

Plant Shutdown for Major Maintenance



Project Highlights

- + Full factory maintenance
- + Adhered to the customer's schedule
- + Approval of service by customer's own TFA

Project Overview

The customer shut down its power plant to have major maintenance services performed on all of its equipment including: both GHH Borsig and Nuovo Pignone steam turbines and compressors.

Key Challenges

- + In 40 days, EthosEnergy executed a major maintenance program for (4) steam turbines, (3) gear boxes & (8) centrifugal compressors
- + Auxiliary equipment: (11) pumps, (44) electrical motors, (4) trip valves
- + The main work performed on these units was disassembly, inspection & re-assembly
- + The scope also included repair of blade carriers from the steam turbine in EthosEnergy's facility

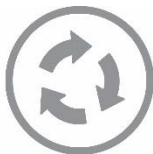
Key Results

- + All units started properly with excellent vibration values & optimal parameters

The EthosEnergy Solution

- + In order to complete the schedule EthosEnergy started the steam turbine's disassembly in parallel, working 24 hours a day
- + This action allowed the blade carriers to be quickly shipped out by plane to the repair facility
- + The field activities to re-assemble all equipment were executed in parallel while EthosEnergy performed the repair of other components



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EthosEnergy is a leading independent service provider of rotating equipment services and solutions to the power, oil & gas and industrial markets. Globally, these services include facility operations & maintenance; design, manufacture and application of engineered components, upgrades and re-rates; repair, overhaul and optimization of gas and steam turbines, generators, pumps, compressors and transformers; delivery of gas turbines and generators, and supply of overhauled and warranted equipment on a FAST TRACK basis.