Oslo, Norway | 3 Jun 2025 – 5 Jun 2025

2025 Siemens European Grid Planning **User Group Meeting**

Get Ready for our MOST EXCITING European Grid Planning User Group Meeting ever! Mark your calendar and let's shape the Future of Energy together.

Why attend?

Whether you are a PSS® novice or an experienced user, the UGM will provide you with in-depth knowledge to enhance your everyday work. Over to the course of the event, you will have the opportunity :

- Learn about new & upcoming product enhancements

- Join into product deep-dives and complimentary workshops covering the most relevant topics

- Discuss your questions and product requirements directly with the product engineers

- Discover best practices from fellow product users

- Network with peers during two complimentary networking events

Attendee Feedback

"I enjoyed meeting **other users and exchanging knowledge**"

"It was a great platform to **learn about the latest software improvements**, and see how PSS®E is solving user challenges"

"The whole conference was **relevant and informative**"

> Registration Form

Venue: Radisson Blu Plaza Hotel, Oslo

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Agenda

Join us for several interactive and engaging sessions. Open discussions are encouraged to facilitate best practice sharing and transparency.

June 2	18:00 – 20:00	Welcome Reception and Registration

June 3	08:00 – 09:00	Breakfast and Networking
	09:00 – 10:00	Welcome to the European Grid Planning User Group Meeting
	10:30 – 17:00	PSS®E Core Enhancements
	10:30 – 17:00	PSS®SINCAL Track
	17:30 – 20:30	Oslo Fjord Tour

June 4	08:00 – 09:00	Breakfast and Networking
	09:00 – 09:30	Grid Planning AI Assistant
	09:30 – 10:00	Cloud Computing for Grid Planning
	10:30 – 17:00	PSS®E Renewable Modeling Workshop
	10:30 – 17:00	PSS®ODMS Track
	10:30 – 17:00	PSS®SINCAL Track

June 5	08:00 – 09:00	Breakfast and Networking
	09:00 – 17:00	PSS®E "How to" Series
	09:00 – 14:30	PSS®ODMS Track
	09:00 – 14:30	PSS®SINCAL Track & Gridscale X LV Insights

OPTIONAL: Paid PSS®E Training		
June 3	June 4	**Enhance Your PSS®E Skills at Our Exclusive Training** Earn Continuing Education Units and Professional Development Hours for a special price of €790 during the User Group Meeting! See the agenda and register [here].

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Time	Abstract	Speakers
08:00	**Registration, Breakfast, and Networking** Enjoy a "welcome" breakfast, then stop at the reg. desk for your badge. Get a chance to roam around with a cup of coffee and connect with your fellow users before starting the event.	
09:00	**Welcome and Introduction to Siemens European Grid Planning User Group Meeting** Welcome! Learn what is in store for the next three days and meet the Siemens Grid Planning team.	Dominic Kohler, Head of Product Mgmt. Grid Planning
10:00	**Morning Coffee Break –** check back at registration, our giveaways should be available.	

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June 3 | 08:00 – 17:00
Day 1 PSS®E

Time	Abstract	Speakers
08:00	**Breakfast and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
09:00	**Welcome and Introduction to Siemens Europe Grid Planning User Group Meeting** Welcome! Learn what is in store for the next three days and meet the Siemens Grid Planning team.	Dominic Kohler, Head of Product Mgmt. Grid Planning
10:00	**Morning Coffee Break**	
10:30	**PSS®E Latest Enhancements (Cont'd)** Showcases key updates introduced in the latest version of PSS®E. Discover improvements in RAWX, version independent user written dynamic models, Study Project, Power flow, and version migration tips.	Amar Patel, Product Manager Jay Senthil, Senior Engineer Feng Dong, Senior Engineer Krishnat Patil, Senior Engineer Greg Mahlum, Senior Engineer Cameron Schermerhorn, Senior Engineer
12:00	**Lunch**	
13:00	**PSS®E Latest Enhancements (Cont'd)**	(see above)
15:00	**Afternoon Coffee Break**	
15:30	**PSS®E Latest Enhancements (Cont'd)**	(see above)
17:00	**End of Day 1**	

Special Event		
17:30	20:30	**Evening Reception** Enjoy a relaxing night while networking with the PSS® Community. Dinner will be provided.

