6,483
50		Amortisation of revaluations	172
51	- ()		·
52	5a(v): l	Reconciliation of Tax Losses	(\$000)
53 54		Opening tax losses	
54 55	plus	Current period tax losses	
56	less	Utilised tax losses	
57		Closing tax losses	-
58	5a(vi).	Calculation of Deferred Tax Balance	(\$000)
58 59	J a(vi).		(4000)
60		Opening deferred tax	(8,365)
61			
62	plus	Tax effect of adjusted depreciation	1,767
63	1000	Tay offers of terr derivation	1 750
64 65	less	Tax effect of tax depreciation	1,759
66	plus	Tax effect of other temporary differences*	119
67			
68 60	less	Tax effect of amortisation of initial differences in asset values	532
69 70	plus	Deferred tax balance relating to assets acquired in the disclosure year	
71	pius		
72	less	Deferred tax balance relating to assets disposed in the disclosure year	_
73			
74 75	plus	Deferred tax cost allocation adjustment	(4)
76		Closing deferred tax	(8,774)
77			
78	5a(vii):	Disclosure of Temporary Differences	
79		In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schea differences).	dule 5a(vi) (Tax effect of other temporary
80		ujjerence).	
81	5a(viii)	: Regulatory Tax Asset Base Roll-Forward	
82			(\$000)
83		Opening sum of regulatory tax asset values	77,201
84 05	less	Tax depreciation	6,281
85 86	plus less	Regulatory tax asset value of assets commissioned Regulatory tax asset value of asset disposals	10,983
87	plus	Lost and found assets adjustment	
88	plus	Adjustment resulting from asset allocation	(234)
<i>89</i>	plus	Other adjustments to the RAB tax value	- 04 550
90		Closing sum of regulatory tax asset values	81,669

Consumer connection	party transactions, in accordance with clause 2.3.6 efined in clause 1.4 of the ID determination), and so :tions		red by clause 2.8. (\$000) 648
dule provides information on the valuation of related mation is part of audited disclosure information (as de (i): Summary—Related Party Transace Total regulatory income Market value of asset disposals Service interruptions and emergencies Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	ARTY TRANSACTIONS party transactions, in accordance with clause 2.3.6 efined in clause 1.4 of the ID determination), and so tions	o f the ID determination. o is subject to the assurance report requi (\$000) 898 12 82 392	(\$000)
dule provides information on the valuation of related mation is part of audited disclosure information (as de (i): Summary—Related Party Transace Total regulatory income Market value of asset disposals Service interruptions and emergencies Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	party transactions, in accordance with clause 2.3.6 efined in clause 1.4 of the ID determination), and so :tions	o is subject to the assurance report requi (\$000) 898 12 82 392	(\$000)
(i): Summary—Related Party Transac Total regulatory income Market value of asset disposals Service interruptions and emergencies Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	efined in clause 1.4 of the ID determination), and so :tions	o is subject to the assurance report requi (\$000) 898 12 82 392	(\$000)
Total regulatory income Market value of asset disposals Service interruptions and emergencies Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection		898 12 82 392	
Total regulatory income Market value of asset disposals Service interruptions and emergencies Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection		898 12 82 392	
Total regulatory income Market value of asset disposals Service interruptions and emergencies Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection		12 82 392	648
Service interruptions and emergencies Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	inspection	12 82 392	
Service interruptions and emergencies Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	inspection	12 82 392	
Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	inspection	12 82 392	
Vegetation management Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	inspection	12 82 392	
Routine and corrective maintenance and Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	inspection	82 392	
Asset replacement and renewal (opex) Network opex Business support System operations and network support Operational expenditure Consumer connection	inspection	392	
Network opex Business support System operations and network support Operational expenditure Consumer connection			
Business support System operations and network support Operational expenditure Consumer connection		1,910	1,384
System operations and network support Operational expenditure Consumer connection		1,910	1,304
Operational expenditure Consumer connection		_	•
			3,294
		-	
System growth		15	
Asset replacement and renewal (capex)		71	
Asset relocations		_	
Quality of supply		2	
Legislative and regulatory			
Other reliability, safety and environment		_	
· ·			-
· · · · · · · · · · · · · · · · · · ·			89
			89
			3,383
Other related party transactions			179
(iii): Total Opex and Capex Related Pa	arty Transactions		
			Total value of
Name of solated party			transactions (\$000)
			71 15
			2
Eastech			898
Eastech	Vegetation management		12
Eastech	Asset replacement and renewal (opex)		26
Eastech		pection	82
Eastland Group Limited	Business support		1,910
Eastland Generation	Asset replacement and renewal (opex)		366
Total value of related party transactions	5		3,383
	Expenditure on non-network assets Expenditure on assets Cost of financing Value of capital contributions Value of vested assets Capital Expenditure Total expenditure Other related party transactions (iii): Total Opex and Capex Related Party Eastech	Expenditure on non-network assets Expenditure on assets Cost of financing Value of capital contributions Value of vested assets Capital Expenditure Total expenditure Other related party transactions (iii): Total Opex and Capex Related Party Transactions (iii): Total Opex and Capex Related Party Transactions Eastech Asset replacement and renewal (capex) Eastech System growth Eastech Quality of supply Eastech Vegetation management Eastech Vegetation management Eastech Routine and corrective maintenance and insp Eastech Asset replacement and renewal (opex) Eastech Asset replacement and renewal (opex) Eastech Asset replacement and renewal (opex) Eastech Asset replacement and renewal (opex)	Expenditure on non-network assets Expenditure on assets Cost of financing Value of capital contributions Value of vested assets Capital Expenditure Total expenditure Other related party transactions (iii): Total Opex and Capex Related Party Transactions (iii): Total Opex and Capex Related Party Transactions Eastech Asset replacement and renewal (capex) Eastech System growth Eastech Quality of supply Eastech Service interruptions and emergencies Eastech Vegetation management Eastech Asset replacement and renewal (opex) Eastech Service interruptions and emergencies Eastech Service interruptions and emergencies Eastech Asset replacement and renewal (opex) Eastech Routine and corrective maintenance and inspection Eastech Routine and corrective maintenance and inspection Eastech Business support Eastend Group Limited Business support Eastend Generation Asset replacement and renewal (opex) Total value of related party transactions Asset replacement and renewal (opex

									~ · · ·	E a a la a a l	National
									Company Name	Eastland	
									For Year Ended	31 Marc	ch 2021
	SCHE	EDULE	5c: REPORT ON TERM CREDIT SPREAD DIFFEREI	NTIAL ALLOV	VANCE						
			nly to be completed if, as at the date of the most recently published financial					ying debt and non-q	ualifying debt) is gre	ater than five years.	
	This info	ormation	is part of audited disclosure information (as defined in section 1.4 of the ID de	etermination), and s	o is subject to the a	ssurance report requ	ired by section 2.8.				
sc	n ref										
	7	- (1) -									
		5c(i): Q	ualifying Debt (may be Commission only)								
	9										
						Original tenor (in		Book value at	Book value at date of financial	Term Credit	Debt issue cost
1	0		Issuing party	Issue date	Pricing date	years)	Coupon rate (%)		statements (NZD)		readjustment
1	1										
	2	-									
	3 4	-									
	+ 5	-									
	6	L	* include additional rows if needed						-	-	-
	7										
		5c(ii): A	ttribution of Term Credit Spread Differential								
	9 0	Gr	oss term credit spread differential				ſ				
	1	GI					l				
	2		Total book value of interest bearing debt								
2	3		Leverage		42%						
	4		Average opening and closing RAB values								
	5 6	Att	tribution Rate (%)			-					
	D 7	Те	rm credit spread differential allowance			_					
		10									

			Company Name	E	Eastland Netwo	
			For Year Ended		31 March 202:	1
S	CHEDULE 5d: REPORT ON COST ALLOCATIONS					
	is schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation ir			es), including on the	impact of any reclas	sifications.
T	is information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance	e report required by s	ection 2.8.			
sch r	ef					
7	5d(i): Operating Cost Allocations					
8			Value alloca			
		Annala lan ath	Electricity distribution	Non-electricity distribution		OVABAA allocation
9		Arm's length deduction	services	services	Total	increase (\$000s)
10	Service interruptions and emergencies					
11	Directly attributable		1,514			
12	Not directly attributable				-	
13	Total attributable to regulated service		1,514			
14	Vegetation management					
15	Directly attributable		1,113			
16	Not directly attributable				-	
17	Total attributable to regulated service		1,113			
18	Routine and corrective maintenance and inspection					
19	Directly attributable		1,330			
20	Not directly attributable				-	
21	Total attributable to regulated service		1,330			
22	Asset replacement and renewal					
23	Directly attributable		689			
24	Not directly attributable				-	
25	Total attributable to regulated service		689			
26	System operations and network support					
27	Directly attributable		2,764			
28	Not directly attributable				-	
29	Total attributable to regulated service		2,764			
30	Business support					
31	Directly attributable		3,117		-	
32	Not directly attributable				-	
33 34	Total attributable to regulated service		3,117			
34	Operating costs directly attributable		10,526			
36	Operating costs on ectly attributable	-	-	_	-	- 1
37	Operational expenditure		10,526			
38						
- 38						

		Compan	ny Name	Eastland Network
		For Yea	ar Ended	31 March 2021
S	CHEDULE 5d: REPORT ON COST ALLOCA	TIONS		
		costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Expland d in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.		ncluding on the impact of any reclassifications.
sch re	f			
39	5d(ii): Other Cost Allocations			
40	Pass through and recoverable costs	(\$0	000)	
41	Pass through costs			
42	Directly attributable		400	
43	Not directly attributable			
44	Total attributable to regulated service		400	
45	Recoverable costs			
46 47	Directly attributable		5,814	
47 48	Not directly attributable Total attributable to regulated service		5,814	
49			3,014	
50	5d(iii): Changes in Cost Allocations* †			
51	Su(iii). Changes in cost Anocatons			(\$000)
52	Change in cost allocation 1			CY-1 Current Year (CY)
53	Cost category	Original a	allocation	
54	Original allocator or line items	New alloc		
55	New allocator or line items	Difference	:e	
56				
57	Rationale for change			
58 59				
59 60				(\$000)
61	Change in cost allocation 2			CY-1 Current Year (CY)
62	Cost category	Original a	allocation	
63	Original allocator or line items	New alloc		
64	New allocator or line items	Difference	ce 🖉	
65				
66	Rationale for change			
67				
68 69				(\$000)
70	Change in cost allocation 3			CY-1 Current Year (CY)
71	Cost category	Original a	allocation	
72	Original allocator or line items	New alloc		
73	New allocator or line items	Difference	ce	
74				
75	Rationale for change			
76				
77	*			
78 79	* a change in cost allocation must be completed for each co. † include additional rows if needed	t allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a ch	ange in allocat	or or component.
19	· moude additional rows ij needed			

		Company Name	Eastland Network							
		For Year Ended	31 March 2021							
	CHEDULE 5e: REPORT ON ASSET ALLOC									
ED	This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.									
ch re	f									
7	5e(i): Regulated Service Asset Values									
			Value allocated							
8			(\$000s)							
9			Electricity distribution services							
10	Subtransmission lines	-								
11 12	Directly attributable Not directly attributable	-	18,269							
13	Total attributable to regulated service		18,269							
14	Subtransmission cables	-								
15 16	Directly attributable Not directly attributable	-	1,468							
17	Total attributable to regulated service		1,468							
18	Zone substations	-								
19 20	Directly attributable Not directly attributable	-	24,399							
21	Total attributable to regulated service		24,399							
22	Distribution and LV lines									
23 24	Directly attributable Not directly attributable		62,265							
25	Total attributable to regulated service		62,265							
26	Distribution and LV cables									
27 28	Directly attributable Not directly attributable	-	26,150							
29	Total attributable to regulated service		26,150							
30	Distribution substations and transformers	-								
31 32	Directly attributable Not directly attributable	-	17,812							
33	Total attributable to regulated service		17,812							
34	Distribution switchgear	-								
35 36	Directly attributable Not directly attributable	-	8,755							
37	Total attributable to regulated service		8,755							
38	Other network assets	-								
39 40	Directly attributable Not directly attributable	-	5,332							
41	Total attributable to regulated service		5,332							
42	Non-network assets									
43 44	Directly attributable Not directly attributable	-	8,420							
45	Total attributable to regulated service		8,420							
46 47	Regulated service asset value directly attributable	r	172,870							
48	Regulated service asset value not directly attributa	ble								
<i>49</i>	Total closing RAB value	l	172,870							
50										
51	5e(ii): Changes in Asset Allocations* †		(4)							
52 53	Change in asset value allocation 1		(\$000) CY-1 Current Year (CY)							
54	Asset category		Original allocation							
55 56	Original allocator or line items New allocator or line items		New allocation Difference – –							
50 57	New anotator of fille items									
58	Rationale for change									
59 60										
61			(\$000)							
62 63	Change in asset value allocation 2 Asset category		CY-1 Current Year (CY) Original allocation							
64	Original allocator or line items		New allocation							
65	New allocator or line items		Difference – –							
66 67	Rationale for change									
68										
69 70			(\$000)							
70	Change in asset value allocation 3		CY-1 Current Year (CY)							
72	Asset category		Original allocation							
73 74	Original allocator or line items New allocator or line items		New allocation Difference – –							
75										
76 77	Rationale for change									
78										
79		llocator or component change that has occurred in the disclosure year. A mov	vement in an allocator metric is not a change in allocator or compone							
80	† include additional rows if needed									

17

	Company Name	Eastland Network
	For Year Ended	31 March 2021
sc		
This but EDB	s schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis is must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the	and must exclude finance costs.
h ref		
7	6a(i): Expenditure on Assets	(\$000) (\$000)
8	Consumer connection	32
9	System growth	165
10	Asset replacement and renewal	8,317
11	Asset relocations	_
12	Reliability, safety and environment:	201
13	Quality of supply	381
14 15	Legislative and regulatory Other reliability, safety and environment	23
16	Total reliability, safety and environment	404
17	Expenditure on network assets	8,919
18	Expenditure on non-network assets	310
19		
20	Expenditure on assets	9,229
21	plus Cost of financing	
22	less Value of capital contributions	-
23	plus Value of vested assets	1,552
24		
25	Capital expenditure	10,781
26	6a(ii): Subcomponents of Expenditure on Assets (where known)	(\$000)
27	Energy efficiency and demand side management, reduction of energy losses	
28	Overhead to underground conversion	
29	Research and development	
30	6a(iii): Consumer Connection	
31	Consumer types defined by EDB*	(\$000) (\$000)
32	Residential	32
33	Commercial Industrial	-
34 37	* include additional rows if needed	
38	Consumer connection expenditure	32
39		
40	less Capital contributions funding consumer connection expenditure	
41	Consumer connection less capital contributions	32
		Asset
42	6a(iv): System Growth and Asset Replacement and Renewal	Replacement and
13 14		System Growth Renewal (\$000) (\$000)
44 45	Subtransmission	4 1,937
45 46	Zone substations	- 712
40 47	Distribution and LV lines	54 4,080
48	Distribution and LV cables	16 347
49	Distribution substations and transformers	91 614
50	Distribution switchgear	- 406
51	Other network assets	- 221
52	System growth and asset replacement and renewal expenditure	165 8,317
53	less Capital contributions funding system growth and asset replacement and renewal	
54	System growth and asset replacement and renewal less capital contributions	165 8,317
55		
56	6a(v): Asset Relocations	
57	Project or programme*	(\$000) (\$000)
58	Asset relocations (for Territorial authorities)	-
63	* include additional rows if needed	
64	All other projects or programmes - asset relocations	
	Asset relocations expenditure	-
65		
	less Capital contributions funding asset relocations Asset relocations less capital contributions	

