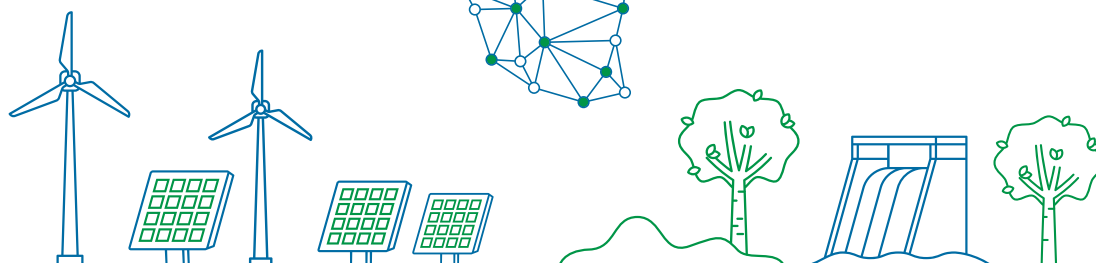
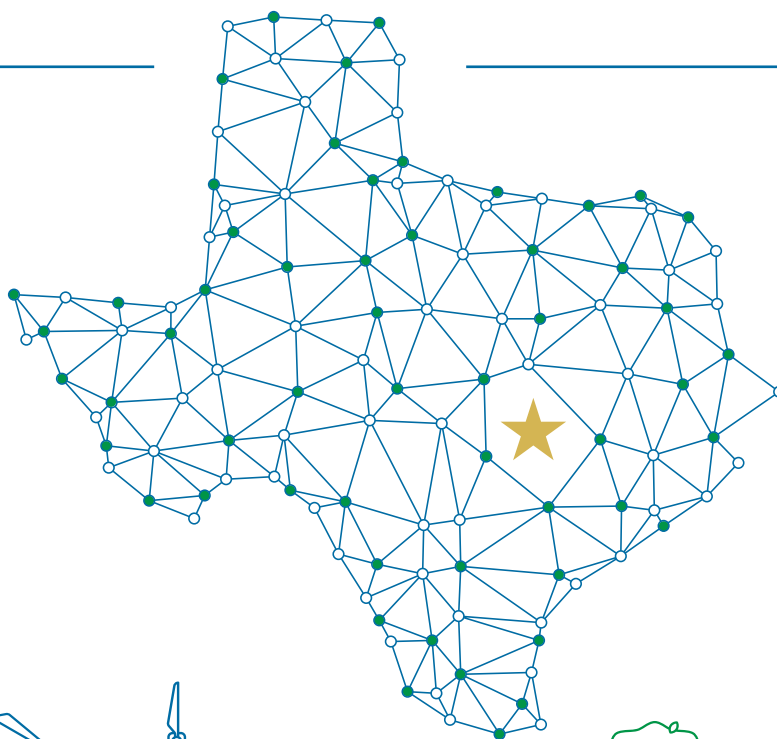




2025

IEEE POWER & ENERGY SOCIETY GENERAL MEETING PROGRAM & SCHEDULE



27–31 July 2025 | Austin, Texas

pes-gm.org

Save the Date!

2026 IEEE PES General Meeting

19–23 July · Montréal, Canada

Palais des Congrès de Montréal

Call for papers will open early October 2025.

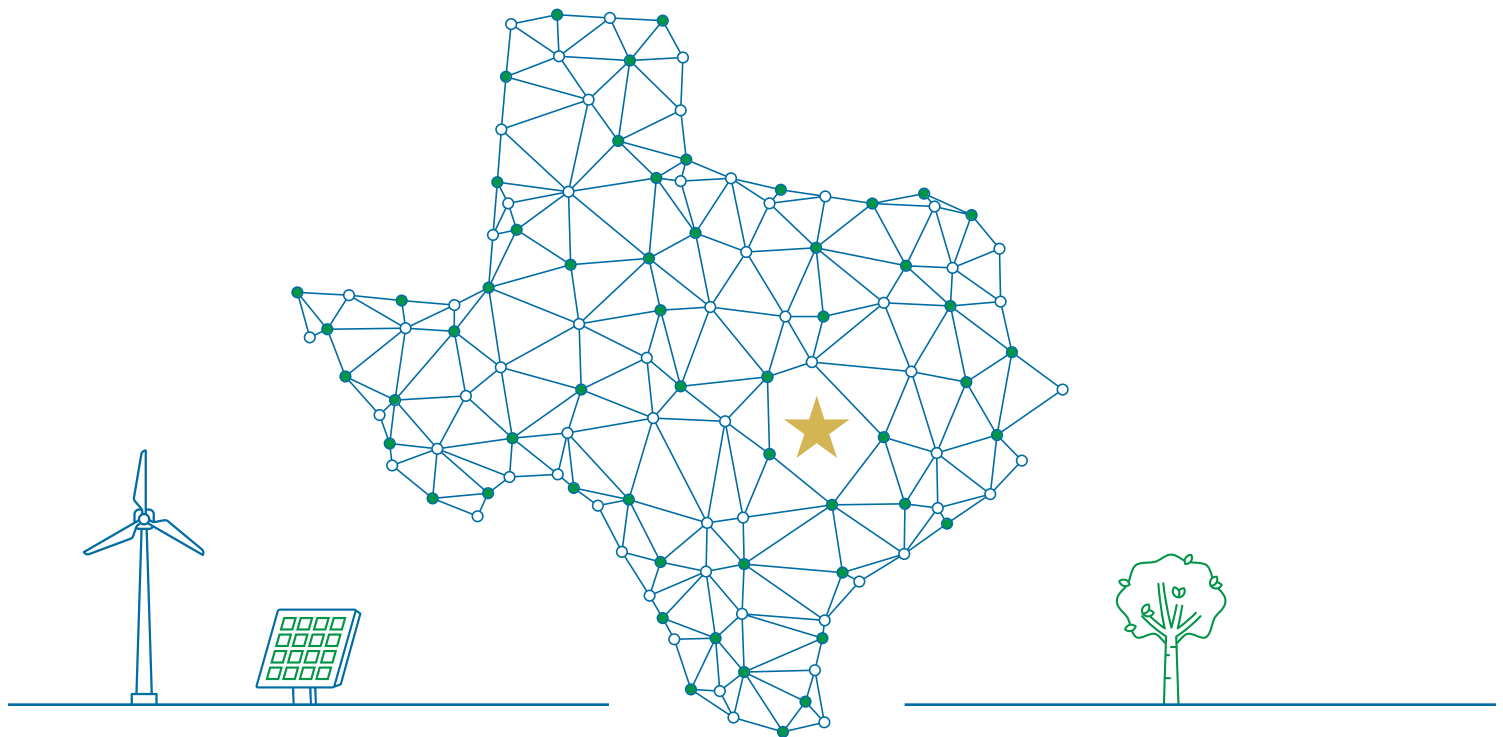


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Program Schedule

 Sunday, July 27 12

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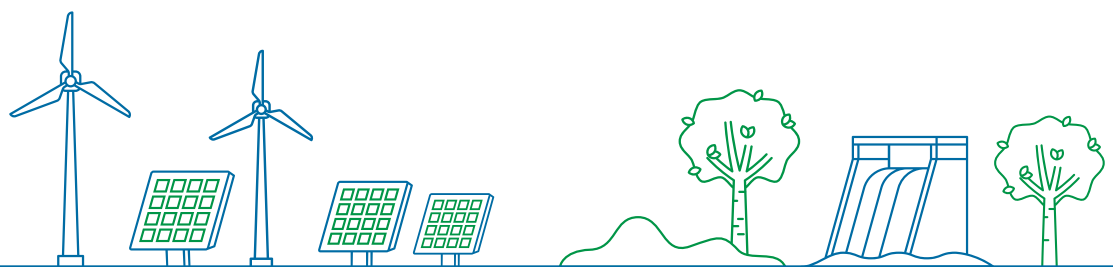
 Thursday, July 31 44

2025 IEEE PES Election Candidates

 IEEE PES President-Elect Candidates 48

 IEEE PES Secretary Candidate 54

 IEEE PES Treasurer Candidates 56



WELCOME LETTER

Welcome to the 2025 IEEE Power and Energy Society (PES) General Meeting (GM) in Austin, Texas. On behalf of the IEEE, IEEE Power and Energy Society (PES), PES Governing Board and staff, the local Austin PES Chapter, the Local Organizing Committee, and our volunteers, we are excited to have you join this year's conversation with fellow industry leaders, researchers, and professionals from around the world. The IEEE PES GM is one of the premier power engineering events every year, and we are honored to host this year's event in Austin, Texas, "The Live Music Capital."

This year's theme, "Achieving Deep Decarbonization in the Electric Power System," highlights our shared commitment to innovate, transform, and transition the electric power grid to meet unprecedented power demand, an evolving resource mix, and the increased need for safe, secure, reliable, resilient, clean, and affordable electric power.

Our program begins with a Welcome Reception on Sunday evening at the iconic Bullock Texas State History Museum, offering an outstanding local setting to kick off a week of engaging conversation. On Monday morning, we will start the day with a Fireside Chat with IEEE PES President Dr. Shay Bahramirad. This will be followed by our Opening Plenary Panel on the Transformation of the Electric Power Grid: Challenges, Opportunities, and Solutions featuring Leslie Duke, Chair & CEO of Burns & McDonnell, Pat Wood, III, CEO of Hunt Energy Network and former FERC and PUCT Chairman, Pablo Vegas, CEO of ERCOT, and Ramit Bajaj, Sr. VP Enterprise Service Delivery of PG&E.

