

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.

Transmission & Distribution Capabilities

Aurora Power Consulting can offer a wide range of studies and services for the Transmission and Distribution electrical requirements, including electrical concept design 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
- 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