

Eastland Network

drop-down to change

Explanatory documentation: [Link](#)

Summary database: [Link](#)

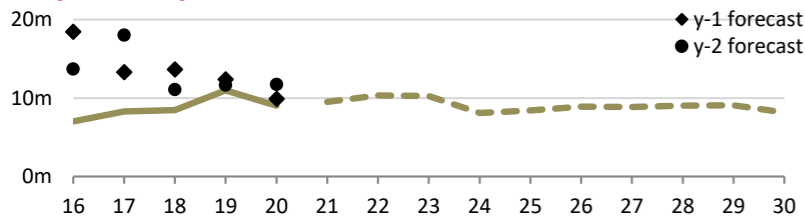
Performance Accessibility Tool: [Link](#)

2020

Summary statistics

	2020 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$166m		+1.3%	20
Regulatory profit	\$13.9m		+3.4%	13
Return on investment	9.10%		+0.6%	3
Line charge revenue	\$37.7m		+1.2%	17
Other income	\$0.6m		-3.5%	12
Customer connections	25,658		+0.3%	18
Energy delivered	283 GWh		+1.1%	22
Peak demand	59 MW		+0.3%	24
Network capacity	268 MVA		+0.9%	20
Capital expenditure	\$9.0m		+2.8%	21
Operating expenditure	\$11.4m		+4.8%	18
Capital contributions	\$0.0m			26
Related party transactions	\$6.3m		-4.8%	17
Line length	3,949km		-0.0%	15
Outages - SAIDI	270 minutes		-48.0%	8
Outages - SAIFI	3.44 faults		-8.7%	4

Capital expenditure

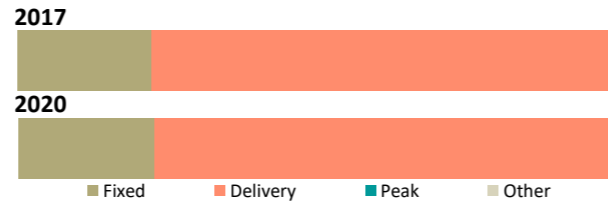


3 year ratios		
Total capex / asset base	Total capex / connections	Total capex / depreciation
5.8% Rank: 25	\$371 Rank: 21	1.58 Rank: 23

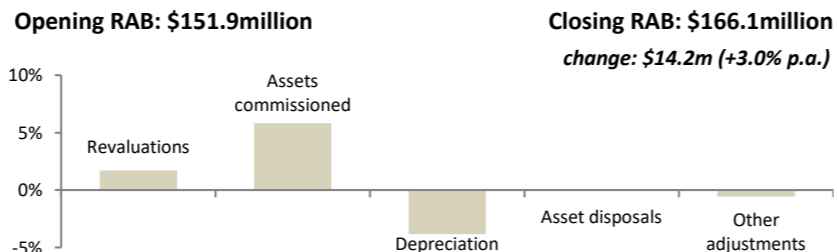
Capex by expenditure category	Average (2018-2020)	5 year trend	% of capex
Asset replacement & renewal	\$8.0m		84.6%
System growth	\$0.6m		6.5%
Non-network assets	\$0.5m		4.8%
Reliability, safety & environment	\$0.3m		3.2%
Consumer connection	\$0.1m		0.8%
Asset relocations	\$0.0m		0.2%
Total capital expenditure	\$9.5m		100.0%
Related party transactions	\$0.6m		6.0%

Line charge revenues

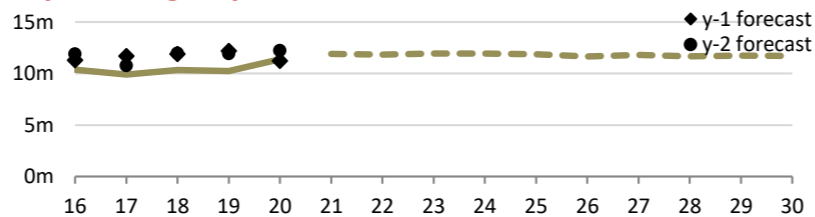
	Proportion of revenue	Charges per unit	Rank
Average daily charge	23.1%	92.8¢/ICP	9
Delivery (kWh)	76.9%	10.3¢/kWh	2
Peak based	0.0%	N/A	21



Annualised RAB changes (2018-2020)



