

# AURORA

## POWER CONSULTING

Your Power - Our Knowledge

### **Aurora**

Aurora Power Consulting is a leading independent power systems consultancy, based in the UK. We provide specialist power systems analysis, HV / EHV earthing design and analysis, HV / EHV design and general consultancy services.

Aurora operates several comprehensive power systems analysis software packages including ETAP, DIgSILENT Powerfactory, PSCAD/EMTDC and EMTP-ATP. We operate both CDEGS and XGSLab for earthing studies and analysis.

### **Industrial Capabilities**

Aurora Power Consulting can offer a wide range of studies and services for the Light and Heavy industrial, including concept development, advice on renewable power integration and support during detail design stages. Typical services we offer can include:

- Concept development
- Protection scheme design
- Loadflow and reactive power flow studies
- IEC 60909 Short Circuit / Fault studies
- ENA G5.5 harmonic analysis studies
- P28.2 Voltage Fluctuations and Disturbance
- Protection coordination studies
- Arc Flash studies
- IEC 60071 - Insulation Coordination
- Transient Recovery Voltage (TRV) calculation and analysis
- Earthing Design and Analysis using either CDEGS or XGSLab