Throughout the week, we are excited to offer over 150 panel sessions, 600 technical sessions and committee meetings, local and Super Session panels, poster sessions, and tutorials featuring distinguished speakers from academia, industry, and research who are driving the innovation behind the grid of the future. Also included in our program are several special events including exclusive technical tours highlighting a diverse mix of innovative central Texas energy projects, the Student Poster Session showcasing the innovative research of our future leaders, the PES Awards Gala and Dinner recognizing the significant accomplishments of our members, the Student, Industry, and Faculty Luncheon and Career Fair connecting students, professionals, and academia, and the Women in Power (WiP) Reception celebrating the women making significant contributions in transforming our grid.

We want to extend our deepest gratitude to our conference supporters, the organizing committee, technical committee program chairs, presenters, volunteers, PES Governing Board, and PES staff. Your unwavering support and dedication make this event possible and are instrumental in our shared success. Most importantly, we thank each one of you for being here and engaging in this conversation. It is only through you and our collective energies that we will transform and transition our grid into the future.

Once again, we welcome you to Austin and encourage you to connect with one another, meet new colleagues, enjoy live music, enjoy local food, and, most importantly, engage one another about our energy future.

Thank you,

Dan Smith, P.E.

LOC Organizing Committee Chair

GENERAL INFORMATION

Registration & Information Desk

Registration is located in Griffin Hall Foyer, on the 2nd floor, and will be open during the following days and times.

Sunday	7:00AM–7:00PM
Monday	6:30AM–6:00PM
Tuesday	6:30AM–6:00PM
Wednesday	6:30AM–4:00PM
Thursday	6:30AM–12:00PM

Badges

IEEE PES GM badges must be worn at all times and are necessary for admittance to sessions, meetings, and social events.

Attendee Breakfasts

All event attendees will have access to a complimentary continental breakfast in Griffin Hall, on the 2nd floor, from Monday through Thursday, 6:30 AM to 8 AM.

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- **Password:** PES2025

Friendly Reminder

Please turn off your devices that chirp, beep, buzz, or ring, including but not limited to pagers, beepers, cell phones, PDAs, and laptops during the conference. The speakers and audience thank you for your consideration and cooperation.



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Download the 2025 IEEE PES GM App.

- The QR Code is applicable for both iOS Apple and Android users.



- For any technical issues, email support@sherpa-solutions.com.



HOTEL MAP

Level 2



HOTEL MAP

Level 3



HOTEL MAP

Level 4



Professional Development Hours (PDHs) and Continuing Education Unit (CEUs)

A continuing education unit (CEU) is 10 contact hours of participation in an organized continuing education experience under responsible, qualified direction and instruction. A unit generally consists of courses of study that refresh, update and enhance knowledge skills and experience with professional personnel. It is up to each student to determine if a specific course or program fills the needs of the discipline or certifying body for which the CEUs are intended.

Continuing professional education for licensed engineers is measured in professional development hours (PDHs). Professional Development Hours (PDH) may be earned by an individual for attending a poster, panel, or technical session. PDH credits are awarded for participation in these activities and are normally accepted by accreditation agencies responsible for professional registration. A PDH is 1 contact hour of instruction or presentation.

Continuing Education Units (CEUs) readily translate into PDHs (1 CEU=10 PDHs), though PDHs do not convert automatically to CEUs. The licensee is responsible for maintaining records to be used to support PDH credits claimed. PES does not track this information.

A link to the PDH form will be emailed to all who registered and attended the PES GM. Individuals can use this form to track their attendance at a poster, panel, or technical session at this meeting. It is up to each individual to provide the form to the certifying body or employer to determine if a specific course or program fills the needs of the discipline or certifying body and/or employer which the PDHs are intended for.

Tutorial Attendees will receive an email with instructions on downloading the tutorial presentation and may take the CEU/PDH assessment via the PES Resource Center. Upon completion of the assessment, the attendee will receive the CEU/PDH certificate.

IEEE does not keep records of who attended what session or meeting. If you are audited, it is your responsibility to provide authenticating documents. Your conference and/or tutorial receipt from the registrar can serve as attendance verification for the activities held in conjunction with this event.

IEEE Event Conduct and Safety Statement

IEEE believes that science, technology, and engineering are fundamental human activities, for which openness, international collaboration, and the free flow of talent and ideas are essential. Its meetings, conferences and other events seek to enable engaging thought-provoking conversations that support IEEE's core mission of advancing technology for humanity. Accordingly, IEEE is committed to providing a safe productive and welcoming environment to all participants including staff and vendors at IEEE-related events.

IEEE has no tolerance for discrimination, harassment, or bullying in any form at IEEE-related events. All participants have the right to pursue shared

interests without harassment or discrimination in an environment that supports diversity and inclusion. Participants are expected to adhere to these principles and respect the rights of others.

IEEE seeks to provide a secure environment at its events. Participants should report any behavior inconsistent with the principles outlined here to on-site staff, security, venue personnel, or to eventconduct@ieee.org.

2025 PES General Meeting Local Organizing Committee

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Vice Chair

Melvin Moncey Joseph

Secretary

Andrew Bluiett

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Belle Bybel

Plenary Chair

Milad Soleimani

Technical Program Chair

Hao Zhu

Technical Program Co-Chair

Eric Meier

Technical Program Co-Chair

Jonathan Snodgrass

Technical Tours Chair

Imane Mrini

Technical Tours Co-Chair

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Canbing Li

Executive Director & Group Lead

Tim Licitra

2025 IEEE PES General Meeting Technical Committee Program Chairs

Analytic Methods for Power Systems

Zita Vale
Yannan Sun

Electric Machinery

William Bloethe

Energy Development and Power Generation

Gene Asbury

Energy Internet Coordinating Committee

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Tu Nguyen

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Kenn Miller

Power & Energy Education

David Wenzhong Gao

Power System Dynamic Performance

Abhishek Banerjee
Panagiotis (Panos) Papadopoulos

Power System Instrumentation and Measurements

David Wallace
Jeffrey Hildreth

Power System Operation, Planning & Economics

Zhaoyu Wang

Power Systems Communications & Cyber Security

Mohammad Reza Khalghani

Power Systems Relaying & Control

Gene Henneberg
James Niemira

Renewables Systems Integration Coordinating

Junbo Zhao

Smart Buildings, Loads and Customer Systems

Jamie Lian
Sumit Paudyal

Substations

DJ Moreau

Surge Protective Devices

Steven Hensley

Switchgear

Anthony Ricciuti

Transformers

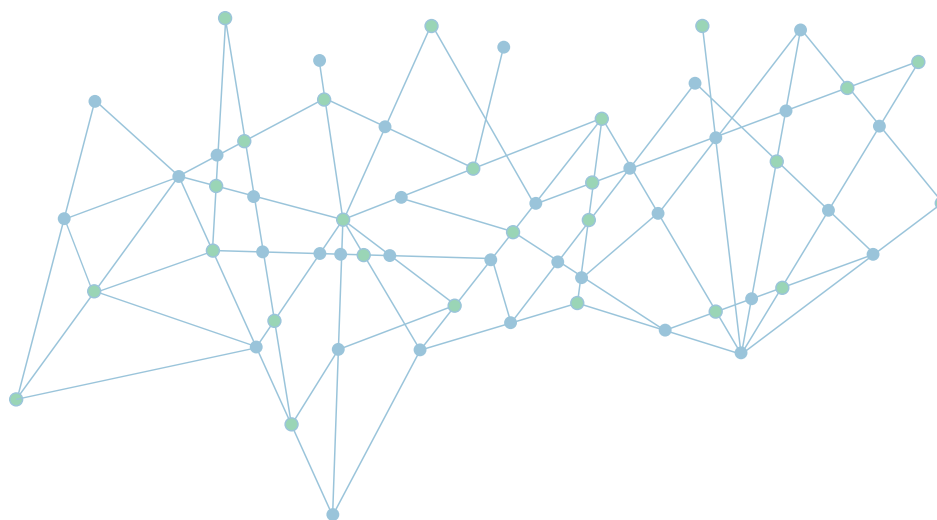
Bill Griesacker

Transmission and Distribution

Masoud Davoudi
Brian Johnson
Rob Schaerer

Industry Technical Support Leadership Committee

Babak Enayati



OPENING PLENARY SESSION PANEL

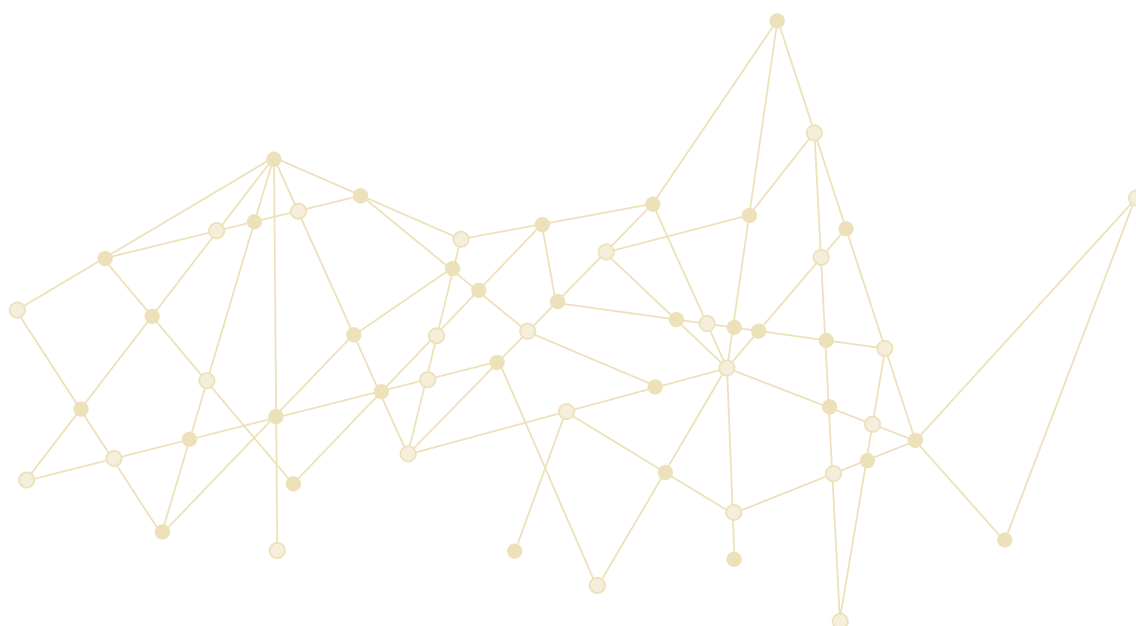
Monday, 28 July at 10:00AM
JW Grand Ballroom

