

Network Tasman

drop-down to change

Explanatory documentation: [Link](#)

Summary database: [Link](#)

Performance Accessibility Tool: [Link](#)

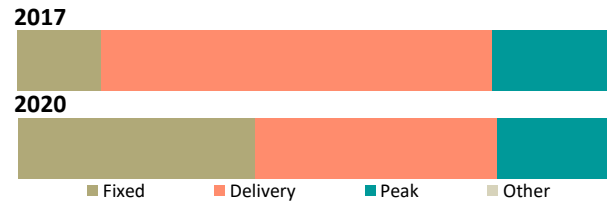
2020

Summary statistics

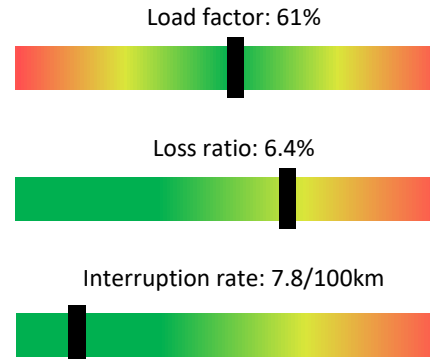
	2020 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$174m		+0.3%	19
Regulatory profit	\$7.2m		-24.7%	21
Return on investment	4.33%		-24.7%	25
Line charge revenue	\$34.0m		-9.9%	20
Other income	\$0.1m		+1.5%	20
Customer connections	40,282		+1.1%	12
Energy delivered	619 GWh		+0.2%	12
Peak demand	142 MW		+1.0%	11
Network capacity	477 MVA		+2.4%	14
Capital expenditure	\$12.1m		+24.1%	20
Operating expenditure	\$11.2m		+0.6%	19
Capital contributions	\$0.1m		-20.1%	22
Related party transactions	\$0.1m		+1.4%	27
Line length	3,641km		+0.6%	16
Outages - SAIDI	185 minutes		-0.2%	17
Outages - SAIFI	1.24 faults		-7.7%	23

Line charge revenues

	Proportion of revenue	Charges per unit	Rank
Average daily charge	40.1%	92.8¢/ICP	10
Delivery (kWh)	40.7%	2.2¢/kWh	28
Peak based	18.5%	\$44/kW	15



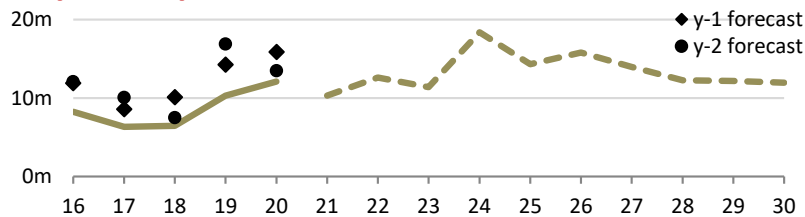
Network ratios



Company details

PQ Regulated?	Yes	Price breach:	No
		Quality breach:	No
CEO:	Oliver Kearney		
Ownership:	Network Tasman Trust		
Head Office:	52 Main Road, Hope; Nelson		
Phone number:	03 989 3600		
Website:	www.networktasman.co.nz		

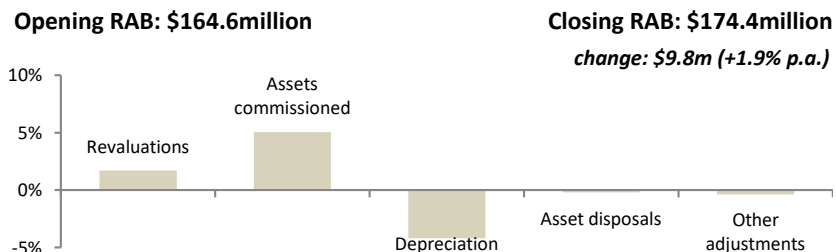
Capital expenditure



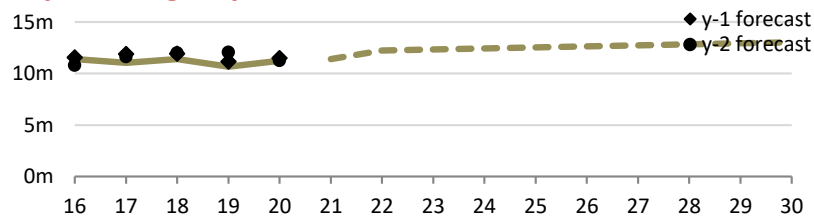
3 year ratios		
Total capex / asset base	Total capex / connections	Total capex / depreciation
5.6% Rank: 26	\$241 Rank: 27	1.39 Rank: 24

