

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.

Renewable Power Capabilities

Aurora Power Consulting can offer a wide range of studies and services for the Renewable Power industry, including electrical concept design, Grid Code compliance studies, ENA G99 studies and support during detail design stages. Typical services we offer can include:

- Loadflow and reactive power flow studies
- IEC 60909 and ENA G74 Short Circuit / Fault studies
- ENA G5.5 / IEC 61000-3-6 harmonic analysis studies
- P28.2 / SVC / RVC Voltage Fluctuations and Disturbance
- Grid Code compliance studies
- ENA G99 compliance studies
- Dynamic and Stability studies
- AVR setting and tuning
- PSS tuning and setting
- Protection coordination studies
- IEC 60071 / TGN 288E - Insulation Coordination
- Transient Recovery Voltage (TRV) calculation and analysis
- Earthing Design and Analysis using either CDEGS or XGSLab