What’s new in PSS®E 34.3

PSS®E 34.3 is full of many important enhancements, such as the ability to access the LineProp functionality directly from the PSS®E GUI to update line properties within the spreadsheet view.

The release also includes updates to Node-Breaker modeling to add support for network components in substations i.e. induction machines, two terminal DC lines, two terminal VSC lines, FACTS devices, multi-terminal DC lines, and switched shunts.

Users can now export plots directly to Excel from the PSS®E GUI, functionality which can also be scripted and they can also create X-Y plots directly from the plotting package.

PSS®E 34.3 will help solve difficult cases using the new “Robust Solution” tab added to Loadflow Solutions.

It now includes updated activity IECS to IEC 60909-0, 2016-01 Edition 2.0 standard requirements including:

- Fault current contributions from wind power station units with asynchronous generator
- Wind Power station units with double fed asynchronous generator
- Power station units with full size converter.

IEEE 421.5 dynamic models additions include AC7C, DC4C, and ST6C. Updated uniform messaging has been applied to all standard PSS®E dynamic models - messages may be retrieved using APIs or sent directly to Excel for post-processing.

For further information on these and many other product enhancements, visit the PSS®E website at www.siemens.com/pss-e.