Theme: Transformation of the Electric Power Grid: Challenges, Opportunities, and Solutions

As the demand and dependency on safe, secure, reliable, resilient, clean, and affordable electric power exponentially increases, stakeholders across the electric power industry continue to face unprecedented challenges and opportunities. These challenges and opportunities include exponential load growth led by the explosion of new AI Data Centers, increased levels of renewable energy and inverter-based resources, and the evolving and increasing risks to grid resiliency due to natural and man-made threats. This plenary session will bring together top industry leaders and experts from different perspectives to discuss the critical technological, policy, regulatory, and operational strategies that are needed to continue to transform the electric power grid.

Leslie Duke (CEO, Burns & McDonnell) will share insights on the evolving role of infrastructure and engineering solutions in integrating renewable energy and modernizing the grid. Pat Wood III (CEO, Hunt Energy Network and former FERC and PUCT Chairman) will discuss policy and energy technologies, and innovation needed to transform the grid. Pablo Vegas (CEO, ERCOT) and Ramit Bajaj (Sr. VP Enterprise Service Delivery, PG&E) will provide perspectives on grid investment and operations, market structures, and the role of utilities and system operators in enabling a clean energy transition.

Moderated by Dan Smith (VP, Research + Innovation, LCRA), this engaging discussion will explore key grid and infrastructure requirements, policy and market approaches, investment strategies, and the role of emerging technologies such as energy storage, small modular reactors, and advanced grid management. Attendees will gain a deeper understanding of the collaborative efforts necessary to transform and shape the future of the electric power system.



FEATURED PANEL SPEAKERS



Ramit Bajaj
Sr. VP Enterprise
Service Delivery
Pacific Gas & Electric



Leslie M. Duke
Chair & CEO
Burns & McDonnell



Pablo Vegas
President & CEO
*Electric Reliability
Council of Texas*



Pat Wood, III
CEO
Hunt Energy Network

MODERATOR



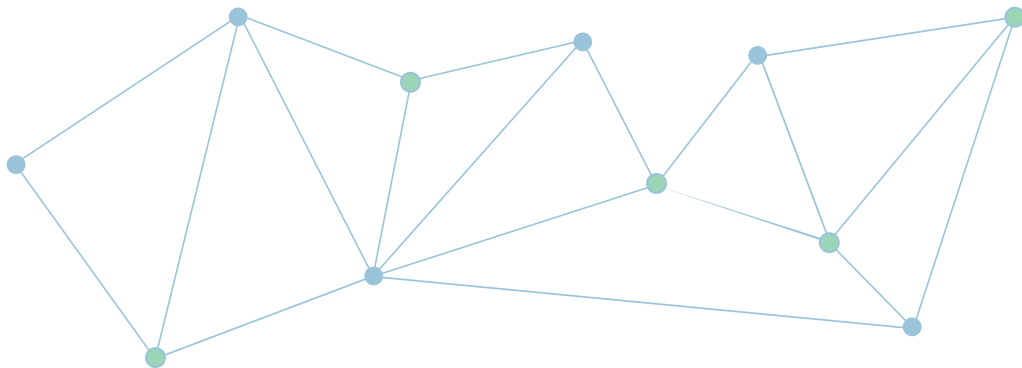
Dan Smith
Vice President of Strategic
Planning & Process Improvement
Lower Colorado River Authority

Sunday, July 27

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	7:00 AM	9:00 AM	Satellite Technical Committee Representatives Meeting	Committee Meeting	Admin	209
<input type="checkbox"/>	7:00 AM	7:00 PM	Registration	Committee Meeting	Admin	Griffin Hall Foyer
<input type="checkbox"/>	8:00 AM	12:00 PM	Hydrogen and Electric Power: Achieving more power and decarbonization (Separate Registration Required)	Tutorial	Admin	201
<input type="checkbox"/>	8:00 AM	12:00 PM	Modeling and simulation methods of large grids with IBRs in the EMT mode (Separate Registration Required)	Tutorial	Admin	203
<input type="checkbox"/>	8:00 AM	12:00 PM	Frequency and Voltage Control with Grid-Forming Inverters and Emerging System Support Services (Separate Registration Required)	Tutorial	Admin	204
<input type="checkbox"/>	8:00 AM	12:00 PM	Power System Protection for the IBR Dominated Power Grid (Separate Registration Required)	Tutorial	Admin	205
<input type="checkbox"/>	8:00 AM	12:00 PM	Functional Performance Requirements for Grid Forming STATCOM (Separate Registration Required)	Tutorial	Admin	208
<input type="checkbox"/>	8:00 AM	12:00 PM	Methods to Address Emerging Challenges and Opportunities in Transmission Planning (Separate Registration Required)	Tutorial	Admin	212
<input type="checkbox"/>	8:00 AM	12:00 PM	Unlock Opportunities of Decarbonization in Smart Electric Grid with Data Driven Life Cycle Assessment (Separate Registration Required)	Tutorial	Admin	213
<input type="checkbox"/>	8:00 AM	4:50 PM	Regions 1–7 Professional Chapter Chairs & Student Chapter Chair Training	Committee Meeting	Admin	Brazos Room
<input type="checkbox"/>	8:00 AM	5:00 PM	Distribution Interconnections – Best practices, lessons learned and regulatory changes (Separate Registration Required)	Tutorial		202
<input type="checkbox"/>	9:00 AM	3:00 PM	Alternative Energy Generation and Storage	Committee Meeting	Admin	Salon D
<input type="checkbox"/>	1:00 PM	2:50 PM	Workshop on IEEE DataPort and IEEE Data Descriptions – Demonstration and Information Session	Panel	Admin	401
<input type="checkbox"/>	1:00 PM	3:50 PM	Joint PES WG/TF Meeting and Workshop on Natural Disaster Mitigation and Grid Resilience	Committee Meeting	Admin	209
<input type="checkbox"/>	1:00 PM	4:50 PM	Student Chapters Training	Committee Meeting	Admin	207
<input type="checkbox"/>	1:00 PM	5:00 PM	Real time State Estimator for supporting Electric Grid reliability (Separate Registration Required)	Tutorial	Admin	213
<input type="checkbox"/>	1:00 PM	5:00 PM	Developing distribution system dynamic simulation models in the frequency domain based on open-source software (Separate Registration Required)	Tutorial	Admin	204
<input type="checkbox"/>	1:00 PM	5:00 PM	Fundamentals of IEC 61850 and Its Implementation (Separate Registration Required)	Tutorial	Admin	208

Sunday 7/27 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	1:00 PM	5:00 PM	The role of power systems in the sustainable decarbonization of the maritime sector (Separate Registration Required)	Tutorial	Admin	212
<input type="checkbox"/>	1:00 PM	5:00 PM	The Role of Short and Long Duration Storage Technologies in a Deeply Decarbonized Power System (Separate Registration Required)	Tutorial	Admin	203
<input type="checkbox"/>	1:00 PM	5:00 PM	Introduction to IEEE 2800 and Lessons Learned (Separate Registration Required)	Tutorial	Admin	205
<input type="checkbox"/>	3:00 PM	4:00 PM	New Attendees Orientation	Panel	Admin	Salon A-C
<input type="checkbox"/>	3:00 PM	4:50 PM	Grid Code Task Force	Committee Meeting	Electric Machinery	Salon D
<input type="checkbox"/>	6:00 PM	8:30 PM	Welcome Reception – Event badge required for entry.			Bullock Texas State History Museum



