

ES6001 Complete package refurbishment

Rejuvenate and modernise mature installations to appreciate multiple benefits



Engineered solution purpose

This engineered solution repairs, renews and updates existing installations. The extent of refurbishment can include:

- Performance enhancements
- Efficiency upgrades
- Mechanical/structural issue resolution
- Obsolete equipment replacement
- Package re-wiring
- Instrumentation and control upgrades

Applicability

All Rolls-Royce compression and power generation packages.

Technical description

The refurbishment could include any or all of the following:

- Gas generator
- Power Turbine
- Driven equipment
- Acoustic package
- Air, oil, and fuel systems
- Instrumentation and controls
- Protection systems
- Starting systems

Benefits

Increased reliability, availability, efficiency, capacity and the potential for lower emissions. Equipment is updated with the latest technology. Operating costs can be reduced and plant safety enhanced along with local environmental needs satisfied.



Experience

- Pemex Atasta - Units 4&5
- ONGC - Bombay High
- Alberta Energy - Ecuador (7 501KBs)
- Alberta Energy - Ecuador (1 Avon)

Scope of work

The gas turbine is refurbished and or upgraded with the latest modifications. Driven equipment components are matched to the new operating conditions. All auxiliary support systems are upgraded to the latest build standards or replaced.

Bill of materials

Project specific

Undertaken

At site and/or overhaul

Bundling opportunities

- Long Term Service Agreement
- Health Evaluation Legacy Programme [ES6002]