

Network Waitaki

drop-down to change

Explanatory documentation: [Link](#)

Summary database: [Link](#)

Performance Accessibility Tool: [Link](#)

drop-down to change

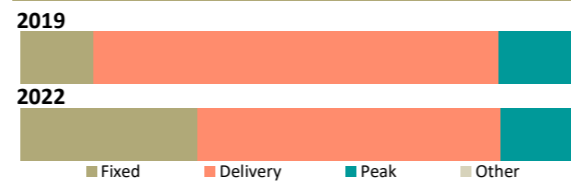
2022

Summary statistics

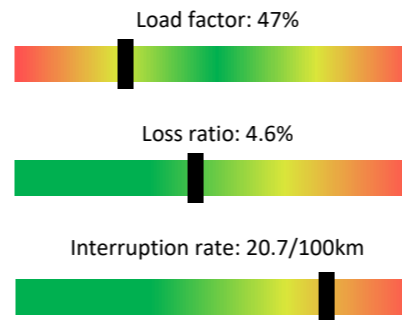
	2022 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$111m		+2.3%	23
Regulatory profit	\$8.2m		+42.3%	25
Return on investment	8.38%		+42.2%	24
Line charge revenue	\$19.7m		+2.0%	24
Other income	\$0.0m			25
Customer connections	13,201		+0.7%	25
Energy delivered	238 GWh		-0.9%	24
Peak demand	61 MW		-0.7%	24
Network capacity	236 MVA		+1.0%	23
Capital expenditure	\$9.0m		-3.1%	23
Operating expenditure	\$8.7m		+8.4%	24
Capital contributions	\$2.4m		+5.6%	15
Related party transactions	\$0.6m			24
Line length	1,903km		+0.2%	24
Outages - SAIDI	167 minutes		+4.0%	24
Outages - SAIFI	1.96 faults		+5.4%	19

Line charge revenues

	Proportion of revenue	Charges per unit	Rank
Average daily charge	31.7%	129.5¢/ICP	8
Delivery (kWh)	54.5%	4.5¢/kWh	14
Peak based	13.8%	\$45/kW	15



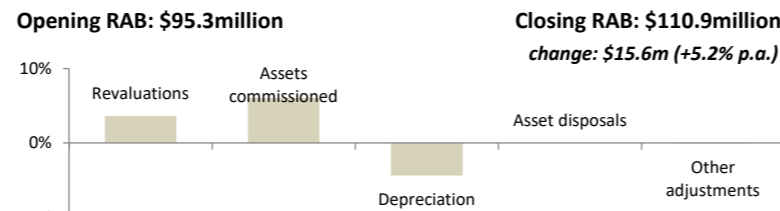
Network ratios



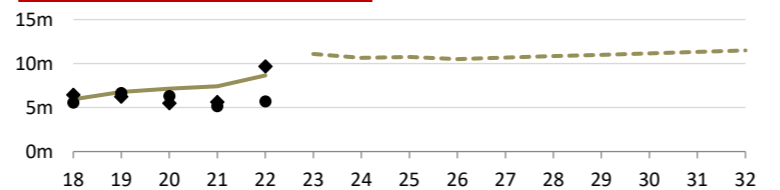
Company details

PQ Regulated?	No
CEO:	Geoff Douch
Ownership:	Waitaki Power Trust
Head Office:	10 Chelmer Street; Oamaru
Phone number:	03 433 0065
Website:	www.networkwaitaki.co.nz

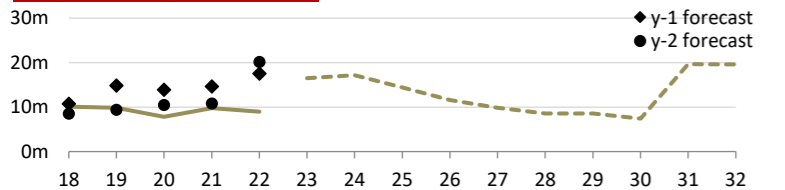
Annualised RAB changes (2020–2022)



