

Wind Power Generation

This is a list of some projects in the wind power generation sector for which Spectrum has provided acoustic consultant or noise consultancy services.

Client	Project	Description of Services
Caminus Engineering	Premier Foods Wind Turbines Spalding	Noise modelling to assess noise impact in support of planning application
Caminus Engineering	WBB Minerals, East Winch Wind Farms	Noise modelling to assess noise impact in support of planning application
Caminus Engineering	WBB Minerals, North Devon Wind Turbines	Noise modelling to assess noise impact in support of planning application
Hemex LLP	Lilbourne Wind Farm	Baseline noise survey, noise modelling and preparation of Noise Assessment for planning application. Appearance on behalf of developer at Public Inquiry
McCain Foods/Manor Farm Energy Consultancy	McCain Foods, Whittlesey, Cambridgeshire	Noise Impact Assessment of a proposed wind turbine installation at McCain Foods, Whittlesey
Michelin Tyres/Independent Power Systems Ltd	Wind Turbine Installation at Michelin Tyres, Dundee	Noise Impact Assessment of a proposed Wind Turbine Installation for Michelin Tyres, Dundee
National Wind Power Ltd	North Hoyle Offshore Wind Farm	Prediction and assessment of noise impact from offshore piling activities associated with construction of wind farm
Scottish & Southern Energy plc	Spurness Wind Farm	Completion of noise modelling to predict operational noise levels at receptor positions and allow negotiation of planning noise conditions with Planning Authority
Scottish & Southern Energy plc	Artfield Fell Wind Farm	Completion of contract noise specification for project and provision of general support to SSE development engineer on noise related matters Review of contractor proposed commissioning noise test procedure for SSE development engineer
Scottish & Southern Energy plc	Hadyard Hill Wind Farm	Review of various models of WTGS proposed for project, by completion of detailed noise modelling, to predict operational noise levels and noise limit compliance at receptor positions. Review and amendment of section 36 consent notice for project Completion of contract noise specification for project and provision of general support to SSE development engineer on noise related matters Completion of detailed background noise survey and development of ETSU based planning noise limit criterion Completion of post operating commissioning noise survey to assess compliance against established criterion

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Scottish & Southern Energy plc	Artfield Fell Wind Farm	Review of WTGS proposed for project, by completion of noise modelling, to predict operational noise levels at receptor positions. Review of environmental statement and noise conditions Completion of noise specification for project
Scottish & Southern Energy plc	Tangy Wind Farm Extension	Completion of noise impact assessment of proposed wind turbine extension, including noise modelling and background noise survey correlating wind speed with prevailing noise levels. Provision of additional required information to Argyll & Bute Council for determining planning application
Scottish & Southern Energy plc	Drumderg Wind Farm	Baseline and operational noise surveys for discharging planning conditions
Scottish & Southern Energy plc	Achany Wind Farm	Baseline and operational noise surveys for discharging planning conditions
Scottish & southern Energy plc	Toddleburn Wind Farm	Completion of noise modelling to predict operational noise, to discharge planning condition in order to demonstrate minimal impact
The Environment Agency/IT Power	Wind Turbine Installation at Worthing, Sussex	Noise Impact Assessment of a proposed wind turbine installation for the Environment Agency, Worthing