

The Power Company

drop-down to change

Explanatory documentation: [Link](#)

Summary database: [Link](#)

Performance Accessibility Tool: [Link](#)

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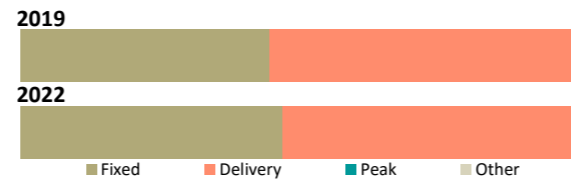
2022

Summary statistics

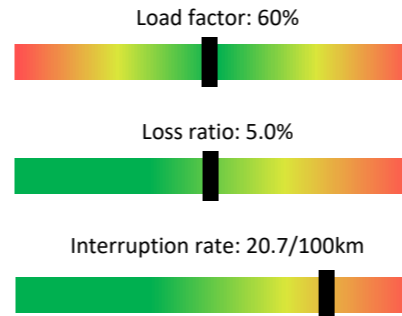
	2022 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$457m		+3.0%	8
Regulatory profit	\$36.0m		+19.0%	8
Return on investment	8.96%		+17.7%	19
Line charge revenue	\$57.8m		-5.2%	9
Other income	\$0.7m		-0.2%	11
Customer connections	36,897		+0.9%	13
Energy delivered	794 GWh		+2.3%	9
Peak demand	161 MW		+3.1%	9
Network capacity	517 MVA		+1.6%	13
Capital expenditure	\$24.8m		-2.2%	11
Operating expenditure	\$16.5m		-2.0%	14
Capital contributions	\$2.6m		+7.8%	14
Related party transactions	\$39.7m		-1.5%	4
Line length	8,862km		+0.0%	5
Outages - SAIDI	367 minutes		+9.8%	9
Outages - SAIFI	3.46 faults		+5.0%	5

Line charge revenues

	Proportion of revenue	Charges per unit	Rank
Average daily charge	47.0%	201.9¢/ICP	1
Delivery (kWh)	53.0%	3.9¢/kWh	23
Peak based	0.0%	N/A	24



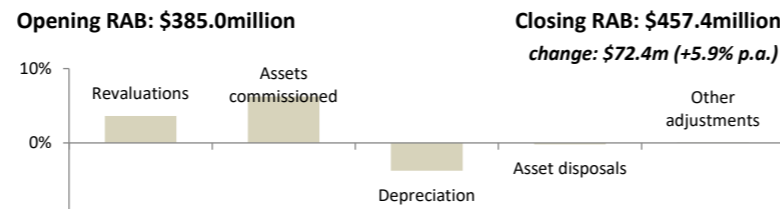
Network ratios



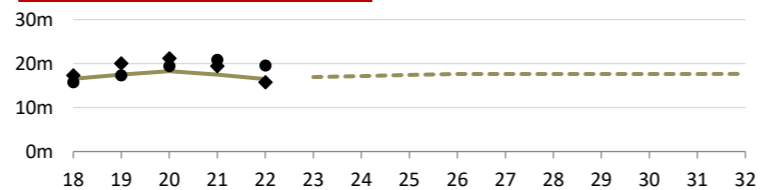
Company details

PQ Regulated?	No
CEO:	Jason Franklin (Powernet)
Ownership:	Southland Electric Power Supply Consumer Trust
Head Office:	251 Racecourse Road; Invercargill
Phone number:	03 211 1899
Website:	https://powernet.co.nz/about-us/networks-we-m

Annualised RAB changes (2020–2022)



Operating expenditure



3 year ratios		
Network opex / metre of line	Non-network opex / connections	Total opex / kW
\$1.23 Rank: 25	\$179 Rank: 22	\$111 Rank: 20