**Please check the IEEE PES GM mobile app for the latest program and event updates.*

Notes





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Monday, July 28

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	6:30 AM	8:00 AM	Attendee Breakfast	Breakfast	Admin	Griffin Hall
<input type="checkbox"/>	6:30 AM	6:00 PM	Registration	Committee Meeting	Admin	Griffin Hall Foyer
<input type="checkbox"/>	7:15 AM	7:45 AM	PEEC PES Student Program Review Committee	Committee Meeting	Power & Energy Education	205
<input type="checkbox"/>	8:00 AM	10:00 AM	Members Meeting and Fireside Chat	Panel	Admin	JW Grand Ballroom
<input type="checkbox"/>	10:00 AM	11:00 AM	Opening Plenary Session: Transformation of the Electric Power Grid: Challenges, Opportunities, and Solutions	Panel	Admin	JW Grand Ballroom
<input type="checkbox"/>	11:00 AM	11:30 AM	Overhead Lines SC/WG/TF Introduction	Committee Meeting	Transmission and Distribution	213
<input type="checkbox"/>	11:00 AM	11:50 AM	Global circuit catalogue TF	Committee Meeting	(AMPS) Distribution System Analysis	204
<input type="checkbox"/>	11:00 AM	11:50 AM	SBLC – Task Force on Grid-Interactive Electric Vehicle Charging Infrastructure	Committee Meeting	Smart Buildings, Loads & Customer Systems	209
<input type="checkbox"/>	11:00 AM	11:50 AM	Std. 1882: Guide for Establishing, Benchmarking and Maintaining a Working Program for Energized Transmission Lines.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	11:00 AM	12:00 PM	Intelligent Data Mining and Control WG Meeting	Committee Meeting	(AMPS) Intelligent Systems	404
<input type="checkbox"/>	11:00 AM	12:00 PM	PRAC Review Power & Energy Magazine – Private Meeting	Committee Meeting	Other	211
<input type="checkbox"/>	11:00 AM	12:20 PM	Distributed Resources Integration Working Group	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	11:00 AM	12:50 PM	International Practice Subcommittee	Committee Meeting	Energy Development and Power Generation	203
<input type="checkbox"/>	11:00 AM	12:50 PM	PEEC ADCOM	Committee Meeting	Power & Energy Education	205
<input type="checkbox"/>	11:00 AM	12:50 PM	PEEC Research Subcommittee	Committee Meeting	Power & Energy Education	403
<input type="checkbox"/>	11:00 AM	12:50 PM	15.05.08 HVDC Economics and Operating Strategies	Committee Meeting	Transmission and Distribution	401
<input type="checkbox"/>	11:00 AM	12:50 PM	PSDP Task Force on Integrating Relay Models with Electromechanical Simulations	Committee Meeting	Power System Dynamic Performance	Brazos Room
<input type="checkbox"/>	11:00 AM	12:50 PM	Task Force on Modeling and Simulation of Large Power Systems with High Penetration of Inverter-based Generation	Committee Meeting	Power System Dynamic Performance	208

**Please check the IEEE PES GM mobile app for the latest program and event updates.*

Notes



Monday 7/28 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	12:00 PM	12:50 PM	AMPS ISS joint annual meeting of WG on Modern Heuristic Optimization and TF on Modern Heuristic Optimization Test Beds	Committee Meeting	(AMPS) Intelligent Systems	207
<input type="checkbox"/>	12:00 PM	12:50 PM	WG on Distribution System BTM DERs: Visibility, Analytics and Control	Committee Meeting	(AMPS) Distribution System Analysis	204
<input type="checkbox"/>	12:00 PM	12:50 PM	Working Group on Power System Dynamics Measurements	Committee Meeting	Power System Dynamic Performance	202
<input type="checkbox"/>	12:30 PM	1:20 PM	MSCC meeting	Committee Meeting	Marine Systems Coordinating	210
<input type="checkbox"/>	12:30 PM	2:20 PM	Working Group on Voltage Stability	Committee Meeting	Power System Dynamic Performance	304
<input type="checkbox"/>	1:00 PM	1:50 PM	WG on Distribution System State Estimation	Committee Meeting	(AMPS) Distribution System Analysis	204
<input type="checkbox"/>	1:00 PM	1:50 PM	SBLC – Task Force on Low-carbon Connected Communities	Committee Meeting	Smart Buildings, Loads & Customer Systems	208
<input type="checkbox"/>	1:00 PM	1:50 PM	PEEC Career Promotion and Workforce Development Subcommittee	Committee Meeting	Power & Energy Education	205
<input type="checkbox"/>	1:00 PM	1:50 PM	Std. 957: Guide for Cleaning Insulators.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	1:00 PM	1:50 PM	Monitoring Electric Power Quality WG (IEEE Std 1159)	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	1:00 PM	1:50 PM	Std C135.80/CORR 1 TF – Standard for Fasteners for Overhead Line Construction	Committee Meeting	Transmission and Distribution	Boardroom
<input type="checkbox"/>	1:00 PM	2:00 PM	Std 563 TF – Guide on Conductor Self-Damping Measurements	Committee Meeting	Transmission and Distribution	213
<input type="checkbox"/>	1:00 PM	2:00 PM	PRAC Review OAJPE – Private Meeting	Committee Meeting	Other	211
<input type="checkbox"/>	1:00 PM	2:50 PM	Advanced Learning Heuristics for Optimal Operation and Control of Converter Dominated Energy Systems	Panel	(AMPS) Intelligent Systems	404
<input type="checkbox"/>	1:00 PM	2:50 PM	Electromagnetic transient modeling (EMT) of IBR plants	Panel	Transmission and Distribution	403
<input type="checkbox"/>	1:00 PM	2:50 PM	Synchronous Condensers in ERCOT	Panel	Local Organizing Committee	309
<input type="checkbox"/>	1:00 PM	2:50 PM	AI and renewable energy nexus: data centers, renewable integration and grid resilience	Panel	Renewables Systems Integration Coordinating	308
<input type="checkbox"/>	1:00 PM	2:50 PM	Computing and Analytic Methods Subcommittee (CAMS)	Committee Meeting	(AMPS) Computer Analytical Methods	202
<input type="checkbox"/>	1:00 PM	2:50 PM	SBLC – Task Force on Flexibility Metrics for Grid-interactive Efficient Customer Systems	Committee Meeting	Smart Buildings, Loads & Customer Systems	209
<input type="checkbox"/>	1:00 PM	2:50 PM	IEEE PES PSOPE AdCom Meeting	Committee Meeting	Power System Operation, Planning & Economics	201
<input type="checkbox"/>	1:00 PM	2:50 PM	P1601 Revision Working Group – Standard for Optical AC Current and Voltage Sensing Systems	Committee Meeting	Power System Instrumentation and Measurements	203

Monday 7/28 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	1:00 PM	2:50 PM	Risks and Uncertainties Shaping the Future of Integrated Resource Planning	Panel	PSOPE – Bulk Power System Planning Subcommittee	307
<input type="checkbox"/>	1:00 PM	2:50 PM	PES Workforce Initiative Panel	Panel	Admin	401
<input type="checkbox"/>	1:00 PM	2:50 PM	Open-Source Capabilities for EMT Simulations: Current Status, Needs, Future	Panel	Energy Development and Power Generation	Salon 1
<input type="checkbox"/>	1:00 PM	2:50 PM	Novel Approaches Increasing Speed and Reliability of Dynamic Security Assessment	Panel	Power System Dynamic Performance	Salon 3
<input type="checkbox"/>	1:00 PM	2:50 PM	Towards cross-sector energy system resilience under climate change	Panel	Energy Internet Coordinating Committee	Salon 2
<input type="checkbox"/>	1:00 PM	4:50 PM	Distribution System Planning and Operation	Best Paper Session	Admin	406
<input type="checkbox"/>	1:00 PM	4:50 PM	Bulk power system planning and operation	Best Paper Session	Admin	407
<input type="checkbox"/>	1:00 PM	4:50 PM	Grid Transformation	Best Paper Session	Admin	408
<input type="checkbox"/>	1:00 PM	4:50 PM	Emerging Technologies	Best Paper Session	Admin	409
<input type="checkbox"/>	1:00 PM	4:50 PM	NERC CIP implementation for synchrophasors	Panel	Grid & Emerging Technologies Coordinating Committee	402
<input type="checkbox"/>	1:30 PM	2:50 PM	Solid State Transformer Task Force	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	1:30 PM	3:20 PM	Shunt Capacitor Application Guide P1036 WG	Committee Meeting	Transmission and Distribution	301
<input type="checkbox"/>	1:30 PM	3:20 PM	15.05.02 Dynamic Performance and Modeling of HVDC Systems and Power Electronics for Transmission Systems	Committee Meeting	Transmission and Distribution	310
<input type="checkbox"/>	2:00 PM	2:50 PM	Grid Edge Conference Organizing Committee Meeting	Committee Meeting	Admin	210
<input type="checkbox"/>	2:00 PM	2:50 PM	Intelligent Systems Control WG Meeting	Committee Meeting	(AMPS) Intelligent Systems	207
<input type="checkbox"/>	2:00 PM	2:50 PM	Distribution Test Feeder WG	Committee Meeting	(AMPS) Distribution System Analysis	204
<input type="checkbox"/>	2:00 PM	2:50 PM	Working Group on Cloud for Grid Modernization and Digitization	Committee Meeting	PSOPE – Technologies & Innovation Subcommittee	208

