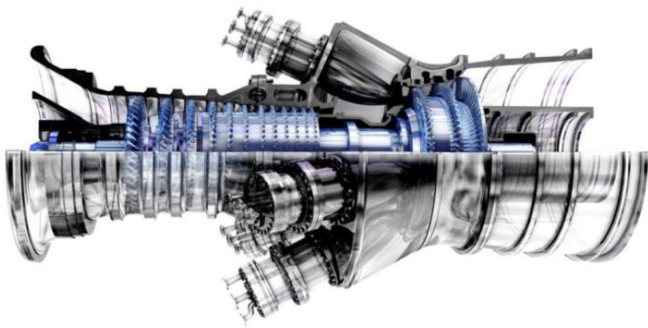




6F.01 Flange-to-Flange Solution

REPOWERing the 6B fleet

GE has developed a drop in replacement for REPOWERing the 6B fleet, the 6F.01 Flange-to-Flange (F2F). This will provide 6B reliability and flexibility in a similar footprint with F-class technology, efficiencies and extended maintenance intervals for power generation and industrial applications.



Features

A Flange-to-Flange solution encompasses full replacement of an existing gas turbine core engine with a new production engine. This scope includes:

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Compressor

- 3D Aero with 3 variable stages
- Field replaceable blades

DLN 2.5 Combustor

- 32k inspection
- Wide fuel capability

Hot Gas Path

- 3 stages with proven alloys
- 32k hour/900 starts inspection

Hot-End Drive (HED)

- New coupling for 6B interface

Benefits

Implementing a Flange-to-Flange solutions brings all of the technical advancements and reliability of a new unit within the timeframe of an outage.

Gas Turbine Performance

- 52 MW net output
- 38.4% net efficiency (LHV)

Performance

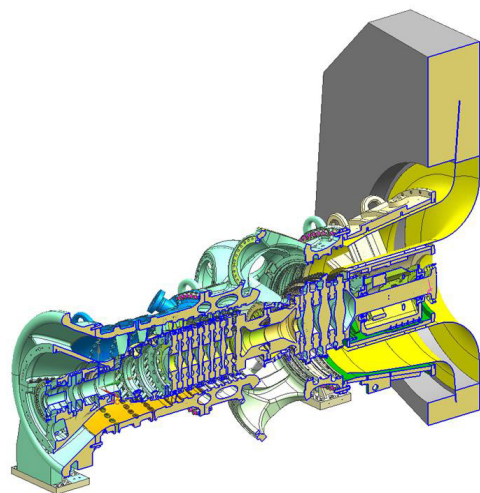
- -17% SC Heat Rate
- +18% SC MW
- +5pts CC efficiency
- +5% steam

The GE advantage - most available fleet in the industry.*

*Per recent ORAP data, GE's F technology continues to lead F-class turbines in overall availability.

Application

This offering is available as a new unit installation or an upgrade to existing GE 6B turbines.



To learn more about this offering, contact your GE sales representative or visit powergen.gepower.com.