




2021 European and United States PSS® User Group Meeting

May-July Virtual Series: Guidebook and Agenda



Join the PSS® Community for deep-dive presentations, demonstrations, user presentation, networking, and live Q&A.

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2021 Virtual U.S. and European PSS® Session Schedule: At a glance

	Date	First Time(s)	Second Time(s)	Session	Register for the session
Color Key: PSS®E Sessions PSS®ODMS / PSS®MOD Sessions PSS®SINCAL U.S. Sessions	Monday, May 24	7:00 a.m. – 9:00 a.m. EST (1:00 p.m. – 3:00 p.m. CET).	2:00 p.m. – 4:00 p.m. EST (8:00 p.m. – 10:00 p.m. CET)	PSS®E Session 1: Core Product Enhancements	Register Now
	Wed., May 26	7:00 a.m. – 9:00 a.m. EST (1:00 p.m. – 3:00 p.m. CET).	2:00 p.m. – 4:00 p.m. EST (8:00 p.m. – 10:00 p.m. CET)	PSS®E Session 2: Renewable Modeling in PSS®E	Register Now
	Friday, May 28	9:00 a.m. – 11:00 a.m. EST (3:00 p.m. – 5:00 p.m. CET)	No Second Time	PSS®ODMS Latest Releases and Enhancements	Register Now
	Monday, June 7	7:00 a.m. – 9:00 a.m. EST (1:00 p.m. – 3:00 p.m. CET).	2:00 p.m. – 4:00 p.m. EST (8:00 p.m. – 10:00 p.m. CET)	★ PSS®E Session 3: Dynamic Use Cases with IBRs Customer presentation: 2 pm: Composite Load Model - Kannan Sreenivasachar, ISO-New England – 7 am TBA	Register Now
	Wed., June 9	7:00 a.m. – 9:00 a.m. EST (1:00 p.m. – 3:00 p.m. CET).	2:00 p.m. – 4:00 p.m. EST (8:00 p.m. – 10:00 p.m. CET)	PSS®E Session 4: Contingency Analysis	Register Now
	Friday, June 11	9:00 a.m. – 11:00 a.m. EST (3:00 p.m. – 5:00 p.m. CET)	No Second Time	PSS® Network Model Management	Register Now
	Monday, June 21	7:00 a.m. – 9:00 a.m. EST (1:00 p.m. – 3:00 p.m. CET).	2:00 p.m. – 4:00 p.m. EST (8:00 p.m. – 10:00 p.m. CET)	★ PSS®E Session 5: Automation and Scripting Customer presentation: PSS®E Transient Stability Data Review: ISO-NE Approach to Benchmarking the Transient Stability Model	Register Now
	Wed, June 23	No Second Time	2:00 p.m. – 4:00 p.m. EST (8:00 p.m. – 10:00 p.m. CET)	PSS®E Session 6: Automated Grid Code Assessment Add-on Module	Register Now
	Friday, June 25	9:00 a.m. – 11:00 a.m. EST (3:00 p.m. – 5:00 p.m. CET)	No Second Time	PSS®ODMS User Forum	Register Now
	Wed., June 30	9:00 a.m. – 11:00 a.m. EST (3:00 p.m. – 5:00 p.m. CET)	No Second Time	PSS®E: User Forum	Register Now
	Thursday, July 1	9:00 a.m. – 11:00 a.m. EST (3:00 p.m. – 5:00 p.m. CET)	No Second Time	PSS®MOD User Form	Register Now
	Tuesday, July 6	1:00 p.m. – 3:00 p.m. EST (7:00 p.m. – 9:00 p.m. CET)	No Second Time	PSS®SINCAL Session 1: Latest Releases and Enhancements	Register Now
	Thursday, July 8	1:00 p.m. – 3:00 p.m. EST (7:00 p.m. – 9:00 p.m. CET)	No Second Time	PSS®SINCAL Session 2: Distributed energy resources (DER) integration in grid planning and simulation	Register Now

Week 1: Sessions and Abstracts, pg 1

Monday, May 24 @ 7:00 am – 9:00 am/ 2:00pm – 4:00pm ET

PSS®E Session 1: Core Product Enhancements

Abstract

The session will provide the highlights of the most recent developments in PSS®E Core Functionality including in-depth looks at the updated PSSPLOT for visualizing dynamic results, RAWX (extensible raw format), and Slider updates.

