

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 Basic Version 14 course**
- Delegates should have attended the Basic Course
- Own Laptop (NOTE: laptops can be supplied at an additional charge)

Software used: *PowerFactory* V14.0

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.

PowerFactory licences, pens and notepads 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.
- Unbalanced loadflow.
- Unbalanced faults.