



## East West Interconnector Project (EWIC)

### Quarterly Report

#### Quarter 4 2011

#### **Progress Overview:**

The site investigation into the previously unrecorded archaeological site discovered at Rogerstown Estuary in Rush, Co. Dublin is now complete. As previously reported, the discovery dates back to early medieval times, and a date of AD 617 – 675 was returned following a radiocarbon determination carried out at Queens University, Belfast.

A report from archaeologists is currently being finalised, and will then be submitted to National Monuments Service. They will then instruct what further investigations, if any, are required.

Up to date project activity is available at [www.interconnector.ie](http://www.interconnector.ie).

#### **Ireland**

Construction work in Ireland is progressing well.

Approximately 43,750m (99%) of the DC ducts have now been installed in Ireland.

DC cable installation is 74% complete, jointing is 49% complete and grout filling is 21% complete. The remaining duct installation in the N2 roundabout at Ashbourne Co. Meath is underway.

Work at the Woodland Converter Station site is progressing. The converter building is now weather tight, and the installation of electrical equipment has commenced.

#### **Britain**

In Wales, 100% of DC ducting is complete, with 83% of cable pulling also complete. Jointing is now 70% complete. Grouting works are 80% complete.

At the Shotton Converter Station, work is progressing with the installation of electrical equipment now underway.



## **Marine**

A major milestone was achieved in 2011, when work on the laying of marine cables for the Interconnector got underway.

The cable-laying ship the Nostag 10 first laid the marine cables of the project at Barky Beach in North Wales and then moved to Rush North Beach to lay the shallow water marine section of the route.

Other major vessels involved in the cable lay and installation were the Island Pioneer and the Team Oman. Over 40% of the marine works have now been completed and works vessels demobilised from the Project in early December. The marine installation works will recommence in 2012.

Work on the site at Liverpool Port for the marine spares storage depot is progressing well. Manufacture of the carousel has completed in Sweden, with piling and foundation works at the site now also complete. The Depot is on schedule for completion in May 2012 in time for delivery of the Interconnector's spare marine power cable.

## **Design and Construction**

ABB continued with the manufacture of both land and subsea DC cable types during the period, with all land cable now fully manufactured and tested.

Factory System Testing of the Control and Protection system (FST) for EWIC was completed in November. Both National Grid and EirGrid TSO had compliance engineers in attendance.

Site installation of switchyard equipment has commenced at both sites.

## **Overall Progress**

EirGrid is delighted to report that the project is still on target to achieve completion in Q3 2012.