

Intermediate Operations

Objective:

To provide users working within the System Operations environment and who are familiar with PowerFactory basic techniques, with additional tools and knowledge of the program. This course covers a broad range of subjects and will be useful to all operations based engineers and technicians wishing to utilise Powerfactory for short term operations and planning studies.

Pre-requisites:

- **MUST have attended the Basic Version 14 course**
- A good working knowledge of the basic techniques used in PowerFactory.
- Delegates should have attended the Basic Training Course
- Own Laptop (NOTE: laptops can be supplied at an additional charge)

Software used: *PowerFactory* V14

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: 2 days

Topics to be covered:

- Advanced data Filtering
- Advanced data management - scaling loads, generation up/down
- Defining and working with Zones, Areas, Boundaries etc
- Setting up and utilising the Operation Library-:
 - Demand Transfers,
 - CB ratings,
 - Thermal ratings etc
- Using Operation Scenarios
- Using characteristics to define daily load profiles
- Feeders and feeder load scaling
- Contingency Studies - Single time phase and multiple time phase studies