

Alpine Energy

drop-down to change

Explanatory documentation: [Link](#)

Summary database: [Link](#)

Performance Accessibility Tool: [Link](#)

drop-down to change

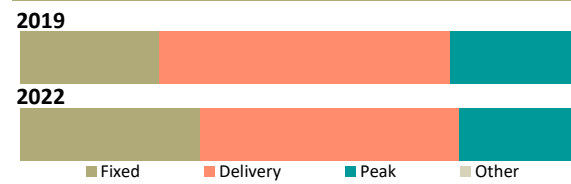
2022

Summary statistics

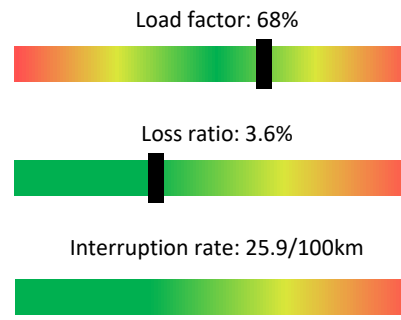
| | 2022 value | 5 year trend | 3 year CAGR | Rank |
|----------------------------|-------------|--------------|-------------|------|
| Regulatory asset base | \$238m | | +2.8% | 17 |
| Regulatory profit | \$17.8m | | +0.2% | 18 |
| Return on investment | 8.70% | | +1.3% | 21 |
| Line charge revenue | \$52.6m | | -9.9% | 11 |
| Other income | \$0.0m | | | 25 |
| Customer connections | 33,269 | | +0.1% | 14 |
| Energy delivered | 772 GWh | | -1.5% | 10 |
| Peak demand | 135 MW | | -1.3% | 12 |
| Network capacity | 620 MVA | | -0.3% | 9 |
| Capital expenditure | \$24.1m | | +4.8% | 12 |
| Operating expenditure | \$22.2m | | +4.0% | 9 |
| Capital contributions | \$3.5m | | -8.3% | 12 |
| Related party transactions | \$16.9m | | -1.1% | 7 |
| Line length | 4,326km | | +0.1% | 13 |
| Outages - SAIDI | 297 minutes | | +18.9% | 13 |
| Outages - SAIFI | 1.11 faults | | -0.3% | 25 |

Line charge revenues

| | Proportion of revenue | Charges per unit | Rank |
|----------------------|-----------------------|------------------|------|
| Average daily charge | 32.3% | 139.7¢/ICP | 6 |
| Delivery (kWh) | 46.6% | 3.2¢/kWh | 25 |
| Peak based | 21.1% | \$82/kW | 10 |



Network ratios



Company details

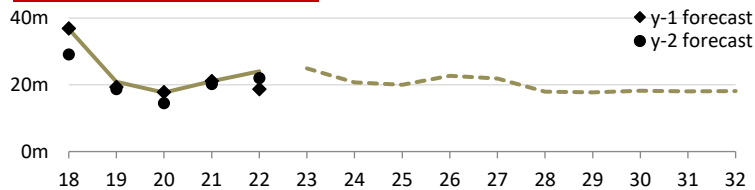
| | | | |
|---------------|--|----------------|---------------|
| PQ Regulated? | Yes | Known Breaches | Price: No |
| | | | Quality: 2016 |
| CEO: | Caroline Ovenstone | | |
| Ownership: | Timaru District Holdings 47.5% | | |
| | LineTrust South Canterbury 40% | | |
| Head Office: | 24 Elginshire Street; Washdyke; Timaru 7910 | | |
| Phone number: | 03 687 4300 | | |
| Website: | www.alpineenergy.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 | 3,264km | 808km | 284km | 45,249 |
| RAB Value | \$40.1m | \$58.2m | \$18.9m | * |
| Average grade | 3.25 | 4.40 | 4.14 | 3.81 |
| Grade 1 / 2 | 3.4% / 32.3% | 0.1% / 1.5% | 0.0% / 2.0% | 1.3% / 4.8% |
| Unknown grade | 0.0% | 0.0% | 0.0% | 0.0% |
| Average age | 44 years | 24 years | 27 years | 36 years |
| Over generic age | 1,023km (31.3%) | 14km (1.7%) | 14km (5.0%) | 11,623 (25.7%) |
| Unknown age | 0.0% | 0.0% | 0.0% | 1.7% |
| 5yr replacement req (est) | 19.5% | 0.9% | 1.0% | 3.7% |
| 5yr planned replacement | 2.0% | 0.6% | 0.0% | 1.6% |
| Forecast repex (ave) | \$6.8m +27% | \$0.1m -92% | \$0.0m -100% | * |
| Repex series | | | | |

