



Cerberus - Version 7.0

Product Information

The network calculation program **CERBERUS** by **Adapted Solutions** has got a number of new features and detail improvements with its new version **7.0**. The following new functions have been integrated into **CERBERUS 7.0**:

Project Manager

The project manager allows for the easy management of links to all files or web sites that are relevant for a certain task by means of a clear tree representation. Amongst others, the feature list of the project manager includes copying and emailing of projects, input of comments and schematic preview for CERBERUS files.

New functions in the model of the alternative power generator

Look-up tables describing the control of real and reactive power may be defined for alternative power generators. For the real power flow, a voltage-dependent control is possible. Reactive power can be controlled depending on the real power (constant value or look-up table for phase shift) or the voltage present at the component.

Calculation of maximum allowable power injection

The maximum allowable power injection of an alternative power generator having a given phase shift can be calculated for a connection point in the power grid. The calculation takes into account the limits for the voltage change and the influence of alternative power generators that are already present in the power grid.

Visualization of Power Flows

Several component models like those for cable, power line and transformers do now provide the option to display the values of their real and reactive power flow in the schematic.

Determination of cable reduction factors

The parameter dialog of the cable model has been expanded by a module for the calculation of the capacity reduction factors considering thermal conditions and cable laying according to DIN VDE 0276-1000.

CERBERUS 7.0 fully compatible with previous versions. User data and settings from existing installations may be imported during the installation.

