



Robin Rigg Offshore Wind Farm (Navigation and Fishing) (Scotland) Act 2003

2003 asp 19

1 Authority for works obstructing navigation and fishing

- (1) The undertaker is hereby authorised to obstruct navigation and fishing in the Solway Firth to such an extent as may be required in order to construct and maintain the regulated works, namely—
- (a) up to 60 wind turbine generators each consisting of a tower extending between 62 and 76 metres upwards from the level of high water, fitted with rotating blades with a rotor diameter of between 80 and 104 metres and fixed to the seabed by one or more piles extending to a maximum depth of 35 metres below the seabed;
 - (b) an electrical substation and helicopter landing deck consisting of a steel superstructure placed 10 to 12 metres above the level of high water with a maximum height of 10 metres and a span of 30 metres by 50 metres (accommodating transformers, switchgear, back-up generators and other technical installations);
 - (c) an anemometry mast with a lattice structure extending between 66 and 76 metres upwards from the level of high water, fitted with anemometers and wind vanes, fixed to the electrical substation or fixed to the seabed by one or more piles extending to a maximum depth of 45 metres below the seabed and attached to turbine No. K1 by power and communications cables;
 - (d) a series of cables connecting the wind turbine generators with each other and to the electrical substation laid initially one metre beneath the seabed and maintained at a level between the surface of the seabed and a level 8 metres below the seabed;
 - (e) so much of the cable connection between the electricity substation and the seashore as lies under Scottish waters, namely two armoured cables laid 3 metres beneath the seabed and maintained at a level between 2 and 5 metres below the seabed,

in the locations specified in the schedule to this Act (subject to such deviation as may be permitted under section 2 of this Act) together with, within the limits of deviation, such scour protection works at the base of the wind turbine generators, the electrical

substation, and the anemometry mast, and such navigational warning or ship impact protection works on or around those structures as may be reasonably required.

- (2) The turbines shall be constructed and maintained so that there shall be a minimum distance of 18 metres between the lowest point of the rotating blades and the level of high water.
- (3) Nothing in this Act authorises the generation or transmission of electricity.