

## Electric and Magnetic Fields (EMF)



### Commercial Engineering Services

**National Grid has been at the heart of managing the Electric and Magnetic Field (EMF) issue in the UK for over 30 years.**

Our expert team can carry out assessment work on the magnetic fields of plant and equipment on behalf of our customers and report on the results.

EMFs are an emotive issue which, if mishandled, can easily escalate. Our strength is that we combine technical expertise with people skills and effective communication. We don't just understand the science of EMFs; we understand the business risks it poses and how to manage them.

We can help you at any level, from simply performing calculations and

measurements, to assisting with the full process of obtaining consent for a new power line.

Our specialist team can provide expert support in:

- Measuring and calculating EMF
- EMF aspects of design of electricity assets
- The various UK exposure limits, regulatory provisions, and Codes of Practice, and how to demonstrate compliance with them
- How to present the complex and sensitive EMF issues effectively to a range of audiences
- Writing Environmental Statements
- Staffing drop-in consultation events, or one-to-one meetings
- Expert witness appearances and cross-examination on EMFs
- Effective media management, including live interviews.

### High Voltage Engineering Specialists

A unique combination of experience and expertise

Consultancy & Policy Support



## Why is EMF management important?

EMF could impact a number of areas in your business, but the four key areas are:

- **Compliance with regulations:** If you are an employer, you will need to ensure that you are compliant with the new 2016 Regulations, with particular consideration for staff with pacemakers or who are pregnant.
- **Property Development issues:** If you are developing a site for residential use, you will need to consider the public exposure limits, what information you need to provide in your planning application, and what the impact might be on saleability.
- **Developing new electrical infrastructure:** If you are developing new infrastructure, generators, power lines, or cables, you will need to comply with the Code of Practice, provide the required assessment and information in your Environmental Statement, and potentially answer questions during consideration of your application.
- **Stakeholder communication:** If you are consulting with the public, you will need to talk to concerned individuals from a range of backgrounds and perspectives.



Our expert team are available to provide EMF consultation and support in all these areas and more to help you to manage your EMF. For more details or to arrange to speak to a member of our team please contact us via the enquiry form on our website [www.nationalgridces.com](http://www.nationalgridces.com) or call us on 0800 783 9228.

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National Grid is a trading name for:  
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Registered Office: 1-3 Strand, London WC2N 5EH  
Registered in England and Wales, No 2366977

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