Speakers

- Amar Patel,, PSS®E Product Manager
- Joseph Hood, Senior Engineer
- Gregory Mahlum, Senior Software Engineer
- Neeta Patwardhan, Software Developer

> [Click here to register for this session](#)

Wednesday, May 26 @ 7:00 am – 9:00 am/ 2:00pm – 4:00pm ET

PSS®E Session 2: Renewable Modeling in PSS®E

Abstract

In this session we will explore the uncertainties the industry has regarding inverter-based resources (IBRs) and the solutions PSS®E has for handling IBRs including in-depth look at voltage droop, fault contributions and dynamic models

Speakers

- Amar Patel,, PSS®E Product Manager
- Joseph Hood, Senior Engineer
- Gregory Mahlum, Senior Software Engineer
- Krishnat Patil, Senior Engineer
- Jay Senthil, Senior Engineer

> [Click here to register for this session](#)

Week 1: Sessions and Abstracts, pg 2

Friday, May 28 @ 9:00 am – 11:00 am ET

PSS®ODMS Latest Releases and Enhancements

Abstract

In this sessions we will guide through the changes and improvements of the past releases. We will cover the changes to the program, database as well as the analysis engine. In the second part of the session, we will deep dive into one specific feature of the latest release, the new template option

Speakers

- Martin Mangold, PSS® NMM Product Manager
- Quoc Nguyen, Senior Staff Software Engineer
- Connie Li Yuting, Software Developer

[> Click here to register for this session](#)

Week 2: Sessions and Abstracts, page 1

Monday, June 7 @ 7:00 am – 9:00 am/ 2:00pm – 4:00pm ET

PSS®E Session 3: Dynamic Use Cases with IBRs

Abstract

In this session, we will demonstrate various dynamic use cases involving IBRs and an in-depth look at the playback model, battery model and momentarily cessation. Additionally, don't miss out as PSS®E users share their experiences on the following use cases:

- 7 am - TBA
- 2 pm - Composite Load Model - Kannan Sreenivasachar, ISO-New England

Speakers

- Amar Patel, PSS®E Product Manager
- Jay Senthill, Senior Engineer
- Ogushan Ustundog, Software Developer

[> Click here to register for this session](#)

Wednesday, June 9 @ 7:00 am – 9:00 am/ 2:00pm – 4:00pm ET

PSS®E Session 4: Contingency Analysis

Abstract

This session will provide the latest advancements in PSS®E contingency analysis including in-depth looks at ACCC with remedial actions (AUX RAS), PSCOPF, DC contingency via the Advanced Linear Analysis module and a preview of the RAS debugger.

Speakers

- Amar Patel,, PSS®E Product Manager
- Joseph Hood, Senior Engineer
- Feng Dong, Senior Engineer
- Shou Ming Shang, Senior Engineer
- Miao Fan, Senior Software Engineer

[> Click here to register for this session](#)

Week 2: Sessions and Abstracts, page 2

Friday, June 11 @ 9:00 am – 11:00 am ET

PSS® Network Model Management

Abstract

This session will focus on topics being discussed with customers all around the world. We are going to share some of the challenges and ideas from Siemens on how to address those (e.g. data exchange between TSO and DSOs).

Speakers

- Martin Mangold, PSS® NMM Product Manager
- Olav Alstad, Engineer

[> Click here to register for this session](#)

Week 4: Sessions and Abstracts, pg 1

Monday, June 21 @ 7:00 am – 9:00 am/ 2:00pm – 4:00pm ET

PSS®E Session 5: Automation and Scripting

Abstract

Join us to learn about best practices for PSS®E automation and scripting including commonly asked questions.

In addition, listen to Steven Judd, Supervisor – Special Studies and Interregional Planning from ISO-New England. Mr. Judd is a PSS®E user that has taken advantage of automation and scripting capabilities in PSS®E. His presentation, "*PSS®E Transient Stability Data Review: ISO-NE Approach to Benchmarking the Transient Stability Model*" will discuss how as system transient stability models become more complex, it is critical to have a well-documented and thorough review of the input data and model response, both individually and as part of the entire system. This is a “don’t miss” presentation!

Speakers

- Amar Patel, PSS®E Product Manager
- Joseph Hood, Senior Engineer
- Gregory Mahlum, Senior SW Engineer
- Cameron Schermerhorn, Senior Engineer
- Steven Judd, Supervisor, ISO-NE

[> Click here to register for this session](#)

Wednesday, June 23 @ 2:00pm – 4:00pm ET

PSS®E Session 6: Automated Grid Code Assessment

Abstract

This session will show the new Automated Grid Code Assessment Add-on Module. This module automates the entire Grid Code (e.g., NERC TPL) assessment requirements. After setting up the tool for your specific cases, requirements and methodology, Grid Code compliance testing is almost a one click process with minimal input process.

Speakers

- Amar Patel, PSS®E Product Manager
- Joseph Hood, Senior Engineer

[> Click here to register for this session](#)

Week 4: Sessions and Abstracts, pg 2

Friday, Jun 25 @ 9:00 am – 11:00 am ET

PSS®ODMS User Forum

Abstract

Dedicated to all PSS®ODMS users, this session will be very interactive. We will start with some deep dives on topics of the last year to kick off any discussion around topics and feature requirements which are foreseen by the customer group. To keep this as informative as possible, please bring your topics and requirements to this session or hand them in before.

Speakers

- Martin Mangold, PSS® NMM Product Manager
- Olav Alstad, Senior Engineer
- Sindre Hunn, Grid Simulation Software Engineer
- Sam Phillipson, Solution Architect

[> Click here to register for this session](#)

Week 5: Sessions and Abstracts

Wednesday, June 30 @ 9:00 am – 11:00 am ET

PSS®E User Forum

Abstract

This interactive session will open discussions about ideas, processes and the future development of PSS®E. Come join this great opportunity to talk to the product team about wishes, questions or practical concerns.