		Company Name	Eastland Network
		For Year Ended	31 March 2021
This but EDB	s schedule re excluding as 3s must prov	E Ga: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR quires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect sets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basi ide 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	s and must exclude finance costs.
sch ref	r		
	Caluily	Quality of Supply	
69	oa(vi)	Quality of Supply	
70		Project or programme*	(\$000) (\$000)
71		50 kV cables CA report/ test equipment	-
		11kV Field Recloser Automation Plan - additions	308
72		SCADA Master Station Development	17
73 76		Trailer mounted 30KVA Generator	56
76 77		 include additional rows if needed All other projects programmes - quality of supply 	
78		Quality of supply expenditure	381
78	less	Capital contributions funding quality of supply	301
80	.055	Quality of supply less capital contributions	381
81	6a(vii)	: Legislative and Regulatory	
82		Project or programme*	(\$000) (\$000)
83			
88		* include additional rows if needed	
89		All other projects or programmes - legislative and regulatory	
90		Legislative and regulatory expenditure	
91	less	Capital contributions funding legislative and regulatory	
92		Legislative and regulatory less capital contributions	
93	6a(viii	: Other Reliability, Safety and Environment	
94		Project or programme*	(\$000) (\$000)
95		Service Fuse Boxes & Meter Bds to Replace Galv Meter Box (Asbestos), 100pa from 2017- Safe <mark>t</mark> y	23
100		* include additional rows if needed	
101		All other projects or programmes - other reliability, safety and environment	22
102	1	Other reliability, safety and environment expenditure	23
103 104	less	Capital contributions funding other reliability, safety and environment	23
104		Other reliability, safety and environment less capital contributions	25
106	6a(ix):	Non-Network Assets	
107		Routine expenditure	
108		Project or programme*	(\$000) (\$000)
109		Vehicle Replacements	180
110		Test Instrument & Safety Equipment, (inc Lone worker 19/20 additional/upgrade)	22
111		General asset replacement (Ntk)	81
112		General building capex (ENL office, Eastech, Wairoa Depot)	28
114		* include additional rows if needed	
115 116		All other projects or programmes - routine expenditure Routine expenditure	310
117		typical expenditure	
118		Project or programme*	(\$000) (\$000)
119			
120			
124		* include additional rows if needed	
125		All other projects or programmes - atypical expenditure	
		Atypical expenditure	-
126			
		Expenditure on non-network assets	310

	Company Name	Eastland Network							
	For Year Ended 31 March								
S	SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR								
TI El e:	his schedule requires a breakdown of operational expenditure incurred in the disclosure year. DBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanator openditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insura his information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance repor	ance.							
sch	ref								
7	6b(i): Operational Expenditure	(\$000)	(\$000)						
8	Service interruptions and emergencies	1,514							
9	Vegetation management	1,113							
10	Routine and corrective maintenance and inspection	1,330							
11	Asset replacement and renewal	689							
12	Network opex		4,645						
13	System operations and network support	2,764							
14	Business support	3,117							
15	Non-network opex	L	5,881						
16		-	a						
17	Operational expenditure	L	10,526						
18	6b(ii): Subcomponents of Operational Expenditure (where known)								
19	Energy efficiency and demand side management, reduction of energy losses	Γ							
20	Direct billing*								
21	Research and development								
22	Insurance		303						
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers								

Company Name	Eastland Network
For Year Ended	31 March 2021

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.

	7	7(i): Revenue	Target (\$000) ¹	Actual (\$000)	% variance
	8	Line charge revenue	28,926	28,767	(1%)
			· · · · ·		<u> </u>
	9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
-	10	Consumer connection	112	32	(71%)
-	11	System growth	1,002	165	(83%)
-	12	Asset replacement and renewal	7,785	8,317	7%
-	13	Asset relocations	50	-	(100%)
	14	Reliability, safety and environment:	· · · · · ·		
	15	Quality of supply	157	381	143%
	16	Legislative and regulatory	-	-	-
	17	Other reliability, safety and environment	341	23	(93%)
	18 10	Total reliability, safety and environment	498	404	(19%)
	19 20	Expenditure on network assets	9,446	8,919	(6%)
	20 24	Expenditure on non-network assets	54	310	475%
4	21	Expenditure on assets	9,500	9,229	(3%)
1	22	7(iii): Operational Expenditure			
ł	23	Service interruptions and emergencies	1,387	1,514	9%
à	24	Vegetation management	1,065	1,113	5%
4	25	Routine and corrective maintenance and inspection	1,468	1,330	(9%)
ł	26	Asset replacement and renewal	1,810	689	(62%)
2	27	Network opex	5,730	4,645	(19%)
ż	28	System operations and network support	2,392	2,764	16%
ł	29	Business support	3,778	3,117	(18%)
1.1	30	Non-network opex	6,170	5,881	(5%)
1.1	31	Operational expenditure	11,901	10,526	(12%)
1	32	7(iv): Subcomponents of Expenditure on Assets (where known)			
1	33	Energy efficiency and demand side management, reduction of energy losses		-	-
	34	Overhead to underground conversion		-	-
	35	Research and development		-	-
1	36				
1	37	7(v): Subcomponents of Operational Expenditure (where known)		
	38	Energy efficiency and demand side management, reduction of energy losses		-	-
3	39	Direct billing		-	-
4	40	Research and development		-	-
4	41	Insurance	312	303	(3%)
4	42				
4	43	1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3	3(3) of this determind	ition	
		2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.	.6.6 for the forecast p	eriod starting at the	beginning of the
4	44	disclosure year (the second to last disclosure of Schedules 11a and 11b)			

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

tion Dicel

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ation 1 to 10 ENI 2021

	8(i): Billed Quantities by Price Component									
9										
10										
11										
12										
			Standard or non- standard	Average no. of	Energy delivered to ICPs in					
	Consumer group name or	Consumer type or types (eg,		ICPs in disclosure	disclosure year					
13	price category code	residential, commercial etc.)	(specify)	year	(MWh)					
14	<u> </u>									
15	LFC0030	Domestic	Standard	14,602	76,419					
16	STD0003	Non-Domestic, Commercial	Standard	261	843.					
17	STD0030	Combined Domestic & Non-Domesti	Standard	10,353	92,377.					
18	STD0100	Non-Domestic, Commercial	Standard	402	24,088.					
19	STD0300	Non-Domestic, Commercial	Standard	98	16,202					
20	TOU0300	Non-Domestic, Commercial	Standard	8	3,408.					
	TOU0500	Non-Domestic, Commercial	Standard	22	9,615					
	TOU1000	Non-Domestic, Commercial	Standard	25	30,581.					
	TOU4500	Non-Domestic, Commercial	Standard	3	24,028.					
	TOU6500	Non-Domestic, Commercial	Standard	1	6,704.					
	GEN1000	Security - Gensets	Standard	6	0.					
	GEN4500	Generation - Clear Water Hydro	Standard	1	0.					
	GEN6500	Generation (Waihi)	Standard	1	0.					
25	Add extra rows for additional	l consumer groups or price category co	odes as necessary							
26		Standard	consumer totals	25,783	284,269.					
27		Non-standard	consumer totals	n/a	n/a					
28		Total	for all consumers	25,783	284,269.					

	Billed quantities by p	price component						
Price component	Fixed	Variable Uncontrolled	Variable Controlled	Variable Night (Mass Market)	Variable Evening Peak (TOU)	Variable Morning Peak (TOU)	Variable Off Peak (TOU)	Variable Night (TOU)
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	Days	kWh	kWh	kWh	kWh	kWh	kWh	kWh
	5,329,730	57,835,053	18,584,027					
	95,265	843,362						
	3,778,845	77,306,124	15,071,719					
	146,730	23,595,117	493,407					
	35,770	16,191,013	11,705					
	2,920			-	627,655	955,765	1,152,906	672,217
	8,030				1,555,369	2,340,301	3,086,491	2,633,498
	9,125	(105)			4,940,802	7,525,163	9,817,085	8,298,914
	1,095				3,898,624	5,579,059	7,417,232	7,133,200
	365				975,340	1,771,633	2,081,462	1,875,703
	2,190							
	365							
	365							
	9,410,795	175,770,565	34,160,858	-	11,997,790	18,171,921	23,555,176	20,613,532
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9,410,795	175,770,565	34,160,858	-	11,997,790	18,171,921	23,555,176	20,613,532

Company Name For Year Ended Network / Sub-Network Name Eastland Network Ltd 31 March 2021 Gisborne & Wairoa

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.

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ŝ	1	8(ii): Line Charge Reve	nues (\$000) by Price Comp	oonent													
	2 3									Line charge revenues	(\$000) by price cor	nponent					
3	24								Price component	Fixed Component Only	Variable Uncontrolled (Mass Market)	Variable Controlled (Mass Market)	Variable Night (Mass Market)	Variable Evening Peak (TOU)	Variable Morning Peak (TOU)	Variable Off Peak (TOU)	Variable Night (TOU)
	25	Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	Total line charge	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, \$ per day, \$ per kWh, etc.)	\$ per day	\$ per kWh	\$ per kWh	\$ per kWh	\$ per kWh	\$ per kWh	\$ per kWh	\$ per kWh
	7	LFC0030	Domestic	Standard	\$9,941		\$8,990.6	\$950.7		\$856.3	\$7,642.5	\$1,442.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	8	STD0003	Non-Domestic, Commercial	Standard	\$150		\$125.0	\$25.3		\$45.1	\$105.3	\$0.0		\$0.0	\$0.0	\$0.0	
	9	STD0030	Combined Domestic & Non-Domes	tioStandard	\$11,253		\$7,727.5	\$3,525.8		\$7,328.4	\$3,471.4	\$453.4		\$0.0	\$0.0	\$0.0	
4	0	STD0100	Non-Domestic, Commercial	Standard	\$2,637		\$2,106.7	\$530.4		\$1,138.5	\$1,478.5	\$20.1	\$0.0	\$0.0	\$0.0	\$0.0	
		STD0300	Non-Domestic, Commercial	Standard	\$1,381		\$1,120.6	\$260.3		\$562.2	\$818.3	\$0.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		TOU0300	Non-Domestic, Commercial	Standard	\$179		\$145.1	\$33.7		\$76.1	\$0.0	\$0.0	\$0.0	\$25.2	\$35.3	\$32.8	\$9.4
		TOU0500	Non-Domestic, Commercial	Standard	\$552		\$447.9	\$104.3		\$235.8	\$0.0	\$0.0	\$0.0	\$70.5	\$98.5	\$101.9	\$45.6
		TOU1000	Non-Domestic, Commercial	Standard	\$1,425		\$1,193.0	\$231.8		\$416.4	\$0.0	-		\$223.8	\$316.9	\$324.0	\$143.6
		TOU4500	Non-Domestic, Commercial	Standard	\$896		\$778.6			\$124.5	\$0.0			\$173.9	\$231.0	\$243.3	\$123.4
		TOU6500	Non-Domestic, Commercial	Standard	\$281		\$239.2	-		\$63.1	\$0.0	\$0.0		\$43.5	\$73.3	\$68.3	\$32.4
		GEN4500	Generation - Clear Water Hydro	Standard	\$28		\$28.3	\$0.0		\$28.3	\$0.0	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0 \$0.0
	7	GEN6500	Generation (Waihi)	Standard	\$43		\$43.0	\$0.0	l	\$43.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	8	Aud extra rows for additional	consumer groups or price category of Standar	rd consumer totals		\$0.0	\$22,945.3	\$5,821.4		\$10,917.7	\$13,515.9	\$1,916.4	\$0.0	\$536.8	\$755.1	\$770.3	\$354.4
	9			d consumer totals	n/a	n/a	n/a	n/a		n/a	n/a	n/a	,0.0 n/a	n/a	n/a	n/a	n/a
	0		Tota	I for all consumers	\$28,766.7	-	\$22,945.3	-		\$10,917.7	\$13,515.9	\$1,916.4	\$0.0	-	\$755.1	\$770.3	-
4 4	1	8(iii): Number of ICPs of Number of directly billed ICPs		7			Check										

n EDB ID data

ation 1 to 10 ENU 2021

Company Name For Year Ended Network / Sub-Network Name Eastland Network Ltd 31 March 2021 Gisborne & Wairoa

Company	v Name Eastland Network
For Year	r Ended 31 March 2021
Network / Sub-network	k Name All

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.

9		Asset category	Asset class	Units	year (quantity)	year (quantity)	Net change	(1–4)
	All	Overhead Line	Concrete poles / steel structure	No.	17,063	17,365	(302)	3
10	All	Overhead Line	Wood poles	No.	18,043	17,740	303	3
11	All	Overhead Line	Other pole types	No.	-	-	-	N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	336	336	0	1
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	307	307	0	2
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	1	1	0	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	_	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	_	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	_	_	_	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	_	_	_	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	19	19	_	2
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	11	11	_	2
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.			_	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	45	47	(2)	2
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	N/A
8	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	2	2	_	3
9	HV	Zone substation switchgear	33kV RMU	No.	-			N/A
								N/A N/A
0	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.		-	-	3
1	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	1	1	-	
2	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	112	112	-	4
3	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	/	7	-	2
4	HV	Zone Substation Transformer	Zone Substation Transformers	No.	44	39	5	4
5	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,387	2,379	8	1
6	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
7	HV	Distribution Line	SWER conductor	km	1	1	(0)	1
8	HV	Distribution Cable	Distribution UG XLPE or PVC	km	38	39	(1)	1
9	HV	Distribution Cable	Distribution UG PILC	km	102	102	(0)	1
0	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
1	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	38	38	-	2
2	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	15	15	-	2
3	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	4,449	4,410	39	2
14	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	77	73	4	4
5	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	314	287	27	2
6	HV	Distribution Transformer	Pole Mounted Transformer	No.	3,046	3,047	(1)	2
7	HV	Distribution Transformer	Ground Mounted Transformer	No.	551	556	(5)	4
8	HV	Distribution Transformer	Voltage regulators	No.	11	11	-	3
9	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	N/A
0	LV	LV Line	LV OH Conductor	km	505	504	1	1
1	LV	LV Cable	LV UG Cable	km	273	274	(1)	1
2	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	22	22	(0)	1
3	LV	Connections	OH/UG consumer service connections	No.	26,300	26,254	46	1
4	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	191	172	19	3
5	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1,129	1,111	18	1
6	All	Capacitor Banks	Capacitors including controls	No	1	1,111	-	3
7	All	Load Control	Centralised plant	Lot	8	8	_	2
8	All	Load Control	Relays	No	17,013	17,013		1
59	All	Civils	Cable Tunnels	km	17,015	17,013	_	N/A

	Company Name	Eastland Network
	For Year Ended	31 March 2021
	Network / Sub-network Name	Gisborne
SCHEDULE 9a: ASSET REGISTER		

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

					Items at start of	Items at end of		Data accuracy
8	Voltage	Asset category	Asset class	Units	year (quantity)	year (quantity)	Net change	(1-4)
9	All	Overhead Line	Concrete poles / steel structure	No.	13,731	13,971	(240)	3
10	All	Overhead Line	Wood poles	No.	14,029	13,764	265	3
11	All	Overhead Line	Other pole types	No.	-	-	-	N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	269	269	0	1
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	180	180	0	2
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	1	1	0	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	17	17	-	2
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	5	5	-	2
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	42	44	(2)	2
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	_	-	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	-	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.	-	-	-	N/A
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	86	86	-	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	5	5	-	2
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	32	25	7	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,706	1,698	8	1
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	33	35	(2)	1
39	HV	Distribution Cable	Distribution UG PILC	km	87	86	1	1
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.	23	25	(2)	2
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	15	15	-	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	3,331	3,304	27	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	61	57	4	4
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	272	243	29	2
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,255	2,263	(8)	2
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	459	463	(4)	4
48	HV	Distribution Transformer	Voltage regulators	No.	8	8	-	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	N/A
50	LV	LV Line	LV OH Conductor	km	371	370	1	1
51	LV	LV Cable	LV UG Cable	km	222	221	1	1
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	21	21	(0)	1
53	LV	Connections	OH/UG consumer service connections	No.	21,329	21,283	46	1
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	152	133	19	3
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	969	950	19	1
56	All	Capacitor Banks	Capacitors including controls	No	1	1	-	3
57	All	Load Control	Centralised plant	Lot	5	5	-	2
58 59	All	Load Control Civils	Relays	No km	17,013	17,013	-	1 N/A
59	All	CIVIIS	Cable Tunnels	кт		-	-	N/A

Company Name	Eastland Network
For Year Ended	31 March 2021
Network / Sub-network Name	Wairoa
SCHEDULE 9a: ASSET REGISTER	

