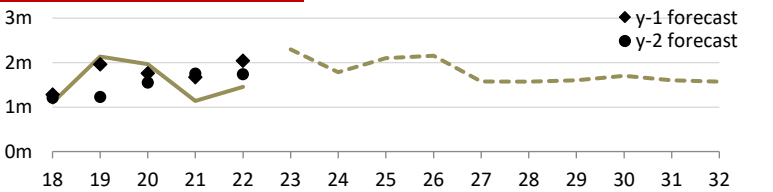


Nelson Electricity

Summary statistics

	2022 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$46m		+0.4%	28
Regulatory profit	\$4.1m		+11.2%	27
Return on investment	9.96%		+12.8%	7
Line charge revenue	\$8.7m		-7.2%	27
Other income	\$0.0m		+16.6%	23
Customer connections	9,285		+0.2%	26
Energy delivered	138 GWh		-1.2%	26
Peak demand	33 MW		-0.7%	26
Network capacity	100 MVA		-0.4%	27
Capital expenditure	\$1.5m		-12.1%	29
Operating expenditure	\$2.3m		-0.5%	29
Capital contributions	\$0.0m		-66.1%	25
Related party transactions	\$0.2m		-3.8%	25
Line length	296km		-0.2%	29
Outages - SAIDI	51 minutes		+28.0%	28
Outages - SAIFI	0.56 faults		+53.0%	28

Capital expenditure



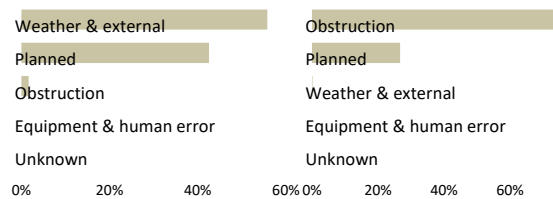
3 year ratios					
Total capex / asset base		Total capex / connections		Total capex / depreciation	
3.3%	Rank: 28	\$164	Rank: 29	0.97	Rank: 28

Capex by expenditure category	Average (2020–2022)	5 year trend	% of capex
Asset replacement & renewal	\$0.9m		59.2%
Reliability, safety & environment	\$0.3m		21.2%
Asset relocations	\$0.1m		8.2%
Consumer connection	\$0.1m		5.6%
System growth	\$0.1m		3.8%
Non-network assets	\$0.0m		1.9%
Total capital expenditure	\$1.5m		100.0%
Related party transactions	\$0.0m		0.0%

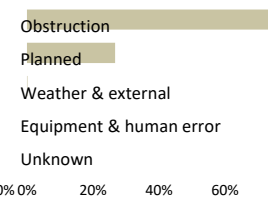
Reliability

	Unplanned	Planned	Trend
Interruptions	9	9	↑
SAIDI	32.2	18.8	↑
SAIFI	0.46	0.10	↑
CAIDI	69.4	187.3	↑

SAIDI causes

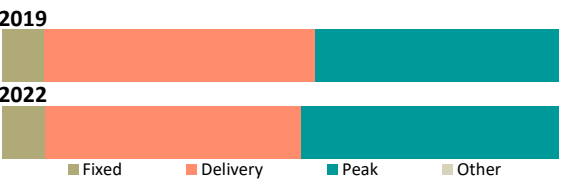


SAIFI causes

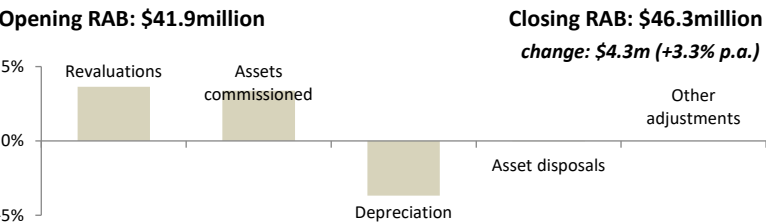


Line charge revenues

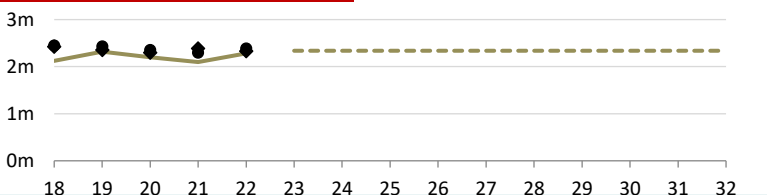
	Proportion of revenue	Charges per unit	Rank
Average daily charge	7.7%	19.7¢/ICP	28
Delivery (kWh)	46.0%	2.9¢/kWh	27
Peak based	46.3%	\$120/kW	7



