

# PSS®E Update - WECC Modeling and Validation Subcommittee Meeting Sep. 10- 12, 2025

## 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 36.3.2 August 2025

### Upcoming Releases

- PSS®E 36.4 (Planned October release)
- PSS®E 37.0.0 TBA

## 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

### **Dynamic Models:**

- VHVDC2 with changes as discussed on August 13, 2025
- Hybrid Grid forming (GFM+GFL) generator and plant controller models REGFM\_C1 & REPCGFM\_C1
- Synchronous Generator model GENQEJ
- EV Charger Model

Thank you!

Jay Senthil  
+1 518-395-5013

E-mail:

[jayapalan.Senthil@siemens.com](mailto:jayapalan.Senthil@siemens.com)