

QUARANTINE POWER STATION UPGRADE

Project Description

Quarantine Power Station is a peak load station designed to operate at times when the grid is operating at near capacity. Quarantine has 4 stand alone, single cycle turbines as part of the current installation and the latest upgrade project is to install a GE Frame 9E 120mW single cycle unit to complement the existing arrangement. The project is expected to be completed in early 2009.



Project Achievements

Leighton Contractors are highly satisfied with the level of service and technical knowledge being

provided by Eco Connection, and have indicated that we are to be involved in the next, similar project in Townsville in 2009.

Scope of Work

The hazardous area works associated with the project are to collate verify and produce a project EEHA dossier containing information relating to the vendor packages on site. We have completed an initial visual inspection of the vendor packages on site. Eco Connection are working with Leighton Contractors to ensure that the whole installation will be compliant prior to commissioning and handover in order to minimise any compliance exposure to them and also provide a safe package to the principal.

With respect to Instrumentation, Eco Connection currently services the existing 4 turbines on site. We are logging and registering all instrumentation on our Beamex database whilst at the same time verifying instrument configuration, and calibration. We will complete ITR's and FIC's on all field devices for project QA to be incorporated in handover documentation.

Commissioning will consist of providing Instrument and Electrical technical knowledge to assist both GE and Leighton Contractors in achieving safe start up. We will ensure all required QA and safety checks have been completed and documentation compiled and signed off prior to energising the process.

PROJECT SPECS

Status	Complete
Dates	Sept 08 - Mar 09
Location	Torrens Island SA
Contract Type	Cost Reimbursable
Discipline	Instr/EEHA/Commissioning
Budget	\$350k
Safety Incidents	0
Environmental Incidents	0