

Power Systems

Hunterston Wind Farm

IQA Group were appointed by Scottish Power to perform the 33kV jointing and termination of the offshore wind turbine test facility in Hunterston, North Ayrshire.

The project, commissioned by SSE, is the UK's first onshore test site for offshore turbines. The first turbine, a Siemens SWT-6.0-154, has begun generating and exporting clean wind powered energy to the Grid. It is 177 metres tall and has a 154 metre rotor diameter making it the largest wind turbine installed onshore in the UK.

The works included:

- 18 Nexan Terminations and 6 VT connections
- 2 Trifurcation Joints
- 18 x 33kV Straight Joints

During the works, the large size and sheer weight of the cables and confined space proved to present a challenge for our authorised operatives however; another IQA team, with vast experience of this type of cable, were brought to the site to assist the team and offer them advice and a solution to the challenges faced.

All work was completed to client specification and ahead of client's completion deadline.

