

Renewable Energy

For renewable energy installers, we offer electrical design and engineering support for associated power distribution and grid connections. In particular:

- Power distribution - technical solutions that minimise capital costs:
 - HV and LV cables and interconnections
 - Substations
 - Energy storage and non-grid connected systems
 - Equipment detailing (transformers, inverters, switchgear, etc.)
- Grid Connection - regulatory requirements and associated studies:
 - G59/3 protection and compliance
 - G5/4 harmonic studies
 - system operation studies:
 - load flow and fault levels
 - voltage rise
 - transformer inrush
 - protective systems coordination

In carrying out design, we utilise state of the art leading industry recognised software tools including ETAP (<http://etap.com>), Amtech (<http://www.amtech.co.uk>), EMTP-ATP (<http://www.emtp.org>) and Matlab (<http://uk.mathworks.com>).

We have a proven track record of working with clients to ensure cost effective installations, regulation compliance, DNO acceptance and stable and reliable operation.

How We Can Help

- Offer expertise client may not have
- Relief from time constraints
- Staffing flexibility
- An objective outside opinion
- New ideas
- Speed and efficiency
- Objective assessment



For more information, please contact us or visit our website at: myelectricalengineering.co.uk.