

India & Middle East PSS® User Group Meeting Agenda Guidebook

View the schedule, detailed agenda, and register for the sessions you wish to attend!
siemens.com/pss-ugm





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

Table of Contents (click the topics links to learn more)

PG 3	Virtual Series Schedule At a Glance
PG 4	Meet the Siemens Team
PG 5	Meet the Siemens PSS® Regional Sales Lead
PG 6	Meet the PSS® User Presenters
PG 7-8	Detailed Agenda: PSS®E Session 1
PG 9-10	Detailed Agenda: PSS®E Session 2
PG 11-12	Detailed Agenda: PSS® Network Model Management Session
PG 13-14	Detailed Agenda: PSS®SINCAL Session 1
PG 15-16	Detailed Agenda: PSS®SINCAL Session 2

2022 Virtual India & Middle East PSS® User Group Meeting

Virtual Series Schedule At a Glance

	Date	Time	Sessions (With Breaks)	Learn more and register
Week 1	Tuesday, 11th January 2022	11:00 AM – 2:00 PM (IST) 09:30 AM – 12:30 PM (GST) 8:30 AM – 11:30 AM (AST)	PSS®E Session 1 <ul style="list-style-type: none"> PSS®E Core Enhancements  User presentation: Simulation Studies in Indian Power Systems- Pradeep Sanodiya at POSOCO	→ View detailed agenda
	Thursday, 13th January 2022	11:00 AM – 2:30 PM (IST) 09:30 AM – 1:00 PM (GST) 8:30 AM – 12:00 PM (AST)	PSS®E Session 2 <ul style="list-style-type: none"> PSS®E Renewables Modeling and Upcoming Modules  User presentation: Large scale Integration of Renewables in Indian Grid: Challenges and Opportunities- Ankush Patel and Ajay Kumar at PGCIL	→ Register
	Wednesday, 19th January 2022	11:00 AM – 2:00 PM (IST) 09:30 AM – 12:30 PM (GST) 8:30 AM – 10:30 AM (AST)	PSS® Network Model Management Session <ul style="list-style-type: none"> Basics of Network Model Management, what's new in the PSS®ODMS, and customer examples from around the world. 	→ View detailed agenda → Register
Week 2	Tuesday, 18th January 2022	11:00 AM – 2:00 PM (IST) 09:30 AM – 12:30 PM (GST) 8:30 AM – 11:30 AM (AST)	PSS®SINCAL Session 1 <ul style="list-style-type: none"> Introduction and what's new in the PSS®SINCAL (including module enhancements)  User presentation: MEDC Detailed Power System Modelling, System Integration & Studies – Base for Smart Grid Implementation-Sheharyar Khan at MEDC, Aisha Saif Al Muqarshi at MEDC, and Muntaser Al Hasani at MEDC	→ View detailed agenda → Register
	Thursday, 20th January 2022	11:00 AM – 2:00 PM (IST) 09:30 AM – 12:30 PM (GST) 8:30 AM – 11:30 AM (AST)	PSS®SINCAL Session 2 <ul style="list-style-type: none"> New Module Introduction for TSDI and TDA What's new in the program interface, and dynamic voltage support  User presentation: PSS SINCAL- Scientific Tool for Technical Recommendations Validation, Use Cases, Interface Capabilities, User Specific Requirements- Sajid Ahmed Mohamed at ADDC	

2022 Virtual India & Middle East PSS® User Group Meeting

Meet the Siemens PSS® Team



Amar Patel
PSS®E Product
Manager



Feng Dong
Senior Engineer



Joe Hood
Senior Engineer



Greg Mahlum
Senior Engineer



Jay Senthil
Senior Engineer



Krishnat Patil
Senior Engineer



Martin Mangold
PSS®ODMS/PSS®
MOD Product
Manager



Olav Alstad
Grid Simulation
Engineer



Mathias Ramold
PSS®SINCAL
Product Manager



**Christian
Grosskinsky**
PSS®SINCAL
Product Owner



Kaspar Hitzelberger
PSS®SINCAL
Product Owner



Anatoli Wellhöfer
PSS®SINCAL
Product Owner

Meet the Siemens PSS® Regional Contacts



Dinesh Pawar
PSS® Sales
Leader, India
Email:dinesh.pawar@siemens.com



Hitesh Chauhan
PSS® Sales Support,
India
Email:hitesh,Chauhan@siemens.com



Vikas Chaturvedi
PSS® Technical
Support, India
Email:vikas.Chaturvedi@siemens.com



Fateh Khan
PSS® Sales Leader,
UAE
Email:fateh.khan@siemens.com



Mahmood Samaan
PSS® Sales Leader,
Saudi Arabia
Email:mahmood.samaan@siemens.com



Farhan Ali
PSS® Team Leader,
Pakistan
Email:farhan.ali@siemens.com

Meet the PSS® User Presenters!



