

# Buller Electricity

drop-down to change

Explanatory documentation: [Link](#)

Summary database: [Link](#)

Performance Accessibility Tool: [Link](#)

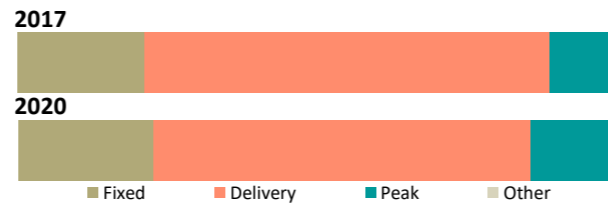
2020

## Summary statistics

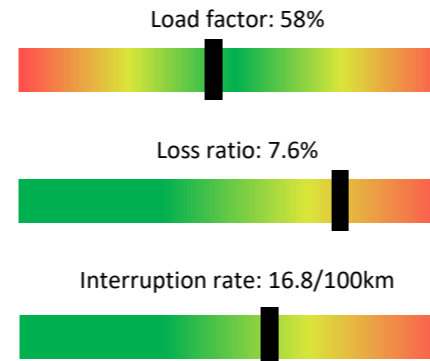
	2020 value	5 year trend	3 year CAGR	Rank
Regulatory asset base	\$30m		-0.4%	29
Regulatory profit	\$2.5m		+19.8%	28
Return on investment	8.85%		+21.3%	6
Line charge revenue	\$7.8m		+0.5%	29
Other income	\$0.1m		-3.5%	21
Customer connections	4,683		+0.8%	29
Energy delivered	51 GWh		+0.5%	29
Peak demand	11 MW		+1.6%	29
Network capacity	46 MVA		+0.1%	29
Capital expenditure	\$1.3m		-7.0%	29
Operating expenditure	\$2.3m		-11.5%	28
Capital contributions	\$0.1m		-36.7%	23
Related party transactions	\$2.0m		-23.3%	20
Line length	643km		+0.1%	28
Outages - SAIDI	250 minutes		-38.0%	13
Outages - SAIFI	2.89 faults		-17.3%	7

## Line charge revenues

	Proportion of revenue	Charges per unit	Rank
Average daily charge	22.9%	104.3¢/ICP	8
Delivery (kWh)	63.5%	9.8¢/kWh	3
Peak based	13.6%	\$97/kW	8



## Network ratios



## Company details

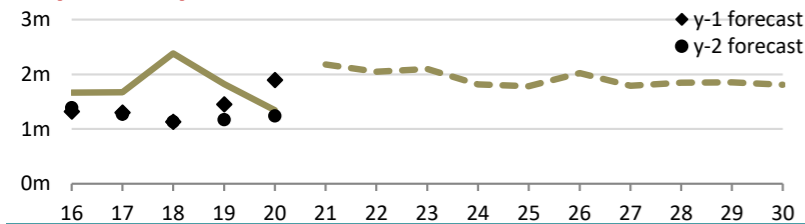
PQ Regulated?	No
CEO:	Eamon Ginley
Ownership:	Buller Electric Power Trust
Head Office:	24 Robertson Street; Westport 7825
Phone number:	03 788 8171
Website:	<a href="http://www.bullerelectricity.co.nz">www.bullerelectricity.co.nz</a>

## Lines and cables

Estimated state of the assets	Distribution & LV O/H lines	Distribution & LV U/G cables	Subtransmission lines and cables	Poles
Quantity	483km	54km	107km	6,937
RAB Value	\$7.5m	\$2.3m	\$2.6m	*
Average grade	3.80	2.38	3.73	3.81
Grade 1 / 2	0.0% / 1.4%	0.0% / 0.0%	0.0% / 0.7%	0.8% / 0.8%
Unknown grade	0.3%	0.6%	0.0%	1.6%
Average age	34 years	16 years	36 years	35 years
Over generic age	10km (2.1%)	1km (1.2%)	0km (0.4%)	413 (6.0%)
Unknown age	0.0%	0.0%	0.0%	0.0%
5yr replacement req (est)	0.8%	0.0%	0.4%	1.2%
5yr planned replacement	2.5%	0.0%	0.0%	2.6%
Forecast repex (ave)	\$0.7m +44%	\$0.0m -100%	\$0.2m +94%	*
Repex series				*