Operating expenditure



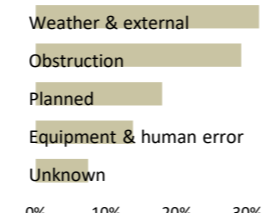
3 year ratios		
Network opex / metre of line	Non-network opex / connections	Total opex / kW
\$1.31 Rank: 20	\$213 Rank: 17	\$181 Rank: 8

Opex by expenditure category	Average (2018-2020)	5 year trend	% of opex
Business support	\$3.6m		33.5%
System operations & network support	\$1.9m		17.8%
Asset replacement & renewal	\$1.7m		16.1%
Service interruptions & emergencies	\$1.3m		12.4%
Vegetation management	\$1.1m		10.6%
Routine & corrective maintenance	\$1.0m		9.5%
Total operating expenditure	\$10.6m		100.0%
Related party transactions	\$5.0m		46.5%

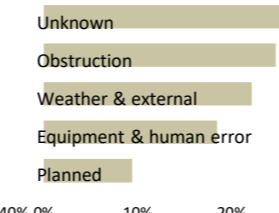
Reliability

	Unplanned	Planned	Trend
Interruptions	323	231	↑
SAIDI	199.5	70.6	↓
SAIFI	3.10	0.34	↓
CAIDI	64.4	208.6	↓

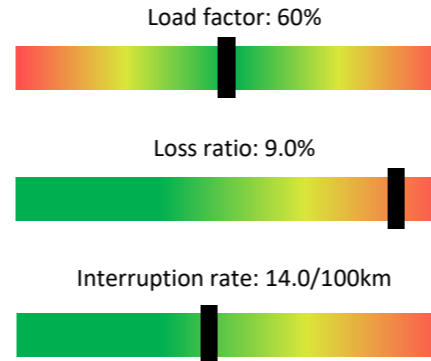
SAIDI causes



SAIFI causes



Network ratios



Company details

PQ Regulated?	Yes	Price breach:	No
		Quality breach:	2012
CEO (Group):	Matt Todd		
Ownership:	Trust Tairaawhiti		
Head Office:	37 Gladstone Road; Gisborne 4040		
Phone number:	06 986 4800		
Website:	www.eastland.co.nz		

Lines and cables

Estimated state of the assets	Distribution & LV			
	O/H lines	U/G cables	Subtransmission lines and cables	Poles
Quantity	2,892km	413km	644km	35,106
RAB Value	\$59.5m	\$25.9m	\$19.2m	*
Average grade	3.57	3.34	3.55	3.67
Grade 1 / 2	0.9% / 8.1%	0.4% / 27.4%	0.0% / 2.7%	1.3% / 22.6%
Unknown grade	0.0%	0.0%	0.0%	0.0%
Average age	51 years	28 years	51 years	30 years
Over generic age	821km (28.4%)	2km (0.6%)	176km (27.3%)	7,860 (22.4%)
Unknown age	0.0%	0.0%	0.0%	0.0%
5yr replacement req (est)	4.9%	14.1%	1.4%	12.6%
5yr planned replacement	100.0%	100.0%	100.0%	100.0%
Forecast repex (ave)	\$3.9m +20%	\$0.3m +128%	\$1.6m +22%	*
Repex series				*

* RAB and expenditure on poles is included within Distribution and LV lines

Switchgear and transformers

Estimated state of the assets	Distribution		Zone-substation	
	transformers	switchgear	transformers	switchgear
Quantity	3,608	4,893	44	167
RAB Value	\$17.4m	\$8.6m	<----- \$23.7m ----->	
Average grade	3.44	2.91	0.00	3.76
Grade 1 / 2	2.4% / 27.7%	21.7% / 25.1%	0.0% / 0.0%	0.5% / 20.4%
Unknown grade	0.0%	0.0%	0.0%	0.0%
Average age	29 years	30 years	33 years	19 years
Over generic age	943 (26.1%)	1,941 (39.7%)	16 (36.4%)	16 (9.3%)
Unknown age	0.0%	0.0%	0.0%	0.0%
5yr replacement req (est)	16.2%	34.2%	0.0%	10.7%
5yr planned replacement	100.0%	100.0%	0.0%	103.6%
Forecast repex (ave)	\$0.4m -17%	\$0.5m +29%	\$0.7m -69%	
Repex series				