Operating expenditure



Capital expenditure



3 year ratios		
Total capex / asset base	Total capex / connections	Total capex / depreciation
8.2% Rank: 14	\$675 Rank: 12	2.06 Rank: 15

3 year ratios		
Network opex / metre of line	Non-network opex / connections	Total opex / kW
\$1.44 Rank: 21	\$383 Rank: 6	\$122 Rank: 18

Capex by expenditure category	Average (2020–2022)	5 year trend	% of capex
Asset replacement & renewal	\$3.3m		36.9%
System growth	\$1.9m		21.2%
Consumer connection	\$1.6m		17.9%
Reliability, safety & environment	\$1.0m		11.6%
Non-network assets	\$0.8m		9.1%
Asset relocations	\$0.3m		3.4%
Total capital expenditure	\$8.9m		100.0%
Related party transactions	\$0.5m		5.9%

Opex by expenditure category	Average (2020–2022)	5 year trend	% of opex
Business support	\$3.0m		38.3%
System operations & network support	\$2.1m		26.5%
Routine & corrective maintenance	\$0.9m		12.0%
Service interruptions & emergencies	\$0.7m		8.6%
Vegetation management	\$0.6m		8.3%
Asset replacement & renewal	\$0.5m		6.4%
Total operating expenditure	\$7.7m		100.0%
Related party transactions	\$0.0m		0.3%

Lines and cables

Estimated state of the assets	Distribution & LV O/H lines	Distribution & LV U/G cables	Subtransmission lines and cables	Poles
Quantity	1,477km	189km	238km	21,716
RAB Value	\$32.7m	\$9.4m	\$14.7m	*
Average grade	2.88	2.96	3.05	2.92
Grade 1 / 2	4.2% / 9.1%	0.2% / 5.1%	0.0% / 19.8%	0.8% / 6.7%
Unknown grade	0.0%	0.0%	0.0%	0.0%
Average age	39 years	20 years	27 years	33 years
Over generic age	165km (11.1%)	6km (2.9%)	28km (11.7%)	4,632 (21.3%)
Unknown age	2.3%	10.3%	0.1%	24.8%
5yr replacement req (est)	8.8%	2.8%	9.9%	4.2%
5yr planned replacement	4.8%	0.2%	5.9%	7.9%
Forecast repex (ave)	\$2.7m +42%	\$0.1m -82%	\$0.7m +189%	*
Repex series				

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

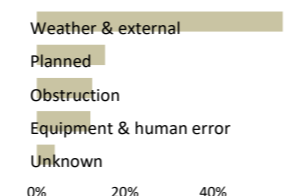
Switchgear and transformers

Estimated state of the assets	Distribution transformers	Distribution switchgear	Zone-substation transformers	Zone-substation switchgear
Quantity	2,987	4,289	23	245
RAB Value	\$18.1m	\$11.8m	<----- \$18.1m ----->	
Average grade	3.02	2.91	3.58	3.08
Grade 1 / 2	1.8% / 2.6%	9.4% / 9.7%	5.0% / 5.0%	0.0% / 8.5%
Unknown grade	0.0%	0.0%	0.0%	0.0%
Average age	21 years	1 years	33 years	14 years
Over generic age	396 (13.2%)	15 (0.4%)	11 (47.8%)	34 (14.0%)
Unknown age	0.8%	0.9%	0.0%	1.6%
5yr replacement req (est)	3.1%	14.3%	7.5%	4.2%
5yr planned replacement	4.4%	14.4%	10.0%	11.1%
Forecast repex (ave)	\$0.2m -1%	\$0.4m +50%		\$1.1m +345%
Repex series				

Reliability

	Unplanned	Planned	Trend
Interruptions	152	242	↓
SAIDI	75.3	91.7	↑
SAIFI	1.65	0.31	↑
CAIDI	45.6	295.7	↑

SAIDI causes



SAIFI causes

