



## Powering Progress

Natural Power is a multinational renewable energy company and one of the most established consultants in the industry.

The company has offices in more than 14 countries globally and employs more than 400 people across the business, with over 240 staff in Scotland. Its headquarters are in Dumfries & Galloway where it is a major employer with over 100 staff. Vattenfall is one of Natural Power's key clients, and at South Kyle, they are delivering four different contracts. It's a significant piece of work for the business and is worth approximately £1.3m.

For South Kyle Wind Farm, the company is employing 20 people on the project, which represents about 20% of the workforce from the Dumfries & Galloway office.

**Ralph Spernagel, Construction Director, comments: "South Kyle is an important piece of work for us and will have a significant impact on the local economy."**

One of Natural Power's key roles on the project is to provide Construction Management Support, which means the company acts as Vattenfall's eyes and ears on the ground. This involves providing commercial support as 'Engineer' under the contract, onsite management, quality control and managing the construction of the wind farm to ensure that all the work being done by the different contractors is carried out to the highest possible standards. Although Vattenfall has its own project team, there is also a need to have people on site at all times to check every piece of work as it's being done.

Because of the size of the South Kyle site, Natural Power employs two full-time resident engineers to work on the ground managing everything. Their job involves carrying out regular inspections across the site to check and have an overview of the work being done onsite; writing daily reports for the Vattenfall team; coordinating with turbine component deliveries on onsite; checking in with everybody; and health, safety & environmental discussions. It's a very varied role.

Natural Power is also acting as the Principal Designer for the site. This involves coordinating health & safety and ensuring that everyone complies with the Construction (Design and Management) Regulations (CDM).

**Find out more about Natural Power at [www.naturalpower.com/uk](http://www.naturalpower.com/uk)**



### Maximising local opportunities

As we build South Kyle Wind Farm, Vattenfall's goal is to maximise opportunities for local businesses, people and communities.

**Find out more at [www.vattenfall.co.uk/southkyle](http://www.vattenfall.co.uk/southkyle)**



### Get involved

If you have a local business and want to find out more about joining Vattenfall's supply chain, we'd love to hear from you.

Please email: [southkyle.windfarm@vattenfall.com](mailto:southkyle.windfarm@vattenfall.com)



## A global business headquartered in Dumfries and Galloway

Natural Power is a major Scottish business and one of the most established renewable energy consultants in the industry. It has offices around the world and across the UK, with its headquarters located in Dumfries and Galloway.

Its work with Vattenfall extends beyond South Kyle Wind Farm and includes projects such as Quantans Hill, a proposed wind farm around 2km east of Carsphairn.

## Geotechnical and site investigation

Natural Power is also responsible for the geotechnical inspections relating to planning condition discharge and site investigation work.

The Geotechnical team conducts ground surveys and analyses the ground conditions, feeding all that information to the Balance of Plant (BoP) contractor who is building the roads and foundations for the turbines. Our principal geotechnical engineer is carrying out inspections and peat probing to validate previous studies and monitor planning condition discharge relating to ground conditions.

**Ralph continues: “We’re a local company and most of what we provide is people power, but what supply chain we do have is local. All the fuel for our rigs is bought locally from local companies, and the mechanics who maintain the equipment, often doing repairs in the field, all live locally.”**

## Environmental Clerk of Works

Natural Power also provide the Environmental Clerk of Works (ECoW) on site.

This involves ensuring that Vattenfall complies with any wildlife legislation and planning conditions/ecological protections that Vattenfall committed to during the planning application. The ECoW also proactively identifies and resolves ecological issues and ensures that all the workers are aware of their responsibility to protect the environment.

**Ralph adds: “Unfairly, there’s this idea that wind farm developers don’t care about the environment, but in reality a huge amount of work goes into making sure the local habitat is protected as much as possible during construction and that it’s repaired and restored afterwards. It’s a really important job.”**



## Designing the best wind farm we can at Quantans Hill

Natural Power is leading the Environmental Impact Assessment coordination for the development of the proposals for Quantans Hill Wind Farm, working with a team of highly skilled and experienced experts to help Vattenfall design the best wind farm we can while protecting, and enhancing, natural habitats on and near the site.

**Find out more about the proposals at [www.vattenfall.co.uk/quantanshill](http://www.vattenfall.co.uk/quantanshill)**