



30MW POWER STATION AT 33KV

BHP Iron Ore Project Case Study 3

UON were tasked by BHP with delivering a 30MW Power Station and electrical distribution power at 33kV. The Power Station was required to sustain operations during the relocation of a 132kV transmission line. The whole shutdown and operation was dependent on the successful energization of the power station on-time which was achieved. The project was designed and installed within the 12-week timeline.



90,000

Hours worked LTI-free

45

Pieces of equipment

30MW

Scale of project

19

Team members

BHP

Client

PILBARA

Region

IRON ORE

Commodity

RENTAL

Contract

KEY SUCCESS

The key success of the Rapid-Deployment 30MW / 33kV Power Station was UON's time management and orchestrated scheduling of people and plant. This allowed UON to deliver on time and without incident. UON's close working relationship with the client on site allowed for a smooth deployment and synchronization of resources.



DELIVERABLES

- 20 Modular Diesel Generators
- 5 Modular 415V / 33kV Substations
- 33kV Switch Room
- 440kL Fuel Storage
- Unloading facility and Powerline Interconnection
- All design, construction, commissioning, operation and decommissioning
- Full design and construction delivered within the 12-week timeline

ENQUIRIES

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