PSS®E Session 1

Pradeep Kumar Sanodiya
System Study Manager at
POSOCO



PSS®E Session 2

Ankush Patel
Power Study Manager at
PGCIL



PSS®E Session 2

Ajay Kumar
Power Study Engineer at
PGCIL



PSS®SINCAL Session 1

Sheharyar Khan
Senior Planning Engineer at
MEDC



PSS®SINCAL Session 1

Aisha Muqarshi
Head of Planning at
MEDC



PSS®SINCAL Session 2






Sajid Ahmed Mohamed
Senior Electricity Studies &
Protection Engineer at ADDC

Week 1: PSS®E Session 1

Tuesday, 11th January 2022

PSS®E Sessions 1 & 2

Register Now



Start time	End time	Topic and Abstracts	Speakers
11:00 AM (IST) 9:30 AM (GST) 8:30 AM (AST)	11:10 AM (IST) 9:40 AM (GST) 8:40 AM (AST)	Welcome and PSS®E Team Introduction	
11:10 AM (IST)	12:20 PM (IST)	PSS®E Core Enhancements During this session, you will learn about the highlights of the most recent developments to the PSS®E Core Functionality including in-depth looks at the updated PSSPLOT for visualizing dynamic results, RAWX (extensible raw format), and Slider updates. We will also look at the latest in PSS®E contingency analysis including a preview of the Remedial Action Scheme (RAS) debugger.	<ul style="list-style-type: none">  Amar Patel, PSS®E Product Manager  Joseph Hood, Senior Engineer  Gregory Mahlum, Senior Engineer  Jay Senthil, Senior Engineer  Feng Dong, Senior Engineer
12:20 PM (IST) 10:50 AM (GST) 9:50 AM (AST)	12:35 PM (IST) 11:05 AM (GST) 10:05 AM (AST)	Break Time	
12:35 PM (IST)	1:30 PM (IST)	PSS®E Core Enhancements (Topic Continues)	Speakers continued.

Week 1: PSS®E Session 1- Agenda Continued

Tuesday, 11th January 2022

PSS®E Sessions 1 & 2

Register Now







Start time	End time	Topic and Abstracts	Speakers
1:30 PM (IST)	1:55 PM (IST)	User Presentation: Simulation Studies in Indian Power Systems Presenter would like to highlight the efficient utilization of PSS/E software using python programs, automation through its recording functionality etc. for various load flow, short circuit & dynamic stability studies. POSOCO utilizes it for new element integration studies including RE, operational planning & post-dispatch analysis studies during day-to-day Grid operation. Future needs & improvement areas would also be highlighted which would enable PSSE users for better utilization of software.	  Pradeep Kumar Sanodiya, System Study Manager at Power System Operation Corporation (POSOCO)
1:55 PM (IST) 12:25 PM (GST) 11:25 AM (AST)	2:00 PM (IST) 12:30 PM (GST) 11:30 AM (AST)	Closing of PSS®E Session 1	

Week 1: PSS®E Session 2

Thursday, 13th January 2022

PSS®E Sessions 1 & 2



Register Now

Start time	End time	Topic and Abstracts	Speakers
11:00 AM (IST) 9:30 AM (GST) 8:30 AM (AST)	11:10 AM (IST) 9:40 AM (GST) 8:40 AM (AST)	Welcome and PSS®E Team Introduction	
11:10 AM (IST)	12:20 PM (IST)	PSS®E Renewable Modeling During this session, we will explore the uncertainties the industry is facing regarding inverter-based resources (IBRs) and the solutions PSS®E has for handling IBRs including in-depth look at voltage droop, IBR modeling for short-circuit analysis, new dynamic models for IBRs, and their use cases. We will also look ahead at our future developments in this area including a preview of the upcoming add-on modules for Harmonics and Time-Series Power Flow.	<ul style="list-style-type: none">  Amar Patel, PSS®E Product Manager  Joseph Hood, Senior Engineer  Gregory Mahlum, Senior Engineer  Jay Senthil, Senior Engineer  Feng Dong, Senior Engineer  Krishnat Patil, Senior Engineer
12:20 PM (IST) 10:50 AM (GST) 9:50 AM (AST)	12:35 PM (IST) 11:05 AM (GST) 10:05 AM (AST)	Break Time	
12:35 PM (IST)	2:00 PM (IST)	PSS®E Renewable Modeling (Topic Continues)	Speakers continued.