Annualised RAB changes (2020–2022)



Operating expenditure

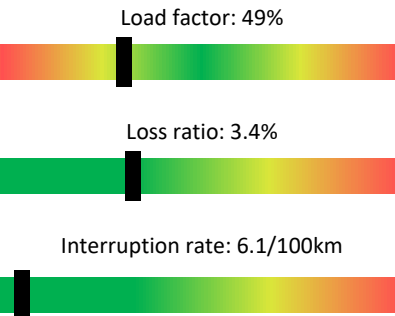


3 year ratios					
Network opex / metre of line		Non-network opex / connections		Total opex / kW	
\$2.60	Rank: 5	\$153	Rank: 25	\$66	Rank: 28

Opex by expenditure category	Average (2020–2022)	5 year trend	% of opex
Business support	\$1.0m		45.3%
Routine & corrective maintenance	\$0.5m		21.8%
System operations & network support	\$0.4m		19.4%
Service interruptions & emergencies	\$0.2m		7.9%
Asset replacement & renewal	\$0.1m		3.4%
Vegetation management	\$0.0m		2.2%
Total operating expenditure	\$2.2m		100.0%
Related party transactions	\$0.2m		9.2%

Summary database: [Link](#)

Network ratios



Company details

PQ Regulated?	Yes	Known Breaches
		Price: 2017
		Quality: No
General Manager:	Phil Goodall	
Ownership:	Network Tasman (50%) Marlborough Lines (50%)	
Head Office:	63 Haven Road; Nelson	
Phone number:	03 546 9256	
Website:	www.nel.co.nz	

Lines and cables

	Distribution & LV O/H lines	Distribution & LV U/G cables	Subtransmission lines and cables	Poles
Estimated state of the assets				
Quantity	28km	253km	18km	832
RAB Value	\$0.8m	\$16.4m	\$5.4m	*
Average grade	4.05	3.86	3.83	4.07
Grade 1 / 2	0.0% / 0.0%	0.0% / 1.4%	0.0% / 0.0%	0.0% / 0.0%
Unknown grade	0.0%	0.0%	0.0%	0.0%
Average age	48 years	34 years	26 years	39 years
Over generic age	4km (13.3%)	4km (1.6%)	0km (0.0%)	92 (11.1%)
Unknown age	1.4%	9.0%	0.0%	3.8%
5yr replacement req (est)	0.0%	0.7%	0.0%	0.0%
5yr planned replacement	0.0%	1.2%	0.0%	1.0%
Forecast repex (ave)	\$0.0m -58%	\$0.8m +109%	\$0.0m	*
Repex series				

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

Switchgear and transformers

	Distribution transformers	Distribution switchgear	Zone-substation transformers	Zone-substation switchgear
Estimated state of the assets				
Quantity	199	318	3	36
RAB Value	\$5.6m	\$3.6m	<---- \$10.1m ---->	
Average grade	4.07	4.37	5.00	5.00
Grade 1 / 2	0.0% / 0.0%	0.0% / 4.0%	0.0% / 0.0%	0.0% / 0.0%
Unknown grade	0.0%	0.0%	0.0%	0.0%
Average age	20 years	20 years	9 years	9 years
Over generic age	11 (5.5%)	51 (16.2%)	0 (0.0%)	0 (0.0%)
Unknown age	0.0%	0.0%	0.0%	0.0%
5yr replacement req (est)	0.0%	2.0%	0.0%	0.0%
5yr planned replacement	1.0%	8.0%	0.0%	0.0%
Forecast repex (ave)	\$0.0m -100%	\$0.1m -81%	\$0.0m -100%	
Repex series				