



## AMGEN 20kV SUB-STATION DESIGN AND BUILD

Construction of a new 20kV sub-station

**Client: Amgen**

### SUMMARY:

**Value:** €1.0 million  
**Electrical Engineer:** ABB  
**Status:** Complete

**Services Provided:**  
Detailed Design  
Construction Management

Nicholas O'Dwyer were employed by ABB as lead civil / structural engineers and Construction Manager 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, pylon foundations, plinths, roadways, drainage and all civil engineering works. Nicholas O'Dwyer were also responsible for all cable phasing drawings and diversions between the new Eirgrid building and client sub-station building.

The project is currently on site 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.