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

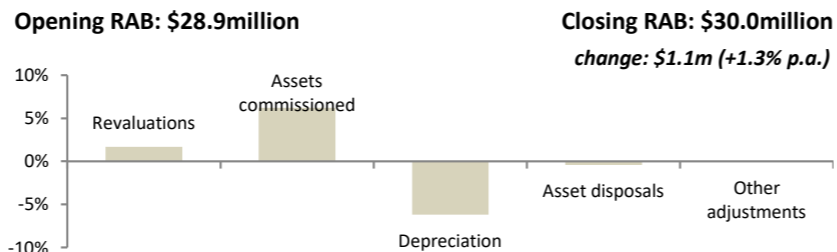
## Capital expenditure



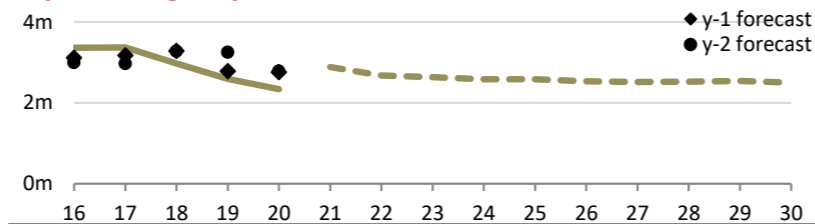
3 year ratios		
Total capex / asset base	Total capex / connections	Total capex / depreciation
6.1% Rank: 23	\$397 Rank: 19	1.02 Rank: 28

Capex by expenditure category	Average (2018–2020)	5 year trend	% of capex
Asset replacement & renewal	\$0.8m		45.7%
Non-network assets	\$0.8m		42.8%
Reliability, safety & environment	\$0.1m		7.6%
Consumer connection	\$0.1m		3.8%
Asset relocations	\$0.0m		0.2%
System growth	\$0.0m		0.0%
Total capital expenditure	\$1.9m		100.0%
Related party transactions	\$0.0m		0.3%

## Annualised RAB changes (2018–2020)



## Operating expenditure



3 year ratios		
Network opex / metre of line	Non-network opex / connections	Total opex / kW
\$1.31 Rank: 21	\$385 Rank: 4	\$247 Rank: 1

Opex by expenditure category	Average (2018–2020)	5 year trend	% of opex
Business support	\$1.6m		62.3%
Routine & corrective maintenance	\$0.3m		11.4%
Service interruptions & emergencies	\$0.3m		10.8%
Vegetation management	\$0.2m		8.3%
System operations & network support	\$0.2m		5.7%
Asset replacement & renewal	\$0.0m		1.4%
Total operating expenditure	\$2.6m		100.0%
Related party transactions	\$0.6m		21.8%

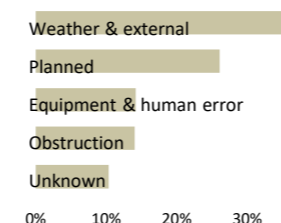
## Switchgear and transformers

Estimated state of the assets	Distribution transformers	Distribution switchgear	Zone-substation transformers	Zone-substation switchgear
Quantity	810	1,072	13	75
RAB Value	\$2.9m	\$2.4m	<----- \$6.7m ----->	
Average grade	3.89	3.97	3.13	3.09
Grade 1 / 2	0.8% / 3.6%	0.3% / 3.1%	12.5% / 12.5%	0.0% / 0.0%
Unknown grade	1.0%	1.6%	0.0%	0.0%
Average age	29 years	18 years	30 years	19 years
Over generic age	154 (19.0%)	128 (11.9%)	5 (38.5%)	1 (0.7%)
Unknown age	0.0%	0.0%	0.0%	1.3%
5yr replacement req (est)	2.6%	1.8%	18.8%	0.0%
5yr planned replacement	12.2%	8.2%	12.5%	0.0%
Forecast repex (ave)	\$0.1m +63%	\$0.0m +2%	\$0.0m +95%	
Repex series				

## Reliability

	Unplanned	Planned	Trend
Interruptions	80	28	↑
SAIDI	218.0	32.2	↓
SAIFI	2.78	0.11	↓
CAIDI	78.3	303.5	↓

### SAIDI causes



### SAIFI causes

