

Solutions for Auxiliaries & Balance of Plant

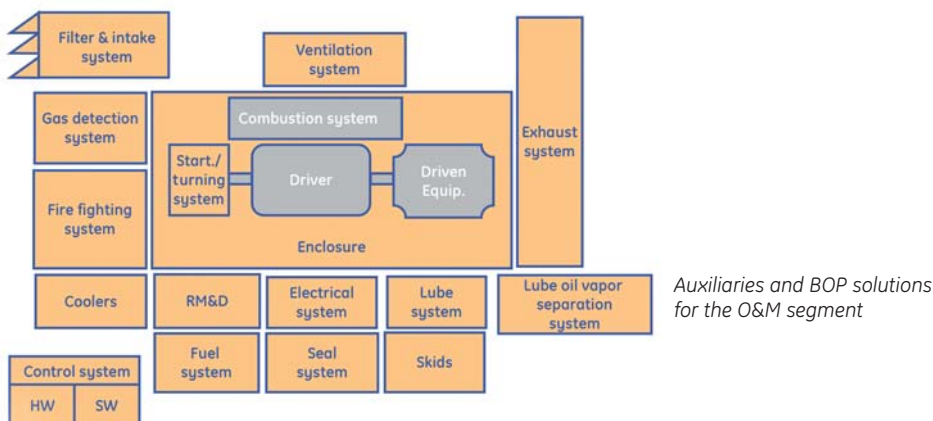
Benefits

- □ □ Increased production
- ■ ■ Easier operation and maintenance
- ■ □ Compliance with environmental, Health and Safety (EHS) regulations
- ■ ■ Availability and Reliability
- ■ □ Life extension

Customer benefits include:

- Solving operation problems
- Easier maintenance
- Improving Reliability and / or Availability
- Compliance with regulations
- Replacing of obsolete components and / or systems
- Solving EHS problems
- Units trips reduction
- Troubleshooting of machines and plants
- Remote diagnostics

Auxiliaries and BOP



In orange, the possible areas of applications of auxiliaries conversion, modification and upgrade



What it is

In addition to Conversions, Modifications and Uprates (CM&Us) for machines such as gas turbines, centrifugal and axial compressors, steam turbines, etc., GE Oil & Gas offers a complete portfolio of CM&Us for Auxiliaries and Balance of Plant (BOP).

These auxiliary and BOP CM&Us are typically required by the Operation & Maintenance (O&M) plant staff and involve the following elements:

- Lube oil skids
- Seal oil systems
- Gas and / or liquid fuel skids and systems
- Fire & gas detection and extinguishing systems
- Ventilation systems
- Inlet and / or exhaust ducts for gas turbines

- Combustion air filter houses for gas turbines
- Acoustic enclosures
- Silencers
- Lube and seal oil systems
- Control and electrical (Motor Control Center, Power Control, etc.) panels
- Instrumentation and valves
- Fuel treatment
- Water wash systems
- Lube oil vapor separators
- Starting systems

We provide also Remote Monitoring and Diagnostics (RM&D). GE Oil & Gas expertise in the supply of CM&Us for all of the equipment related to major machinery represents an additional and unique customer support service.

How it works

After the receipt of a request for quotation from a customer, or following the root cause analysis for a case opened to the GE Oil & Gas technical assistance group or directly by a client, the auxiliary & machine BOP CM&U team conducts a feasibility study including, if required, a site survey and prepares a budgetary analysis and/or a proposal.

Once the scope of work is accepted and the order is finalized, a project team begins the requisition engineering and the procurement of materials, and plans the work to meet the delivery schedule, generally targeting the customer's planned plant outage scheduled. On site field engineers supervision and/or turnkey installation is also offered where applicable.



GE imagination at work