

Marlborough Lines

drop-down to change

Explanatory documentation: [Link](#)

Summary database: [Link](#)

Performance Accessibility Tool: [Link](#)

drop-down to change

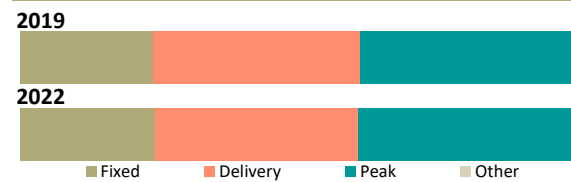
2022

Summary statistics

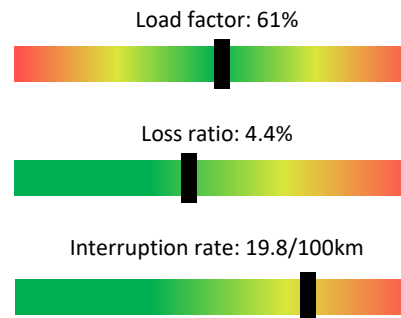
	2022 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$249m		+0.6%	15
Regulatory profit	\$19.1m		+39.4%	16
Return on investment	8.26%		+40.9%	27
Line charge revenue	\$40.2m		-0.3%	16
Other income	\$0.8m		+0.4%	7
Customer connections	26,630		+1.3%	17
Energy delivered	387 GWh		-0.4%	19
Peak demand	75 MW		-1.6%	20
Network capacity	369 MVA		+1.3%	15
Capital expenditure	\$10.4m		-13.5%	21
Operating expenditure	\$17.9m		+3.0%	13
Capital contributions	\$0.2m		+25.6%	22
Related party transactions	\$0.0m		-43.6%	27
Line length	3,424km		+0.6%	18
Outages - SAIDI	243 minutes		+23.5%	16
Outages - SAIFI	1.93 faults		+23.8%	20

Line charge revenues

	Proportion of revenue	Charges per unit	Rank
Average daily charge	24.3%	132.7¢/ICP	7
Delivery (kWh)	36.3%	5.0¢/kWh	11
Peak based	39.3%	\$278/kW	1



Network ratios



Company details

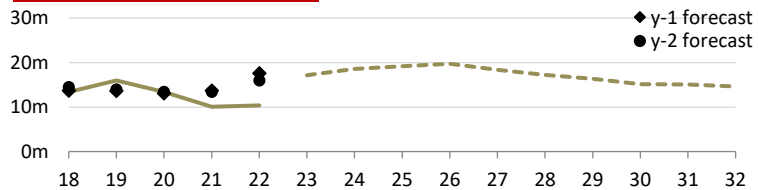
PQ Regulated?	No
CEO:	Tim Cosgrove
Ownership:	Marlborough Electric Power Trust
Head Office:	1 Alfred Street; Blenheim
Phone number:	03 577 7007
Website:	www.marlboroughlines.co.nz

Lines and cables

Estimated state of the assets	Distribution & LV O/H lines	Distribution & LV U/G cables	Subtransmission lines and cables	Poles
Quantity	2,545km	556km	303km	30,711
RAB Value	\$53.7m	\$46.5m	\$37.4m	*
Average grade	3.36	4.52	3.72	3.66
Grade 1 / 2	3.2% / 16.4%	2.8% / 2.1%	5.6% / 7.2%	0.2% / 4.2%
Unknown grade	5.0%	1.9%	0.1%	0.2%
Average age	41 years	19 years	35 years	42 years
Over generic age	320km (12.6%)	13km (2.4%)	15km (4.9%)	8,573 (27.9%)
Unknown age	4.7%	1.8%	0.1%	1.4%
5yr replacement req (est)	11.4%	3.9%	9.2%	2.3%
5yr planned replacement	4.4%	1.0%	3.7%	3.7%
Forecast repex (ave)	\$4.8m +106%	\$0.2m -39%	\$0.4m -56%	*
Repex series				*

