



ENERGY DEVELOPMENTS LIMITED - McArthur River Power Station

LOCATION	DURATION	VALUE	MAN HOURS
Borroloola, NT	Dec 2012 - Dec 2013	\$43.1 million	200,000

Project Overview

Xstrata PLC operates a zinc mine at the McArthur River Mine (MRM) in the Northern Territory. The mine is approximately 120km inland from the Gulf of Carpentaria and 60km from Borroloola. Station A and Station B are located at the mine site and are the sole providers of electrical power to the mine.

Energy Developments Limited (EDL) constructed a new gas inlet and distribution system and a new power station adjacent to the existing power station. The existing station, Station A, was combined with the new station, Station B which was refurbished as a part of the project, to provide a single power station.

EDL awarded the civil, structural, mechanical, piping, electrical and instrumentation (CSMPEI) construction works to ECM. The power station contract was an integral part of the MRM Phase 3 Expansion Project.

Scope of Work

- Concrete supply and installation.
- Structural steel fabrication and installation.
- Design, fabrication and installation of tanks, piping and balance of plant equipment.
- Design, supply and installation of HV switchgear, switchrooms, control rooms and transformers.
- Wartsila engine, generator installation and alignment.
- Cable ladders, conduit and cable support systems.
- HV, LV, control, instrumentation and communications cabling.
- Control and instrumentation equipment installation.