**Please check the IEEE PES GM mobile app for the latest program and event updates.*

Notes



Monday 7/28 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	2:00 PM	2:50 PM	Task Force on Digital Twin of Large Scale Power Systems	Committee Meeting	PSOPE – Technologies & Innovation Subcommittee	205
<input type="checkbox"/>	2:00 PM	2:50 PM	Stds. 1070 and 1071: Guide for the Design and Testing of Transmission Modular Restoration Structure Components.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	2:00 PM	2:50 PM	P1159.3 Power Quality Data Interchange Format (PQDIF)	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	2:00 PM	2:50 PM	Std 977 TF – Guide to Installation of Foundations	Committee Meeting	Transmission and Distribution	Boardroom
<input type="checkbox"/>	2:00 PM	3:00 PM	Std 664 TF – Guide for Lab Measurement of the Power Dissipation Characteristics of Aeolian Vibration Dampers	Committee Meeting	Transmission and Distribution	213
<input type="checkbox"/>	2:10 PM	3:10 PM	PRAC Review Transactions on Energy Conversion – Private Meeting	Committee Meeting	Other	211
<input type="checkbox"/>	3:00 PM	3:50 PM	Distribution Systems Analysis Subcommittee	Committee Meeting	(AMPS) Distribution System Analysis	204
<input type="checkbox"/>	3:00 PM	3:50 PM	Working Group on Market Design and Operation	Committee Meeting	PSOPE – Power System Economics Subcommittee	208
<input type="checkbox"/>	3:00 PM	3:50 PM	RTSC Meeting	Committee Meeting	Energy Development and Power Generation	207
<input type="checkbox"/>	3:00 PM	3:50 PM	Live Rope	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	3:00 PM	3:50 PM	Power Quality Solutions Working Group WG (IEEE Std 1409)	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	3:00 PM	3:50 PM	Std 951 TF – Guide to the Assembly and Erection of Metal Transmission Structures	Committee Meeting	Transmission and Distribution	201
<input type="checkbox"/>	3:00 PM	4:00 PM	Std 1368 TF – Guide for Aeolian Vibration Field Measurement	Committee Meeting	Transmission and Distribution	213
<input type="checkbox"/>	3:00 PM	4:50 PM	Workforce Initiative Meeting	Committee Meeting	Admin	Boardroom
<input type="checkbox"/>	3:00 PM	4:50 PM	Harnessing Data-Driven Approaches and Generative AI for Dynamic Modeling, Data Generation, and Control in Distribution Grids	Panel	(AMPS) Big Data Analytics	404
<input type="checkbox"/>	3:00 PM	4:50 PM	Experiences in the Use of Voltage Stability Assessment Tools in Control Centers	Panel	Power System Dynamic Performance	309
<input type="checkbox"/>	3:00 PM	4:50 PM	Electromagnetic Transient Analysis with DERs Emerging Need, Challenges, and Lessons Learned	Panel	Transmission and Distribution	403
<input type="checkbox"/>	3:00 PM	4:50 PM	Advancing Hydrogen Integration in Power Systems: Innovations, Infrastructure, and Impacts	Panel	PSOPE – Technologies & Innovation Subcommittee	307
<input type="checkbox"/>	3:00 PM	4:50 PM	WG on Power System Modeling and Integration Using CIM Standards	Committee Meeting	(AMPS) Computer Analytical Methods	202
<input type="checkbox"/>	3:00 PM	4:50 PM	Smart Grid Synchronized Measurements & Analytics (SGSMA)	Committee Meeting	Other	209

Monday 7/28 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	3:00 PM	4:50 PM	Stray and Contact Voltage Working Group	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	3:00 PM	4:50 PM	Power Grid Intelligence – European Solutions	Panel	Energy Development and Power Generation	Salon 1
<input type="checkbox"/>	3:00 PM	4:50 PM	Outstanding Doctoral Dissertations in Power and Energy Systems	Panel	Admin	401
<input type="checkbox"/>	3:00 PM	4:50 PM	Power system monitoring and stability analysis with high penetration of IBRs	Panel	Renewables Systems Integration Coordinating	308
<input type="checkbox"/>	3:00 PM	4:50 PM	Wind and Solar Grounding Task Force (PAR 2778)	Committee Meeting	Energy Development and Power Generation	203
<input type="checkbox"/>	3:00 PM	4:50 PM	AI-enabled Energy Internet and Energy System Integration	Panel	Energy Internet Coordinating Committee	Salon 2
<input type="checkbox"/>	3:00 PM	4:50 PM	Accelerating multi sectoral engagement through intergenerational learning by PES Young Professionals	Panel	Admin	Salon 3
<input type="checkbox"/>	3:20 PM	4:20 PM	PRAC Review Transactions on Power Delivery – Private Meeting	Committee Meeting	Other	211
<input type="checkbox"/>	3:30 PM	4:50 PM	PES Awards Committee Meeting	Committee Meeting	Admin	304
<input type="checkbox"/>	3:30 PM	4:50 PM	PEEC University Education Subcommittee	Committee Meeting	Power & Energy Education	205
<input type="checkbox"/>	3:30 PM	4:50 PM	Capacitor GMD Mitigation TF	Committee Meeting	Transmission and Distribution	301
<input type="checkbox"/>	3:30 PM	5:20 PM	15.05.18 Studies for Planning of HVDC and 15.05.19 Practical Technologies for VSC HVDC Systems WGs are now combined under Planning and Applications of HVDC systems	Committee Meeting	Transmission and Distribution	310
<input type="checkbox"/>	4:00 PM	4:50 PM	PES Energy and Policy Forum 2026	Committee Meeting	Admin	207
<input type="checkbox"/>	4:00 PM	4:50 PM	Open Data Sets Task Force Meeting	Committee Meeting	(AMPS) Intelligent Systems	210
<input type="checkbox"/>	4:00 PM	4:50 PM	Task Force on Benchmarking Multiconductor OPF for Distribution Systems	Committee Meeting	(AMPS) Distribution System Analysis	204
<input type="checkbox"/>	4:00 PM	4:50 PM	Renewable Technologies Subcommittee meeting	Committee Meeting	Energy Development and Power Generation	Brazos Room

**Please check the IEEE PES GM mobile app for the latest program and event updates.*

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Monday 7/28 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	4:00 PM	4:50 PM	Working Group on Economics of Emerging Technologies	Committee Meeting	PSOPE – Power System Economics Subcommittee	208
<input type="checkbox"/>	4:00 PM	4:50 PM	TC-78: Live Working Support	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	4:00 PM	4:50 PM	Voltage Sag Indices TF (IEEE Std 1564)	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	4:00 PM	4:50 PM	Task Force on Adjustable Speed Pump Storage Modeling	Committee Meeting	Power System Dynamic Performance	201
<input type="checkbox"/>	4:00 PM	5:00 PM	Std P738.1 TF – Guide for Application of Line Ratings	Committee Meeting	Transmission and Distribution	213
<input type="checkbox"/>	5:00 PM	5:50 PM	Std 1025 TF – Guide to the Assembly and Erection of Concrete Pole Structures	Committee Meeting	Transmission and Distribution	202
<input type="checkbox"/>	5:00 PM	7:00 PM	Transactions Paper Poster Session	Poster Session	Admin	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Transmission and Distribution Poster Session	Poster Session	Transmission and Distribution	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Transformers Poster Session	Poster Session	Transformers	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Substations Poster Session	Poster Session	Substations	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Smart Buildings, Loads & Customer Systems Poster Session	Poster Session	Smart Buildings, Loads & Customer Systems	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	PSOPE Technologies & Innovation Subcommittee Poster Session	Poster Session	PSOPE – Technologies & Innovation Subcommittee	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	PSOPE Power System Economics Subcommittee Poster Session	Poster Session	PSOPE – Power System Economics Subcommittee	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	PSOPE Distribution System Operation and Planning Subcommittee Poster Session	Poster Session	PSOPE – Distribution System Operation and Planning Subcommittee	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	PSOPE Bulk Power System Planning Subcommittee Poster Session	Poster Session	PSOPE – Bulk Power System Planning Subcommittee	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	PSOPE Bulk Power System Operations Subcommittee Poster Session	Poster Session	PSOPE – Bulk Power System Operations Subcommittee	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Power Systems Relaying & Control Poster Session	Poster Session	Power Systems Relaying & Control	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Power Systems Communications & Cyber Security Poster Session	Poster Session	Power Systems Communications & Cyber Security	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Power System Instrumentation and Measurements Poster Session	Poster Session	Power System Instrumentation and Measurements	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Power System Dynamic Performance Poster Session	Poster Session	Power System Dynamic Performance	Lone Star Ballroom

Monday 7/28 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	5:00 PM	7:00 PM	Power & Energy Education Poster Session	Poster Session	Power & Energy Education	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Nuclear Power Engineering Poster Session	Poster Session	Nuclear Power Engineering	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Marine Systems Coordinating Poster Session	Poster Session	Marine Systems Coordinating	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Insulated Conductors Poster Session	Poster Session	Insulated Conductors	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Grid & Emerging Technologies Coordinating Committee Poster Session	Poster Session	Grid & Emerging Technologies Coordinating Committee	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Energy Storage & Stationary Battery Poster Session	Poster Session	Energy Storage & Stationary Battery	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Energy Internet Coordinating Committee Poster Session	Poster Session	Energy Internet Coordinating Committee	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Energy Development and Power Generation Poster Session	Poster Session	Energy Development and Power Generation	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	(AMPS) Reliability and Risk Analysis Poster Session	Poster Session	(AMPS) Reliability and Risk Analysis	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Electric Machinery Poster Session	Poster Session	Electric Machinery	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	(AMPS) Transient Analysis and Simulation Poster Session	Poster Session	(AMPS) Transient Analysis and Simulation	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	(AMPS) Big Data Analytics Poster Session	Poster Session	(AMPS) Big Data Analytics	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	(AMPS) Intelligent Systems Poster Session	Poster Session	(AMPS) Intelligent Systems	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	(AMPS) Distribution System Analysis Poster Session	Poster Session	(AMPS) Distribution System Analysis	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	(AMPS) Computer Analytical Methods Poster Session	Poster Session	(AMPS) Computer Analytical Methods	Lone Star Ballroom
<input type="checkbox"/>	5:00 PM	7:00 PM	Analytic Methods for Power Systems Poster Session	Poster Session	Analytic Methods for Power Systems	Lone Star Ballroom