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

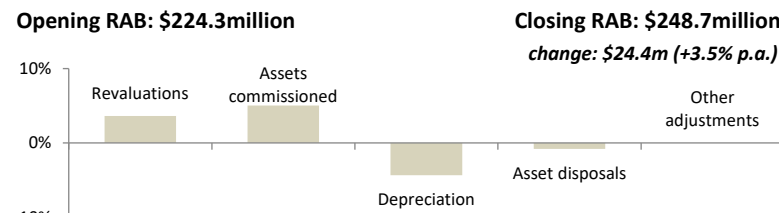
Capital expenditure



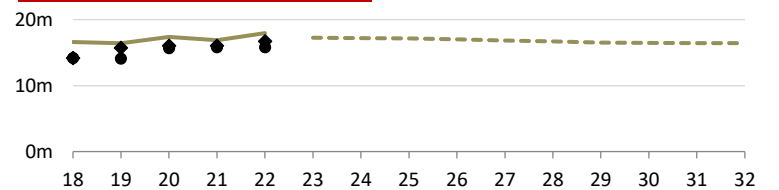
3 year ratios		
Total capex / asset base	Total capex / connections	Total capex / depreciation
4.5% Rank: 27	\$429 Rank: 20	1.12 Rank: 27

Capex by expenditure category	Average (2020–2022)	5 year trend	% of capex
Asset replacement & renewal	\$5.0m		44.3%
Non-network assets	\$2.4m		21.7%
Reliability, safety & environment	\$2.2m		19.9%
System growth	\$0.8m		6.9%
Asset relocations	\$0.7m		6.3%
Consumer connection	\$0.1m		0.9%
Total capital expenditure	\$11.3m		100.0%
Related party transactions	\$0.0m		0.0%

Annualised RAB changes (2020–2022)



Operating expenditure



3 year ratios		
Network opex / metre of line	Non-network opex / connections	Total opex / kW
\$2.48 Rank: 7	\$340 Rank: 8	\$233 Rank: 4

Opex by expenditure category	Average (2020–2022)	5 year trend	% of opex
Business support	\$4.8m		27.3%
System operations & network support	\$4.2m		24.1%
Routine & corrective maintenance	\$4.2m		23.9%
Vegetation management	\$2.4m		13.7%
Service interruptions & emergencies	\$1.4m		8.2%
Asset replacement & renewal	\$0.5m		2.9%
Total operating expenditure	\$17.4m		100.0%
Related party transactions	\$0.1m		0.5%

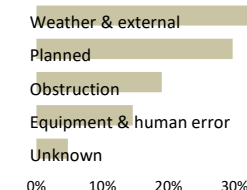
Switchgear and transformers

Estimated state of the assets	Distribution transformers	Distribution switchgear	Zone-substation transformers	Zone-substation switchgear
Quantity	4,085	2,829	31	290
RAB Value	\$20.8m	\$16.9m	<----- \$47.8m ----->	
Average grade	3.55	3.92	4.39	4.80
Grade 1 / 2	0.0% / 10.8%	1.8% / 5.9%	0.0% / 6.4%	0.0% / 0.0%
Unknown grade	0.5%	1.7%	0.0%	0.0%
Average age	23 years	15 years	16 years	11 years
Over generic age	407 (10.0%)	192 (6.8%)	2 (5.2%)	3 (1.1%)
Unknown age	0.5%	1.4%	0.0%	0.0%
5yr replacement req (est)	5.4%	4.7%	3.2%	0.0%
5yr planned replacement	2.0%	2.4%	6.5%	2.0%
Forecast repex (ave)	\$0.4m +10%	\$1.3m +198%	\$1.2m +73%	
Repex series				

Reliability

	Unplanned	Planned	Trend
Interruptions	343	334	↑
SAIDI	178.1	64.6	↑
SAIFI	1.52	0.41	↑
CAIDI	117.5	156.0	↓

SAIDI causes



SAIFI causes

