

OSBORNE CO-GEN 3 YEARLY SHUTDOWN

Project Description

As part of the ongoing maintenance for the GE turbines at Osborne, a 3 yearly 2 week outage and a 6 yearly month long outage are conducted to ensure maximum plant life is achieved.

works during the outage. The shutdown was delayed slightly due to some cracked fan blades in the turbine so we were able to replace three corroded junction boxes and associated wiring with SS enclosures.

Scope of Work

Eco Connection's scope was to complete the calibration and logging of downloaded information into Osborne's calibration database. We were also involved in setting up positioners, feedback transducers, I/P transducers and limit switches on numerous control valves that had been refurbished during the outage.

Level transmitters were checked and all wet legs blown down and re-filled to enable smooth start-up.

A significant number of inferior brand tube fittings had failed and were leaking since the plant began operating 10 years ago, so another task was to replace these fittings and associated tube installations with Swagelok fittings which are for more superior in quality and have the lowest failure rate recorded of all tube fitting brands.



Eco Connection was used to complete vital instrumentation calibrations and documentation using Beamex Calibration Software.

Project Achievements

The outage was a complete success for Eco Connection and all calibrations were completed on time enabling us to complete extra maintenance upgrade

PROJECT SPECS

Status	Complete
Dates	Sept 07
Location	Osborne, SA
Contract Type	Cost Reimbursable
Discipline	Electrical/Controls/Instrumentation
Budget	\$0-10k
Man Hours	150+
Safety Incidents	0
Environmental Incidents	0