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June 4 | 08:00 – 17:00
Day 2 PSS®E

Time	Abstract	Speakers
08:00	**Breakfast and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
09:00	**Grid Planning AI Assistant** Get a sneak peak into the Siemens Lab - learn and contribute to the exciting things the Siemens team is working on.	Pascal Wiest, Product Manager *Joint session*
09:30	**Cloud Computing – Hypothetical Future for Siemens Products** Cloud, Edge, Serverless or Container are buzzwords of modern software development. This session shows potential ways forward for Siemens products	Maiko Friedrich, Product Manager *Joint session*
10:00	**Morning Coffee Break**	
10:30	**PSS®E Groom the Backlog** This will be an interactive session where users will participate in determining as a group the priority order of several backlog items	Amar Patel, Product Manager Jay Senthil, Senior Engineer Feng Dong, Senior Engineer Krishnat Patil, Senior Engineer Greg Mahlum, Senior Engineer Cameron Schermerhorn, Senior Engineer
11:30	**PSS®E Renewables Workshop** During this session, we will deep dive into all things PSS®E renewables modeling including voltage droop, harmonics, time-series power flow and dynamics.	(see above)
12:00	**Lunch**	
13:00	**PSS®E Renewables Workshop (Cont'd)**	(see above)
15:00	**Afternoon Coffee Break**	
15:30	**PSS®E Renewables Workshop (Cont'd)**	(see above)
17:00	**End of Day 2**	

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June 5 | 08:00 – 17:00
Day 3 PSS®E

Time	Abstract	Speakers
08:00	**Breakfast and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
09:00	**PSS®E and Network Optimization** Swissgrid has started to develop automated network optimization tools in Python built around PSS®E as a power flow engine and using Gurobi as a linear optimization engine. The first tool is for near real-time capacity maximization and depends on quickly determining power transfer distribution factors (PTDFs) via multiple contingency analysis runs. The PTDFs are then used to build an optimization problem that safely maximizes the capacity available for cross border exchanges. The second tool is for remedial action optimization and relies on extracting network model and contingency results data via the Powerflow Customisation Interface (PCI) in order to build a linearized approximation of the network to be optimized. In order to reduce the run time, data is only extracted from critical contingencies. Additionally the linearization error can be reduced by iteratively tightening constraints so that the linear approximation comes closer to the nonlinear solution.	Conor O Malley Swissgrid
09:30	**"How to" Python** In this interactive day, we will have 4 "How-to" sessions to address the most common questions and challenges users encounter based on insights from support questions and discussions. Users will gain a deeper understanding of common user issues and discover underutilized features that can enhance efficiency and problem-solving.	Amar Patel, Product Manager Jay Senthil, Senior Engineer Feng Dong, Senior Engineer Krishnat Patil, Senior Engineer Greg Mahlum, Senior Engineer Cameron Schermerhorn, Senior Engineer
10:00	**Morning Coffee Break**	
10:30	**"How to" Python (cont'd)**	(see above)
11:15	**"How to" GUI**	(see above)
12:00	**Lunch**	
13:00	**"How to" GUI (cont'd)**	(see above)
13:30	**"How to" Powerflow**	(see above)
15:00	**Afternoon Coffee Break**	
15:30	**"How to" Dynamics**	(see above)
17:00	**End of Day 3**	

