

Hydro Power Generation

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

Client	Project	Description of Services
Alstom Hydro Limited	Cassley Power Station	Baseline noise assessment and specification for station refurbishment
Alstom Hydro Limited	Errochty Power Station	Completion of commissioning noise tests and report following station refurbishment
Alstom Hydro Limited	Livishie Power Station	Baseline noise assessment and specification for station refurbishment
Alstom Hydro Limited	Orrin Power Station	Baseline noise assessment and specification for station refurbishment. May 2002. Commissioning noise measurement report
Alstom Hydro Limited	Torr Achilty Power Station	Baseline noise assessment and specification for station refurbishment. May 2002. Commissioning noise measurement report. July 2003
GE Hydro (UK) Limited	Ceannacroc Power Station. Including Cluanie Dam Compensation House	Completion of commissioning noise tests and report following Station refurbishment
GE Hydro (UK) Limited	Finlarig Power Station	Baseline noise assessment and specification for station refurbishment. August 2003. Commissioning noise measurement report
GE Hydro (UK) Limited	Invergarry Power station. Including Garry Dam and Quoich Dam Compensation Houses	Commissioning noise tests and report following station refurbishment
Npower Renewables	Mickleton, Durham	Environmental noise impact assessment of proposed hydro turbine unit
Npower Renewables	Maldie Burn	Environmental noise impact assessment of proposed hydro turbine unit
RWE Npower	Eton, Berkshire, UK	Environmental noise predictions for a submerged hydro-turbine plant at Romney Weir
RWE Npower	Allt na Moine Hydro-Electric Scheme	Noise impact assessment of proposed 1.5MW hydro electric scheme at Applecross, Scotland
SSE	Errochty Power station	Station noise control project, including installation of specialist noise control lagging to hydro turbines
SSE	Kingairloch Hydro Scheme	Environmental noise impact assessment and design specification for new Hydro Scheme
SSE	Lednock Power Station, UK	Noise control design and project management of noise reduction programme on Francis water turbine and in power station

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SSE	Lochgair Power Station, UK	Noise control design and project management of noise reduction programme in power station
SSE	Orrin, Mossford and Achanalt Power Stations	Station noise control project, including noise control design report and project management of noise control solutions. August 1998
SSE	Pitlochry Power Station	Assessment of environmental noise levels for investigation of complaint. October 2002
SSE	Striven Power Station, UK	Noise control design and project management of noise reduction programme on Francis Water Turbine and in power station. June 1995
Weir Engineering Services	Cashlie Power Station	Baseline noise assessment and specification for station refurbishment
Weir Engineering Services	Culligran Power Station	Baseline noise assessment and specification for station refurbishment
Weir Engineering Services	Errochty Power Station	Sub-contract installation of specialist noise control lagging to hydro turbines