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

					Items at start of	Items at end of		Data accuracy
8	Voltage	Asset category	Asset class	Units	year (quantity)	year (quantity)	Net change	(1-4)
9	All	Overhead Line	Concrete poles / steel structure	No.	3,332	3,394	(62)	3
10	All	Overhead Line	Wood poles	No.	4,014	3,976	38	3
11	All	Overhead Line	Other pole types	No.	-	-	-	N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	67	67	(0)	1
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	127	127	(0)	2
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	0	0	-	3
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	2	2	-	2
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	6	6	-	2
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	3	3	-	2
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	2	2	-	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.	1	1	-	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	26	26	-	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	2	2	-	2
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	12	12	-	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	680	681	(1)	1
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
37	HV	Distribution Line	SWER conductor	km	1	1	(0)	1
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	5	5	(0)	1
39	HV	Distribution Cable	Distribution UG PILC	km	15	15	0	1
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.	15	13	2	2
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.	1,118	1,106	12	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	16	16	-	4
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	42	44	(2)	2
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	791	784	7	2
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	92	93	(1)	4
48	HV	Distribution Transformer	Voltage regulators	No.	3	3	-	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	N/A
50	LV	LV Line	LV OH Conductor	km	134	134	(0)	1
51	LV	LV Cable	LV UG Cable	km	52	52	0	1
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	1	1	(0)	1
53	LV	Connections	OH/UG consumer service connections	No.	4,971	4,971	-	1
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	39	39	-	3
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	160	161	(1)	1
56	All	Capacitor Banks	Capacitors including controls	No	-	-	-	N/A
57	All	Load Control	Centralised plant	Lot	3	3	-	2
58	All	Load Control	Relays	No	-	-	-	N/A
59	All	Civils	Cable Tunnels	km	-	-	-	N/A

																								Company N	ame					Eastland N	etwork			
																								For Year En						31 March				
																						Netwo		-network N						All				
~	HEDI	E 9b: ASSET AGE PROFI	IF																				, 545											
			LE (based on year of installation) of the assets that make up the networ	k by arrat cate	wand areas	clarg All cost	tr relation to	le and line -	crate that	expressed in	km refe-t-	circuit le	thr																					
	is scriedule i	equires a summary of the age prome	(dased on year of instanacion) of the assets that make up the network	k, by asset category	y and asset i	class. All util	is relating to cab	ie and line a	ssets, triat are	expressed ii	rkin, reier to	circuit leng	un.																					
ref																																		
8		Disclosure Year (year ended)								Numb	er of assets a	it disclosure	year end by	installatio	in date																	***	Items at No. wit	
					1940	1950			80 1990																							age		it Data accura
	Voltage	Asset category	Asset class	Units pre-1940	0 -1949	-1959			189 -1999					2004					2010					2015 20					2021 2	2022 2023	2024 20	025 unknown	year dates	
	All	Overhead Line	Concrete poles / steel structure	No. (0 1	1 98	258	4,740	,206 2,87		4,767	800	244	284	398	254		91 40				362	388	390	100	223 37			19	0 0	0	0 7	17,365	2
	All	Overhead Line	Wood poles	No. (0 146	6 2,150	4,208	1,757	,488 2,96	468	841	247	130	186	150	170	188	86 27	0 241	211	186	208	150	200	192	106 16	4 13	283	6	0 0	0	0 5	17,740	2
	All	Overhead Line	Other pole types	No.	-		116	-					-	-		-		-					-			-	-	- 1	1		-		2	N/A
	HV	Subtransmission Line Subtransmission Line	Subtransmission OH up to 66kV conductor	km 0		- 72		71	37	6 7	4	3	11		5	4	0	0				0	-	0	0	-					-		336	1
	HV HV	Subtransmission Line Subtransmission Cable	Subtransmission OH 110kV+ conductor Subtransmission UG up to 66kV (XLPE)	km u	U 1/	86	61	111	30	- 0			-	•											-		, .				-		307	3
	HV	Subtransmission Cable	Subtransmission UG up to 66kV (ALPE)	km							0	-			*	1						-											-	N/A
	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km									1														1	1					-	N/A
	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km						-				-	-			-				-			-	-	1						-	N/A
	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-			-	-	-		-	-	-	-	-		-				-	-		-	-	1	1					-	N/A
	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-					-		-		-				-			-	-			-	-							-	N/A
1	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	-	-	-			-	-		-		-					-		-	-							-	N/A
2	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km		-		-					-					-				-			-	-							-	N/A
	HV	Subtransmission Cable	Subtransmission submarine cable	km	-			-		-								-				-	-		-	-							-	N/A
	HV	Zone substation Buildings	Zone substations up to 66kV	No.	-			2	3	5	2		1	1	-	1	1	1	- 1	-	-	-	-	-	-	-	- 1		-				19	2
	HV	Zone substation Buildings	Zone substations 110kV+	No.	-		-	-	7	2				-				-	- 1	1						-	-		-		-		11	2
	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.								_																					- 47	N/A 2
	HV HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-		4	1 5	2	2	1	3	5	4	6	2	- 2	2	2	-			3		- 4	-			-		47	2 N/A
	HV HV	Zone substation switchgear	33kV Switch (Ground Mounted) 33kV Switch (Pole Mounted)	NO.	-	+				-	-								+	1			-				+	-					-	N/A
	HV HV	Zone substation switchgear Zone substation switchgear	33kV Switch (Pole Mounted) 33kV RMU	NO.	1			- 1		1	2							1	1 .			1			-	-	1		-		-		-	3 N/A
	HV	Zone substation switchgear Zone substation switchgear	22/33kV CB (Indoor)	NO.		1																	_				1						_	N/A N/A
	HV	Zone substation switchgear	22/33kV CB (Dutdoor)	No.			-	-		-		-		-	1	-	-	-		-		-	-		-	-	-		-				1	3
	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-		-	11	27	8 9	-	20	10		-	7	-	4		-		3	-	8	-	5	-		-		-		112	3
	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	-		4			-	-		-	-	-	-				-		1	-	1 1		-		-		7	2
85	HV	Zone Substation Transformer	Zone Substation Transformers	No.	. 3	6	4	1	4	4 3	3		1	1		2	1								-	-						. 2	39	4
	HV	Distribution Line	Distribution OH Open Wire Conductor	km 63	3 86	517	880	348	200 17	1 11	7	11	4	8	8	6	9	2	4	3	2	4	2	8	3	6	5 5	2	0				2,379	1
	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km																													-	N/A
	HV	Distribution Line	SWER conductor	km	-		-	-	1	-			-	-				-		-		-			-	-	-		-		-		1	1
	HV	Distribution Cable	Distribution UG XLPE or PVC	km		- 0	1	3	6	6 0	1	0	0	0	1	2	1	2 1	1	1	0	0	0	1	2	1	3	1	0			- 0	39	1
	HV	Distribution Cable	Distribution UG PILC	km	-	. 1	8	12	27 2	3 2	5	4	2	1	2	2	3	1 3	1	1	0	0	0	0	1	1	0						101	1 N/A
	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	6		2			-				10		-					-										82	N/A 2
	HV HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionaliser 3.3/6.6/11/22kV CB (Indoor)	NO.	1 .	2	b	4	3	4	3	7	а	ь	/	10	5	3	1 .	2	1	1			-	*	1 1	5	-			· 1	82	2
	HV	Distribution switchgear Distribution switchgear	3.3/6.6/11/22kV CB (Indoor) 3.3/6.6/11/22kV Switches and fuses (pole mounted)	No		- 220	789	687	415 44	9 63	116	128	103	121	80	136	69	n e	ເ ຍາ	20	50	65	89	111	- 88	62 8	74	71	7				4,410	2
	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No	1		6	5	8	- 33 S 1	110	16	2			130											. /*				1	- 1	73	1
	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	-	-	3	8	13 6	2 7	27	26	3	7	2	18	7	9	1 5	3	4	4	4	8	22	10 1	9	6	-		-	- 3	287	2
	HV	Distribution Transformer	Pole Mounted Transformer	No.	-	- 80	585	456	319 32	2 28	93	52	79	73	115	61	52	14 4	51	36	44	54	56	57	39	46 5	8 44	48	4		-	- 107	3,047	2
8	HV	Distribution Transformer	Ground Mounted Transformer	No.	-	- 8	27	21	27 3	4 31	55	31	13	28	21	21	25	3	8 14	14	9	12	17	12	18	16	8 16	15	2		-	- 40	556	3
9	HV	Distribution Transformer	Voltage regulators	No.			3		3	-	1											2					-				-	- 1	10	2
)	HV	Distribution Substations	Ground Mounted Substation Housing	No.																													-	N/A
	LV	LV Line	LV OH Conductor	km 7	7 32	111	163	68	52 4	-	7	4	1	2	0	0	1	1 (0 0	0	0	0	0	1	0	0	0	0	0		-		504	1
	LV	LV Cable	LV UG Cable	km 0	0 .	- 3	20	42	64 3		16	14	8	5	5	4	7	6	5 2	3	3	3	1	2	2	3	1 4	1	0			- 1	274	1
	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	1 .	- 1	1	2		6 0	2	1	1	0	0	0	1	0	1 1	0	0	0	0	0	-	0	1	-	-				22	1
	LV All	Connections	OH/UG consumer service connections	No.	526	1,988	5,084 4	4,916 4	,906 3,90		334	321	361	321	273	353	363 2 10	17 21	186	235	157	175	159	188		157 17	177	47	-				26,254	1
		Protection	Protection relays (electromechanical, solid state and numeric)	No.	1	-	<u> </u>	1	10 1		25	3	21	7	6	10		1 2	19	2	23	23	4	-	14	6	1	-	-				172	2
		SCADA and communications	SCADA and communications equipment operating as a single sys	Lot	1	-	1	-	27 12	9 66	61	41	103	50	65	26	21	4 2	19	35	Z3	40	155	126	23	44 1	6	5	6				1,111	3
	All	Capacitor Banks Load Control	Capacitors including controls Centralised plant	lot	1				2		1 -				-	-		1	1 1		- 1	1	-	-			1	1 - 1	1				2	2
	All	Load Control	Relays	No				2 308 2	572 4.74	4 538	1.032	1 163	1.014	462	823	623	935 1		50		104	61	62	85	50	28 5	10		1				17.013	1
	All	Civils	Cable Tunnels	km							4,034	-,100	-100	.04							104	-				-		1						N/A

																											ny Name							Eastland I						
																											ar Ended							31 Marc						
																								Ne	twork/Su	ıb-netwo	rk Name							Gisbo	orne					
	DULE 9b: ASSET AGE PROP																																							
This sche	dule requires a summary of the age prof	le (based on year of installation) of the assets that make up the networ	rk, by asset ca	ategory and	asset class. A	ll units rela	iting to cab	ble and lin	e assets, thi	st are expre	essed in km	n, refer to	circuit leng	gths.																										
ef																																								
ľ.	Disclosure Year (year ended)										Number o	of assets at	t disclosure	e year end	by installa	tion date																								
					1940 19		960 1	1970	1980	1990																											No. with	h items a end of	at No.w	vith ult Data accur
Volta	are Asset category	Asset class	Units pr							1990 -1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	age unknow			
All	Overhead Line	Concrete poles / steel structure	No.	-	1	33			2,346	2,695	384	1,048	594	160	203	327		19		354	412	408			364	344	227	110	177	294	188	12	-	-	-	-	T	5 13,97		2
All	Overhead Line	Wood poles	No.	-	64 1,	,414 3	,693	1,366	1,171	2,381	195	592	190	87	124	96	99	12	3 267	178	230	190	160	166	134	183	184	67	84	110	200	6	-	-	-	-		5 13,76	64	2
All	Overhead Line	Other pole types	No.	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-		1	N/A
HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	-	-	72	116	37	5	6	7	4	3	11	-	5	4		0 0	-	-	-	-	0	-	0	0	-	0	-	-	-	-	-	-	-	-	26		1
HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	0	17	29	61	49	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	0	-	-	-	-	-	-	-	-	18	80	2
HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	-	-	-	-	-	-	-	-	-	-	-	-	1	. 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					_	1	3
HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	_	N/A N/A
HV HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised) Subtransmission UG up to 66kV (PILC)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+ -		-	-	-	+ -	-	-	-	-	-	-	-	-	-	-	+-	+	+	+	+		N/A N/A
HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC) Subtransmission UG 110kV+ (XLPE)	km	-	-	-	-	-	-	-	-	-	-		-	1 -	-	1 -		-	-	-	1 -		-			-	-	-	-		1	+ -	+	+-	+	+		N/A N/A
HV	Subtransmission Cable	Subtransmission UG 110KV+ (XLPE) Subtransmission UG 110KV+ (Oil pressurised)	km	-	-	-	-		-		-	-	-			1	1 -	+ -	1 -	-	1 -	1 -	1 -	1 -	-		-	-					1	+	+-	+	+	+		N/A
HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1	- 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 -	-	-	-		N/A
HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		N/A
HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		N/A
HV	Zone substation Buildings	Zone substations up to 66kV	No.	-	-	-	-	2	3	4	-	2	-	1	1	-	1		1 1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	17	2
HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	-	-	4	1	-	-	-	-	1	-	-	-	-	0	- 10	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-		5	2
HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.																																					N/A
HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-	-	-	4	1	3	2	2	-	3	5	4		5 2	-	2	2	2	-	-	-	3	-	-	3	-	-	-			-	-		44	2
HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.													_	_		_			_																		N/A
HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-			3
HV	Zone substation switchgear	33kV RMU	No.													-	-	-	-														-	+	+	+	<u> </u>	<u> </u>		N/A N/A
HV HV	Zone substation switchgear Zone substation switchgear	22/33kV CB (Indoor) 22/33kV CB (Outdoor)	NO.														-		-				-									-		+	+	+		<u> </u>		N/A
HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	-	-	-	- 11	17		-	-	- 20	10	_	-	-		-	-	_	-	_	- 2	-		_	-	-	-	-	_	_		<u> </u>	<u> </u>	-	- <u>-</u>	86	3
HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No	-	-	-	-	-	-	2	-	-	-	-	_	-	-	-	-	-	-	-	_	-	-	-	1	_	1	1	-	-	-	-	-	-	-		5	2
HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	3	-	4	1	2	4	-	3	-	1	1	-	2		- 1	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	- /	25	4
HV	Distribution Line	Distribution OH Open Wire Conductor	km	0	6	309	698	303	138	166	11	5	7	2	2	5	4		3 2	1	4	3	2	3	1	7	2	5	6	2	2	-	-	-	-	-	-	1,69	38	1
HV	Distribution Line	Distribution OH Aerial Cable Conductor	km																																		-	-		N/A
HV	Distribution Line	SWER conductor	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		N/A
HV	Distribution Cable	Distribution UG XLPE or PVC	km	-	-	0	0	3	6	4	0	1	0	0	0	1	. 2		1 2	0	1	1	0	0	0	1	2	1	2	3	1	0	-					0 1	35	1
HV	Distribution Cable	Distribution UG PILC	km	-	-	1	8	9	21	21	2	5	4	2	1	2	1		1	2	1	1	0	0	0	0	1	1	0	0	-	-	-	-	-	-	-	8	86	1
HV	Distribution Cable	Distribution Submarine Cable	km													_	_		_			_																		N/A
HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionaliser	No.	-	-	2	5	2	-	1	3	1	7	9	3	5	6	4	3 1	-		2	-	-	-	-	-	1	-	-	3	-	-	+	+	+	+		55	2
HV HV	Distribution switchgear Distribution switchgear	3.3/6.6/11/22kV CB (Indoor) 3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	-	-	- 217	- 507	7	- 266	- 326	-	- 98	8 94	-	- 77	- 63	- 113	- 4	- 59	- 07	- 84	- 69	-	- 64	- 83		- 74	- 46	- 61	- 63	-	-	-	+	+	+		1 3.30	15	2
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.	-	-	411	30/	305	266	320	41	98	94	68	17	63	113	4	59	82	84	68	53	54	83	90	/4	46	61	63	60	6	-	+	+	+	+	3,30		1
HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except KMU 3.3/6.6/11/22kV RMU	NO.	-	-	-	3	3	6	56	7	21	21	- 1	- 7		1.4			- 2			- 2	-	- 2		- 21	-	12			-	-	+	+	+	1	2 24	43	2
HV	Distribution Transformer	Pole Mounted Transformer	No.	-	-	80	338	340	228	246	20	82	43	54	49	77	51	. 4	5 36	42	45	29	43	40	49	44	30	35	46	32	44	2	- 1	+	+	+ -	q	3 2.26		2
HV	Distribution Transformer	Ground Mounted Transformer	No.	-	-	6	20	18	22	28	30	54	27		21	12	18	1	1 6	8	14	11	7	11	12		17	12	8	15	15	1	-	-	-	-	3			3
HV	Distribution Transformer	Voltage regulators	No.	-	-	-	3	-	3	-	-	-	-	-	-	-	-	1 -	-	-	-	-	-	1	-		-	-	-	-	-	-	-	-	-	-	1	1	8	2
HV	Distribution Substations	Ground Mounted Substation Housing	No.																																	1	-	-		N/A
LV	LV Line	LV OH Conductor	km	0	2	70	132	59	43	46	1	7	4	1	1	0	0		L 1	0	0	0	0	0	0	0	0	0	0	0	0	0	-		-	-	-	37		1
LV	LV Cable	LV UG Cable	km	-	-	1	17	31	47	31	7	16	14	7	4	4	3		5 5	5	2	3	3	3	1	2	2	3	2	2	1	0	-				- <u> </u>	1 22		1
LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-	-	1	1	2	5	6	0	2	1	0	0	0	0		ι ο			0	0	0	0	_	-	-	-	-	-	-	-	<u>+ -</u>	+	<u> </u>	+ -	2		1
LV	Connections	OH/UG consumer service connections	No.		526 1,	,912 3	,583	4,063	4,043	3,388	269	270	187	81	205						155	203	136	135	123	153	122	121	150	139	40	-	-		<u>+ -</u>			21,28		1
All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	-	-	-	-	-	-	16	7	19	3	20	7	3					-	22	-	23	4	-	4	6	-	-	-	-	-	+	+	+	+	13		2
All All	SCADA and communications Capacitor Banks	SCADA and communications equipment operating as a single sys Capacitors including controls	Lot	-	-	-	1	-	25	114	60	35	32	84	47	35	21	. 2	16	19	17	32	20	39	153	117	20	17	13	2	5	6	-	+	+	+	+	95	50	1
All	Capacitor Banks Load Control	Capacitors including controls Centralised plant	NO	-	-	-	-		-	1	-	-	-	-	-	-	1 -	+ -			1 -	+ -	-	-	-	-	-	-	-	-	-	-	-	+	-	-	+	+	-	2
All	Load Control	Centralised plant Relays	NO	-	-	-	-		2 572	4,744	538	1.032	1.163	1.014	462	823	623	93	5 108	- 89	- 50	-	104	- 61	- 62	- 85	- 50	- 29	52	19	- 1	-	-	+ =	+-	+ -	+ -	17.01	13	1
AII	Civils	Cable Tunnels	km					-,	-,				-,103	-,014	-102	04.5					1 ~	1 20	104		UA.	03		20	34			1	1	1	+	1	1	11,01		N/A

