

MICROSOFT DB3 110kV SUB-STATION DESIGN AND BUILD

Construction of a new 110kV sub-station

Client: Microsoft Ireland Ltd

SUMMARY:

Value: €3.0 million

Electrical Engineer: ABB

Status: Complete

Services Provided:

Detailed Design

Project Design Co-ordination



Nicholas O'Dwyer were employed by ABB, 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, and was part of the larger Microsoft Data Centre project which was a Construction Management Contract managed by Sisk.

The project involved the construction of a new 110kV to 20kV client sub-station including transformer bunds, three switchroom buildings, plinths, drainage and all civil engineering works. Nicholas O'Dwyer were involved throughout the construction phase including attendance at project progress meetings between ABB and Sisk.

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 via the nominated services co-ordinator.