Speakers

- PSS®E Team

[> Click here to register for this session](#)

Thursday, July 1 @ 9:00 am – 11:00 am ET

PSS®MOD User Forum

Abstract

This interactive session provide an opportunity to discuss ideas, process and future developments of PSS®MOD and supportive tools. Customer presentations are highly encouraged. The agenda will be derived from the regular PSS®MOD community meetings

Speakers

- Martin Mangold, PSS® NMM Product Manager
- Mike Ward, Senior Staff Software Developer
- Ravi Mantha, Senior Staff Software Engineer
- Aaron Schlanser, Software Engineer

[> Click here to register for this session](#)

Week 6: Sessions and Abstracts

Tuesday, July 6 @ 1:00 pm – 3:00 pm ET

PSS®SINCAL Session 1: Latest Releases and Enhancements

Abstract

During this session, we will guide users through the changes and improvements of the past two releases with focus on U.S. market. We will cover the highlights of the past releases including a live demonstration. We will also introduce the customer idea portal as an additional way to submit your ideas and wishes to the product management team. At the end of the session, there will be time for questions and answers.

Speakers

- Mathias Ramold, PSS®SINCAL Product Manager
- Anatoli Wellhoefer, Product Manager

[> Click here to register for this session](#)

Thursday, July 8 @ 1:00 pm – 3:00 pm ET

PSS®SINCAL Session 2: Distributed energy resources (DER) integration in grid planning and simulation

Abstract

This session is dedicated to Distributed energy resources (DER) integration mainly driven by inverter-based resources (IBRs). The session is divided into three sections:

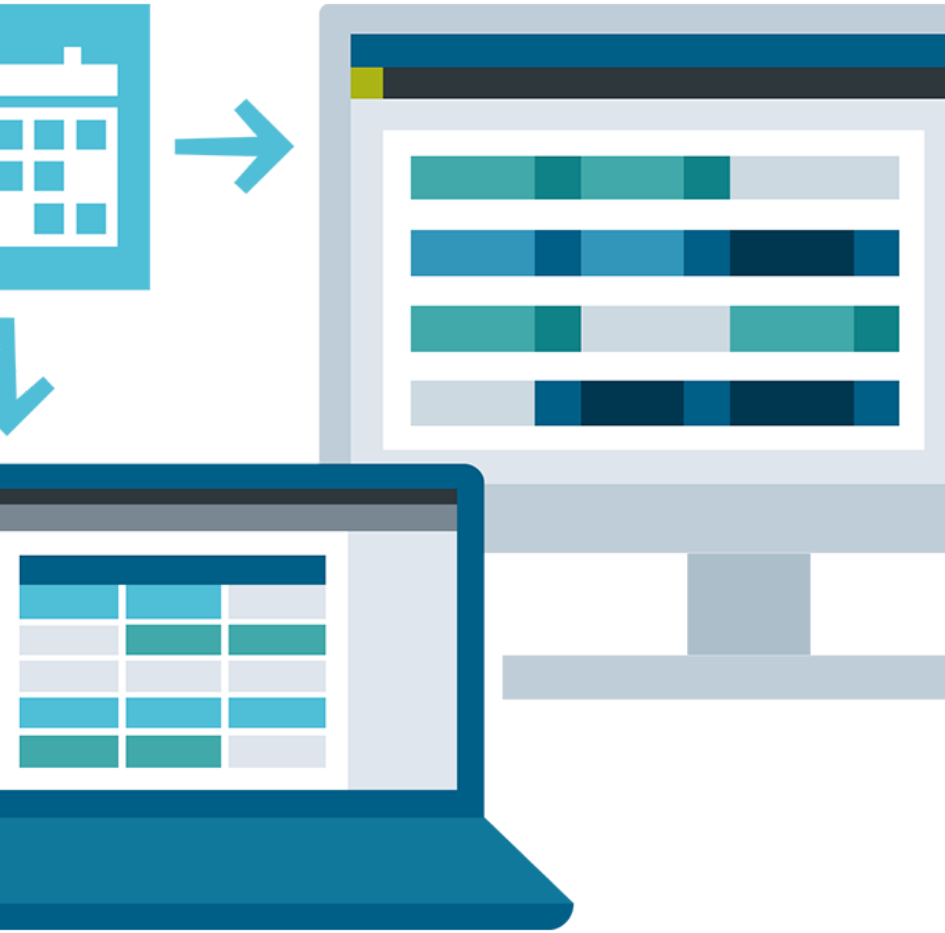
- DER integration with focus of Time Series Data Interface (TSDI)
- DER integration with focus on protection and dynamic voltage support
- Superimposed DER control for distribution systems in time series (quasi dynamic) and full dynamic (RMS) simulation

Speakers

- Kaspar Hitzelberger, Technical Product Manager
- Christian Grosskinsky, Technical Product Manager

[> Click here to register for this session](#)

Have a question? Contact us



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