PSS®E Update - WECC Modeling and Validation Subcommittee Meeting Jan. 28-30, 2026

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PSS®E – Recent and upcoming releases

End of Life

- PSS®E 35.6.4   November 2024 (end of life)
- PSS®E 34.9.6   August 2023 (end of life)
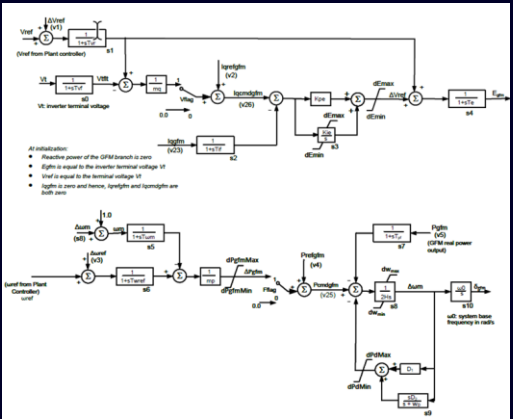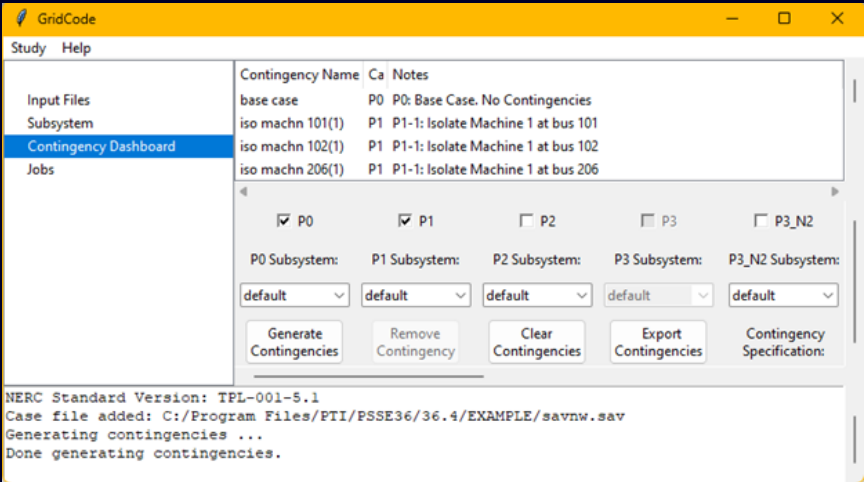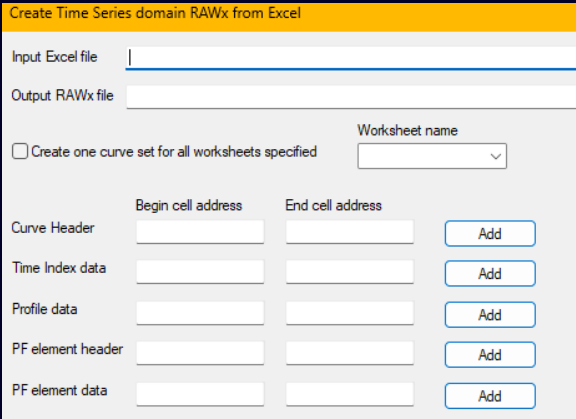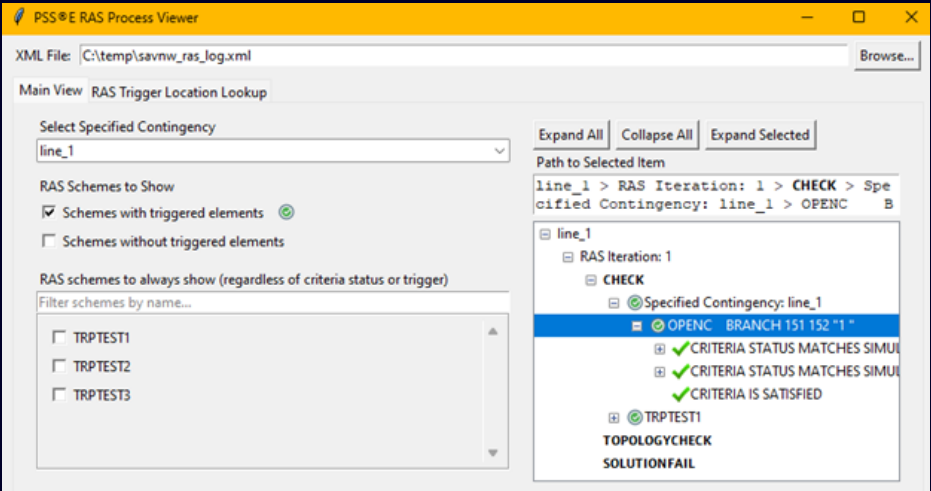
Current release

- PSS®E 36.4   November 2025

Upcoming Releases

- PSS®E 36.5   February 2026
- PSS®E 37.0   July 2026 (planned as early as)

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PSS®E 36.4

- **RAS Viewer**
  Remedial Action Schemes with an intuitive workflow representation for improved user experience.

- **Automated Grid Code Assessment Module**
  Now available: A turnkey solution for NERC TPL-001 analysis—automatically create contingencies and post-process results with ease.

- **Time Series Power Flow and Short Circuit Enhancements**
  Get started with the modules quickly with ready-to-use example files and perform short-circuit calculations for renewables with extended modeling options.

- **Dynamic Models Library Updates**
  Hybrid Grid Forming IBR models (REGFMC1 & REPCGFMC1).

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PSS®E Enhancements

Power Flow Engine:

- Modeling of multi-terminal hybrid HVDC systems

Dynamics Engine:

- Additional new APIs for use in Version Independent (VINDP) User Defined Models
- V37 Support for applying component models on "LoadType" basis – currently in tests

Dynamic Models:

- VHVDC2 with changes as discussed on August 13, 2025 – under testing
- Synchronous Generator model GENQEJ
- Large Load Model (PERCxx1) – xx could be BL/OW/ZN/AR/AL – in 36.5

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Thank you!

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