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Tuesday, July 29

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	6:30 AM	8:00 AM	Attendee Breakfast	Breakfast	Admin	Griffin Hall
<input type="checkbox"/>	6:30 AM	7:00 PM	Registration	Committee Meeting	Admin	Griffin Hall Foyer
<input type="checkbox"/>	7:00 AM	9:00 AM	Student Poster Competition	Poster Session	Power & Energy Education	Griffin Hall
<input type="checkbox"/>	8:00 AM	8:50 AM	Std. 2798: Guide for Helicopter Operation Procedures for the Utility Industry.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	8:00 AM	8:50 AM	Std 1724 TF – Guide for the Preparation of a T-Line Design Criteria Document	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	8:00 AM	8:50 AM	Limiting voltage imbalance in electric power systems (P2844)	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	8:00 AM	8:50 AM	IEEE ISS Subcommittee Meeting	Committee Meeting	(AMPS) Intelligent Systems	202
<input type="checkbox"/>	8:00 AM	8:50 AM	Std 1218 TF – Guide for Maintenance of Wood TL Structures	Committee Meeting	Transmission and Distribution	Salon A
<input type="checkbox"/>	8:00 AM	9:00 AM	PRAC Review Transactions on Energy Markets, Policy and Regulation – Private Meeting	Committee Meeting	Other	211
<input type="checkbox"/>	8:00 AM	9:20 AM	Smart Distribution Working Group	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	8:00 AM	9:50 AM	Transactions on Sustainable Energy Editorial Board Meeting	Committee Meeting	Admin	Salon B
<input type="checkbox"/>	8:00 AM	9:50 AM	Membership Development Committee	Committee Meeting	Admin	203
<input type="checkbox"/>	8:00 AM	9:50 AM	Offshore Grid Planning	Panel	Transmission and Distribution	304
<input type="checkbox"/>	8:00 AM	9:50 AM	Capability of Grid Forming STATCOM with and without Energy Storage	Panel	Substations	Salon 4
<input type="checkbox"/>	8:00 AM	9:50 AM	Planning, Deploying, and Operating Energy Storage Systems: From Long-Term Decision-Making to Short-Term Operations	Panel	Energy Storage & Stationary Battery	401
<input type="checkbox"/>	8:00 AM	9:50 AM	Excitation and Control System 421.4 Standard Revision	Committee Meeting	Energy Development and Power Generation	201
<input type="checkbox"/>	8:00 AM	9:50 AM	Practical Aspects of Methods to Capture T&D Interactions in Dynamic Performance of the System	Panel	Power System Dynamic Performance	402
<input type="checkbox"/>	8:00 AM	9:50 AM	Towards More Efficient Grid Control Room Operations: Human Factors Considerations	Panel	PSOPE – Bulk Power System Operations Subcommittee	307

**Please check the IEEE PES GM mobile app for the latest program and event updates.*

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Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	8:00 AM	9:50 AM	Smarter Outage Management and Restoration: How Do Utilities Improve and Excel against Storms via Data Analytics	Panel	(AMPS) Big Data Analytics	408
<input type="checkbox"/>	8:00 AM	9:50 AM	A New Definition of Demand Response in the Distributed Energy Resource Era	Panel	Smart Buildings, Loads & Customer Systems	309
<input type="checkbox"/>	8:00 AM	9:50 AM	Advances in Short Circuit Modeling of Inverter-Based Resources (IBR)	Panel	Power Systems Relaying & Control	308
<input type="checkbox"/>	8:00 AM	9:50 AM	Late Breaking News: Advanced Grid Control: Opportunities and Challenges in ADMS-DERMS Integration	Super Session	Super Session	Salon 8
<input type="checkbox"/>	8:00 AM	9:50 AM	Latest Reach and Study of Inverter-based resources (IBR) driven stability	Panel	Energy Development and Power Generation	407
<input type="checkbox"/>	8:00 AM	9:50 AM	Performance Specifications for Grid-Forming Inverter-based Resources	Panel	Energy Development and Power Generation	Salon 2
<input type="checkbox"/>	8:00 AM	9:50 AM	Control, Modeling, and Field Experience of Grid-Forming Inverters Under Various Constraints-Part I	Panel	Electric Machinery	Salon 1
<input type="checkbox"/>	8:00 AM	9:50 AM	The Power of Voice and Curiosity: Leading Where You Are—Organized by WIP	Panel	Admin	Salon 3
<input type="checkbox"/>	8:00 AM	9:50 AM	Safety in High Voltage Testing, in Laboratories and in the Field	Panel	Power System Instrumentation and Measurements	404
<input type="checkbox"/>	8:00 AM	11:50 AM	Analytic Methods for Power Systems—1	Paper Forum	Admin	406
<input type="checkbox"/>	8:00 AM	11:50 AM	Analytic Methods for Power Systems—2	Paper Forum	Admin	409
<input type="checkbox"/>	8:00 AM	5:00 PM	Power System Basics: Understanding How the Bulk Electric Power System Works (Separate Registration Required)	Plaintalk	Plaintalk	213
<input type="checkbox"/>	8:30 AM	10:20 AM	Shunt Capacitor Standard P18 WG	Committee Meeting	Transmission and Distribution	301
<input type="checkbox"/>	9:00 AM	9:50 AM	T&I Subcommittee Meeting	Committee Meeting	PSOPE – Technologies & Innovation Subcommittee	Brazos Room
<input type="checkbox"/>	9:00 AM	9:50 AM	Task Force on Dynamic Parameter Visibility: Identifiability, Algorithms and Uncertainty Quantification	Committee Meeting	PSOPE—Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	9:00 AM	9:50 AM	Task Force on Coordinated Restoration for Resilient Multi-Energy Networks	Committee Meeting	PSOPE—Bulk Power System Operations Subcommittee	208
<input type="checkbox"/>	9:00 AM	9:50 AM	Std. 1067: Guide for In-Service Use, Care, Maintenance, and Testing of Conductive Clothing for Use on Voltages up to 765kV AC and +/-750 kV DC.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	9:00 AM	9:50 AM	Std 1283 TF—Guide for Determining the Effects of High-Temperature Operation on Conductors, Connectors, and Accessories	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	9:00 AM	9:50 AM	1668—Recommended practice for voltage sag and short interruption ride through testing for end-Use Electrical Equipment rated less than 1000V	Committee Meeting	Transmission and Distribution	302

Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	9:00 AM	9:50 AM	Std 691 TF— Guide for Transmission Structure Foundation Design and Testing	Committee Meeting	Transmission and Distribution	Salon A
<input type="checkbox"/>	9:00 AM	10:50 AM	Working Group on Cyber Security in Power Systems	Committee Meeting	(AMPS) Computer Analytical Methods	202
<input type="checkbox"/>	9:00 AM	10:50 AM	Task Force on Decision Intelligence and Optimization Applications	Committee Meeting	(AMPS) Computer Analytical Methods	204
<input type="checkbox"/>	9:00 AM	10:50 AM	Working Group on Asset Management	Committee Meeting	PSOPE— Distribution System Operation and Planning Subcommittee	205
<input type="checkbox"/>	9:10 AM	10:10 AM	PRAC Review Transactions on Power Systems— Private Meeting	Committee Meeting	Other	211
<input type="checkbox"/>	9:30 AM	10:50 AM	DMS Advanced Applications Integration Working Group	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	10:00 AM	10:50 AM	Resource Adequacy Working Group (RAWG)	Committee Meeting	(AMPS) Reliability and Risk Analysis	Brazos Room
<input type="checkbox"/>	10:00 AM	10:50 AM	4. SBLC— Architecture Subcommittee Meeting	Committee Meeting	Smart Buildings, Loads & Customer Systems	Salon B
<input type="checkbox"/>	10:00 AM	10:50 AM	Task Force on Future TSO-DSO Interaction: Challenges, Business Cases and Solutions	Committee Meeting	PSOPE— Distribution System Operation and Planning Subcommittee	212
<input type="checkbox"/>	10:00 AM	10:50 AM	Working Group on Energy Policy and Regulation	Committee Meeting	PSOPE— Power System Economics Subcommittee	Salon A
<input type="checkbox"/>	10:00 AM	10:50 AM	Task Force on Bulk Power System-Connected Inverter-Based Resource Operation Challenges	Committee Meeting	PSOPE— Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	10:00 AM	10:50 AM	Std 2746 TF— Guide for AC Interference from T-lines	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	10:00 AM	10:50 AM	Grid Modernization TF	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	10:00 AM	10:50 AM	Task force on "Challenges and Future Needs for Dynamic Security Assessment in Control Centers with a Changing Generation Mix"	Committee Meeting	Power System Dynamic Performance	Salon E
<input type="checkbox"/>	10:00 AM	11:50 AM	Transactions on Energy Markets, Policy and Regulation Editorial Board Meeting	Committee Meeting	Admin	207
<input type="checkbox"/>	10:00 AM	11:50 AM	Performance Evaluation of Demand Flexibility Control Strategies: Needs, Challenges, and Standard Testbeds	Panel	Smart Buildings, Loads & Customer Systems	309

