

**Electricity
Transmission**

nationalgrid

Engineering and Consultancy Solutions

Noise Impact Management



Who for

If you own High Voltage (HV) electricity assets or are planning a development involving the installation of equipment that generates noise, you may require specialist advice. Our environmental engineering noise specialists are here to assist you in managing noise associated with HV transmission assets and other noise management issues.

Why choose National Grid

- **We are experts** in noise associated with electricity transmission assets and noise impact assessment. Our team of engineers are members of professional institutions including **The Institute of Acoustics**, **The Institution of Engineering and Technology** and **The Institute of Environmental Management and Assessment**.
- **International reputation:** We are actively involved in international working groups such as **CIGRE** and support electricity transmission companies and their suppliers all over the world.
- **Environmental compliance:** Failure to comply with relevant environmental legislation is an offence, potentially resulting in equipment termination and/or unlimited fines. We can assist you with your environmental compliance requirements.
- **Stand by your side:** We can act as an expert witness on behalf of your company in noise-related matters.

- **In-depth analysis:** Our environmental specialists can undertake acoustic testing, measurements and noise modelling.
- **Cost-saving:** We can advise you on the selection of suitable noise reduction measures and mitigating the risks of non-compliance.
- **Your brand matters:** We can assist you with stakeholder engagement and minimise the risk of brand damage.

Our solution

- **Noise impact assessment:** We can help you minimise the risk of noise complaints, potential legal action and damage to your company's brand. Our experts will support you by undertaking assessments in line with BS 4142:2014.
- **Planning consent:** We can support you throughout the process of obtaining planning consent for developments that generate noise.
- **Permitted development:** We can prepare statements for works undertaken under Permitted Development and liaise with relevant stakeholders.
- **Compliance:** We can help you demonstrate compliance with planning conditions by undertaking noise monitoring, acoustic modelling and production of acoustic reports.
- **Noise complaint management:** We can assist with the management of noise complaints by liaising with affected parties, carrying out noise monitoring, assessing the noise impact and providing advice on potential engineering solutions.
- **Expert witness:** We can act as an expert witness on behalf of your company.
- **Design Specifications:** We can advise on operational noise specifications for new equipment, including siting and layout and support the assessment of tenders and design delivery to ensure compliance with technical specifications.

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