

**SCOTTISH HYDRO ELECTRIC  
TRANSMISSION**  
**Connagill 275/132kV Substation**



**Introduction**

The Connagill 275/132kV Substation was constructed to facilitate the connection of a new Wind Farm and two future Wind Farms on a Greenfield Site in Northern Scotland.

**Overview**

Omexom UK undertook the Design (Electrical and Civil), Equipment Procurement, Construction and Installation Works together with Commissioning and overall Project Management of the Four Bay Connagill Substation.

In addition Omexom UK assisted Scottish Hydro Transmission Ltd with submission to obtain Planning Permission and erected two new 275kV Overhead Line Towers to connect the Substation to the Electricity Grid .

Omexom UK also undertook all 132kV Underground Cable Installation and Jointing.

**IMPLEMENTATION**

**Activity**  
Electricity

**Technologies Used**

AIS Substation  
Alstom Switchgear & 132kV Circuit Breakers  
ABB 132kV Power Voltage Transformers

**Customer Benefits**

- Connection of New Renewable Energy Resources
- Expertise / Know-How / Experience
- Availability of Manpower & Equipment
- New Resources.
- Team Adaptability and Responsiveness.

**Country:** United Kingdom  
**Site:** Thruso, Scotland  
**Budget (£m):** 14.1

**Start Date:** 01/2014  
**End Date:** 05/2015

**Business Units Involved**  
Omexom – UK Substations

**Contact:** Chris Straker – [chris.straker@omexom.co.uk](mailto:chris.straker@omexom.co.uk)

[www.omexom.co.uk](http://www.omexom.co.uk)

