

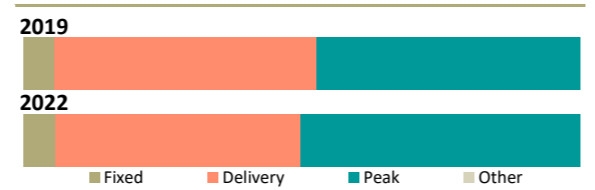
EA Networks

Summary statistics

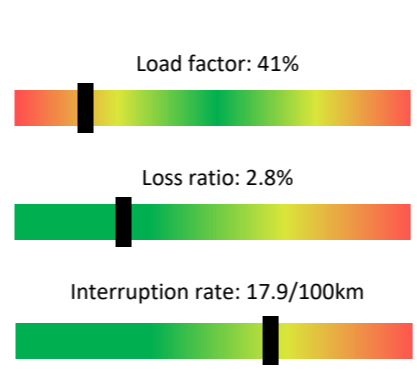
	2022 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$322m		+3.3%	11
Regulatory profit	\$27.8m		+19.5%	10
Return on investment	9.75%		+17.3%	11
Line charge revenue	\$41.4m		-4.6%	14
Other income	\$0.2m		-21.2%	19
Customer connections	20,247		+1.4%	21
Energy delivered	554 GWh		+3.4%	15
Peak demand	160 MW		+0.4%	10
Network capacity	605 MVA		+0.9%	10
Capital expenditure	\$15.8m		-10.6%	16
Operating expenditure	\$13.6m		+1.9%	17
Capital contributions	\$0.9m		-10.2%	19
Related party transactions	\$9.4m		-10.1%	14
Line length	3,105km		+0.2%	19
Outages - SAIDI	236 minutes		+6.1%	17
Outages - SAIFI	2.01 faults		+11.3%	17

Line charge revenues

	Proportion of revenue	Charges per unit	Rank
Average daily charge	5.8%	32.4¢/ICP	23
Delivery (kWh)	44.0%	3.3¢/kWh	24
Peak based	50.3%	\$130/kW	5



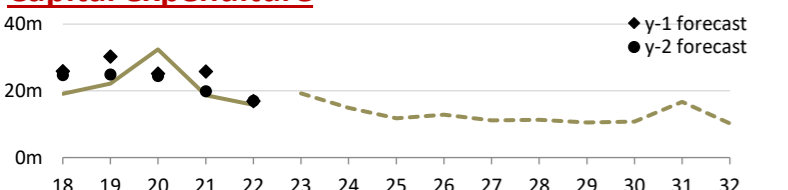
Network ratios



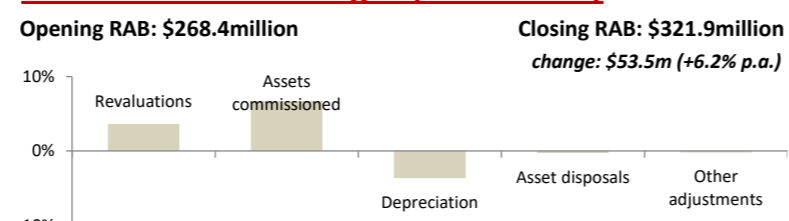
Company details

PQ Regulated?	Yes	Known Breaches	Price: 2021 Quality: No
CEO:	Roger Sutton	Ownership:	Ashburton District Council Co-operative members
Head Office:	22 JB Cullen Drive, Ashburton Business Estate	Phone number:	03 307 9800
Website:	www.eanetworks.co.nz		

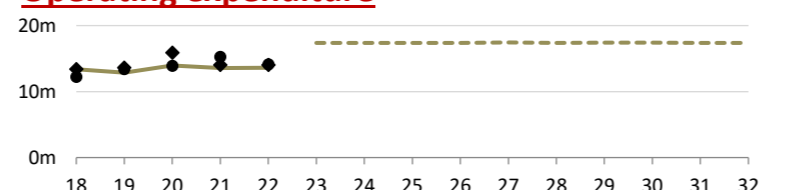
Capital expenditure



Annualised RAB changes (2020-2022)