Capex by expenditure category	Average (2018–2020)	5 year trend	% of capex
System growth	\$3.0m		31.2%
Asset replacement & renewal	\$2.5m		26.2%
Reliability, safety & environment	\$1.8m		18.3%
Consumer connection	\$0.9m		9.3%
Asset relocations	\$0.8m		7.8%
Non-network assets	\$0.7m		7.3%
Total capital expenditure	\$9.6m		100.0%
Related party transactions	\$0.0m		0.0%

Annualised RAB changes (2018–2020)



Operating expenditure



3 year ratios		
Network opex / metre of line	Non-network opex / connections	Total opex / kW
\$1.72 Rank: 11	\$122 Rank: 28	\$81 Rank: 25

Opex by expenditure category	Average (2018–2020)	5 year trend	% of opex
Business support	\$2.5m		22.8%
System operations & network support	\$2.4m		21.2%
Routine & corrective maintenance	\$2.1m		19.2%
Asset replacement & renewal	\$1.9m		17.4%
Service interruptions & emergencies	\$1.1m		9.8%
Vegetation management	\$1.1m		9.7%
Total operating expenditure	\$11.1m		100.0%
Related party transactions	\$0.0m		0.0%

Lines and cables

Estimated state of the assets	Distribution & LV O/H lines				Distribution & LV U/G cables		Subtransmission lines and cables		Poles	
	Quantity	2,387km	935km	318km	28,404					
RAB Value	\$25.7m	\$55.0m	\$17.4m	*						
Average grade	3.75	3.90	3.93	3.84						
Grade 1 / 2	0.0% / 4.2%	0.0% / 0.4%	0.0% / 0.0%	0.0% / 2.0%						
Unknown grade	0.0%	0.0%	0.0%	0.0%						
Average age	50 years	23 years	53 years	51 years						
Over generic age	829km (34.7%)	0km (0.0%)	194km (61.0%)	11,029 (38.8%)						
Unknown age	0.1%	1.4%	0.0%	2.6%						
5yr replacement req (est)	2.1%	0.2%	0.0%	1.0%						
5yr planned replacement	4.2%	0.9%	0.0%	2.7%						
Forecast repex (ave)	\$1.9m +335%	\$0.7m +235%	\$0.1m -11%	*						
Repex series				*						

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

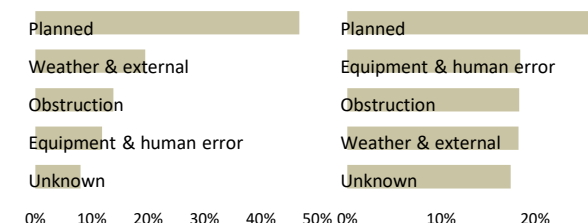
Switchgear and transformers

Estimated state of the assets	Distribution transformers		Distribution switchgear		Zone-substation transformers		Zone-substation switchgear	
	Quantity	4,577	1,685	25	243			
RAB Value	\$25.4m	\$9.5m	<----- \$25.8m ----->					
Average grade	3.67	3.69	4.16	4.39				
Grade 1 / 2	0.0% / 2.5%	0.0% / 7.9%	0.0% / 0.0%	0.0% / 0.0%				
Unknown grade	0.0%	0.0%	0.0%	0.0%				
Average age	31 years	12 years	33 years	26 years				
Over generic age	1,088 (23.8%)	30 (1.8%)	10 (40.0%)	41 (16.7%)				
Unknown age	1.3%	55.0%	0.0%	14.4%				
5yr replacement req (est)	1.2%	4.0%	0.0%	0.0%				
5yr planned replacement	2.5%	7.9%	4.0%	0.8%				
Forecast repex (ave)	\$0.3m +55%	\$0.0m -80%	\$1.0m -27%					
Repex series								

Reliability

	Unplanned	Planned	Trend
Interruptions	125	160	↓
SAIDI	82.7	102.2	↑
SAIFI	0.88	0.36	↓
CAIDI	94.0	283.7	↑

SAIDI causes



SAIFI causes

