

350MW CCGT Power Plant Corby, United Kingdom



Client Corby Power Ltd

Dates 1992 – present

Project Type Owner and Developer (Power Plant); Consultancy (Techno-Economic); Engineering (Owner's Engineer); Operations (O&M); Owner.

Description

The 350MW Combined Cycle Gas Turbine (CCGT) power plant at Corby Power was one of the first independent power plant to be constructed in the UK. Developed by ESBI, East Midlands Electricity and Hawker Siddeley Power Engineering, the plant entered commercial operations in 1992.

In addition to its role in developing and financing the project, ESBI was also responsible for installing a computerised maintenance management system and for engineering design reviews.

ESBI owns, operates, maintains and trades the output of Corby Power Plant in the UK market.

Services

Services provided by ESBI include:

- operation and maintenance;
- project development activities;
- techno-economic study and modelling;
- engineering design reviews;
- installation of a computerised maintenance management system.

Technology

The plant consists of two General Electric Frame 9E gas turbines and one GEC Alstom steam turbine in 2:2:1 combined cycle configuration.