

Project Information:

Blackwell Role	Main Contractor
Form of Contract	NEC3 Option A
Contract Value	£9.6M

Blackwell Site Management:

Operational Director:

Steve Johnson

Contracts Manager:

Jim Wilkinson

Project Manager:

Andy Davies



Services Include:

Civil Engineering **Earthworks** **Geotechnical** Remediation



Contract Summary:

Having successfully completed the southern phase of the Clyde Wind Farm project to prepare for the installation of 56 turbines near Abington in South Lanarkshire, Blackwell was awarded the contract for the construction of the northern section of the Clyde Wind Farm. These works involved the construction of an additional 27 turbine bases and were accessed from the end of the north enabling works, advance works also completed by Blackwell.

Whilst there are fewer turbines than the south site, the topography and layout of this site provided an even more challenging environment for construction. Works were programmed to be completed within a single season, thus permitting turbine erection to commence prior to the winter period.



Key Processes:

The main elements of the work included the following:

- The de-stumping of large areas of previously forested land.
- The development and implementation of an ecological mitigation plan with the Ecological Clerk of Works and the Scottish Environmental Protection Agency.
- The stripping of approximately 200,000 cu.m of peat and topsoil and storing in accordance with the agreed peat management plan.
- Bulk earthworks, including the excavation of over 400,000 cu.m of soils and rock, and the placement of this material as embankment fill.
- The construction of a 500m length of floating road over deep peat.
- The onsite batching of over 10,000 cu.m of concrete
- The construction of 27 turbine foundations and 2 anemometer bases.
- The onsite crushing of rock to form approximately 20km of new on site roads.
- Drainage and silt mitigation measures.
- Fencing
- Reinstatement works.

