

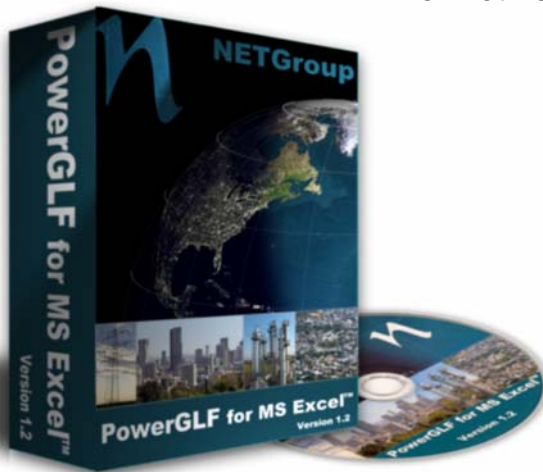
Utility Management Consulting MasterPlanning



PowerGLF

The structured approach to long term electricity demand forecasting

Forecasting and justifying demand targets for network development planning.



PowerGLF for Excel is the easiest way to perform demand forecasting in your own spreadsheets.

With one integrated toolset, you can use your own historical data to build accurate load forecast study models, simulate scenarios and evaluate future network topologies and switching conditions.



PowerGLF for MS Excel™ features:

- The PowerGLF add-in transforms MS Excel workbooks into load forecast models.
- Managing of load forecast supportive input data (e.g. land use densities, daily load profiles, growth % etc.).
- Ability to complete multiple forecasts for smaller areas and summate results in a single forecast.
- Long term (20 year) load forecasting per load zone.
- Forecast methods.
- Diversified summation of the forecasted load over various reporting levels.
- Creating multiple load forecast scenario's.
- Retain Excel functions to perform bulk data manipulation.

A variety of available forecast methods offers flexibility and adapts to available load information

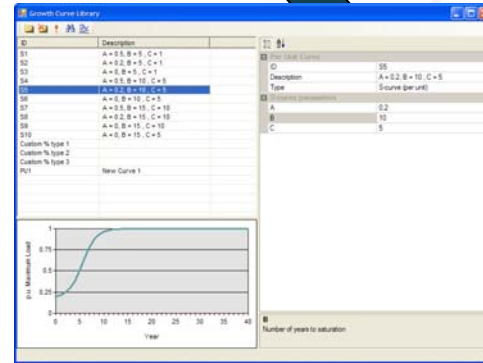
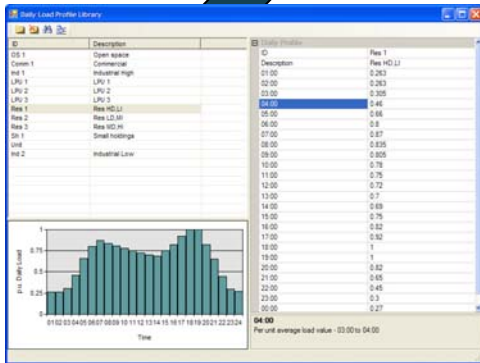
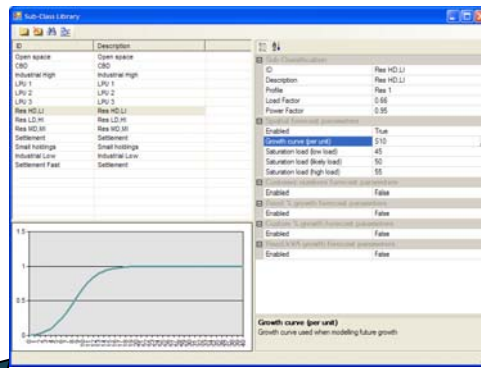
- Land use based
- Customer based
- Custom growth curves
- Percentage growth
- Trending
- Fixed increment



Sub-Class Library

Enables easy management of customer groups. Used to associate profiles and growth curves to specific customer groups.

Forecast specific attributes can be set per sub class.



Average Load Profile Definitions

Define generic and customer specific daily profiles. Used to calculate diversified load at higher levels.

Growth Curve Definitions

Specify growth curves used to calculate forecasted load per load zone.

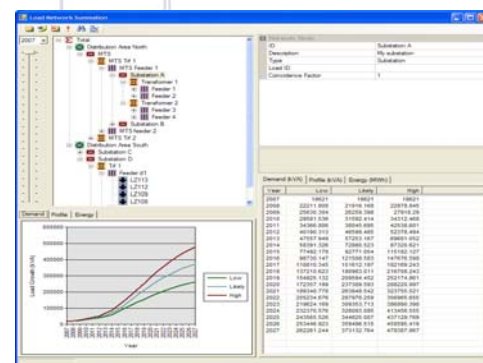
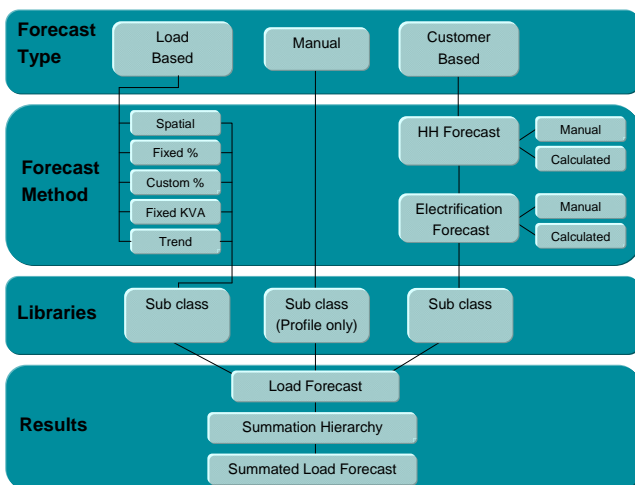
Loadzone Forecasts

Loadzone specific attributes such as short term and long term forecast methods and loadzone sub-classifications provide flexibility in terms of available information and expected changes in land use.

Load summation

Customizable summation hierarchy supports load association on different levels.

Diversified load summation produces 20 year demand and energy forecasts.



Software requirements:

The PowerGLF add-in requires the following components:

- MS Excel XP (2002), MS Excel 2003 or MS Excel 2007
- MS Windows XP SP1 or SP2

To download a trial version visit our website at <http://www.netgroup.co.za/web/powerglf.htm>