Week 1: PSS®E Session 2- Agenda Continued

Thursday, 13th January 2022

Register Now


Start time	End time	Topic and Abstracts	Speakers
2:00 PM (IST)	2:25 PM (IST)	<p>User Presentation: Large scale Integration of Renewables in Indian Grid: Challenges and Opportunities</p> <p>Indian power system is growing at a very rapid pace. The present total installed capacity has reached to 392 GW and total peak demand of 200 GW met during July 2021. For facilitating congestion free transfer of power across different parts of the country through development of matching network augmentation has led to evolution & development of Indian National Grid as one of the largest integrated transmission network which comprises of 4,51,500 circuit kilometer of transmission lines (220 kV and above) and 10,77,000 MVA transformation capacity of substations.</p> <p>Towards the realization of the objective of Carbon free energy, India has set a target of 500 GW of installed capacity from Renewable Energy Sources (RES) by 2030. Secure and stable operation of power system with high integration of projects based on renewable energy sources into the Grid shall require exhaustive system studies. In this context, transmission system planner(s) and operator(s) shall be required to carry out exhaustive system studies to ensure applicable regulatory compliances as well as the impact of integration of such large-scale renewable energy sources. Furthermore, the integrated study of such large quantum of renewables in the Grid has not been witnessed by the utilities across the globe. The presenters have attempted to highlight the challenges and opportunities in the large-scale integration of renewable sources in the integrated network.</p>	<p>  Ankush Patel, Power Study Manager at Power Grid Corporation of India (PGCIL)</p> <p>Ajay Kumar, Power Study Engineer at Power Grid Corporation of India (PGCIL)</p>
2:25 PM (IST) 12:55 PM (GST) 11:55 AM (AST)	2:30PM (IST) 1:00 PM (GST) 12:00 PM (AST)	Closing of PSS®E Session 2	

Week 1: PSS® Network Model Management Session

Wednesday, 19th January 2022

PSS® NMM Session

Register Now


Start time	End time	Topic and Abstracts	Speakers
11:00 AM (IST) 9:30 AM (GST) 8:30 AM (AST)	11:10 AM (IST) 9:40 AM (GST) 8:40 AM (AST)	Welcome and PSS® NMM Team Introduction	
11:10 AM (IST)	11:45 AM (IST)	Basics of Network Model Management and CIM This slot will provide an introduction on how to model a network model in CIM (Common Information Model) and how such modelling enables a centralized Network Model Management. We will focus on some benefits and how a Network Model Management can simplify the daily business.	 Martin Mangold, PSS® NMM Product Manager.
11:45 AM (IST)	12:20 PM (IST)	PSS®ODMS Core Enhancements This session will focus on the latest improvements of the last PSS®ODMS releases and updates. You will learn and see some details about the changes and how they help on a daily basis.	
12:20 PM (IST) 10:50 AM (GST) 9:50 AM (AST)	12:35 PM (IST) 11:05 AM (GST) 10:05 AM (AST)	Break Time	

Week 1: PSS® Network Model Management Session Agenda Continued

Wednesday, 19th January 2022

PSS® NMM Session





[Register Now](#)

Start time	End time	Topic and Abstracts	Speakers
12:35 PM (IST)	1:30 PM (IST)	Real Life Examples and User Presentation After a short break, we will focus on examples of Network Model Management from around the world, including sharing customer projects and real-life implementations.	 Speakers continued.
1:30 PM (IST)	1:55 PM (IST)	Q&A Session This session is for open questions and discussions around the Network Model Management products as well as customer implementations.	
1:55 PM (IST) 12:25 PM (GST) 11:25 AM (AST)	2:00 PM (IST) 12:30 PM (GST) 11:30 AM (AST)	Closing of PSS® NMM Session	

Week 2: PSS®SINCAL Session 1

Tuesday, 18th January 2022




[Register Now](#)

Start time	End time	Topic and Abstracts	Speakers
11:00 AM (IST) 9:30 AM (GST) 8:30 AM (AST)	11:15 AM (IST) 9:45 AM (GST) 8:45 AM (AST)	Welcome and PSS®SINCAL Team Introduction	 Mathias Ramold PSS®SINCAL Product Manager
11:15 AM (IST)	12:00 PM (IST)	What's new? Highlights in PSS®SINCAL version 17.5 and 18.0 During this session, you will hear an overview of the major changes, improvements and new functionalities of the current and the previous release 18.0 & 17.5.	 Mathias Ramold PSS®SINCAL Product Manager
12:00 PM (IST)	12:30 PM (IST)	User Presentation: MEDC Detailed Power System Modelling, System Integration & Studies – Base for Smart Grid Implementation This presentation focuses on the MEDC Planning aims for achieving a safe, secure, efficient, coordinated and economical 33kV network and keeping in sight the 11kV/LV networks and optimizing the initial capital investment whilst minimizing the system technical losses. To assist in accomplishing the above and developing the base for Smart Grid Development, MEDC has built the first complete set of its 11kV power system models (integrated with 33kV models) to study and improve on fault current calculations, load flow analysis, technical losses calculations, bulk load and DER modeling moving forward. In a consulting project together with Siemens, MEDC have developed methodology for performing the above and trained its staff on the same. Presently, MEDC is studying the challenges around GIS-SINCAL 11kV model exports, load profile and results data management, updating models using merge tool etc., for making the process more efficient going forward	  Sheharyar Khan, Senior Planning Engineer at Muscat Electricity Distribution Company (MEDC) Aisha Saif Al Muqarshi, Head of Planning / Planning Manager (Acting) at Muscat Electricity Distribution Company (MEDC)