Opex by expenditure category	Average (2020–2022)	5 year trend	% of opex
Routine & corrective maintenance	\$4.6m		26.4%
Service interruptions & emergencies	\$4.0m		23.1%
Business support	\$3.9m		22.6%
System operations & network support	\$2.6m		14.9%
Vegetation management	\$1.6m		9.0%
Asset replacement & renewal	\$0.7m		4.1%
Total operating expenditure	\$17.4m		100.0%
<i>Related party transactions</i>	<i>\$15.9m</i>		<i>91.0%</i>

Lines and cables

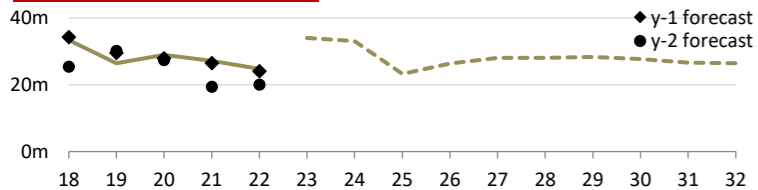
Estimated state of the assets	Distribution & LV O/H lines	Distribution & LV U/G cables	Subtransmission lines and cables	Poles
Quantity	7,577km	382km	905km	110,730
RAB Value	\$157.2m	\$21.0m	\$67.4m	*
Average grade	3.61	3.87	3.68	3.91
Grade 1 / 2	1.0% / 4.0%	0.6% / 2.5%	0.0% / 4.9%	2.0% / 2.3%
Unknown grade	20.0%	20.0%	18.7%	0.0%
Average age	40 years	26 years	38 years	40 years
Over generic age	380km (5.0%)	11km (2.9%)	154km (17.0%)	14,056 (12.7%)
Unknown age	0.5%	4.3%	0.4%	0.9%
5yr replacement req (est)	3.0%	1.9%	2.5%	3.1%
5yr planned replacement	3.4%	0.9%	0.0%	1.9%
Forecast repex (ave)	\$5.1m -23%	\$0.5m +7756%	\$0.4m +36%	*
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	11,412	14,030	61	644
RAB Value	\$59.4m	\$24.4m	<----- \$119.7m ----->	
Average grade	3.86	3.77	3.83	3.76
Grade 1 / 2	0.0% / 1.2%	0.5% / 5.5%	1.0% / 5.0%	0.0% / 3.2%
Unknown grade	18.6%	24.7%	0.0%	0.0%
Average age	23 years	23 years	24 years	20 years
Over generic age	1,182 (10.4%)	3,332 (23.7%)	16 (25.6%)	86 (13.4%)
Unknown age	0.1%	6.5%	0.0%	2.6%
5yr replacement req (est)	0.6%	3.2%	3.5%	1.6%
5yr planned replacement	2.9%	19.8%	0.0%	4.5%
Forecast repex (ave)	\$2.0m -43%	\$3.6m +84%		\$2.6m +104%
Repex series				

Capital expenditure



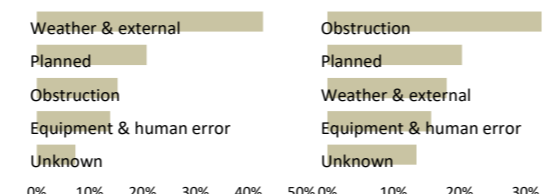
3 year ratios		
Total capex / asset base	Total capex / connections	Total capex / depreciation
6.1% Rank: 23	\$738 Rank: 8	1.78 Rank: 20

Capex by expenditure category	Average (2020–2022)	5 year trend	% of capex
Asset replacement & renewal	\$14.2m		52.8%
Reliability, safety & environment	\$5.2m		19.2%
Consumer connection	\$3.7m		13.7%
System growth	\$3.7m		13.6%
Asset relocations	\$0.2m		0.7%
Non-network assets	\$0.0m		0.0%
Total capital expenditure	\$27.0m		100.0%
<i>Related party transactions</i>	<i>\$26.5m</i>		<i>98.1%</i>

Reliability

	Unplanned	Planned	Trend
Interruptions	1,304	531	↑
SAIDI	174.8	192.1	↑
SAIFI	2.62	0.84	↑
CAIDI	66.8	228.1	↑

SAIDI causes



SAIFI causes

