

Intermediate Planning

Objective:

To provide users working within the planning 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 planners wishing to utilise Powerfactory for planning and analysis of power systems in more detail. It will also provide the user with the knowledge of built-in tools that will simplify and enhance the analysis of simulated networks.

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* V14.0

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: 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
- Using Variations
- Using characteristics to define load forecasts, load profiles
- Generating PV Curve
- Contingency Studies - Single time phase