6F.01 Flange-to-Flange Solution

The 6F.01 Flange-to-Flange (F2F) is a drop-in replacement for REPOWERing the 6B fleet. It provides 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:

**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 solution 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.