

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.

Oil & Gas Capabilities

Aurora Power Consulting can offer a wide range of studies and services for any Oil & Gas electrical requirements, covering electrical conceptual design, as well as electrical support during pre-FEED, FEED and EPC design stages. Typical services we offer can include:

- Loadflow studies
- Short Circuit / Fault studies
- Motor Starting studies
- Harmonic analysis studies
- Load-shedding and re-acceleration studies
- Dynamic and Stability studies
- Protection coordination studies
- Transformer energisation
- Insulation Coordination
- Transient Recovery Voltage (TRV) calculation and analysis
- Earthing Design and Analysis using either CDEGS or XGSLab