

INTRODUCING

FX-45

THE COMBINED CYCLE
GAS TURBINE PACKAGE

**Skip the queue and
power your project
ahead of schedule.**



2 x 1

CONFIGURATION



90 MW

GAS TURBINE OUTPUT



~ 135 MW

BLOCK OUTPUT INDICATIVE



167 KG/S

EXHAUST PER TURBINE



550°C

EXHAUST TEMPERATURE

SCOPE OF SUPPLY

- Two FX-45 gas turbine packages, to the standard simple-cycle scope.
- Exhaust gas duct and expansion joint from each turbine to its boiler.
- Two heat recovery steam generators (HRSG).
- Steam turbine, generator, gland and lube oil systems in an acoustic hall.
- Air-cooled condenser, or wet cooling where water permits.
- Integrated plant control across the gas and steam islands.
- Optional – SCR · steam host or cogeneration take-off · LTSA and O&M.

ADVANTAGES OF THIS PACKAGE

- 2028 Production Slots available - First come, first serve.
- A proven platform. Over 300 machines in operation.
- Phased. Energise in simple cycle first and add the bottoming cycle in a planned outage.
- Roughly 50% more output from the same fuel - approximately 135 MW from a 2 x 1 block.
- Same standard gas turbine package as simple cycle: one spares catalogue, one O&M standard.
- Diverter damper keeps both turbines generating while the steam plant is down.
- Scales as a standard 2 x 1 on the same steam block, or scalable across a campus.
- Engineered per application. Sized to the site, the fuel and the ambient conditions.