																									Compan	ny Name						Eastland I						
																									For Yea	ar Ended						31 Marc	.h 2021					
																							1	Network / S	ub-networ	rk Name						Wair	roa					
SC	HEDUL	E 9b: ASSET AGE PROFII	E																																			
			(based on year of installation) of the assets that make up the netwo	ork, by asset c	category an	d asset class. All	units relat	ting to cable a	ind line asse	rts, that are ex	pressed in krr	n, refer to c	ircuit lengti	15.																								
en ref		Disclosure Year (year ended)		1							Number	of assets at	direlorure	war and by	installation	date																						
Ŭ j		biscostie rear (jear ended)		-							Humber e		ulaciosare :	cur chu by		oute																			No. with	Items at No	lo. with	
						1940 195 -1949 -195		60 1970																									·		age		default Data a	
	Voltage	Asset category	Asset class	Units p	pre-1940	-1949 -195	59 -19	969 -1979	9 -1989		2000	2001 379	2002	2003	2004	2005	2006	2007	2008	2009	2010 2	011 201	2 2013		2015	2016	2017	2018	2019 :	2020 20	2022	2023	2024	2025	unknown			2
	All	Overhead Line Overhead Line	Concrete poles / steel structure Wood poles	No.	-	82 7	36		91 31	v 100	273	249	200	42	62	54	71	60	19	97	11	21	26 4	A.4		33	20	80	29	92			<u> </u>	-	-	3,324		2
	All	Overhead Line	Other pole types	No.	-				-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	1		-	-	-	- 1	1		N/A
	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	-			- 3	4 3	2 -	-	0	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-		-	-	-	- 1	67		1
	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	0	57	- 6	i3	7 -	0	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	0	-		-	-	-	(0)	127		2
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	-				-	-	-	0	-	-	-	-	-	-	-	-	-		-	-	1	-	-	-	-	-		-	-	-	- 1	0		3
	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-		. -		-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-						+	4	T			N/A
	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-						+	4				N/A
	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-						+	+				N/A
	HV HV	Subtransmission Cable Subtransmission Cable	Subtransmission UG 110kV+ (XLPE) Subtransmission UG 110kV+ (Oil pressurised)	km km	-				-	-		-			-	-	-				-		-	1 -			-					+	+	+				N/A N/A
	HV	Subtransmission Cable	Subtransmission UG 110kV+ (UII pressurised) Subtransmission UG 110kV+ (Gas Pressurised)	km	-				-	-		-		-	-	-	-			-	-		_	1 -			-	-				+	+	+				N/A N/A
	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PLC)	km	-		.		-	-	-	-	-	-	-	-	-	-	-	-	-			- 1	- 1	-	-					+	+	+	- 1			N/A
	HV	Subtransmission Cable	Subtransmission submarine cable	km	-				-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-						1	1	-	-		N/A
	HV	Zone substation Buildings	Zone substations up to 66kV	No.	-				-	1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	1	-		-	-	-		2	-	2
	HV	Zone substation Buildings	Zone substations 110kV+	No.	-		-			3 1	-	-	-	-	-	-	-	-	-	-	1	1 -		-	-	-	-	-	-	-		-	-	-		6		2
	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-						+	+				N/A
	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-		_		-	-	2	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	1	-						3		2
	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-						+	+				N/A 3
	HV HV	Zone substation switchgear Zone substation switchgear	33kV Switch (Pole Mounted) 33kV RMU	No.	-				-	-	-	2	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-		+	+	+		2		3 N/A
	HV	Zone substation switchgear Zone substation switchgear	22/33kV CB (Indoor)	NO.	-				-	-		-		-	-	-	-			-	-		_	1 -			-	-				+	+	+				N/A N/A
	HV	Zone substation switchgear	22/33kV CB (Nubbr) 22/33kV CB (Outdoor)	No.	-				-	-	-	-	-	-	-	1	-	-	-	-	-			-	-	-	-	-	-	-		-	-	- 1	- 1	1		3
	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-				1	0 -	-	-	-	-	-	-	3	-	-	-	-		-	-	8	-	5	-	-	-		-	-	<u> </u>	-	26		3
	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-				-	2	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-		-	-	-	-	2		2
	HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	-	6			2 -	3	-	-	-	-	-	-	-	-	-	-			-	-	-	-	1	-	-			-		T	12		4
	HV	Distribution Line	Distribution OH Open Wire Conductor	km	63	80 2	909	182 4	15 6	2 5	-	3	3	2	6	3	2	6	1	-	0	-	0	1 0	1	1	1	0	3	0	0 -		<u> </u>			681		1
	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-						-	-	-	-	-	-	-	-	-	-	-			-		-	-					+	+	+		<u> </u>		N/A 1
	HV HV	Distribution Line Distribution Cable	SWER conductor	km	-				_	1 -	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-		+	+	+	-			1
	HV	Distribution Cable Distribution Cable	Distribution UG XLPE or PVC Distribution UG PILC	km	-			0 -	3	6 2	0	0	0	0	0	0	1	2	1	-	-			0 -	-	-	0	1	-	-		+	+	+ -	(0)	15		1
	HV	Distribution Cable	Distribution Submarine Cable	km	-		.		-		-	-	-	-	-	-	-	-	-	_	-			- 1	- 1	-	-	~			_	+	<u> </u>	1				N/A
	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionaliser	r No.	-			1	2	3 -	1	2	-	-	3	2	4	2	2	-	-	-	1	1 -	-	-	-	-	1	2		-	-	-	-	27		2
	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-				-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-		-	-	-	-			N/A
	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	-	-	3	282 18	82 14	9 123	12	18	34	35	44	17	23	24	11	11	8	12	6 1:	1 6	21	14	16	21	11	11	1 -		-		T	1,106		2
	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	-					4 -	-	5	-	1	-	-	6	-	-	-	-				-	-	-	-	-	-			+	+	<u> </u>	16		1
	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	-		·		4	7 6		6	5	2	-	-	4	1	1	1	-	-	1 -	2	-	1	1	1	-	-		<u> </u>	+	+	-	43		2
	HV HV	Distribution Transformer	Pole Mounted Transformer	No.	-		-	247 11	16 9	1 76	8	11	9	25	24	38	10	7	8	2	6	7	1 1	4 7	13	9	11	12	12	4	2 -	+	+	+	14	784		2
	HV	Distribution Transformer Distribution Transformer	Ground Mounted Transformer Voltage regulators	NO.	-				-	ə 6	-	1	4	-	-		-	8 -	-	-	-		4	1 -	-	-	- 4	-	-	-		+	+	+	- 9	93		2
	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-		.		-	-	-	-	-	_	_	-	-	-	_	_	-			-	-	-	_		- 1		-	+	<u> </u>	+				N/A
	LV	LV Line	LV OH Conductor	km	7	31	42	30	9	9 2	1	0	0	0	1	0	0	0	-	-	0		- 1	0	1	0	0	0	-	0		-	-	-	(0)	134		1
	LV	LV Cable	LV UG Cable	km	0	-	1	4 1	1 1	7 7	1	0	0	1	1	1	1	2	1	0	0	0	0 0	0 0	0	0	0	0	2	0		-	-	-	-	52		1
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-			0 -		0 -	-	0	-	0	-	0	0	-	0	-	-		-	-	-	-	0	-	-	-		-	-	-	(0)	1		1
	LV	Connections	OH/UG consumer service connections	No.	-	-	76 1,	,501 85	i3 86	3 512	36	64	134	280	116	43	38	46	42	46	31	32	21 4	0 36	35	24	36	21	38	7		-	-	-		4,971		1
	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	-		. -	-	1 1	0 3	2	6	-	1	-	3	-	1	-	-	-	1 -		-	-	10	-	-	1	-					T	39		2
	All	SCADA and communications	SCADA and communications equipment operating as a single sys	s Lot	-		-		_	2 15	6	26	9	19	3	30	5	1	8	3	2	3	3	1 2	9	3	5	2	4	-			-	-		161		1
	All	Capacitor Banks	Capacitors including controls	No	-		·		-		-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-		<u> </u>	+	-				N/A
	All	Load Control	Centralised plant	Lot	-				_	2 -	-	-	-	-	-	-	-	-	-	1	-			-	-	-	-	-	-	-			-	-		3		2
	All	Load Control Civils	Relays Cable Tunnels	No	-				-	-		-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-		+	+	+				1 N/A
00	All	CIVIS	Capie runnels	кm	-			- 1 -				- 1	-	-	-	-	-	-	-	-	- 1	- 1 -					-				1			<u></u>				- MA

	Company Name	E	astland Networl	(
	For Year Ended		31 March 2021	
	Network / Sub-network Name		All	
			<u></u>	
	SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES			
	his schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units re	lating to cable and li	ne assets, that are ex	pressed in km, refer
U	o circuit lengths.			
sch				
9				
9				Total circuit
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)	length (km)
11	> 66kV	307	-	307
12	50kV & 66kV	302	1	303
13	33kV	34	0	34
14	SWER (all SWER voltages)	1	-	1
15	22kV (other than SWER)	-	-	-
16	6.6kV to 11kV (inclusive—other than SWER)	2,380	141	2,521
17	Low voltage (< 1kV)	504	275	779
18	Total circuit length (for supply)	3,528	417	3,945
19		-	1	
20	Dedicated street lighting circuit length (km)	13	9	22
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		L	1,000
22			(% of total	
23	Overhead circuit length by terrain (at year end)	Circuit length (km)		
24	Urban	193	5%	
25		1,490	42%	
26		312	9%	
27	Rugged only	1,182	34%	
28		347	10%	
29		5	0%	
30	Total overhead length	3,528	100%	
31				
			(% of total circuit	
32		Circuit length (km)	length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)		-	
			(% of total	
34		Circuit length (km)		
35	Overhead circuit requiring vegetation management	3,528	100%	

	Company Name	E	astland Networ	k
	For Year Ended		31 March 2021	
	Network / Sub-network Name		Gisborne	
			disponie	
	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 re	lating to cable and li	ne assets, that are ex	pressed in km, refer
τ	to circuit lengths.			
sch	ref			
9				
9				Total circuit
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)	length (km)
11	. >66kV	180	-	180
12	2 50kV & 66kV	269	1	271
13	33kV	-	-	-
14	SWER (all SWER voltages)	-	-	-
15	22kV (other than SWER)	-	-	-
16	6.6kV to 11kV (inclusive—other than SWER)	1,699	121	1,820
17		370	222	592
18		2,519	344	2,864
19				
20		13	8	21
21 22			l	700
22			(% of total	
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	overhead length)	
24	Urban	170	7%	
25	Rural	1,185	47%	
26	Remote only	259	10%	
27	7 Rugged only	754	30%	
28		148	6%	
29		3	0%	
30		2,519	100%	
31			(% of total circuit	
32		Circuit length (km)		
33		chicare religen (kill)		
55			/9/ of t-t-1	
34		Circuit length (km)	(% of total	
35		2,519	100%	
55	overhedd oredat requiring vegetation management	2,319	100%	

	Company Name	E	astland Networ	k
	For Year Ended		31 March 2021	
	Network / Sub-network Name		Wairoa	
			Wanda	
	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 re to circuit lengths.	lating to cable and li	ne assets, that are ex	pressed in km, refer
	to circuit lengths.			
sch	ref			
9				
				Total circuit
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)	length (km)
11	1 > 66kV	127	-	127
12	2 50kV & 66kV	32	-	32
13	3 33kV	34	0	34
14	SWER (all SWER voltages)	1	-	1
15	5 22kV (other than SWER)	-	-	-
16	6.6kV to 11kV (inclusive—other than SWER)	681	20	701
17		134	53	187
18		1,009	73	1,082
19				
20		0	0	1
21 22			L	300
22			(% of total	
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	•	
24	t Urban	23	2%	
25	5 Rural	305	30%	
26	5 Remote only	52	5%	
27	7 Rugged only	428	42%	
28	Remote and rugged	199	20%	
29	Unallocated overhead lines	1	0%	
30		1,009	100%	
31	1			
2-		Circuit length (km)	(% of total circuit	
32		Circuit length (km)	length)	
33	Length of circuit within 10km of coastine of geothermal areas (where known)			
-		Circuit longth (lune)	(% of total	
34		Circuit length (km)		
35	Overhead circuit requiring vegetation management	1,009	100%	

	Compan	y Name	Eastland	Network
	For Yea	r Ended	31 March 2021	
	LE 9d: REPORT ON EMBEDDED NETWORKS requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in	another embe	dded network.	
	Location *	Ν	lumber of ICPs served	Line charge revenue (\$000)
1				
		<u> </u>		

