

# BRE National Solar Centre Technical Due Diligence Consultancy

The NSC provides expert solar PV technical consultancy service to all stakeholders in the UK PV industry.

## The NSC SERVICE

It is essential to understand and mitigate technical risks when investing in energy generation projects. Our technical advisory service will help to:

- Assess the technical feasibility of your project
- Ensure that all factors have been considered in the development process
- Identify technical risks that might affect the project profitability

The NSC will work with private equity funds, banks, owners, developers, manufacturers and utilities on all aspects of projects from site development, specification setting, due diligence and project management through to completion, commissioning and handover.



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## What services?

The technical services may include:

### Site assessment

- Site visit and survey
- Topography assessment
- Ground condition report
- Construction access
- Power plant connection
- Land management requirements

### Grid connection

- Voltage restrictions available on site
- Determining earthing requirements
- Considering inverter and transformer designs

### Local code compliance review

- Planning advice
- Biodiversity and Land management plans

### Calculation of energy production

- Yield analysis
- System efficiency
- Performance indexing
- Inverter efficiency characterisation

### Review of certification documents of installations and main equipment

- Solar PV module warranties and performance checking
- Inverter warranties and balancing processes
- Switchgear and control specifications
- Installation quality checks
- Compare with relevant standards and guides of practice

## How to be involved

Get in touch to find out more or to discuss how we can work with you and support you.

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### The BRE National Solar Centre

The NSC is an independent, authoritative centre that works to promote the solar PV and solar thermal industry, and help it grow, innovate and prosper. It is a respected voice for the sector, providing support for all those involved through information, research, analysis, testing and training, and driving improvements in the quality of products and installations

### BRE Trust

The BRE Trust uses profits made by BRE Group to fund new research and education programmes, that will help it meet its goal of 'building a better world together'.

The BRE Trust is a registered charity in England & Wales:  
No. 1092193, and Scotland: No. SC039320.