

Large-Scale Onshore Wind

Arcus provides planning, environmental and engineering consultancy services to the large-scale onshore wind energy sector. These services include:

- Environmental Impact Assessment (EIA)
- Environmental Statements (ES)
- Planning and Consenting
- Project Management and Delivery
- Feasibility and Site Finding
- Screening and Scoping
- Stakeholder Engagement
- Environmental Surveys
- Access, Transport and Traffic
- Site Design
- Geographical Information Systems (GIS) and Visualisation
- Public Exhibitions
- Post-Submission Support
- Appeals and Public Inquiry
- Drafting and Discharge of Conditions
- Engineering
- Clerk of Works
- Monitoring
- Financial Appraisal and Due Diligence

Arcus has an excellent track record in the large-scale onshore wind sector. We have submitted applications for projects whose combined onshore wind capacity is in excess of 1.7GW, with a consent rate of over 85% (as of September 2014).

Arcus involvement extends through all phases of the development process, from site-finding and feasibility through planning and EIA to construction and operational monitoring.



Selected Projects

Beinneun Wind Farm, Highland, Scotland

Arcus was appointed by Ridgewind to provide EIA consultancy support and technical services for the Beinneun project, an 85MW onshore wind farm near Invergarry in the Highlands, Scotland. The wind farm application was submitted at the end of 2011 and consented by Scottish Ministers in October 2012.

Arcus provided a wide range of site surveys as part of the project as well as managing the EIA process and Section 36 application to the Scottish Government. The site design process required the balancing of complex topography, specific landscape and visual sensitivities with the need to avoid areas of environmental importance.

As part of our high-quality ES approach, Arcus held extensive consultation with The Highland Council and consultees. The quality of the ES and the consultation won praise from SNH, who welcomed the early dialogue.

Kilgallioch Wind Farm, Dumfries and Galloway, Scotland

Arcus managed the EIA process and Section 36 application, and an Addendum to this, for ScottishPower Renewables. This project was consented by the Scottish Government in February 2013 with 96 wind turbines and a capacity of up to 288MW. Arcus supported the client through the EIA and planning process, including undertaking environmental surveys and liaising with technical consultees, public consultation, design work, assessment and recommending mitigation and providing planning advice.

The site had extensive peat coverage and plantation forestry, and a watercourse designated as an SAC for Atlantic Salmon running through the site, making the design and mitigation process more complicated. Our understanding and experience of these issues allowed us to provide appropriate advice during the conceptual design stage and propose effective mitigation solutions that were accepted by key consultees.



Wingates Wind Farm, Northumberland, England

Arcus was appointed by Novera Energy (now Infinis) to provide EIA consultancy support and technical services for Wingates Wind Farm, a 15MW onshore wind farm near Rothbury in Northumberland.

Issues addressed through the EIA process included newly planted woodland at the site and previous mining use. Arcus undertook the EIA coordination and planning work, together with many of the technical tasks. Arcus contributed to material for public exhibitions and advised on project strategy regarding consultation and consent. Wingates Wind Farm received consent in May 2011.