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Time	Abstract	Speakers
08:00	**Breakfast and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
09:00	**Grid Planning AI Assistant** Get a sneak peak into the Siemens Lab - learn and contribute to the exciting things the Siemens team is working on.	Pascal Wiest, Product Manager *Joint session*
09:30	**Cloud Computing – Hypothetical Future for Siemens Products** Cloud, Edge, Serverless or Container are buzzwords of modern software development. This session shows potential ways forward for Siemens products	Maiko Friedrich, Product Manager *Joint session*
10:00	**Morning Coffee Break**	
10:30	**Use Case Sharing and Learning Session** In this session, every utility volunteering will share their approach to the PSS®ODMS project in couple of slides. This time we focus on the journey from the model management idea, over finding ODMS as a product to a running solution	Everyone
12:00	**Lunch**	
13:00	**PSS®ODMS 14 – What's New** Brief overview and live demo of new features in PSS®ODMS 14.0	Sam Phillipson, Product Owner
14:00	**Automated Case Creation Module – Updates** Brief overview and live demo of new features in PSS®ODMS 14.0	Sam Phillipson, Product Owner
15:00	**Afternoon Coffee Break**	
15:30	**Network Codes (nc:) Profiles Extensions** The Network Code extensions, based on CGMES and the Coordinated Security Analysis data exchange specification, is considered as the next step for the CIM journey. In this session we will showcase relevant topics and functionality in PSS®ODMS.	Sindre Hunn, Solution Engineer
16:00	**Gridscale X Network Model Manager (NMM) and Integration with PSS®ODMS** This session will cover: The scope of Gridscale X Network Model Manager (NMM) v1.2, detailing its features and intended use. highlighting new features like Project Management, Workflow Management and Multi-factor Authentication with External Login Providers.	Martin Mangold, Product Manager
17:00	**End of Day 3**	

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June 5 | 08:00 – 16:00
PSS®ODMS

Time	Abstract	Speakers
08:00	**Breakfast and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
09:00	**User Presentation – How to generate Diagrams easy to understand** This presentation is focusing on some efforts from Swissgrid to make diagrams easily understandable for non-technical people. It combines geolocation with schematic elements and therefore helps persons to navigate through the network model. Diren will share the idea, process and successes of this project.	Diren Toprak Swissgrid AG
10:00	**Morning Coffee Break**	
10:30	**Grid Model Builder for Distribution Model Creation** This session will showcase how Grid Model Builder leverages various source data to create a distribution network model ready for simulation/analytic purposes	Damiano Toffanin Grid Model Builder Product Manager
11:00	**PSS®ODMS and NMM Roadmap** Our product manager and product owners will share what is upcoming in PSS®ODMS and NMM later this year	Martin Mangold, Product Manager
12:00	**Lunch**	
13:00	**Interactive User Workshop and Q&A**	All
15:00	**Afternoon Coffee Break**	
15:30	**Interactive User Workshop and Q&A (cont'd)**	All
16:00	**End of Day 4**	

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Time	Abstract	Speakers
08:00	**Registration, Breakfast, and Networking** Enjoy a "welcome" breakfast, then stop at the reg. desk for your badge. Get a chance to roam around with a cup of coffee and connect with your fellow users before starting the event.	
09:00	**Welcome and Introduction to Siemens European Grid Planning User Group Meeting** Welcome! Learn what is in store for the next three days and meet the Siemens Grid Planning team.	Dominic Kohler, *Head of Product Mgmt. Grid Planning*
10:00	**Morning Coffee Break**	
10:30	**Welcome & What's New in PSS®SINCAL:** **Versions 21.5, 21.0, and 20.5**	Pascal Wiest *Product Manager* Domenico Tomaselli, *Product Owner*
12:00	**Lunch**	
13:00	**Continue What's New in PSS®SINCAL:** **Versions 21.5, 21.0, and 20.5**	Pascal Wiest, *Product Manager* Domenico Tomaselli, *Product Owner*
14:00	**Afternoon Coffee Break**	
14:30	**Hosting Capacity Analysis in PSS®SINCAL** Exploring the capabilities of the PSS®SINCAL hosting capacity analysis (ICA) module for single or multiple operating points and time series data and its API functions.	Ata Khavari *PSS®SINCAL Technical Sales*
15:00	**From Code to Grid: Python-Based Automation for Network Development.**	Gunstein Augland, Andreas Killingberg *Lnett*
15:30	**Preview: Planning Extension & Projects** Demonstration of a prototype in PSS®SINCAL for the creation, management and flexible comination of planning extensions.	Maiko Friedrich, *Product Manager*
16:00	**User topics to be discussed in more details. Split into groups to enable interactive discussions between users and product team members**	All and PSS®SINCAL Team
17:00	**End of Day 1**	