	Company Name	Eastland Network
	For Year Ended	31 March 2021
	Network / Sub-network Name	All
SC	HEDULE 9e: REPORT ON NETWORK DEMAND	
	schedule requires a summary of the key measures of network utilisation for the disclosure year (number of neri nibuted generation, peak demand and electricity volumes conveyed).	ew connections including
8	9e(i): Consumer Connections	
9	Number of ICPs connected in year by consumer type	
		Number of
10	Consumer types defined by EDB*	connections (ICPs)
11	Domestic/Residential	64
12	Commercial	148
13	Large Commercial	
14	Industrial	-
15 16	* include additional rows if needed	
16 17	Connections total	212
17		212
19	Distributed generation	
20	Number of connections made in year	79 connections
21	Capacity of distributed generation installed in year	0.42 MVA
22	9e(ii): System Demand	
23 24		
24		Demand at time
		of maximum coincident
		demand (MW)
25	Maximum coincident system demand	
26 27	GXP demand plus Distributed generation output at HV and above	55
27	plus Distributed generation output at HV and above Maximum coincident system demand	62
29	less Net transfers to (from) other EDBs at HV and above	
30	Demand on system for supply to consumers' connection points	62
31	Electricity volumes carried	Energy (GWh)
32	Electricity supplied from GXPs	298
33	less Electricity exports to GXPs	-
34	plus Electricity supplied from distributed generation	13
35	less Net electricity supplied to (from) other EDBs	-
36	Electricity entering system for supply to consumers' connection points	311
37	less Total energy delivered to ICPs	284
38 39	Electricity losses (loss ratio)	27 8.5%
40	Load factor	0.57
41	9e(iii): Transformer Capacity	
42		(MVA)
43	Distribution transformer capacity (EDB owned)	222
44	Distribution transformer capacity (Non-EDB owned, estimated)	50
45 46	Total distribution transformer capacity	272
46 47	Zone substation transformer canacity	345
4/	Zone substation transformer capacity	345

	Company Name	Eastland Network	
	For Year Ended	31 March 2021	
	Network / Sub-network Name	Gisborne	
SCł	IEDULE 9e: REPORT ON NETWORK DEMAND		
	chedule requires a summary of the key measures of network utilisation for the disclosure year (number of n buted generation, peak demand and electricity volumes conveyed).	ew connections including	
Í			
8 9	9e(i): Consumer Connections		
9	Number of ICPs connected in year by consumer type		
10	Consumer types defined by EDB*	Number of connections (ICPs)	
1	Domestic/Residential	48	
2	Commercial	134	
3	Large Commercial	-	
4	Industrial	-	
5		_	
6	* include additional rows if needed		
.7	Connections total	182	
.8			
19	Distributed generation		
20	Number of connections made in year	70 connections	
1	Capacity of distributed generation installed in year	0.38 MVA	
22	9e(ii): System Demand		
23	Sellij. System Demana		
24			
		Demand at time of maximum	
		coincident	
25	Maximum coincident system demand	demand (MW)	
26	GXP demand	50	
27	plus Distributed generation output at HV and above	2	
28	Maximum coincident system demand	53	
29	less Net transfers to (from) other EDBs at HV and above		
30	Demand on system for supply to consumers' connection points	53	
31	Electricity volumes carried	Energy (GWh)	
32	Electricity supplied from GXPs	252	
33	less Electricity exports to GXPs	_	
34	plus Electricity supplied from distributed generation	4	
35	less Net electricity supplied to (from) other EDBs	-	
36	Electricity entering system for supply to consumers' connection points	256	
37	less Total energy delivered to ICPs		
38 39	Electricity losses (loss ratio)	256 100.0%	
40	Load factor	0.56	
41	9e(iii): Transformer Capacity	(50)(5)	
42		(MVA)	
43	Distribution transformer capacity (EDB owned)	183	
14 15	Distribution transformer capacity (Non-EDB owned, estimated)	41	
15	Total distribution transformer capacity	224	
16 17	Zone substation transformer capacity	285	

	Company Name	Eastland Network		
	For Year Ended	31 March 2021		
	Network / Sub-network Name	Wairoa		
SCł	IEDULE 9e: REPORT ON NETWORK DEMAND			
	chedule requires a summary of the key measures of network utilisation for the disclosure year (number of n buted generation, peak demand and electricity volumes conveyed).	ew connections including		
ref				
8	9e(i): Consumer Connections			
9	Number of ICPs connected in year by consumer type			
	Commentation defined by EDD*	Number of		
0 1	Consumer types defined by EDB* Domestic/Residential	connections (ICPs)		
2	Commercial	10		
3	Large Commercial			
4	Industrial			
5				
6	* include additional rows if needed			
7	Connections total	30		
8				
9	Distributed generation			
20	Number of connections made in year	9 connections		
1	Capacity of distributed generation installed in year	0.04 MVA		
	Ac/ii): System Domand			
22 23	9e(ii): System Demand			
24				
		Demand at time		
		of maximum coincident		
	Maximum activitient contain domaind	demand (MW)		
5	Maximum coincident system demand			
6 7	GXP demand plus Distributed generation output at HV and above	5		
8	Maximum coincident system demand	11		
9	less Net transfers to (from) other EDBs at HV and above			
0	Demand on system for supply to consumers' connection points	11		
-				
81	Electricity volumes carried	Energy (GWh)		
2	Electricity supplied from GXPs	46		
3	less Electricity exports to GXPs	-		
4	plus Electricity supplied from distributed generation	9		
5	less Net electricity supplied to (from) other EDBs	_		
6	Electricity entering system for supply to consumers' connection points	54		
87	less Total energy delivered to ICPs	49		
38	Electricity losses (loss ratio)	5 9.4%		
19 10	Load factor	0.58		
		0.50		
41	9e(iii): Transformer Capacity	(1994)		
42		(MVA)		
43	Distribution transformer capacity (EDB owned)	40		
14	Distribution transformer capacity (Non-EDB owned, estimated)	9		
15	Total distribution transformer capacity	49		
6 7	Zone substation transformer capacity	60		
		F		
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		Company Name		nd Network
		For Year Ended	31 N	Narch 2021
	Network / Su	b-network Name	Eastland Ne	twork Limited/ALL
SCH	HEDULE 10: REPORT ON NETWORK RELIABILITY	_		
This s	chedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault r	ate) for the disclosure	year. EDBs must pro	vide explanatory comment
	eir network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and S	AIDI information is particular	rt of audited disclosu	ure information (as defined in
sectio	on 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.			
sch ref				
8	10(i): Interruptions	Number of		
9	Interruptions by class	interruptions		
10	Class A (planned interruptions by Transpower)			
11	Class B (planned interruptions on the network)	248		
12	Class C (unplanned interruptions on the network)	464		
13	Class D (unplanned interruptions by Transpower)	_		
14	Class E (unplanned interruptions of EDB owned generation)	_		
15	Class F (unplanned interruptions of generation owned by others)	-		
16	Class G (unplanned interruptions caused by another disclosing entity)	_		
17	Class H (planned interruptions caused by another disclosing entity)			
18	Class I (interruptions caused by parties not included above)	_		
19	Total	712		
20	Internution vertexation	≤3Hrs	>3hrs	
21	Interruption restoration			
22 23	Class C interruptions restored within	357	107	
24	SAIFI and SAIDI by class	SAIFI	SAIDI	
25	Class A (planned interruptions by Transpower)	-	-	
26	Class B (planned interruptions on the network)	0.54	130.46	
27 28	Class C (unplanned interruptions on the network)	2.89	195.87	
28	Class D (unplanned interruptions by Transpower) Class E (unplanned interruptions of EDB owned generation)			
30	Class F (unplanned interruptions of generation owned by others)			
31	Class G (unplanned interruptions caused by another disclosing entity)		_	
32	Class H (planned interruptions caused by another disclosing entity)	_	_	
33	Class I (interruptions caused by parties not included above)	-	-	
34	Total	3.43	326.3	
35				
26	Newselland CAIDLand CAIDL	Normalized CALE	Normalized CAID	
36	Normalised SAIFI and SAIDI	Normalised SAIFI		
37	Classes B & C (interruptions on the network)	3.31	320.38	
20				
38				

		-		
		Company Name		nd Network
		For Year Ended	31 M	arch 2021
	Network / Su	ub-network Name	Eastland Net	work Limited/ALL
SC	HEDULE 10: REPORT ON NETWORK RELIABILITY			
Thi on	s schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault their 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.		· · · · · · · · · · · · · · · · · · ·	
39 40	10(ii): Class C Interruptions and Duration by Cause			
41	Cause	SAIFI	SAIDI	
42	Lightning	0.01	1.13	
43	Vegetation	0.36	50.92	
44	Adverse weather	0.35	17.63	
45	Adverse environment	0.08	5.41	
46	Third party interference	0.25	20.30	
47	Wildlife	0.16	17.68	
48	Human error	0.19	7.59	
49	Defective equipment	0.67	43.58	
50	Cause unknown	0.82	31.63	
51				
52 53	10(iii): Class B Interruptions and Duration by Main Equipment Involved			
54	Main equipment involved	SAIFI	SAIDI	
55	Subtransmission lines	0.01	2.20	
56	Subtransmission cables	-		
57	Subtransmission other	-	_	
58	Distribution lines (excluding LV)	0.48	121.67	
69	Distribution cables (excluding LV)	0.05	6.59	
60	Distribution other (excluding LV)	_	-	
61 62	10(iv): Class C Interruptions and Duration by Main Equipment Involved			
63	Main equipment involved	SAIFI	SAIDI	
64	Subtransmission lines	0.64	12.62	
65	Subtransmission cables	-	-	
66	Subtransmission other	-	_	
67	Distribution lines (excluding LV)	2.22	182.79	
68	Distribution cables (excluding LV)	0.03	0.45	
69	Distribution other (excluding LV)	_	-	
70	10(v): Fault Rate			
			N	Fault rate (faults
71	Main equipment involved	Number of Faults		per 100km)
72	Subtransmission lines	6	643	0.93
73	Subtransmission cables	-	1	-
74	Subtransmission other	-	2.004	10.5
75		456	2,381	19.15
75 76	Distribution lines (excluding LV)			4.42
76	Distribution cables (excluding LV)	2	141	1.42
				1.42

		F		
		Company Name		nd Network
		For Year Ended	31 N	Narch 2021
	Network / Su	b-network Name	Eastland Ne	twork Limited/GIS
SCH	HEDULE 10: REPORT ON NETWORK RELIABILITY	_		
This s	chedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault r	ate) for the disclosure	year. EDBs must pro	vide explanatory comment
	eir network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and S	AIDI information is par	t of audited disclosu	are information (as defined
sectio	on 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.			
ch ref				
8	10(i): Interruptions			
9	Interruptions by class	Number of interruptions		
9 10	Interruptions by class			
10	Class A (planned interruptions by Transpower) Class B (planned interruptions on the network)	- 181		
12	Class C (unplanned interruptions on the network)	356		
13	Class D (unplanned interruptions by Transpower)	-		
14	Class E (unplanned interruptions of EDB owned generation)	-		
15	Class F (unplanned interruptions of generation owned by others)	_		
16	Class G (unplanned interruptions caused by another disclosing entity)	_		
17	Class H (planned interruptions caused by another disclosing entity)	_		
18	Class I (interruptions caused by parties not included above)			
19	Total	537		
20		1011		
21	Interruption restoration	≤3Hrs	>3hrs	
22	Class C interruptions restored within	271	85	
23				
24	SAIFI and SAIDI by class	SAIFI	SAIDI	
25 26	Class A (planned interruptions by Transpower)	-	-	
26 27	Class B (planned interruptions on the network) Class C (unplanned interruptions on the network)	0.44	97.93 164.69	
27	Class D (unplanned interruptions by Transpower)	-	104.09	
29	Class E (unplanned interruptions of EDB owned generation)	_	_	
30	Class F (unplanned interruptions of generation owned by others)		_	
31	Class G (unplanned interruptions caused by another disclosing entity)	-	-	
32	Class H (planned interruptions caused by another disclosing entity)	_	-	
33	Class I (interruptions caused by parties not included above)	-	-	
34	Total	2.61	262.6	
35				
36	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI	
37	Classes B & C (interruptions on the network)	2.44	256.68	
			200.00	
38				

		F		
		Company Name		nd Network
		For Year Ended	31 N	larch 2021
	Network / Sub	o-network Name	Eastland Net	work Limited/GIS
S	CHEDULE 10: REPORT ON NETWORK RELIABILITY			
Thi on	s 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 S tion 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.			
39 40	10(ii): Class C Interruptions and Duration by Cause			
41	Cause	SAIFI	SAIDI	
42	Lightning	0.00	1.06	
43	Vegetation	0.34	51.44	
44	Adverse weather	0.18	9.85	
45	Adverse environment	0.05	4.28	
46	Third party interference	0.24	22.40	
47	Wildlife	0.06	7.90	
48	Human error	0.02	5.62	
49	Defective equipment	0.39	36.75	
50	Cause unknown	0.86	25.39	
51				
52 53	10(iii): Class B Interruptions and Duration by Main Equipment Involved			
55 54	Main equipment involved	SAIFI	SAIDI	
54 55		0.00	0.21	
55 56	Subtransmission lines Subtransmission cables	-	-	
57	Subtransmission cables			
58	Distribution lines (excluding LV)	0.41	93.83	
69	Distribution tables (excluding LV)	0.03	3.90	
60	Distribution other (excluding LV)	-	-	
61	10(iv): Class C Interruptions and Duration by Main Equipment Involved			
62				
63	Main equipment involved	SAIFI	SAIDI	
64	Subtransmission lines	0.45	6.54	
65	Subtransmission cables	-		
66	Subtransmission other	-	-	
67	Distribution lines (excluding LV)	1.69	157.59	
68	Distribution cables (excluding LV)	0.03	0.56	
69	Distribution other (excluding LV)			
70	10(v): Fault Rate			
71	Main equipment involved	Number of Faults	`ircuit length (km)	Fault rate (faults per 100km)
72	Subtransmission lines	3	450	0.67
72	Subtransmission rables	-	430	-
74	Subtransmission cables		±	
75	Distribution lines (excluding LV)	351	1,699	20.66
76	Distribution lines (excluding LV)	2	1,055	1.65
77	Distribution other (excluding LV)	-	121	1.05
78	Total	356		

