

Electricity Supply Board (ESB) Corduff 220kV Substation



Client: Electricity Supply Board (ESB)

Location: Dublin, Ireland

Project: Corduff 220kV substation

Project detail: The project consisted of the construction of the largest 220/110kV substation in Ireland at Corduff in Co Dublin.

The project required us to use leading edge technology using Bay Controllers linked by fibre optic cable. Over a 14-month period, we constructed and commissioned over twenty 110kV and 220kV double busbars bays; line bays; bus coupler bays; sectionalising bays and associated transformer bays. The station has a numerical substation control system (SCS) with a distributed control and protection scheme and protection schemes on both the 110kV and 220kV busbars.

At the peak of the contract 30 staff were engaged on the project.

Contract duration: March 2008 to October 2010

Contract value:

Scope of services: Powerteam was responsible for the following:

Electrical equipment fit-out

Installation of steelwork, circuit breakers, busbars, protection panels and associated multicore and fibre optic cables

Pre-commissioning

Project Supervisor Construction Stage (PSCS, Republic of Ireland Principal Contractor equivalent).

Contact:

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