Operating expenditure



Lines and cables

Estimated state of the assets	Distribution & LV O/H lines	Distribution & LV U/G cables	Subtransmission lines and cables	Poles
Quantity	1,999km	720km	398km	28,646
RAB Value	\$53.7m	\$85.8m	\$18.2m	*
Average grade	4.08	4.57	4.36	4.24
Grade 1 / 2	1.5% / 3.3%	0.0% / 0.8%	0.0% / 0.2%	1.3% / 1.7%
Unknown grade	0.0%	0.0%	0.0%	0.0%
Average age	25 years	16 years	20 years	21 years
Over generic age	38km (1.9%)	14km (1.9%)	1km (0.1%)	1,306 (4.6%)
Unknown age	2.4%	0.0%	0.3%	0.0%
5yr replacement req (est)	3.2%	0.4%	0.1%	2.1%
5yr planned replacement	4.8%	0.8%	0.0%	2.9%
Forecast repex (ave)	\$1.7m -23%	\$2.0m -39%	\$0.3m -56%	*
Repex series				

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

3 year ratios

Total capex / asset base	Total capex / connections	Total capex / depreciation
7.0% Rank: 20	\$1,117 Rank: 3	2.12 Rank: 12

3 year ratios

Network opex / metre of line	Non-network opex / connections	Total opex / kW
\$1.34 Rank: 23	\$478 Rank: 1	\$79 Rank: 26

Capex by expenditure category

Category	Average (2020-2022)	5 year trend	% of capex
Asset replacement & renewal	\$7.6m		34.2%
Non-network assets	\$5.1m		22.8%
System growth	\$4.0m		18.1%
Consumer connection	\$3.2m		14.3%
Reliability, safety & environment	\$2.2m		9.9%
Asset relocations	\$0.2m		0.7%
Total capital expenditure	\$22.3m		100.0%
Related party transactions	\$9.7m		43.3%

Opex by expenditure category

Category	Average (2020-2022)	5 year trend	% of opex
Business support	\$5.6m		40.8%
System operations & network support	\$4.0m		28.8%
Asset replacement & renewal	\$1.5m		10.9%
Service interruptions & emergencies	\$1.1m		7.8%
Routine & corrective maintenance	\$1.0m		7.0%
Vegetation management	\$0.6m		4.6%
Total operating expenditure	\$13.7m		100.0%
Related party transactions	\$3.2m		23.7%

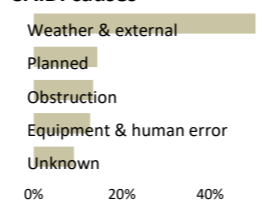
Switchgear and transformers

Estimated state of the assets	Distribution transformers	Distribution switchgear	Zone-substation transformers	Zone-substation switchgear
Quantity	10,708	8,328	35	491
RAB Value	\$70.9m	\$37.8m	<----- \$29.5m ----->	
Average grade	4.20	4.50	4.20	3.82
Grade 1 / 2	0.3% / 5.8%	0.3% / 1.1%	0.0% / 8.6%	0.0% / 0.7%
Unknown grade	0.0%	0.0%	0.0%	0.0%
Average age	17 years	14 years	17 years	20 years
Over generic age	813 (7.6%)	705 (8.5%)	1 (4.0%)	78 (15.8%)
Unknown age	0.0%	10.8%	0.0%	0.0%
5yr replacement req (est)	3.2%	0.8%	4.3%	0.3%
5yr planned replacement	1.4%	0.7%	8.6%	0.7%
Forecast repex (ave)	\$0.7m -19%	\$0.3m -23%	\$0.1m +2%	
Repex series				

Reliability

	Unplanned	Planned	Trend
Interruptions	304	251	↑
SAIDI	129.1	106.6	↓
SAIFI	1.65	0.36	↑
CAIDI	78.2	293.4	↓

SAIDI causes



SAIFI causes

