

DUBLIN AIRPORT 110kV SUB-STATION DESIGN AND BUILD

Construction of a new 110kV sub-station

Client: Dublin Airport Authority

SUMMARY:

Value: €3.7 million
Electrical Engineer: ABB
Status: In Progress

Services Provided:
 Detailed Design
 Project Design Co-ordination

Nicholas O'Dwyer were employed by Pierse Contracting Ltd., as lead Civil / Structural Engineers and Project Co-ordinator for the civil / structural works. The project is a Design and Build contract incorporating approval periods for detailed design submissions.

The project involved the construction of a new 110kV to 20kV client sub-station including transformer bunds, plinths, roadways, drainage and all civil engineering works. Nicholas O'Dwyer were also responsible for all cable phasing drawings between the new Eirgrid building and client sub-station building.

The civil / structural works for the project is now complete having undergone the design approval process. Co-ordinated interface design with the Eirgrid sub-station has also been completed by means of interface meetings and drawing exchange.