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

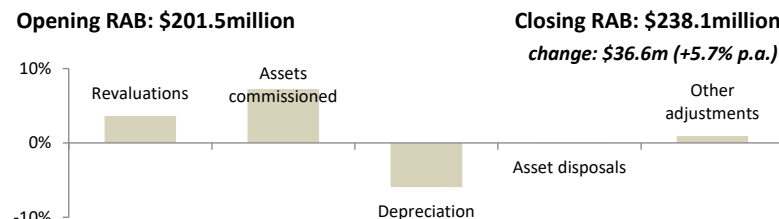
Capital expenditure



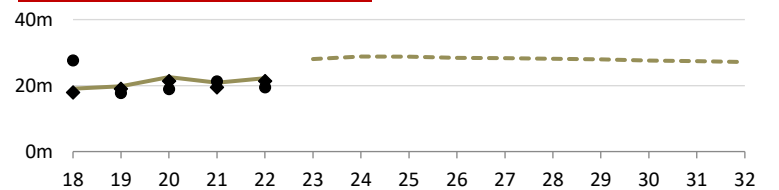
| 3 year ratios | | |
|--------------------------|---------------------------|----------------------------|
| Total capex / asset base | Total capex / connections | Total capex / depreciation |
| 9.3% Rank: 8 | \$626 Rank: 13 | 1.71 Rank: 21 |

| Capex by expenditure category | Average (2020–2022) | 5 year trend | % of capex |
|-----------------------------------|---------------------|--------------|------------|
| Asset replacement & renewal | \$11.6m | | 55.1% |
| Consumer connection | \$5.4m | | 25.5% |
| System growth | \$1.3m | | 6.3% |
| Non-network assets | \$1.1m | | 5.0% |
| Reliability, safety & environment | \$1.0m | | 4.6% |
| Asset relocations | \$0.7m | | 3.4% |
| Total capital expenditure | \$21.0m | | 100.0% |
| Related party transactions | \$11.4m | | 54.4% |

Annualised RAB changes (2020–2022)



Operating expenditure



| 3 year ratios | | |
|------------------------------|--------------------------------|-----------------|
| Network opex / metre of line | Non-network opex / connections | Total opex / kW |
| \$1.63 Rank: 15 | \$443 Rank: 4 | \$157 Rank: 12 |

| Opex by expenditure category | Average (2020–2022) | 5 year trend | % of opex |
|-------------------------------------|---------------------|--------------|-----------|
| Business support | \$7.6m | | 34.8% |
| System operations & network support | \$7.2m | | 32.9% |
| Routine & corrective maintenance | \$3.5m | | 15.8% |
| Service interruptions & emergencies | \$2.4m | | 11.0% |
| Vegetation management | \$0.9m | | 4.1% |
| Asset replacement & renewal | \$0.3m | | 1.4% |
| Total operating expenditure | \$21.9m | | 100.0% |
| Related party transactions | \$6.1m | | 27.9% |

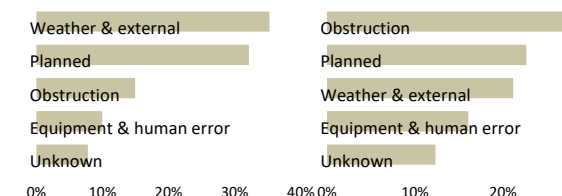
Switchgear and transformers

| Estimated state of the assets | Distribution transformers | Distribution switchgear | Zone-substation transformers | Zone-substation switchgear |
|-------------------------------|---------------------------|-------------------------|------------------------------|----------------------------|
| Quantity | 6,183 | 7,651 | 27 | 335 |
| RAB Value | \$17.0m | \$18.2m | <----- \$58.7m -----> | |
| Average grade | 3.42 | 4.02 | 4.38 | 4.20 |
| Grade 1 / 2 | 0.8% / 27.6% | 13.1% / 6.3% | 0.0% / 0.0% | 5.6% / 8.9% |
| Unknown grade | 0.0% | 0.0% | 0.0% | 0.0% |
| Average age | 28 years | 20 years | 16 years | 20 years |
| Over generic age | 1,701 (27.5%) | 1,824 (23.8%) | 6 (22.2%) | 63 (18.7%) |
| Unknown age | 0.0% | 0.0% | 0.0% | 0.0% |
| 5yr replacement req (est) | 14.6% | 16.2% | 0.0% | 10.1% |
| 5yr planned replacement | 1.0% | 4.7% | 4.0% | 4.7% |
| Forecast repex (ave) | \$1.9m +128% | \$1.1m -30% | \$0.9m -22% | |
| Repex series | | | | |

Reliability

| | Unplanned | Planned | Trend |
|---------------|-----------|---------|-------|
| Interruptions | 525 | 597 | ↑ |
| SAIDI | 211.7 | 85.4 | ↑ |
| SAIFI | 0.86 | 0.24 | ↑ |
| CAIDI | 245.5 | 350.3 | ↑ |

SAIDI causes



SAIFI causes

