



Cannington Power Station

EDL has successfully provided the Cannington Mine with power since 1997, with an outstanding track record of reliable power generation exceeding 99.7% availability.

About the Cannington Power Station

Initially commissioned as a diesel power station for the off-grid Cannington mine in 1997, EDL worked in partnership with South32 to upgrade the facility to a primarily gas-fired power station in 1999 following the completion of the Cannington Lateral gas pipeline.

As part of the upgrade, EDL successfully integrated the new gas-fired power station with the diesel-fired station, while at the same time decommissioning several diesel generators to optimise the installed capacity of the facility.

The expansion included a new high voltage switch room, and the integration was successfully completed during a planned shutdown and maintenance period.

EDL has recently commissioned a 3MW solar farm at the off-grid mine and is also assessing the technical and economic viability of the use of batteries as virtual spinning reserve to reduce fuel and fired hour costs.



Power generation modules

At a glance

Power station:
Cannington Power Station

Customer:
South32

Location:
200km south of Mt Isa, QLD,
Australia

Generating Capacity:
43MW

Primary fuel:
Hybrid

Fully operational:
1997

Diesel consumption avoided:
2.3 million litres

