



**PSCAD**

**2026**



# Indian Transmission System Operators Workshop

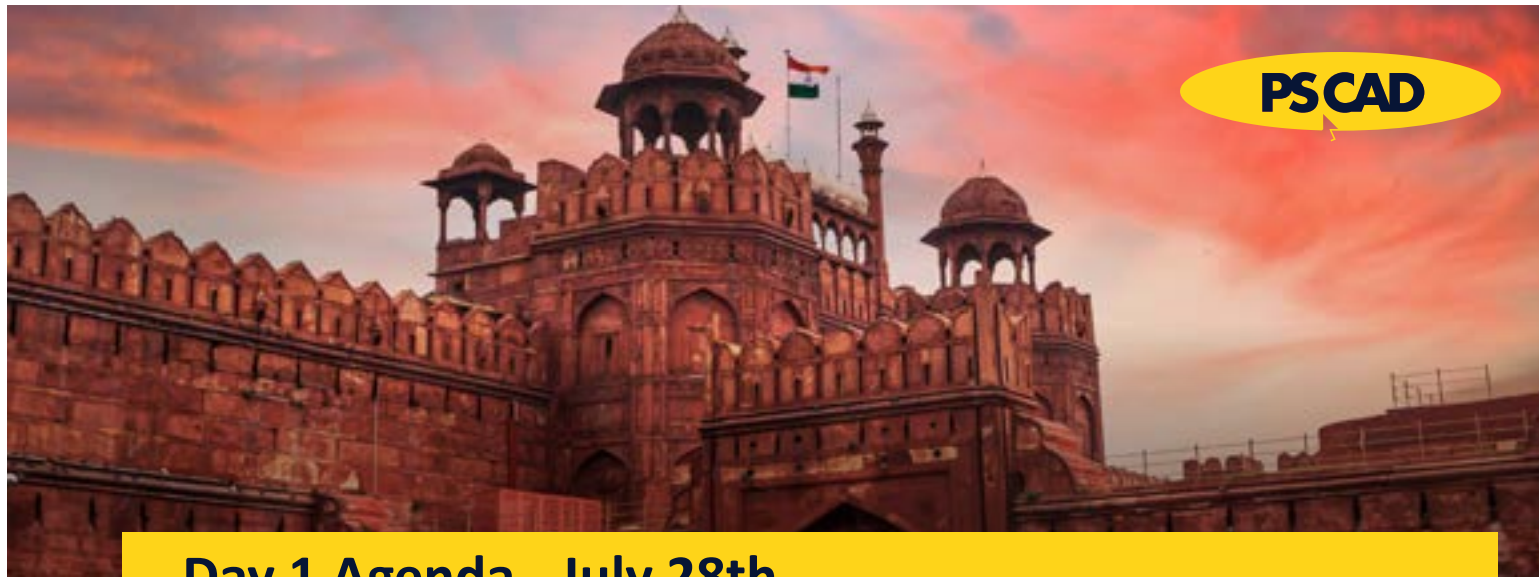
**INDIA, NEW DELHI**

**July 28-29, 2026**

Hyatt Regency Delhi  
Ring Rd, Bhikaji Cama Place, Rama Krishna Puram,  
New Delhi, Delhi 110066

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## Day 1 Agenda - July 28th

- 8:30 – 9:30 Registration and Check-in
- 9:30 – 10:00 Welcome and Introduction
- 10:00 – 10:30 **Session 1: Introduction to EMT simulations**  
*Dharshana Muthumuni, MHI*
- 10:30 – 11:00 **Session 2: Introduction to PSCAD Software - Hand-on Session**  
*Dharshana Muthumuni, MHI*
- 11:00 – 11:30 **Tea and Coffee Break**
- 11:30 – 12:00 **Session 2: Introduction to PSCAD - Hand-on Session (continued)**  
*Dharshana Muthumuni, MHI*
- 12:00 – 12:45 **Session 3: Role of EMT Simulations in Modern Power Systems**  
*Dharshana Muthumuni, MHI*
- 12:45 – 14:00 **Lunch Break**
- 14:00 – 14:30 **Session 4: EMT Simulations using PSCAD: Practical Applications in Indian Grid Operation**  
*Grid Controller of India*
- 14:30 – 15:00 **Session 5: PSCAD Simulation Studies in the Renewable Energy Integration Process**  
*Grid Controller of India*
- 15:00 – 15:30 **Tea and Coffee Break**
- 15:30 – 16:00 **Session 6: PSCAD Success Stories - Case Studies and Live Demonstrations**  
*Dharshana Muthumuni and Amalnath Mani, MHI*
- 16:00 – 16:30 **Session 7: Introduction to Dynamic Frequency Scanning**  
*Dharshana Muthumuni and Amalnath Mani, MHI*
- 16:30 – 17:00 **Discussion, Q&A and Feedback [MHI and Grid India]**
- 18:00 – 21:00 **Networking Dinner - Hyatt Regency Delhi**  
*More details to follow*



## Day 2 Agenda - July 29th

- 8:30 – 9:30 Registration and Check-in
- 9:30 – 10:30 **Session 8:**  
*TBD*
- 10:30 – 11:00 **Session 9:**  
*TBD*
- 11:00 – 11:30 **Tea and Coffee Break**
- 11:30 – 12:30 **Session 10: Introduction to PRSIM and Wide Area Network Modelling**  
*Dharshana Muthumuni, MHI*
- 12:30 – 13:00 **Session 11: Plant Performance Testing and Benchmarking**  
*Dharshana Muthumuni and Amalnath Mani, MHI*
- 13:00 – 14:30 **Lunch Break**
- 14:30 – 15:00 **Session 12:**  
*TBD*
- 15:00 – 15:30 **Session 13:**  
*TBD*
- 15:30 – 16:00 **Tea and Coffee Break**
- 16:00 – 16:30 **Session 14: Traditional EMT Study Examples: Insulation Coordination**  
*Dharshana Muthumuni and Amalnath Mani, MHI*
- 16:30 – 17:00 **Closing Session: Summary and Next Steps [MHI and Power Grid India]**



# PSCAD

THE WORLD'S MOST **ADVANCED**  
TOOL FOR POWER SYSTEMS  
EMT SIMULATIONS

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