

# Biomass and Nuclear Power Station Projects

This is a list of some projects in the Biomass Power Station sector for which Spectrum has provided acoustic consultant or noise consultancy services.



Client	Project	Description of Services
ContourGlobal/KivuWatt Ltd	100 MWe methane gas power plant	Preparation of noise section of environmental statement including computer noise modelling and assessment of impacts
Forth Energy (Forth Ports/SSE)	Leith Renewable Energy Plant	Preparation of noise section of environmental statement for 200 MWe power station, including background noise surveys, computer noise modelling and assessment of impacts
Forth Energy (Forth Ports/SSE)	Dundee Renewable Energy Plant	Preparation of noise section of environmental statement for 100 MWe power station, including background noise surveys, computer noise modelling and assessment of impacts
Forth Energy (Forth Ports/SSE)	Rosyth Renewable Energy Plant	Preparation of noise section of environmental statement for 100 MWe power station, including background noise surveys, computer noise modelling and assessment of impacts
Forth Energy (Forth Ports/SSE)	Grangemouth Renewable Energy Plant	Preparation of noise section of environmental statement for 100 MWe power station, including background noise surveys, computer noise modelling and assessment of impacts
Peel Energy	Sheerness Biomass Power Project	Initial noise evaluation and completion of background noise survey for 350 MWe Biomass Power Project
Prenergy Power	Port Talbot Renewable Energy Plant	Technical support through application and evaluation stage of 300 MWe project, including noise surveys, noise modelling and assessment. Completion of Environmental Statement. Expert evidence at Public Inquiry
Renewable Energy Services (RES)	Blyth Biomass Power Station	Preparation of noise section of Scoping Report. Preparation of noise section of environmental statement for 100 MWe power station, including background noise surveys, computer noise modelling and assessment of impacts
RWE Npower	Aberthaw Power Station. Biomass Facility	<p>Completion of Background Noise Surveys during planning process.</p> <p>Provision of acoustic design support to main turnkey contractor, including; completion of noise modelling as part of acoustic design of plant for meeting environmental noise limits; completion of construction and commissioning surveys throughout development to completion of project.</p> <p>Completion of noise assessment for EPR permit, including evaluation of noise from chipping process</p>

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RWE Npower	Tullis Russell Papermakers Biomass CHP Plant (Glenrothes, Scotland)	Preparation of noise section of environmental statement, including background noise surveys, computer noise modelling and assessment of impacts. Completion of noise modelling as part of acoustic design of plant, to assist EPC contractor in meeting environmental noise limits; completion of construction and commissioning surveys throughout development to completion of project
RWE Npower	Wylfa nuclear power project	Preparation of noise section of environmental statement, including background noise surveys, computer noise modelling and assessment of impacts. Technical support through application and evaluation stage of project. Preparation of preliminary operational and construction noise contract specifications
SKM Enviro	North Blyth Biomass Power Station	Preparation of noise section of environmental statement, including background noise surveys, computer noise modelling and assessment of impacts

