

The Power Company

drop-down to change

Explanatory documentation: [Link](#)

Summary database: [Link](#)

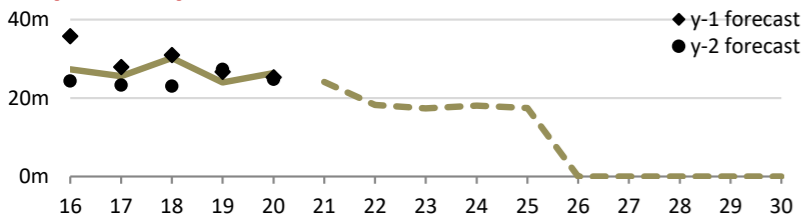
Performance Accessibility Tool: [Link](#)

2020

Summary statistics

	2020 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$408m		+3.0%	8
Regulatory profit	\$24.0m		+4.5%	7
Return on investment	6.47%		+2.1%	17
Line charge revenue	\$63.4m		+0.8%	9
Other income	\$0.7m		+10.6%	9
Customer connections	36,282		+0.7%	13
Energy delivered	742 GWh		+1.2%	10
Peak demand	148 MW		+2.7%	10
Network capacity	503 MVA		+2.1%	12
Capital expenditure	\$26.3m		+1.0%	11
Operating expenditure	\$17.3m		+3.2%	12
Capital contributions	\$3.2m		+2.8%	11
Related party transactions	\$42.3m		+2.0%	5
Line length	8,839km		-0.2%	5
Outages - SAIDI	396 minutes		+28.4%	2
Outages - SAIFI	4.08 faults		+20.2%	2

Capital expenditure

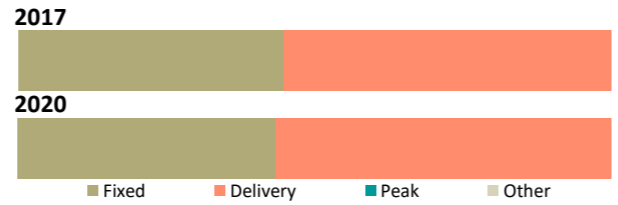


3 year ratios		
Total capex / asset base	Total capex / connections	Total capex / depreciation
6.8% Rank: 20	\$746 Rank: 7	1.98 Rank: 15

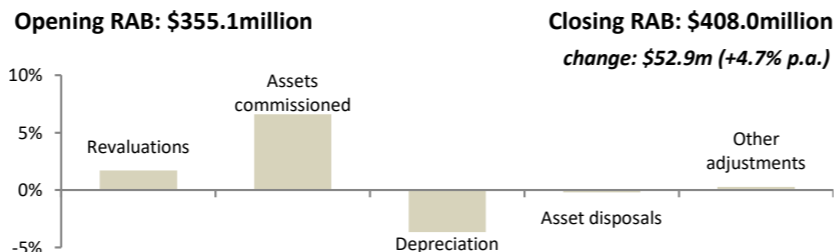
Capex by expenditure category	Average (2018–2020)	5 year trend	% of capex
Asset replacement & renewal	\$11.1m		41.4%
System growth	\$7.2m		26.7%
Consumer connection	\$5.3m		19.6%
Reliability, safety & environment	\$3.1m		11.7%
Asset relocations	\$0.2m		0.6%
Non-network assets	\$0.0m		0.0%
Total capital expenditure	\$26.8m		100.0%
Related party transactions	\$26.8m		99.8%

Line charge revenues

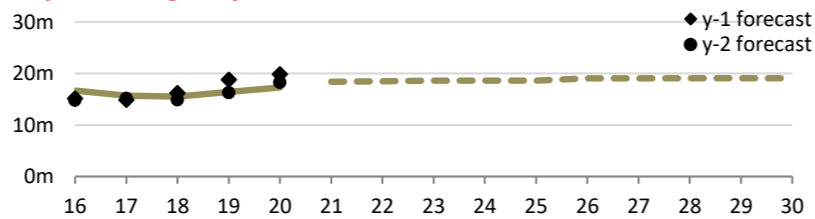
	Proportion of revenue	Charges per unit	Rank
Average daily charge	43.5%	208.2¢/ICP	1
Delivery (kWh)	56.5%	4.8¢/kWh	15
Peak based	0.0%	N/A	21



