



CHPP1 Maintenance Shutdown

GOONYELLA RIVERSIDE MINE, QUEENSLAND

PROJECT OVERVIEW

CLIENT: BHP Mitsubishi Alliance (BMA)
DURATION: Nov 2012 - Dec 2012
WORKFORCE: 250 over 36 days
ENVIRONMENT: Brownfield

G&S Engineering undertook the major maintenance shutdown of the Coal Handling and Preparation Plant (CHPP) Shutdown at BMA Goonyella Riverside Mine in 2012, over a 36 day duration.

The scope of works included a broad range of mechanical, structural and electrical works in the Run of Mine (ROM), Train Load Out (TLO) and various electrical items.

In the ROM G&S completed the following:

- Wear plates replacement in the dump station hopper;
- Refurbishment of breaker barrels; and
- Repair of the discharge chute, apron feeder and grizzly bars.

The electrical works completed were:

- Rewiring of screen cables to the MCC, stacker and slinger encoders;
- Annual maintenance of the feeders;
- HV transformer repair at the freshwater dam;
- Replacement of circuit breakers;
- Rewiring of transformer control circuit;
- HV transformer replacement; and
- Completion of motor connections.



**SAFETY IS OUR FIRST
CONSIDERATION**