Company Name Eastland Network For Year Ended 31 March 2021 Detuck / Sub-network Name Eastland Network Limited/WRA					
Network / Sub-network Name Eastand Network Limited/WRA Eastand Network Limited/URA Discrete/Network Reliability (Interruptions, SADR, SAFF and fault ratio for the disclosure year in Schedule 14 Explanatory ontos to templates). The SAIFI and SAID Information is part of audited disclosure information (as defined in section 1.4 of the 10 determination), and so is subject to the assurance report required by section 2.8. Nomber of interruptions by Transpower) Class A (planned interruptions on the network) 0 Class A (planned interruptions on the network) 0 Class F (unplanned interruptions of GBD owned generation) 0 Class F (unplanned interruptions or GBD owned generation) 0 Class A (planned interruptions caused by another disclosing entity) 0 Class A (planned interruptions caused by another disclosing entity) 0 Class A (planned interruptions caused by another disclosing entity) 0 Class A (planned interruptions caused by another disclosing entity) 0 Class A (planned interruptions caused by another disclosing entity) 0 Class A (planned interruptions caused by another disclosing entity) 0 Class A (planned interruptions caused by another disclosing entity) 0 Class A (planned interruptions on the network) 0 Class A (planned interruptions on the network) 0 Class A (planned interruptions on the network) <t< th=""><th></th><th></th><th>Company Name</th><th>Eastlar</th><th>d Network</th></t<>			Company Name	Eastlar	d Network
SCHEDULE 10: REPORT ON NETWORK RELIABILIT Schedule requires a summary of the key messures of network reliability (interruptions, SAID, SAIP, and Fait rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability of the disclosure year in Challer and SAID 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. Reliability (Interruptions Vietas to Endpanded) Number of interruptions by class Class A (planned interruptions on the network) Class C (unplanned interruptions on the network) Class C (unplanned interruptions on the network) Class C (unplanned interruptions of DB owned generation) Class C (unplanned interruptions of DB owned generation) Class C (unplanned interruptions caused by another disclosing entity) Class C (unplanned interruptions caused by another disclosing entity) Class I (planned interruptions caused by another disclosing entity) Class C (unplanned interruptions on the network)			For Year Ended	31 M	arch 2021
Bits schedule requires a summary of the key measures of network reliability (interruptions, SAD), SAFI and SADU Information is part of audited disclosure information (as defined interviework reliability) for the disclosure year in Schedule 41 (Explanatory notes to templates). The SAFI and SADU Information is part of audited disclosure information (as defined interviework reliability) for the disclosure year in Schedule 41 (Explanatory notes to templates). The SAFI and SADU Information is part of audited disclosure information (as defined interviework) content 10(i): Interruptions Number of interruptions by Cass Class A (planned interruptions on the network) 0.07 Class A (planned interruptions of ten entwork) 0.07 Class A (planned interruptions of ten entwork) 0.07 Class A (planned interruptions of ten entwork) 0.07 Class C (unplanned interruptions of generation owned by others) 0.01 Class I (interruptions caused by another disclosing entity) 0.05 Class I (interruptions caused by another disclosing entity) 0.05 Class I (interruptions caused by another disclosing entity) 0.05 Class I (interruptions so the network) 0.05 Class I (interruptions caused by another network) 0.05 Class I (interruptions so the network) 0.05 Class I (interruptions so the network) 0.05 Class I (interruptions so the network) <		Network / S	Sub-network Name	Eastland Netw	ork Limited/WRA
Bits schedule requires a summary of the key measures of network reliability (interruptions, SAD), SAFI and SADU Information is part of audited disclosure information (as defined interviework reliability) for the disclosure year in Schedule 41 (Explanatory notes to templates). The SAFI and SADU Information is part of audited disclosure information (as defined interviework reliability) for the disclosure year in Schedule 41 (Explanatory notes to templates). The SAFI and SADU Information is part of audited disclosure information (as defined interviework) content 10(i): Interruptions Number of interruptions by Cass Class A (planned interruptions on the network) 0.07 Class A (planned interruptions of ten entwork) 0.07 Class A (planned interruptions of ten entwork) 0.07 Class A (planned interruptions of ten entwork) 0.07 Class C (unplanned interruptions of generation owned by others) 0.01 Class I (interruptions caused by another disclosing entity) 0.05 Class I (interruptions caused by another disclosing entity) 0.05 Class I (interruptions caused by another disclosing entity) 0.05 Class I (interruptions so the network) 0.05 Class I (interruptions caused by another network) 0.05 Class I (interruptions so the network) 0.05 Class I (interruptions so the network) 0.05 Class I (interruptions so the network) <	SCH	HEDULE 10: REPORT ON NETWORK RELIABILITY			
an there network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAFI and SADJ information is part of audited disclosure information (as defined in section 2.8. sector 2			t rate) for the disclosure	year. EDBs must provi	de explanatory comment
sch ref 10(i): Interruptions Number of interruptions 9 Interruptions by class interruptions 10 Class 6 (planned interruptions on the network) 67 11 Class 6 (planned interruptions on the network) 60 12 Class 6 (unplanned interruptions of generation) 13 Class 6 (unplanned interruptions of generation owned by others) 14 Class 6 (unplanned interruptions caused by another disclosing entity) 15 Class 6 (unplanned interruptions caused by another disclosing entity) 16 Class 1 (interruptions caused by another disclosing entity) 16 Class 1 (interruptions caused by another disclosing entity) 17 Class 1 (interruptions caused by another disclosing entity) 18 Class 1 (interruptions restored within 29 Total 20 Class 1 (interruptions on the network) 21 Class 2 (inplaned interruptions on the network) 22 Class 4 (planned interruptions on the network)					
8 10(i): Interruptions 9 Interruptions by class 10 Class A (planned interruptions of the network)	sectio	on 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.			
9 Interruptions by class Number of interruptions 10 Class A (planned interruptions by Transpower) - 11 Class B (planned interruptions on the network) 67 12 Class C (unplanned interruptions on the network) - 13 Class C (unplanned interruptions of the network) - 14 Class C (unplanned interruptions of BDB owned generation) - 15 Class C (unplanned interruptions of generation owned by others) - 16 Class I (inplanned interruptions caused by another disclosing entity) - 17 Class I (interruptions caused by another disclosing entity) - 18 Class I (interruptions caused by another disclosing entity) - 19 Total 375 20 Interruption restoration - 21 Interruption restoration - 22 Class C interruptions proceed within - 23 Class C (unplanned interruptions of the network) 0.95 24 SAFF and SAIDI by class SAFF SAID 25 Class C (unplanned interruptions of the network) 0.95 272.31 26 Class C (unplanned interruptions of the network) 0.95 272.31 27 Class C (unplanned interruptions of the network) 0.95<	sch ref				
9 Interruptions by class Number of interruptions 10 Class A (planned interruptions by Transpower) - 11 Class B (planned interruptions on the network) 67 12 Class C (unplanned interruptions on the network) - 13 Class C (unplanned interruptions of tBDB owned generation) - 14 Class C (unplanned interruptions of generation owned by others) - 15 Class A (planned interruptions caused by another disclosing entity) - 16 Class I (interruptions caused by another disclosing entity) - 17 Class I (interruptions caused by another disclosing entity) - 18 class I (interruptions caused by another disclosing entity) - 19 Total 175 20 Interruption restoration - 21 Interruption restoration - 22 Class C (interruptions by Transpower) - 23 Class C (unplanned interruptions on the network) 0.95 24 SAIFI and SAIDI by class SAIFI SAIFI 25 Class C (unplanned interruptions of generation owned by others) - - 26 Class C (unplanned interruptions on the network) 0.95 272.31 27 Class C (unplanned interruptions of DEB owned	Ĩ				
9 Interruptions by class interruptions 10 Class (lanned interruptions on the network) 67 12 Class C (unplanned interruptions on the network) 108 13 Class D (unplanned interruptions of the network) 108 14 Class C (unplanned interruptions of DB network) 108 15 Class C (unplanned interruptions of DB network) - 16 Class C (unplanned interruptions of DB network) - 17 Class C (unplanned interruptions acused by another disclosing entity) - 18 Class I (interruptions caused by another disclosing entity) - 19 Total 86 22 21 Interruption restoration 86 22 22 Class C Interruptions on the network) 0.95 272.31 23 Class C Inplaned interruptions on the network) 0.95 272.31 24 SAIFI and SAIDI by class SAIFI SAIDI 25 Class A (planned interruptions on the network) 0.95 272.31 26 Class C (unplanned interruptions of the network) 0.95 272.31 27 Class C (unplanned interruptions of the network) 0.95 272.31 28 Class C (unplaned interruptions of the network) 0.95 272.31 </th <th>8</th> <th>10(i): Interruptions</th> <th></th> <th></th> <th></th>	8	10(i): Interruptions			
20 Class A (planned interruptions by Transpower)					
11 Class B (planned interruptions on the network) 67 12 Class C (unplanned interruptions on the network) 108 13 Class D (unplanned interruptions of BB owned generation) 14 Class F (unplanned interruptions of generation owned by others) 15 Class F (unplanned interruptions caused by another disclosing entity) 16 Class I (interruptions caused by another disclosing entity) 17 Class I (interruptions caused by another disclosing entity) 18 Class I (interruptions caused by another disclosing entity) 19 Total 175 21 Interruption restoration \$3Hrs >3hrs 22 Class C (interruptions by Transpower) 23 Class A (planned interruptions on the network) 0.95 272.31 24 SAIFI and SAIDI by class SAIFI SAIFI SAIDI 25 Class A (planned interruptions on the network) 6.06 331.85 26 Class B (unplanned interruptions of generation) 27 Class C (unplanned interruptions of generation) -			interruptions		
12 Class C (unplanned interruptions on the network) 108 13 Class D (unplanned interruptions of EDB owned generation) - 14 Class E (unplanned interruptions of EDB owned generation) - 15 Class F (unplanned interruptions caused by another disclosing entity) - 16 Class H (planned interruptions caused by another disclosing entity) - 17 Class H (planned interruptions caused by another disclosing entity) - 18 Class H (planned interruptions caused by another disclosing entity) - 19 Total - 20 Interruption restoration SHris >3hrs 21 Interruptions restored within 86 22 22 Class C (unplanned interruptions by Transpower) - - 24 SAIFI and SAID by class SAIFI SAIDI 25 Class C (unplanned interruptions on the network) 0.05 272.31 26 Class B (planned interruptions on the network) 0.05 272.31 27 Class C (unplanned interruptions of generation owned by others) - - 28 Class C (unplanned interruptions of generation owned by others)			-		
13 Class D (unplanned interruptions of EDB owned generation) — 14 Class F (unplanned interruptions of EDB owned generation) — 15 Class F (unplanned interruptions of generation owned by others) — 16 Class F (unplanned interruptions caused by another disclosing entity) — 17 Class H (planned interruptions caused by another disclosing entity) — 18 Class I (interruptions caused by another disclosing entity) — 19 Total — 20 Interruptions restoration SHrs 21 Interruptions restored within 86 22 Class A (planned interruptions by Transpower) — 23 Class A (planned interruptions by Transpower) — 24 SAIFI and SAIDI by class SAIFI SAIDI 25 Class A (planned interruptions of the network) 0.055 272.31 26 Class B (unplanned interruptions of generation) — — 27 Class C (unplanned interruptions of generation) — — 28 Class D (unplanned interruptions of generation) — — — 29 Class F (unplanned int					
14 Class E (unplanned interruptions of EDB owned generation) - 15 Class F (unplanned interruptions of generation owned by others) - 16 Class G (unplanned interruptions caused by another disclosing entity) - 17 Class I (planned interruptions caused by another disclosing entity) - 18 Class I (interruption caused by another disclosing entity) - 19 Total - 20 Interruption restoration SHrs >3hrs 21 Class I (interruptions restored within 86 22 22 Class A (planned interruptions on the network) 0.95 222.31 23 Class A (planned interruptions on the network) 6.066 331.85 23 Class C (unplanned interruptions on the network) 6.066 331.85 24 Class C (unplanned interruptions of EDB owned generation) - - 25 Class C (unplanned interruptions of EDB owned generation) - - 26 Class C (unplanned interruptions caused by another disclosing entity) - - - 26 Class G (unplanned interruptions caused by another disclosing entity) - - -					
15 Class F (unplanned interruptions of generation owned by others) 16 Class G (unplanned interruptions caused by another disclosing entity) 17 Class H (planned interruptions caused by another disclosing entity) 18 Class I (interruptions caused by parties not included above) 19 Total 20 Interruption restoration \$3Hrs >3hrs 21 Interruptions restored within 86 22 23 Class C (interruptions by Transpower) 24 SAIFI and SAIDI by class SAIFI SAIDI 25 Class A (planned interruptions on the network) 0-5 722.31 26 Class B (unplanned interruptions on the network) 6.06 331.85 27 Class C (unplanned interruptions of EDB owned generation) 29 Class C (unplanned interruptions of generation owned by others) 29 Class G (unplanned interruptions caused by another disclosing entity) 21 Class G (unplanned interruptions caused by another disclosing entity) 29 <td< th=""><th></th><th></th><th></th><th></th><th></th></td<>					
16 Class G (unplanned interruptions caused by another disclosing entity) - 17 Class H (planned interruptions caused by another disclosing entity) - 18 Class I (interruptions caused by parties not included above) - 19 Total - 21 Interruption restoration S3Hrs >3hrs 22 Class C interruptions restored within 86 22 23 Class A (planned interruptions by Transpower) - - 24 Class A (planned interruptions on the network) 0.95 272.31 25 Class A (planned interruptions on the network) 0.95 272.31 26 Class B (planned interruptions on the network) 6.06 331.85 27 Class C (unplanned interruptions on the network) - - 28 Class D (unplanned interruptions of generation) - - 29 Class F (unplanned interruptions caused by another disclosing entity) - - - 31 Class I (interruptions caused by another disclosing entity) - - - 32 Class I (interruptions caused by another disclosing entity) - - -<					
17 Class H (planned interruptions caused by another disclosing entity) - 18 Class I (interruptions caused by parties not included above) - 19 Total 175 20 175 175 21 Interruption restoration S3Hrs >3hrs 22 Class C interruptions restored within 86 22 23 Class A (planned interruptions by Transpower) - - 24 Class A (planned interruptions on the network) 0.95 272.31 25 Class B (planned interruptions on the network) 6.06 331.85 26 Class D (unplanned interruptions on the network) 6.06 331.85 27 Class C (unplanned interruptions of EDB owned generation) - - 27 Class F (unplanned interruptions of ZDB owned generation) - - 28 Class F (unplanned interruptions caused by another disclosing entity) - - 29 Class F (unplanned interruptions caused by another disclosing entity) - - 29 Class F (unplanned interruptions caused by another disclosing entity) - - 20 Class F (unplanned i					
18 Class I (interruptions caused by parties not included above) — 19 Total — 20 Interruption restoration S3Hrs >3hrs 22 Class C interruptions restored within 86 22 23 Class A (planned interruptions by Transpower) — — 24 SAIFI and SAIDI by class SAIFI SAIDI 25 Class A (planned interruptions on the network) 0.95 272.31 26 Class D (unplanned interruptions on the network) 6.066 3331.85 27 Class C (unplanned interruptions by Transpower) — — 28 Class D (unplanned interruptions of EDB owned generation) — — 29 Class E (unplanned interruptions of SDB owned generation) — — 29 Class E (unplanned interruptions caused by another disclosing entity) — — — 30 Class I (planned interruptions caused by another disclosing entity) — — — 32 Class I (interruptions caused by another disclosing entity) — — — 33 Class I (interruptions caused by another disclosing entity) —					
19 Total 175 20 Interruption restoration \$3Hrs >3hrs 21 Interruptions restored within 86 22 23 Class C interruptions restored within 86 22 24 SAIFI and SAIDI by class SAIFI SAIDI 25 Class A (planned interruptions on the network) 0.95 272.31 26 Class B (planned interruptions on the network) 6.06 331.85 27 Class C (unplanned interruptions of the network) 6.06 331.85 28 Class D (unplanned interruptions of the network) 6.06 331.85 29 Class F (unplanned interruptions of generation) - - 20 Class F (unplanned interruptions of generation owned by others) - - 31 Class H (planned interruptions caused by another disclosing entity) - - 32 Class I (interruptions caused by another disclosing entity) - - 33 Class I (interruptions caused by another disclosing entity) - - 33 Class I (interruptions caused by parties not included above) - - 34					
20 Interruption restoration \$3Hrs >3hrs 22 Class C interruptions restored within 86 22 23 SAIFI and SAIDI by class SAIFI SAIDI 24 SAIFI and SAIDI by class \$3Hrs >3hrs 25 Class A (planned interruptions by Transpower) \$\$\frac{1}{-9}\$ \$\$\frac{2}{-22}\$ 26 Class B (planned interruptions on the network) \$0.95\$ \$272.31\$ 27 Class C (unplanned interruptions on the network) \$\$\frac{6.06}{-0.66}\$ \$331.85\$ 28 Class D (unplanned interruptions of generation) \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$ 29 Class F (unplanned interruptions caused by another disclosing entity) \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$ 31 Class I (planned interruptions caused by another disclosing entity) \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$ 32 Class I (planned interruptions caused by another disclosing entity) \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$ 33 Class I (interruptions caused by parties not included above) \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$ 34 Total \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$ \$\$\frac{-}{-}\$	-		175		
21 Interruption restoration SHrs >3hrs 22 Class C interruptions restored within 86 22 23 SAIFI and SAIDI by class SAIFI SAIDI 24 SAIFI and SAIDI by class			1.0		
23 SAIFI and SAIDI by class SAIFI SAIDI 25 Class A (planned interruptions by Transpower) 		Interruption restoration	≤3Hrs	>3hrs	
24 SAIFI and SAIDI by class SAIFI SAIDI 25 Class A (planned interruptions by Transpower) ————————————————————————————————————	22	Class C interruptions restored within	86	22	
25 Class A (planned interruptions by Transpower) - - 26 Class B (planned interruptions on the network) 0.95 272.31 27 Class C (unplanned interruptions on the network) 6.06 331.85 28 Class D (unplanned interruptions by Transpower) - - 29 Class E (unplanned interruptions of EDB owned generation) - - 30 Class F (unplanned interruptions of generation owned by others) - - 31 Class G (unplanned interruptions caused by another disclosing entity) - - 32 Class H (planned interruptions caused by another disclosing entity) - - 32 Class I (interruptions caused by another disclosing entity) - - 33 Class I (interruptions caused by parties not included above) - - 35 7.00 604.2 36 Normalised SAIFI and SAIDI Normalised SAIFI Normalised SAIDI	23				
25 Class A (planned interruptions by Transpower) - <	24	SAIFI and SAIDI by class	SAIFI	SAIDI	
26 Class B (planned interruptions on the network) 0.95 272.31 27 Class C (unplanned interruptions on the network) 6.06 331.85 28 Class D (unplanned interruptions by Transpower) - - 29 Class E (unplanned interruptions of EDB owned generation) - - 30 Class F (unplanned interruptions of generation owned by others) - - 31 Class G (unplanned interruptions caused by another disclosing entity) - - 32 Class H (planned interruptions caused by another disclosing entity) - - 32 Class I (interruptions caused by another disclosing entity) - - 33 Class I (interruptions caused by parties not included above) - - 34 Total 7.00 604.2	25	Class A (planned interruptions by Transpower)		-	
28 Class D (unplanned interruptions by Transpower) – – – 29 Class E (unplanned interruptions of EDB owned generation) – – – 30 Class F (unplanned interruptions of generation owned by others) – – – 31 Class G (unplanned interruptions caused by another disclosing entity) – – – 32 Class H (planned interruptions caused by another disclosing entity) – – – 33 Class I (interruptions caused by parties not included above) – – – 34 Total 7.00 604.2	26	Class B (planned interruptions on the network)	0.95	272.31	
29 Class E (unplanned interruptions of EDB owned generation) – – 30 Class F (unplanned interruptions of generation owned by others) – – 31 Class G (unplanned interruptions caused by another disclosing entity) – – 32 Class H (planned interruptions caused by another disclosing entity) – – 32 Class I (interruptions caused by another disclosing entity) – – 33 Class I (interruptions caused by parties not included above) – – 34 Total 7.00 604.2 35 . . . 36 Normalised SAIFI and SAIDI Normalised SAIFI Normalised SAIDI	27	Class C (unplanned interruptions on the network)	6.06	331.85	
30 Class F (unplanned interruptions of generation owned by others) – – 31 Class G (unplanned interruptions caused by another disclosing entity) – – 32 Class H (planned interruptions caused by another disclosing entity) – – 33 Class I (interruptions caused by another disclosing entity) – – 33 Class I (interruptions caused by parties not included above) – – 34 Total 7.00 604.2 35	28	Class D (unplanned interruptions by Transpower)	-	-	
31 Class G (unplanned interruptions caused by another disclosing entity) – – 32 Class H (planned interruptions caused by another disclosing entity) – – 33 Class I (interruptions caused by parties not included above) – – 34 Total – – 35 – – – 36 Normalised SAIFI and SAIDI Normalised SAIFI Normalised SAIDI	29	Class E (unplanned interruptions of EDB owned generation)	-	-	
32 Class H (planned interruptions caused by another disclosing entity) – – – 33 Class I (interruptions caused by parties not included above) – – – 34 Total 7.00 604.2 35 . . Normalised SAIFI and SAIDI	30	Class F (unplanned interruptions of generation owned by others)	-	-	
33 Class I (interruptions caused by parties not included above) 34 Total 35 36 Normalised SAIFI and SAIDI Normalised SAIFI Normalised SAIDI	31	Class G (unplanned interruptions caused by another disclosing entity)	-	-	
34 Total 35 7.00 36 Normalised SAIFI and SAIDI			_		
35 36 Normalised SAIFI and SAIDI Normalised SAIFI Normalised SAIDI					
36 Normalised SAIFI and SAIDI Normalised SAIFI Normalised SAIDI		Total	7.00	604.2	
	35				
	36	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI	
			7.00	604.16	
38	38				

