

Wind Energy

Case Study

West Adamston Wind Turbine

John Brown and Son, Muirhead Angus



Project Overview

The business of John Brown & Son includes a potato enterprise with associated storage. These operations have a high power demand. A wind turbine was the only renewable energy solution to feasibly be able to offset a proportion of the energy usage and in turn reduce costs associated with the business.



Services Provided

- Initial feasibility and project viability
- Detailed feasibility study
- Compilation of a Supporting Information Document with the relevant assessments to accompany the planning application

Outcome

When SAC Consulting first started working on the project, we carried out a feasibility study to identify any show stoppers. Two issues were identified although neither of them were thought to be insurmountable (landscape and visual impact and a gas pipeline on the site).

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A planning submission was made to Angus Council for a 100kW turbine and the application was approved in 2010.

Following the consent of the application, SAC Consulting worked on releasing the conditions. One of which specifically related to the gas pipeline as the plant and turbine needed to cross over this and an appropriate crossing point was designed by SAC Consulting that was signed off by the gas board.

The turbine was erected in summer 2011 and is now providing about 40% of the business's electricity requirements.

"I asked SAC Consulting to carry out a wind feasibility study, because they are independent, I felt that I would get a more realistic and objective report. When that came back looking positive, I asked them to carry out my planning application. I had already spoken to the planning officers and they said they had been impressed by the standard of applications that had already been submitted by SAC Consulting.

I had very little to do regards planning submission and process, SAC Consulting did it all and we had a positive response in a reasonably quick time frame. I would not hesitate in recommending SAC Consulting to anyone undertaking a similar project." Mr H. Brown



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