



## **16MW POWER STATION AT 11KV**

### FMG Iron Ore Case Study 1

This iron ore mine was a new trial mine for FMG that required a cost-effective and versatile solution with minimal CAPEX. UON was awarded the following works:

- 16MW / 11kv D&C Power Station for the OHP
- 2MW D&C power supply for the CHF
- 1MW BOO village power station



**20**

Team members

**30**

Items of equipment

**4,400**

Hours worked LTI-free

**16MW**

Scale of project

**PILBARA**

Region

**FMG**

Client

**IRON ORE**

Commodity

**D+C / BOOM**

Contract

## KEY SUCCESS

To Design, Construct, Operate and Maintain a 16MW Diesel Power Station that minimised the capital expenditure before the test mine could be confirmed as being commercially viable.





## DELIVERABLES

- 5 x UON PP2000 1.6MW modular diesel generators
- 8 x UON PP1250 modular diesel generators
- 11 x 415V / 11kV containerised step-up transformers
- 600,000L fuel storage facility with unloading and transfer pumps
- Containerised 11kV switch room and separate control room

## ENQUIRIES

**Visit us** 407 Victoria Rd, Malaga, WA 6090

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