		Г		
		Company Name		nd Network
		For Year Ended	31 M	arch 2021
	Network / Sub	o-network Name	Eastland Netv	vork Limited/WRA
Thi on	CHEDULE 10: REPORT ON NETWORK RELIABILITY s 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 tion 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 Vorentation			
43 44	Vegetation Adverse weather	1.08	51.60	
44	Adverse environment	0.20	10.33	
46	Third party interference	0.31	11.16	
47	Wildlife	0.59	60.31	
48	Human error	0.93	16.20	
49	Defective equipment	1.90	73.33	
50 51	Cause unknown	0.61	58.85	
54 55 57 58 69 60	Main equipment involved Subtransmission lines Subtransmission cables Subtransmission other Distribution lines (excluding LV) Distribution cables (excluding LV) Distribution other (excluding LV) 10(iv): Class C Interruptions and Duration by Main Equipment Involved	SAIFI 0.02 0.78 0.78 0.14	SAIDI 10.86 - - 243.12 18.34 -	
62				
63	Main equipment involved	SAIFI	SAIDI	
64 65	Subtransmission lines	1.49	39.15	
65 66	Subtransmission cables Subtransmission other	-		
67	Distribution lines (excluding LV)	4.56	292.69	
68	Distribution cables (excluding LV)	-	-	
69	Distribution other (excluding LV)	-	-	
70	10(v): Fault Rate			
71	Main equipment involved	Number of Faults	fircuit length (km)	Fault rate (faults per 100km)
72	Subtransmission lines	3	193	1.55
73	Subtransmission rables	-	0	-
	Subtransmission other	-	-	
74		-		
	Distribution lines (excluding LV)	105	681	15.42
74		105	681 20	
74 75	Distribution lines (excluding LV)			

COMMERCE COMMISSION NEW ZEALAND	
EDP Information Disc	locuro Poquiromonto
EDB Information Disc	
Information	1 Templates
fc	or
Schedule	s 5f & 5g
Company Name	Eastland Network
Disclosure Date Disclosure Year (year ended)	31 March 2021
Disclosure rear (year ended)	31 March 2021
Templates for So Template Version 4.1. Pre	

1

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Schedule Schedule name

- REPORT SUPPORTING COST ALLOCATIONS REPORT SUPPORTING ASSET ALLOCATIONS 5f
- 5g

										-		
									Company Name	Eastla	and Network Li	imited
									For Year Ended		31 March 2021	L
SCł	CHEDULE 5f: REPORT SUPPORTING COST ALLOCATIONS											
This s	is schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5d (Cost allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the											
Com	mission.											
This i	informati	on is part of audited disclosure information (as defined in section 1.4 of the l	D determination), ar	nd so is subject to the assurance rep	port required by sect	ion 2.8.						
h ref												
7												
0		Have costs been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination?	No									
8 9												
10						Allocator	Metric (%)		Value alloc	ated (\$000)		
						Electricity	Non-electricity		Electricity	Non-electricity		OVABAA allocation
			Allocation			distribution	distribution	Arm's length	distribution	distribution		increase
11		Line Item*	methodology type	Cost allocator	Allocator type	services	services	deduction	services	services	Total	(\$000)
12	Serv	ice interruptions and emergencies										
13												•
14												•
15							-					•
16 17	N	ot directly attributable										
									-	-	·	· I
18	Veg	etation management	-		1	-		-				1
19 20												
21												
22												
23	No	ot directly attributable	•		•		•	-	-	-	-	
24	Rou	tine and corrective maintenance and inspection										
5		•									-	
6												•
27												
28					<u> </u>		<u> </u>				-	·
29		ot directly attributable						-	-	-		
30	Asse	t replacement and renewal										-
31											-	
32			ļ									
33											-	
34		t directly attributable			I		L					
35 36	No	ot directly attributable						-	-	-		1

								Company Name For Year Ended		and Network Li 31 March 2021	
	JLE 5f: REPORT SUPPORTING COST ALLOCATION										
This schedul Commission	le requires additional detail on the asset allocation methodology applied in all .	ocating asset values t	that are not directly attributable, to	support the informa	tion provided in Sch	nedule 5d (Cost alloo	cations). This schedu	le is not required to	be publicly disclose	d, but must be discl	osed to the
This informa	ation is part of audited disclosure information (as defined in section 1.4 of the	ID determination), a	nd so is subject to the assurance rep	port required by sect	ion 2.8.						
h ref											
37 Sy 38	stem operations and network support	1									
39										-	
40										-	
1										-	
	Not directly attributable						-	-	-	-	
	siness support	T		[[-	-	-		[
4 5							-		-	-	
16										-	
17										-	
8 9	Not directly attributable						-	-	-	-	
	Operating costs not directly attributable						-	-	-	-	
1											
2 Pa	ss through and recoverable costs										
3 P 4	ass through costs									-	
5										-	
6										-	
7										-	
	Not directly attributable						-	-	-	-	
	ecoverable costs										
0 1										-	
2										-	
3										-	
	Not directly attributable						-	-	-	-	
5 * ir	nclude additional rows if needed										

									Company Name	Eastla	and Network Li	mited
									For Year Ended		31 March 2021	
9	CHEDU	LE 5g: REPORT SUPPORTING ASSET ALLOCATION	IS									
		requires additional detail on the asset allocation methodology applied in allocation		t are not directly att	ributable, to support	t the information pro	ovided in Schedule 5	e (Report on Asset A	llocations). This sche	dule is not required	to be publicly disclo	used, but must be
d	isclosed to th	e Commission.									,,	
Т	his information	on is part of audited disclosure information (as defined in section 1.4 of the ID	determination), and s	o is subject to the a	ssurance report requ	uired by section 2.8.						
sch	ref											
7												
		Have assets been allocated in aggregate using ACAM in accordance with										
8		clause 2.1.1(3) of the IM Determination?	No									
9				l								
10						Allocator	Metric (%)		Value alloc	ated (\$000)		
						Electricity	Non-electricity		Electricity	Non-electricity		OVABAA
			Allocation			distribution	distribution	Arm's length	distribution	distribution		allocation increase
11		Line Item*	methodology type	Allocator	Allocator type	services	services	deduction	services	services	Total	(\$000)
12		transmission lines	-		1	P	1					
13											-	
14											-	<u> </u>
15 16												
17		lot directly attributable					I	-				-
18		transmission cables			1		1					
19											-	
20 21												
22												
23		lot directly attributable	<u> </u>		ı	I	<u> </u>	-	-	-	-	-
24		e substations										
25											-	
26											-	
27											-	
28											-	
29		lot directly attributable						-	-	-	-	-
30		ribution and LV lines										
31											-	ļ
32												<u> </u>
33											-	<u> </u>
34 35		lot directly attributable					I					
35	N	ior directly attributable						-			-	

								(Company Name	Fastl	and Network Li	mited
				For Year Ended	31 March 2021							
											51 March 2021	
This disc	SCHEDULE 5g: REPORT SUPPORTING ASSET ALLOCATIONS This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5e (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.											
		m is part of audited disclosure information (as defined in section 1.4 of the ID $$	determination), and s	so is subject to the a	ssurance report requ	ired by section 2.8.						
sch ref 36		ibution and LV cables										
37	Disti			r	r	r		т т			T	
37 38											-	
39				-		-					-	
39 40											-	
40 41	N	ot directly attributable			I		I					
41	NC	or an easy archibard DIC							-		-	
43	Distr	ibution substations and transformers		F	P	F	1	TT				
44			ļ								-	
45											-	
46											-	
47											-	
48	No	ot directly attributable						-	-	-	-	-
49												
50	Distr	ibution switchgear										
51											-	
52											-	
53											-	
54											-	
55	No	ot directly attributable	•		•		•	-	-	-	-	-
56	Othe	er network assets										
57											-	
58											-	
59											-	
60											-	
61	No	ot directly attributable						-	-	-	-	-
62	Non-	-network assets										
63											-	
64											-	
65											-	
66								1			-	
67	No	ot directly attributable						-	-	-	-	-
68												
69	Re	egulated service asset value not directly attributable						-	-	-	-	-
70	* inclu	ude additional rows if needed										

Company Name Eastland Network Limited

For Year Ended

31 March 2021

Schedule 14 Mandatory Explanatory Notes

(Guidance Note: This Microsoft Word version of Schedules 14, 14a and 15 is from the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018. Clause references in this template are to that determination)

- 1. This schedule requires EDBs to provide explanatory notes to information provided in accordance with clauses 2.3.1, 2.4.21, 2.4.22, and subclauses 2.5.1(1)(f),and 2.5.2(1)(e).
- 2. This schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.1. Information provided in boxes 1 to 11 of this schedule is part of the audited disclosure information, and so is subject to the assurance requirements specified in section 2.8.
- 3. Schedule 15 (Voluntary Explanatory Notes to Schedules) provides for EDBs to give additional explanation of disclosed information should they elect to do so.

Return on Investment (Schedule 2)

4. In the box below, comment on return on investment as disclosed in Schedule 2. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 1: Explanatory comment on return on investment There are no reclassified items.

Regulatory Profit (Schedule 3)

- 5. In the box below, comment on regulatory profit for the disclosure year as disclosed in Schedule 3. This comment must include-
 - 5.1 a description of material items included in other regulated income (other than gains / (losses) on asset disposals), as disclosed in 3(i) of Schedule 3
 - 5.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit Material items included in other regulated income included

- Our regulated profit for the year is \$6.7m which is a decrease compared to regulated income from the previous year due to the new DPP requirements and a decreased allowable revenue.
- Material items included in other regulated income include a compensation receipt from a forestry company for damage to network property and miscellaneous income.

There are no reclassified items.

Merger and acquisition expenses (3(iv) of Schedule 3)

- 6. If the EDB incurred merger and acquisitions expenditure during the disclosure year, provide the following information in the box below-
 - 6.1 information on reclassified items in accordance with subclause 2.7.1(2).
 - 6.2 any other commentary on the benefits of the merger and acquisition expenditure to the EDB.

Box 3: Explanatory comment on merger and acquisition expenditure There were no merger or acquisition expenditure during the year.

Value of the Regulatory Asset Base (Schedule 4)

7. In the box below, comment on the value of the regulatory asset base (rolled forward) in Schedule 4. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 4: Explanatory comment on the value of the regulatory asset based (rolled forward) The RAB has increased by \$6.3m. CPI remained constant at 1.52% which resulted in an increase in revaluations. Assets commissioned contributed \$10.5m to the RAB compared to additions last year of \$8.5m. \$1.7m of assets commissioned in 2021 were diesel generators purchased from the generation arm of Eastland Group.

The \$(219k) resulting for asset allocation adjustments is related to the change in use of investment building. Previously ENL used a proportion of properties to store assets etc. ENL no longer require this and are being solely used as investment building and properties in the region.

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

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

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

Box 5: Regulatory tax allowance: permanent differences The amounts are immaterial.

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

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

Box 6: Tax effect of other temporary differences (current disclosure year) The amounts are immaterial.

Cost allocation (Schedule 5d)

10. In the box below, comment on cost allocation as disclosed in Schedule 5d. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 7: Cost allocation Not applicable

Asset allocation (Schedule 5e)

11. In the box below, comment on asset allocation as disclosed in Schedule 5e. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 8: Commentary on asset allocation No asset allocation has been applied.

Capital Expenditure for the Disclosure Year (Schedule 6a)

12. In the box below, comment on expenditure on assets for the disclosure year, as disclosed in Schedule 6a. This comment must include-

- 12.1 a description of the materiality threshold applied to identify material projects and programmes described in Schedule 6a;
- 12.2 information on reclassified items in accordance with subclause 2.7.1.

Box 9: Explanation of capital expenditure for the disclosure year

Most of the capital expenditure is focused on asset replacement and renewal to maintain the network by replacing aging assets.

Major expenditure items for categories in asset replacement and renewal were:

Gisborne substation (50kV) project

Planned 50kV, 11kV and 400v pole replacements in the Gisborne and Wairoa regions.

Planned 110kV structure replacements.

There is no materiality threshold applied to the schedule.

There are no items reclassified during the year.

Capital expenditure for the year was \$10.7m compared to \$10.3m during 2020.

Operational Expenditure for the Disclosure Year (Schedule 6b)

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

Box 10: Explanation of operational expenditure for the disclosure year

System operations and network support (SONS) and business support (BS) make up the majority of operational spend, \$2.7m and \$3.1m respectively for the 2021 year. The single largest item contributing to business support is the shared services management fee \$1.9m. This includes services such as costs of governance, IT, accounting and HR.

There have been no reclassified items during the year.

Variance between forecast and actual expenditure (Schedule 7)

14. In the box below, comment on variance in actual to forecast expenditure for the disclosure year, as reported in Schedule 7. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 11: Explanatory comment on variance in actual to forecast expenditure **CAPITAL EXPENDITURE**

Customer Connections variance (-\$80k)

This variance relate to unplanned customer driven expenditure category and is not considered material.

