

Ridgiduct Power HV selected to bring electricity to 20,000 homes in Scotland

Bringing power to the people, Polypipe has supplied **over 10km of Ridgiduct Power HV** to a new on-shore wind farm.



Based on former agricultural land in Cour on the Mull of Kintyre, Argyll and Bute, the new wind farm consists of ten 2.05 megawatt Senvion MM92 wind turbines, which are connected to a Grid Connection Point in order to provide power more than 20,000 homes in Scotland.

Ridgiduct Power HV was supplied in 6m lengths with a black outer wall and a red inner wall for both high voltage power and communication lines. The system was installed underneath the centre of the wind farm access roads by main contractor RJ McLeod, on behalf of the client Blue Energy.

Providing a robust alternative to PVCu cable protection, Polypipe's Ridgiduct Power HV

was installed to connect the wind turbines to the Grid Connection Point. Specifically designed for use with high voltage power communication cables operating at high temperatures, Ridgiduct Power HV meets the requirements of ENATS 12-24 class 1 specification for electrical cable ducts.

Due to its flexibility, inherent strength and ability to be cut to a desired length, Ridgiduct Power HV was the ideal solution for the Cour wind farm project.

Alex Souden, Project Manager at RJ McLeod, said:

"Wind farm projects can be completed quickly thanks to the availability of high quality products such as Ridgiduct Power HV, which provided us with a robust and easy to install solution. This was a large project, and the ability to connect the power for ten wind turbines to a central system will ensure that the wind farm will remain operational for many years to come."

CASE STUDY

Project

Cour Wind Farm

Client

Blue Energy

Application

Wind Farm

Products

Ridgiduct Power HV