Week 2: PSS®SINCAL Session 1 – Agenda Continued

Tuesday, 18th January 2022





[Register Now](#)

Start time	End time	Topic and Abstracts	Speakers
12:30 PM (IST) 11:00 AM (GST) 10:00 AM (AST)	12:45 PM (IST) 11:15 AM (GST) 10:15 AM (AST)	Break Time	
12:45 PM (IST)	12:55 PM (IST)	PSS® Ideas Portal Refresher and reminder about the PSS® Ide as Portal.	 Mathias Ramold PSS®SINCAL Product Manager
12:55 PM (IST)	1:45 PM (IST)	Extensions in the protection functions In this session, we will have a look at the new developments and extensions in the area of protection by versions 17.5 and 18.0.	 Christian Grosskinsky PSS®SINCAL Product Owner
1:45 PM (IST)	2:00 PM (IST)	Q&A session day 1 We will end the first day with the opportunity to ask questions and get answers from the team. You are also welcome to share your current challenges and topics with us.	 Mathias Ramold PSS®SINCAL Product Manager
2:00PM (IST) 12:30 PM (GST) 11:30 AM (AST)		Closing of PSS®SINCAL Session 1	

Week 2: PSS®SINCAL Session 2

Thursday, 20th January 2022





[Register Now](#)

Start time	End time	Topic and Abstracts	Speakers
11:00 AM (IST) 9:30 AM (GST) 8:30 AM (AST)	11:05 AM (IST) 9:35 AM (GST) 8:35 AM (AST)	Welcome and Introduction Welcome to the second day of the virtual user group meeting Oceania 2021	 Mathias Ramold PSS®SINCAL Product Manager
11:05 AM (IST)	12:05 PM (IST)	New module: Time Series Data Interface (TSDI), Including new options in Result Storage In this session, we will introduce the new module to interface time series data (TSDI). We will also demonstrate basic concepts and functionalities to use time series data for power flow and time series calculations also in further modules. Closing up with the new configuration approach for result storage.	 Kaspar Hitzelberger PSS®SINCAL Product Owner
12:05 PM (IST)	12:20 PM (IST)	Programming Interface (API) - What's new in 17.5 and 18.0 Get up to speed with the new API enhancements in 17.5 and 18.0.	 Kaspar Hitzelberger PSS®SINCAL Product Owner
12:20 PM (IST) 10:50 AM (GST) 9:50 AM (AST)	12:35 PM (IST) 11:05 AM (GST) 10:05 AM (AST)	Break Time	
12:35 PM (IST)	1:05 PM (IST)	New module: Thermal Destruction Analysis (TDA) With version 18.0 the new module Thermal Destruction Analysis is released. Get to know how TDA enables both the network planning and the protection department to perform an automated check for thermal destruction for all lines and transformers in the network.	 Christian Grosskinsky PSS®SINCAL Product Owner

Week 2: PSS®SINCAL Session 2 – Agenda Continued

Thursday, 20th January 2022

Register Now

Start time	End time	Topic and Abstracts	Speakers
1:05 PM (IST)	1:25 PM (IST)	Dynamic voltage support Converters do neither behave like synchronous generators nor like constant current source during short circuits in electrical grids. PSS®SINCAL offers a voltage depending short circuit current contribution of converter driven plants.	 Christian Grosskinsky PSS®SINCAL Product Owner
1:25 PM (IST)	1:45 PM (IST)	User Presentation: PSS SINCAL- Scientific Tool for Technical Recommendations Validation, Use Cases, Interface Capabilities, User Specific Requirements.	  Sajid Ahmed Mohamed, Senior Electricity Studies and Protection Engineer at ADDC
1:45 PM (IST)	2:00 PM (IST)	Q&A session day 2: Wrap up of PSS®SINCAL UGM We will end the second day with the opportunity to ask questions and get answers from the team.	 Mathias Ramold PSS®SINCAL Product Manager
2:00PM (IST) 12:30 PM (GST) 11:30 AM (AST)		Closing of PSS®SINCAL Session 2	

Have a question?



- **Visit the new PSS® User Group Meeting website**
www.siemens.com/pss-ugm

- **Contact us!**
Harshal Patel @ Harshal.patel.ext@siemens.com

Disclaimer

© Siemens 2022

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

All product designations may be trademarks or other rights of Siemens AG, its affiliated companies or other companies whose use by third parties for their own purposes could violate the rights of the respective owner.