System Growth variances (-\$836k)

The underspend mainly related to the Mahia 33kv line extension project that didn't go ahead due to difficulties securing a lease for some land. This project was deferred to the 2021-22 period. This money was diverted to other projects throughout the forecasting process once ENL knew the money wouldn't be spent in that period. The money was mostly diverted to asset replacement and renewable projects.

Asset Replacement and Renewal variances (+\$532k)

The overspend is related to multiple projects the largest contributors being conductor replacement in the Gisborne and Wairoa regions, transformer replacements and a 50kV underground project at the Gisborne substation. These projects were allowed more spend through the forecasting process due to other projects such as the Mahia 33kV line (in system growth) not going ahead.

Reliability, Safety and Environment (-\$94k)

Quality of Supply, (\$223k)

The total overspend was related to the 11kV field recloser automation plan project.

Other, (-\$317k)

This variance is a direct result of galvanised meter box replacements having to be deferred because of a lack of suitable field service resources and retailer agreements for payments.

Non- network Assets (\$256k)

This variance mostly relates to the replacements of vehicles.

OPERATIONAL EXPENDITURE

Asset Replacement and Renewal (-\$1.1m)

The biggest contributor to the underspend is ACOD (\$1m). This is due to an updated model and the transfer of diesel generators into the network so the no longer receive ACOD.

Service Interruptions and Emergencies, Vegetation Management and Routine Corrective maintenance and inspection

Variance against budget for these expenditure categories is not considered Material (+/- 10%).

System operations and network support (+372k)

Main areas of overspend were direct payroll costs (\$56k), legal and consultant costs (\$40k), overhead labour on charge for capital assets (137k) and other additional overhead costs from other cost centres such as gensets and faults that were new additions throughout the year and hence not budgeted for.

Business Support (-611k)

The main variances where payroll costs (\$387k), Regulatory preparedness costs (\$122k), Electricity complaints (\$35K) and other minimal underspends in various GL items.

Information relating to revenues and quantities for the disclosure year

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

Box 12: Explanatory comment relating to revenue for the disclosure year There is no material difference between target and actual revenue.

Network Reliability for the Disclosure Year (Schedule 10)

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

Box 13: Commentary on network reliability for the disclosure year

Where an interruption to the supply of electricity distribution services is followed by restoration of some customers, and then later by a "successive interruption" to restore all customers, Eastland have only been calculating the relevant SAIFI values based on a single outage, not based on multiple interruptions.

Following clarification from the Commerce Commission, we are now aware that this treatment is inconsistent with the definition of "interruption" in the Default Price Path and Schedule 1.4 of Electricity Distribution Information Disclosure Determination 2012, and has led to SAIFI being underreported in previous years.

The data stated in this year's Schedule 10 is consistent with how Eastland has been treating SAIFI in the past.

The information provided in Schedule 10 has been derived from the records kept by the control room. These processes follow Eastland Outage Data Recording Procedures contained in our Quality Standards Manuals and are typical of industry control room procedures. As these processes are reliant on initial manual paper-based data capture, external verification of completeness of data capture is difficult.

Insurance cover

- 17. In the box below, provide details of any insurance cover for the assets used to provide electricity distribution services, including-
 - 17.1 The EDB's approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;
 - 17.2 In respect of any self insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

Box 14: Explanation of insurance cover

Network assets such as the substation buildings, zone sub transformers and switchgear, SCADA, other communications equipment excluding fibre-optic cables are insured but lines, poles and cables are not. These assets are insured for replacement cost to a maximum of \$70 million.

Eastland Network Limited has no self-insurance cover.

Amendments to previously disclosed information

- 18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause 2.12.1 in the last 7 years, including:
 - 18.1 a description of each error; and
 - 18.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 15: Disclosure of amendment to previously disclosed information There were no amendments to the previously disclosed information. Company Name Eastland Network

For Year Ended 31 March 2021

Schedule 14a Mandatory Explanatory Notes on Forecast Information

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018.)

- 1. This Schedule requires EDBs to provide explanatory notes to reports prepared in accordance with clause 2.6.6.
- 2. This Schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with 2.7.2. This information is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.

Commentary on difference between nominal and constant price capital expenditure forecasts (Schedule 11a)

3. In the box below, comment on the difference between nominal and constant price capital expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11a.

Box 1: Commentary on difference between nominal and constant price capital expenditure forecasts This was previously disclosed in the Asset Management Plan in March.

Commentary on difference between nominal and constant price operational expenditure forecasts (Schedule 11b)

4. In the box below, comment on the difference between nominal and constant price operational expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11b.

Box 2: Commentary on difference between nominal and constant price operational expenditure forecasts This was previously disclosed in the Asset Management Plan in March. Company Name Eastland Network

For Year Ended 31 March 2021

Schedule 15 Voluntary Explanatory Notes

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018.)

- 1. This schedule enables EDBs to provide, should they wish to-
 - 1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1 and 2.5.2.
 - 1.2 information on any substantial changes to information disclosed in relation to a prior disclosure year, as a result of final wash-ups.
- 2. Information in this schedule is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.
- 3. Provide additional explanatory comment in the box below.

Box 1: Voluntary explanatory comment on disclosed information

Schedule 18 Certification for Year-end Disclosures

Clause 2.9.2

We, Jon Nichols and Candace Kinser being directors of Eastland Network certify that, having made all reasonable enquiry, to the best of our knowledge-

- a) the information prepared for the purposes of clauses 2.3.1, 2.3.2, 2.4.21, 2.4.22, 2.5.1, 2.5.2, and 2.7.1 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and
- b) the historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 9e, 10, and 14 has been properly extracted from the Eastland Network Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained except in the case of recording of outage information contained in Schedule 10. While we believe that sufficient records are maintained, third party verification of the completeness of this data is difficult to achieve.
- c) In respect of information concerning assets, costs and revenues valued or disclosed in accordance with clause 2.3.6 of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012, we are satisfied that-
 - the costs and values of assets or goods or services acquired from a related party comply, in all material respects, with clauses 2.3.6(1) and 2.3.6(3) of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5)(a)-2.2.11(5)(b) of the Electricity Distribution Services Input Methodologies Determination 2012; and
 - ii. the value of assets or goods or services sold or supplied to a related party comply, in all material respects, with clause 2.3.6(2) of the Electricity Distribution Information Disclosure Determination 2012.

Jon Nichols

Candace Kinser

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19 August 2021

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19 August 2021

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Date

Date

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INDEPENDENT ASSURANCE REPORT TO THE DIRECTORS OF EASTLAND NETWORK LIMITED AND TO THE COMMERCE COMMISSION ON THE DISCLOSURE INFORMATION FOR THE DISCLOSURE YEAR ENDED 31 MARCH 2021 AS REQUIRED BY THE ELECTRICITY DISTRIBUTION INFORMATION DISCLOSURE DETERMINATION 2012

Eastland Network Limited (the 'Company') is required to disclose certain information under the Electricity Distribution Information Disclosure Determination 2012 (the 'Determination') and to procure an assurance report by an independent auditor in terms of section 2.8.1 of the Determination.

The Auditor-General is the auditor of the Company.

The Auditor-General has appointed me, Brett Tomkins, using the staff and resources of Deloitte Limited, to undertake a reasonable assurance engagement, on his behalf, on whether the information subject to audit in terms of the Determination prepared by the Company for the disclosure year ended 31 March 2021 (the 'Disclosure Information') complies, in all material respects, with the Determination.

The Disclosure Information that falls within the scope of the assurance engagement are:

- Schedules 1 to 4, 5a to 5g, 6a and 6b, 7, 10 and 14 (limited to the explanatory notes in boxes 1 to 11) of the Determination.
- Clause 2.3.6 of the Determination and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012 (the 'IM Determination'), in respect of the basis for valuation of related party transactions (the 'Related Party Transaction Information').

This assurance report should be read in conjunction with the Commerce Commission's Information Disclosure exemption, issued to all electricity distribution businesses on 17 May 2021 under clause 2.11 of the Determination. The Commerce Commission granted an exemption from the requirement that the assurance report, in respect of the information in Schedule 10 of the ID Determination, must take into account any issues arising out of the Company's recording of SAIDI, SAIFI, and number of interruptions due to successive interruptions.

Opinion

In our opinion, in all material respects:

- as far as appears from an examination, proper records to enable the complete and accurate compilation of the Disclosure Information have been kept by the Company;
- as far as appears from an examination, the information used in the preparation of the Disclosure Information has been properly extracted from the Company's accounting and other records, sourced from the Company's financial and non-financial systems;
- the Disclosure Information complies with the Determination; and
- the basis for valuation of related party transactions complies with the Determination and the IM Determination.

Basis for opinion

We conducted our engagement in accordance with the Standard on Assurance Engagements (SAE) 3100 (Revised) *Assurance Engagements on Compliance*, issued by the New Zealand Auditing and Assurance Standards Board. An engagement conducted in accordance with SAE (NZ) 3100 (Revised) requires that we comply with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised) *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information*.

We have obtained sufficient recorded evidence and explanations that we required to provide a basis for our opinion.

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Key Assurance Matters

Key assurance matters are those matters that, in our professional judgement, required significant attention when carrying out the assurance engagement during the current disclosure year. These matters were addressed in the context of our compliance engagement, and in forming our opinion. We do not provide a separate opinion on these matters.

Key Assurance Matter	How our procedures addressed the key assurance matter
 Valuation of related party goods and services at arms-length The basis of valuation of related party transactions are required to be disclosed on Schedule 5b of the disclosure information. The Directors have determined that the related party transactions identified have occurred at arms-length by comparing related party terms and conditions, including pricing, to external transactions and information. The Company also charges related parties for line charges. The Company receives fault, maintenance, and electrical contract services from related parties. The Company also receives administration services provided to the Company by its immediate holding company, Eastland Group Limited, and these services are on-charged in the form of a management fee using an annual allocation of costs. Due to the judgements and assumptions associated with the allocation of administration costs to the Company, along with the inherent judgment associated with the valuation of the goods or services on an arms-length basis, these matters have been identified as a key audit matter. 	 A detailed listing of all transactions impacting the company for the disclosure year ended 31 March 2021 was obtained and compared to the list of entities and transactions included on Schedule 5b. We also obtained management's methodology of how they determined the transactions were related party transactions and their assessment of these transactions at arm's length. Our procedures over the valuation of related party goods and services at arms-length included: <i>Goods and services (excluding administration services)</i> agreeing on a sample basis, the transactions listed on Schedule 5b to external transactions and information and tracing the amounts to the terms, conditions and prices of comparative external transactions or information. Administration services obtaining the management fees calculation from Group management; assessing the rationale and basis of the management fees in line with our understanding of the Group; agreeing the the total costs allocated to budgets used to set the management fees and comparing to actual spend; tracing the inputs used to perform the calculation to supporting documentation as considered relevant; and recalculating the allocations and agreeing the amount charged to the Company reported on Schedule 5b.
Completeness and accuracy of the non-financial	We have obtained an understanding of the Company's
reporting disclosures in relation to the faults	methods by which electricity outages and their duration are
data capture (SAIDI/SAIFI)	recorded. We also completed analytical procedures for
The Information Disclosure Determination	outage events, including analysing actual outages compared
defines certain quality measures in relation to	with prior year outages.
the number of interruptions, faults, and causes of	To assess the completeness of the faults and interruptions
faults. These quality measures are expressed in	used in calculating SAIFI and SAIDI, we performed the
the form of SAIDI and SAIFI values.	following procedures:
The Company does not have automated systems	 On a sample basis we selected work permits and traced
for identifying and recording the duration of	details per the work permit to the manual switching
outages.	sheets and traced the number of customers, number of
The Company's policies and procedures require	minutes and the class type to the details recorded in the
all faults, whether planned or unplanned, to be	outages database;

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Key Assurance Matter	How our procedures addressed the key assurance matter
recorded on manual switching sheets. The switching sheets contain details regarding the class and calculation of each outage. The information included on the switching sheet is then manually entered into the outages database. Where access to the network is required to address the fault and interruption, it is mandatory for a work permit to be completed. Work permits are sequentially numbered and are required to be attached to the manual switching sheets. This is a key audit matter because information on the frequency and duration of outages is an important measure about the reliability of electricity supply. As the Company's process is mostly not system integrated and therefore subject to manual processes without systematic controls, inaccuracies or the omission of faults can potentially have a significant impact on the reliability thresholds against which Company performance is assessed.	 On a sample basis, we selected manual switching sheets without work permits and traced the number of customers, number of minutes and class type to the details recorded in the outages database; A sample of work permits for April 2021 were selected for testing and traced to the ensure the faults related to the subsequent financial year; and We have checked whether major storm and outage events recorded in the media were appropriately recorded in the outages database. To assess the accuracy of the calculation of SAIFI and SAIDI, we performed the following procedures: Using the samples selected above, we recalculated the number of minutes and customers affected and agreed the amounts recalculated to the amounts recorded in the Outages database; Using the samples selected above we ensured that the faults that did not meet the reporting requirements were correctly excluded from the data used to calculate SAIFI and SAIDI. Recalculated the normalised SAIDI and SAIFI using the predetermined boundary limits. We have also reviewed the disclosure in Schedule 14 in respect of the treatment of successive interruptions.

Directors' responsibilities

The directors of the Company are responsible in accordance with the Determination for:

- the preparation of the Disclosure Information; and
- the Related Party Transaction Information

The directors of the Company are also responsible for the identification of risks that may threaten compliance with the schedules and clauses identified above and controls which will mitigate those risks and monitor ongoing compliance.

Auditor's responsibilities

Our responsibilities in terms of clauses 2.8.1(1)(b)(vi) and (vii), 2.8.1(1)(c) and 2.8.1(1)(d) are to express an opinion on whether:

- As far as appears from an examination, the information used in the preparation of the audited Disclosure Information has been properly extracted from the Company's accounting and other records, sourced from its financial and non-financial systems.
- As far as appears from an examination, proper records to enable the complete and accurate compilation of the audited Disclosure Information required by the Determination have been kept by the Company and, if not, the records not so kept.
- The Company complied, in all material respects, with the Determination in preparing the audited Disclosure Information.
- The Company's basis for valuation of related party transactions in the disclosure year has complied, in all material respects, with clause 2.3.6 of the Determination and clauses 2.2.11(1)(g) and 2.2.11(5) of the IM Determination.

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To meet these responsibilities, we planned and performed procedures in accordance with SAE (NZ) 3100 (Revised), to obtain reasonable assurance about whether the Company has complied, in all material respects, with the Disclosure Information (which includes the Related Party Transaction Information) required to be audited by the Determination.

An assurance engagement to report on the Company's compliance with the Determination involves performing procedures to obtain evidence about the compliance activity and controls implemented to meet the requirements. The procedures selected depend on our judgement, including the identification and assessment of the risks of material non-compliance with the requirements.

Inherent limitations

Because of the inherent limitations of an assurance engagement, together with the internal control structure, it is possible that fraud, error or non-compliance with the Determination may occur and not be detected. A reasonable assurance engagement throughout the disclosure year does not provide assurance on whether compliance with the Determination will continue in the future.

Restricted use

This report has been prepared for use by the directors of the Company and the Commerce Commission in accordance with clause 2.8.1(1)(a) of the Determination and is provided solely for the purpose of establishing whether the compliance requirements have been met. We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the Company and the Commerce Commission, or for any other purpose than that for which it was prepared.

Independence and quality control

We complied with the Auditor-General's:

- independence and other ethical requirements, which incorporate the independence and ethical requirements of Professional and Ethical Standard 1 issued by the New Zealand Auditing and Assurance Standards Board; and
- quality control requirements, which incorporate the quality control requirements of Professional and Ethical Standard 3 (Amended) issued by the New Zealand Auditing and Assurance Standards Board.

The Auditor-General, and his employees, and Deloitte Limited and its partners and employees may deal with the Company on normal terms within the ordinary course of trading activities of the Company. Other than any dealings on normal terms within the ordinary course of trading activities of the Company, this engagement, the assurance engagement on Default Price-Quality Path and the annual audit of the Company's financial statements, we have no relationship with or interests in the Company.

BETAN

Brett Tomkins Deloitte Limited On behalf of the Auditor-General Auckland, New Zealand 19 August 2021