

## SCOTTISHPOWER RENEWABLES

### Ewe Hill Windfarm



#### Introduction

Ewe Hill WF is a Windfarm comprising of 22 x 2.3MW Siemens turbines located in Lockerbie, Scotland, a development by Scottish Power Renewables.

#### Overview

Omexom UK Renewables, employed by the main contractor I&H Brown, undertook the electrical design, equipment procurement and installation works together with the Commissioning and overall Project Management of the WF substation DNO connection to the turbine switchgear.

The first phase was 6 turbines and phase 2 was a further 16 turbines has an overall operating capacity of up to 50.6MW.

## SOLUTION IMPLEMENTED

### IMPLEMENTATION

#### Activity

Electricity.

#### Technologies Used

29km of 33kV & Fibre cables  
33kV Switchgear  
Fibre Optic Network  
SCADA System  
UPS and Battery Charger system  
Auxiliary Transformer  
Associated Auxiliary Equipment

#### 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:** Lockerbie, Scotland

**Budget (£m):** 2.5

**Start Date:** 08/2015

**End Date:** 01/2017

**Business Units Involved**

Omexom – UK Renewables

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