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Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	10:00 AM	11:50 AM	Balancing grid needs and fault ride-through control constraints of IBRs	Panel	Power Systems Relaying & Control	308
<input type="checkbox"/>	10:00 AM	11:50 AM	Excitation and Control System 421.2 Standard Revision	Committee Meeting	Energy Development and Power Generation	201
<input type="checkbox"/>	10:00 AM	11:50 AM	Digital Twin in HVDC from minutes to microseconds applications	Panel	Transmission and Distribution	304
<input type="checkbox"/>	10:00 AM	11:50 AM	Powering the Future: Smart Grid Solutions for Electrification and Capacity Challenges	Panel	PSOPE – Distribution System Operation and Planning Subcommittee	404
<input type="checkbox"/>	10:00 AM	11:50 AM	Large Load Integration in ERCOT	Panel	Local Organizing Committee	408
<input type="checkbox"/>	10:00 AM	11:50 AM	European energy projects and grid development activities	Panel	Energy Development and Power Generation	Salon 2
<input type="checkbox"/>	10:00 AM	11:50 AM	Renewables Systems Integration Coordinating Committee Meeting	Committee Meeting	Renewables Systems Integration Coordinating	Salon C
<input type="checkbox"/>	10:00 AM	11:50 AM	Energy Internet Coordinating Committee (EICC) Annual Meeting	Committee Meeting	Energy Internet Coordinating Committee	208
<input type="checkbox"/>	10:00 AM	11:50 AM	SBLC-SBCS Subcommittee Meeting	Committee Meeting	Smart Buildings, Loads & Customer Systems	203
<input type="checkbox"/>	10:00 AM	11:50 AM	Std. 1048: Guide for Protection Grounding of Power Lines.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	10:00 AM	11:50 AM	Explainability for Machine Learning Applications in Power and Energy Systems	Panel	(AMPS) Intelligent Systems	403
<input type="checkbox"/>	10:00 AM	11:50 AM	Working Group on Dynamic Performance of Renewable Energy Systems	Committee Meeting	Power System Dynamic Performance	Salon D
<input type="checkbox"/>	10:00 AM	11:50 AM	Late Breaking News: Recent Grid Events	Super Session	Super Session	Salon 8
<input type="checkbox"/>	10:00 AM	11:50 AM	Power System Strength in Electricity Systems Dominated by CIG: Concepts, Assessment, Challenges and Solutions	Panel	Power System Dynamic Performance	402
<input type="checkbox"/>	10:00 AM	11:50 AM	Long Duration Energy Storage: Technology, Market and Deployment Challenges	Panel	Energy Storage & Stationary Battery	401
<input type="checkbox"/>	10:00 AM	11:50 AM	Achieve the Harmony, Community Engagement in Social Acceptance and Environmental Compatibility in Building Electrical Substations	Panel	Substations	Salon 4
<input type="checkbox"/>	10:00 AM	11:50 AM	Control, Modeling, and Field Experience of Grid-Forming Inverters Under Various Constraints-Part II	Panel	Electric Machinery	Salon 1
<input type="checkbox"/>	10:00 AM	11:50 AM	NPEC Efforts to Address Advanced Reactor Needs and Promote Standards Harmonization	Panel	Nuclear Power Engineering	407
<input type="checkbox"/>	10:00 AM	12:00 PM	PEEC Main Committee	Committee Meeting	Power & Energy Education	307
<input type="checkbox"/>	10:30 AM	11:20 AM	2026 IEEE PES International Meeting	Committee Meeting	Admin	211

Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	10:30 AM	11:50 AM	Guide for Application & Specification of Harmonic Filter WG	Committee Meeting	Transmission and Distribution	301
<input type="checkbox"/>	11:00 AM	11:50 AM	Task Force on Composite System Reliability	Committee Meeting	(AMPS) Reliability and Risk Analysis	Brazos Room
<input type="checkbox"/>	11:00 AM	11:50 AM	Task Force on Foundational Models for Situational Awareness, Computation, and Analysis (LLM TF)	Committee Meeting	(AMPS) Computer Analytical Methods	202
<input type="checkbox"/>	11:00 AM	11:50 AM	Task Force on Virtual Inertia Scheduling and Control for IBR-dominant Power Systems	Committee Meeting	PSOPE – Technologies & Innovation Subcommittee	204
<input type="checkbox"/>	11:00 AM	11:50 AM	Working Group on Machine Learning for Power Systems	Committee Meeting	PSOPE – Technologies & Innovation Subcommittee	Salon B
<input type="checkbox"/>	11:00 AM	11:50 AM	Task Force on Operational Tools for Enabling Resiliency	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	11:00 AM	11:50 AM	Std 524 TF—Guide to the Installation of TL Conductors	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	11:00 AM	11:50 AM	Flicker TF (IEEE Std 1453)	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	11:00 AM	12:50 PM	Std 3132 TF—Guide for Spacers and Spacer-Dampers on Bundled Conductors	Committee Meeting	Transmission and Distribution	Salon C
<input type="checkbox"/>	11:30 AM	12:30 PM	PRAC Review Transactions on Smart Grid—Private Meeting	Committee Meeting	Other	211
<input type="checkbox"/>	11:30 AM	12:50 PM	IEEE Energy Sustainability Magazine Editorial Board Meeting	Committee Meeting	Admin	205
<input type="checkbox"/>	11:30 AM	1:50 PM	CIGRE USNC Meeting and Luncheon	Luncheon	Other	Salon 7
<input type="checkbox"/>	12:00 PM	12:50 PM	Bulk Power System Planning Subcommittee Meeting	Committee Meeting	PSOPE – Bulk Power System Planning Subcommittee	212
<input type="checkbox"/>	12:00 PM	12:50 PM	Task Force on Risk Mitigation in Bulk Power System Operation	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	12:00 PM	12:50 PM	ICHQP Executive Committee	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	12:30 PM	1:50 PM	Distribution Switching and Protection Working Group	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	12:30 PM	2:50 PM	Chapters and Membership Leadership Team Meeting	Committee Meeting	Admin	Salon D

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Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	1:00 PM	1:50 PM	Task Force on Power System Resilience Metrics and Evaluation Methods	Committee Meeting	(AMPS) Reliability and Risk Analysis	Brazos Room
<input type="checkbox"/>	1:00 PM	1:50 PM	Working Group on the Understanding, Prediction, Prevention and Restoration of Cascading Failures	Committee Meeting	(AMPS) Computer Analytical Methods	202
<input type="checkbox"/>	1:00 PM	1:50 PM	Big Data & Analytics for Transmission Systems (WG)	Committee Meeting	(AMPS) Big Data Analytics	Salon E
<input type="checkbox"/>	1:00 PM	1:50 PM	Data Governance in the Cloud for Power Systems	Committee Meeting	(AMPS) Big Data Analytics	Salon A
<input type="checkbox"/>	1:00 PM	1:50 PM	Working Group on Energy forecasting and Analytics	Committee Meeting	PSOPE – Power System Economics Subcommittee	204
<input type="checkbox"/>	1:00 PM	1:50 PM	Task Force on Cyber-Physical Interdependence for Power System Operation and Control	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	1:00 PM	1:50 PM	Std. 1307: Standard for Fall protection for Electric Utility Transmission and Distribution on Poles and Structures.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	1:00 PM	1:50 PM	A Review of Utilities' Plans to Further Enhance Planning Tools, Models, and Strategies for the update of Reliability Standards to Address Inverter-Based Resources Including FERC Order No. 901	Panel	Industry Technical Support Leadership Committee	310
<input type="checkbox"/>	1:00 PM	2:20 PM	Management of Existing Lines WG	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	1:00 PM	2:20 PM	Voltage Quality WG (IEEE Std 1250)	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	1:00 PM	2:50 PM	Emerging Techniques for Weather-Impacted Power System Operation: A Global Perspective	Panel	Energy Development and Power Generation	407
<input type="checkbox"/>	1:00 PM	2:50 PM	Cyber-Physical Power System Resilience: Situational Awareness, Adaptation, and Restoration	Panel	(AMPS) Big Data Analytics	403
<input type="checkbox"/>	1:00 PM	2:50 PM	Excitation and Control System 421.5 Standard Revision	Committee Meeting	Energy Development and Power Generation	201
<input type="checkbox"/>	1:00 PM	2:50 PM	Physical Security Protections & Best Practices for Utilities	Panel	Substations	Salon 4
<input type="checkbox"/>	1:00 PM	2:50 PM	Real-world Use Cases of EMT Simulation & Impact	Panel	Transmission and Distribution	304
<input type="checkbox"/>	1:00 PM	2:50 PM	Texas Electric Grid Resilience: Past, Present, and Future	Panel	Local Organizing Committee	408
<input type="checkbox"/>	1:00 PM	2:50 PM	Aggregating DERs for Grid Services: First-of-its-Kind Pilot Project and Essential Technologies	Panel	Smart Buildings, Loads & Customer Systems	309
<input type="checkbox"/>	1:00 PM	2:50 PM	SBLC Committee Meeting	Committee Meeting	Smart Buildings, Loads & Customer Systems	Salon B
<input type="checkbox"/>	1:00 PM	2:50 PM	PEEC Student Meetings Subcommittee	Committee Meeting	Power & Energy Education	205
<input type="checkbox"/>	1:00 PM	2:50 PM	Digital Twins for Battery Energy Storage: Advancing Grid Operations and Power Markets	Panel	Energy Storage & Stationary Battery	401

