

Project Information:

Blackwell Role	Main Contractor
Form of Contract	NEC3 Short Form
Contract Start	September 2010
Contract Period	7 weeks

Blackwell Site Management:

Contracts Director:

Steve Johnson

Contracts Manager:

Adam Lane

Project Office:

Northern Regional Office

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Services Include:

Civil Engineering **Earthworks** Geotechnical Remediation



Contract Summary:

Blackwell carried out advanced works on an Early Contractor Involvement basis for Coronation Power to assist in planning and pre-construction works at their Crook Hill Wind Farm.

The overall scheme involved developing a 12 turbine wind farm on land near Wardle and Littleborough in East Lancashire.



The site is located approximately 4km north of Rochdale and 2km east of Whitworth, on high ground of Shore Moor to the north of the village of Wardle and Watergrove Reservoir.

We engaged the services of Donaldson Associate Ltd to lead the design of the track with regard to horizontal and vertical alignment.

Key Processes:

The main scope of the work undertaken by Blackwell included the following:

- Topographic survey over highly undulating ground
- Design development to provide the optimum route for the main access road onto the moor that can accommodate wind turbine delivery lorries. The route involves over 200m of vertical ascent in the first 1800 linear metres.
- Subsequent redesign and assisting with revised application for an alternative access route to the project.
- Advising on the buildability issues in connection with the consented wind farm; this includes advice on the required land take, further G.I. that may be required along with the optimisation of the earthworks solution.
- Provision of "constructable" route on the Clients adjacent Reaps Moss wind farm