Annualised RAB changes (2018–2020)



Operating expenditure



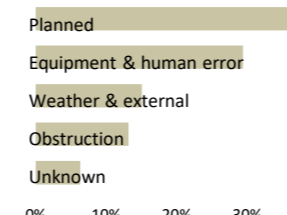
3 year ratios		
Network opex / metre of line	Non-network opex / connections	Total opex / kW
\$1.23 Rank: 24	\$153 Rank: 24	\$112 Rank: 17

Opex by expenditure category	Average (2018–2020)	5 year trend	% of opex
Routine & corrective maintenance	\$4.4m		27.0%
Service interruptions & emergencies	\$4.1m		25.3%
Business support	\$3.6m		21.9%
System operations & network support	\$1.9m		11.7%
Vegetation management	\$1.6m		9.7%
Asset replacement & renewal	\$0.7m		4.4%
Total operating expenditure	\$16.4m		100.0%
Related party transactions	\$15.1m		91.9%

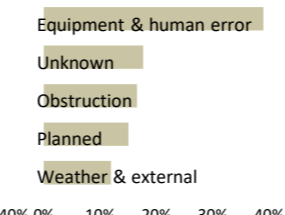
Reliability

	Unplanned	Planned	Trend
Interruptions	629	611	↓
SAIDI	270.9	125.0	↑
SAIFI	3.57	0.51	↑
CAIDI	75.9	245.0	↑

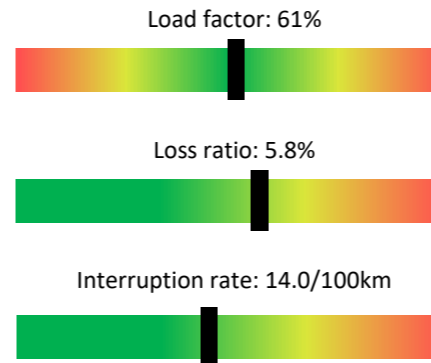
SAIDI causes



SAIFI causes



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:	www.tpcl.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	7,662km	367km	920km	109,347
RAB Value	\$139.4m	\$20.0m	\$65.1m	*
Average grade	3.61	3.87	3.65	3.90
Grade 1 / 2	1.0% / 4.0%	0.6% / 2.5%	0.0% / 4.9%	2.3% / 2.5%
Unknown grade	20.0%	20.0%	19.7%	0.0%
Average age	39 years	25 years	36 years	38 years
Over generic age	225km (2.9%)	8km (2.2%)	129km (14.0%)	6,470 (5.9%)
Unknown age	0.4%	3.7%	0.4%	0.5%
5yr replacement req (est)	3.0%	1.8%	2.5%	3.5%
5yr planned replacement	2.9%	1.6%	4.9%	2.5%
Forecast repex (ave)	\$4.7m -14%	\$0.0m -96%	\$0.7m +41%	*
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	11,289	13,947	62	607
RAB Value	\$55.8m	\$14.9m	<----- \$105.4m ----->	
Average grade	3.80	3.64	3.81	3.78
Grade 1 / 2	0.0% / 2.9%	1.0% / 6.0%	1.0% / 6.0%	0.0% / 3.3%
Unknown grade	18.7%	24.7%	0.0%	0.0%
Average age	22 years	22 years	23 years	20 years
Over generic age	932 (8.3%)	2,943 (21.1%)	14 (22.6%)	72 (11.8%)
Unknown age	0.4%	7.4%	0.0%	1.3%
5yr replacement req (est)	1.4%	4.0%	4.0%	1.6%
5yr planned replacement	3.2%	13.9%	2.0%	2.1%
Forecast repex (ave)	\$1.5m -35%	\$3.5m +126%	\$0.9m +23%	
Repex series				

