You asked, We delivered in PSS®E 32

Yachi Lin
Staff Business Development Manager
yachi.lin@siemens.com

Responding to customer needs for integrated transmission and generation planning, PSS®E 32 has been released with a superb set of new features and completely overhauled documentation.

New features include improved contingency analysis and substation reliability assessment, along with enhanced short circuit functions. There are additions to power flow modeling, such as switches and breakers, along with templates for adding repetitive diagram assemblies.

Generic wind models with generator, electrical, and aerodynamic controls are now standard PSS®E dynamic models. Results from dynamic analysis can now be rapidly displayed on customer-designed plots. Experienced users of PSS®E will welcome a command line integrated into the PSS®E graphical interface, permitting the many PSS®E API routines and line mode commands to be run interactively without leaving the main program window.

In response to the industry’s need to analyze NERC Category C contingencies, we have developed the ability to analyze N-1-1; PSS®E 32 includes a Python module with this functionality. The powerful PSS®E engines will continue to be further enhanced as the reliability standards evolve.

With PSS®E 32, Siemens PTI continues to evolve with the advancing power industry and remains the powerhouse for comprehensive power system planning.

Figure 1 - Contingency Solution
Figure 2 - Corrective Action Solution