

Modelling Unbalanced Networks

Objective:

To provide Powerfactory users with suitable knowledge in order to model unbalanced networks from single and dual phase lines.

Pre-requisites:

- **MUST have attended the PowerFactory Basic course**

No of participants: Minimum: 6; Maximum: 12.

Cost: see www.digsilent.co.za for latest course fees, which includes a set of course notes, lunch and refreshments.

Computers and PowerFactory licences are also supplied.

Please note the booking clauses on the registration form.

Duration: 1 day

Topics to be covered:

Phase technology of Powerfactory

Unbalanced systems

- Unbalanced loads.
- Single phase and SWER transformers
- Modelling lines; dual phase lines, single phase lines, etc.
- Traction networks
- Unbalanced loadflow.
- Unbalanced faults.