Special Event		
17:30	20:30	**Evening Reception** Enjoy a relaxing night while networking with the PSS® Community. Dinner will be provided.

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June 4 | 08:00 – 17:00
Day 2: PSS®SINCAL

Time	Abstract	Speakers
08:00	**Breakfast and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
09:00	**Grid Planning AI Assistant** Get a sneak peak into the Siemens Lab - learn and contribute to the exciting things the Siemens team is working on.	Pascal Wiest, *Product Manager*
09:30	**Cloud Computing – Hypothetical Future for Siemens Products** Cloud, Edge, Serverless or Container are buzzwords of modern software development. This session shows potential ways forward for Siemens products	Maiko Friedrich, Product Manager
10:00	**Morning Coffee Break**	
10:30	**Automatic network model import from GIS to PSS®SINCAL** Automatic creation of a calculation ready model	Domenico Tomaselli, *Product Owner*
11:00	**Gridscale X LV Insight Use cases and model delivery to PSS®SINCAL** Product vision and first high value use cases: Low-voltage connection request, risk-based investment prioritization, easier and faster integration of LV/MV grid models	Damiano Toffanin, *Grid Model Builder Product Manager*
12:00	**Lunch**	
13:00	**Interactive Session:** **Your CIM based model import/export workflows**	Domenico Tomaselli, *Product Owner*
13:30	**Automatic model extension and Load modelling** Automatic extensions of network model with load modelling and assignment functions in PSS®SINCAL	Domenico Tomaselli, *Product Owner*
14:00	**Afternoon Break**	
14:30	**New feature feeder determination and evaluation** Presentation and Demonstration on how feeder evaluation can support model creation, validation and grid planning	Maiko Friedrich, *Product Manager*
15:30	**Dynamics capabilities in PSS®SINCAL** Introduction into Dynamic capabilities in PSS®SINCAL and Demonstration of the new feature Fault Ride-Through	Pascal Wiest, *Product Manager*
17:00	**End of Day 2**	

Joint session

Joint session

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June 5 | 08:00 – 12:00
Day 3: PSS®SINCAL & Gridscale X Protection Data Manager

Time	Abstract	Speakers
08:00	**Breakfast and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
09:00	**Enhancement in the protection functions in PSS®SINCAL** In this session, we will have a look at the new developments and extensions of protection functionality in versions 21.5, 21.0, and 20.5.	Maiko Friedrich, *Product Manager*
10:00	**Morning Coffee Break**	
10:30	**Gridscale X™ Protection Data Manager** Demonstration of the protection data integration workflow with PSS®SINCAL	Ata Khavari, *PSS®SINCAL Technical Sales*
11:00	**An Optimal Phase Overcurrent Protection Based on Synchronous Generator Characteristic Short-Circuit Decrement Curve in Industrial Plants and Micro Grids**	Orhan Zengin, *Siemens PTI Turkey*
11:30	**Upcoming Features for Protection in PSS®SINCAL**	Christian Grosskinsky (virtual), *Prodcut Owner*
12:00	**Lunch and End of Day 3**	

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Have a question?

Visit the Grid Planning User Group Meeting website for more information:
www.siemens.com/pss-ugm

Questions or Comments? Email us!
Cheryl.Rocheleau@siemens.com

Hotel Assistance? Contact Lynn Tyler-Moore
lynn.tylermoore@siemens.com

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