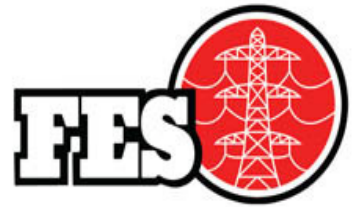




Data Centre
Midlands





**Data Centre
Midlands**

The project was to construct a new energy centre to house mechanical and electrical plant to provide 1500 W/m² requirements for data hall 2, refurbish data hall 2 (while maintaining data hall 1 live and operational), remove and replace the existing roof outer cladding, extend the generator building for the installation of an additional 5th MV generator and complete the PMS controls upgrade for all 5 generators including the introduction of the new utility MV switchgear.

Mechanical services provided N+1 resilience including refurbishing existing AHU's, installing new CRAC units and thermosyphon chillers. Electrical services provided dual string from site entry at 11kV however N+1 electrical infrastructure with dual string pdu's with 100% ups data load and critical building services load.

FES Limited provided the full turnkey solution.

Project

Data Centre, Midlands

Client

Leading UK Bank

Management Contractor

FES Ltd

Consulting Engineer

RSP

Value

£18Million

Completion

May 2011

Contract Period

32 Weeks

