

Project Information:

Blackwell Role	Main Contractor
Form of Contract	ICC
Contract Value	£1.9M

Blackwell Site Management:

Contracts Manager:	Jim Wilkinson
Project Manager:	Adrian Slane
Quantity Surveyor:	Neil Swinburne



Services Include:

Civil Engineering **Earthworks** Geotechnical Remediation



Background:

Located on the site of a restored colliery to the east of Park Spring Road on the A6195, the Park Spring Wind Farm in Barnsley, South Yorkshire consists of 3 turbines with the capacity to generate up to 8.55MW. The completed wind farm has the capacity to produce enough electricity to supply around 3,200 households.

Blackwell was appointed to carry out the Full Balance of Plant project to construct the new wind farm, which included the construction of turbine foundations, crane hardstandings, approximately 1,450m of access road and a new wind farm control building. These operations involved the construction of new access roads leading into the site from the A6195, which was carried out under a Section 278 agreement.

The Park Spring project was carried out for client, EDF Renewables – for whom Blackwell constructed the 13 turbine Burnhead Moss Wind Farm in Falkirk.

Key Processes:

Key operations included the following:

- The construction of 3 turbine foundations in accordance with the client's design.
- The design and construction of new site access roads and upgrading of existing site access roads leading off the A6195 Park Spring Road into the site. This included the creation of all associated drainage ditches, culvert crossings, passing places and turning heads.
- The design and construction of crane hardstandings at each of the 3 turbine locations.
- The design and construction of a control building platform.
- The design and construction of a new control building, including all foundations, slabs and walls, cable pits, floor trenches and associated cable ducting and drainage systems.
- The design and construction of water and drainage services, including a foul water treatment facility and associated pipework.
- The excavation and subsequent filling in of cable trenches.
- The management, treatment and disposal of excavated material as appropriate.
- The supply and installation of cable ducting.