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Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	1:00 PM	2:50 PM	Improve Grid Resiliency and Reliability Using Distributed and AI-based Applications	Panel	PSOPE – Bulk Power System Operations Subcommittee	Salon 2
<input type="checkbox"/>	1:00 PM	2:50 PM	Working Group on Integrated Energy System/Multi-energy Network Modeling and Planning Meeting	Committee Meeting	PSOPE – Bulk Power System Planning Subcommittee	212
<input type="checkbox"/>	1:00 PM	2:50 PM	Women in Power Committee	Committee Meeting	Admin	210
<input type="checkbox"/>	1:00 PM	2:50 PM	Technology Improvements and Updates to Distribution system protection and control	Panel	Power Systems Relaying & Control	308
<input type="checkbox"/>	1:00 PM	2:50 PM	Wind and Solar Collector Design Working Group	Committee Meeting	Energy Development and Power Generation	208
<input type="checkbox"/>	1:00 PM	2:50 PM	Resource Adequacy and Energy Assurance	Super Session	Super Session	Salon 8
<input type="checkbox"/>	1:00 PM	2:50 PM	Integrating Relay Models with RMS Dynamic Simulations – Stability Perspective	Panel	Power System Dynamic Performance	402
<input type="checkbox"/>	1:00 PM	2:50 PM	SSO (Including SSCI, SSR, SSTI, SSFR) Issues	Panel	Electric Machinery	404
<input type="checkbox"/>	1:00 PM	4:50 PM	Technical Council, Technical Sessions Committee	Committee Meeting	Admin	Salon C
<input type="checkbox"/>	1:00 PM	4:50 PM	Emerging Synchro-Waveforms Data Analytics and Applications	Panel	Grid & Emerging Technologies Coordinating Committee	307
<input type="checkbox"/>	1:00 PM	4:50 PM	Analytic Methods for Power Systems – 3	Paper Forum	Admin	406
<input type="checkbox"/>	1:00 PM	4:50 PM	Power System Operation, Planning, & Economics – 1	Paper Forum	Admin	409
<input type="checkbox"/>	1:30 PM	2:20 PM	Series Capacitor Standard P824 WG	Committee Meeting	Transmission and Distribution	301
<input type="checkbox"/>	2:00 PM	2:50 PM	2025 GTD Asia	Committee Meeting	Admin	211
<input type="checkbox"/>	2:00 PM	2:50 PM	Multiagent Systems WG Meeting	Committee Meeting	(AMPS) Intelligent Systems	207
<input type="checkbox"/>	2:00 PM	2:50 PM	TASS TF: Power Equipment Vulnerability to GIC	Committee Meeting	(AMPS) Transient Analysis and Simulation	204
<input type="checkbox"/>	2:00 PM	2:50 PM	Working Group on High-Performance Computing for Grid Analysis	Committee Meeting	(AMPS) Computer Analytical Methods	202
<input type="checkbox"/>	2:00 PM	2:50 PM	Data-driven Modeling, Monitoring and Control in Power Distribution Networks (WG)	Committee Meeting	(AMPS) Big Data Analytics	Salon A
<input type="checkbox"/>	2:00 PM	2:50 PM	Task Force on Advanced Intelligence Techniques for Resilient Power System Restoration	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	2:00 PM	2:50 PM	Std. 516: Guide for Maintenance Methods on Energized Power Lines.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	2:00 PM	2:50 PM	Scaling AI in Utilities – Approaches, Challenges, and Lessons learned	Panel	Industry Technical Support Leadership Committee	310
<input type="checkbox"/>	2:00 PM	3:50 PM	IEEE RRPA SC Meeting	Committee Meeting	(AMPS) Reliability and Risk Analysis	Brazos Room

Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	2:00 PM	3:50 PM	WG on Power System Dynamic Modeling	Committee Meeting	Power System Dynamic Performance	Salon E
<input type="checkbox"/>	2:00 PM	3:50 PM	CIGRE USNC Executive Committee Meeting	Committee Meeting	Other	203
<input type="checkbox"/>	2:00 PM	4:50 PM	Distribution Reliability Working Group	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	2:30 PM	3:20 PM	HVDC Lines WG	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	2:30 PM	3:50 PM	Power Quality Standards Coordinating Subcommittee 22	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	2:30 PM	5:20 PM	Series Capacitor Application Guide P1726 WG	Committee Meeting	Transmission and Distribution	301
<input type="checkbox"/>	3:00 PM	3:50 PM	Excitation and Control System Subcommittee	Committee Meeting	Energy Development and Power Generation	201
<input type="checkbox"/>	3:00 PM	3:50 PM	Working Group on Computational Aspect of Distributed Optimization in the Power System	Committee Meeting	(AMPS) Computer Analytical Methods	Salon D
<input type="checkbox"/>	3:00 PM	3:50 PM	Big Data Analytics for Synchro-Waveform Measurements (TF)	Committee Meeting	(AMPS) Big Data Analytics	202
<input type="checkbox"/>	3:00 PM	3:50 PM	Working Group on Integrated Resource Planning Meeting	Committee Meeting	PSOPE – Bulk Power System Planning Subcommittee	212
<input type="checkbox"/>	3:00 PM	3:50 PM	Working Group on Modern and Future Distribution System Planning	Committee Meeting	PSOPE – Distribution System Operation and Planning Subcommittee	204
<input type="checkbox"/>	3:00 PM	3:50 PM	Task Force on Water Power Nexus	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	3:00 PM	3:50 PM	P3546: Guide on Arc Flash Safety Program for Utilities.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	3:00 PM	3:50 PM	Digital Twin 2.0- Going Beyond Today's Modeling and Simulation to Prepare for a Grid 2.0	Panel	Industry Technical Support Leadership Committee	310
<input type="checkbox"/>	3:00 PM	4:20 PM	Transactions on Smart Grid Editorial Board Meeting	Committee Meeting	Admin	Salon B
<input type="checkbox"/>	3:00 PM	4:50 PM	PES Fellows Committee	Committee Meeting	Admin	207
<input type="checkbox"/>	3:00 PM	4:50 PM	Open Access Journal of Power and Energy Editorial Board Meeting	Committee Meeting	Admin	208

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Notes



Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	3:00 PM	4:50 PM	IC22-003: Mobile and Transportable Energy Storage Systems – Technology Readiness, Safety and Operation	Committee Meeting	Admin	205
<input type="checkbox"/>	3:00 PM	4:50 PM	Data-Driven, Community-Centered Energy Resilience Assessment and Planning Toolkit with Grid-Edge Technologies for Urban Areas	Panel	Smart Buildings, Loads & Customer Systems	309
<input type="checkbox"/>	3:00 PM	4:50 PM	Dynamic Line Ratings (DLR) Implementation: Results May Vary	Panel	Transmission and Distribution	401
<input type="checkbox"/>	3:00 PM	4:50 PM	The Evolving Texas Energy Market	Panel	Local Organizing Committee	408
<input type="checkbox"/>	3:00 PM	4:50 PM	Insights gained from small signal stability analysis in systems with high IBR penetration	Panel	Power System Dynamic Performance	402
<input type="checkbox"/>	3:00 PM	4:50 PM	Artificial Intelligence Enabled Digital Twins for Power and Energy Systems	Panel	(AMPS) Intelligent Systems	403
<input type="checkbox"/>	3:00 PM	4:50 PM	Integrating Relay Models with RMS Dynamic Simulations – Protection Perspective	Panel	Power Systems Relaying & Control	308
<input type="checkbox"/>	3:00 PM	4:50 PM	Power System Economics Subcommittee Meeting	Committee Meeting	PSOPE – Power System Economics Subcommittee	Salon A
<input type="checkbox"/>	3:00 PM	4:50 PM	Task Force on Reinforcement Learning for Power System Dynamic Controls (RLPSDC)	Committee Meeting	Power System Dynamic Performance	210
<input type="checkbox"/>	3:00 PM	4:50 PM	Unleashing DER Flexibility for Enhancing Grid Reliability, Efficiency, and Resilience	Panel	PSOPE – Distribution System Operation and Planning Subcommittee	404
<input type="checkbox"/>	3:00 PM	4:50 PM	Market Innovations for Long-Duration Energy Storage: Unlocking the Future of Resilient and Decarbonized Grids	Panel	Energy Storage & Stationary Battery	Salon 1
<input type="checkbox"/>	3:00 PM	4:50 PM	Microgrid-Enabling Tools, Devices, and Standards	Panel	Energy Development and Power Generation	Salon 2
<input type="checkbox"/>	3:00 PM	4:50 PM	Arc Flash Best Practices for Utilities	Panel	Substations	Salon 4
<input type="checkbox"/>	3:00 PM	4:50 PM	Wildfire Panel	Panel	Admin	Salon 3
<input type="checkbox"/>	3:30 PM	4:50 PM	Structural Materials and Hardware WG	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	4:00 PM	4:50 PM	Financial Conferences in Region 9	Committee Meeting	Admin	211
<input type="checkbox"/>	4:00 PM	4:50 PM	Excitation and Control System Dynamics Technical Report	Committee Meeting	Energy Development and Power Generation	201
<input type="checkbox"/>	4:00 PM	4:50 PM	Power System Analysis on GPU and Task Force on Heterogeneous Computing Architectures	Committee Meeting	(AMPS) Computer Analytical Methods	Salon D
<input type="checkbox"/>	4:00 PM	4:50 PM	PEEC Awards Subcommittee	Committee Meeting	Power & Energy Education	203
<input type="checkbox"/>	4:00 PM	4:50 PM	WG Microgrid Applications and Implementation	Committee Meeting	Energy Development and Power Generation	202

Tuesday 7/29 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	4:00 PM	4:50 PM	Working Group on Transmission System Planning Meeting	Committee Meeting	PSOPE – Bulk Power System Planning Subcommittee	212
<input type="checkbox"/>	4:00 PM	4:50 PM	Task Force on Wildfire-Aware Risk Management	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	4:00 PM	4:50 PM	PAR Development: Live Working on Insulators.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	4:00 PM	4:50 PM	Power Quality Interest Group	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	4:00 PM	4:50 PM	Task Force on Benchmark Networks for Low-Inertia Systems	Committee Meeting	Power System Dynamic Performance	Salon E
<input type="checkbox"/>	4:00 PM	4:50 PM	Desire, Potential, and Reality of Virtual Power Plants	Panel	Industry Technical Support Leadership Committee	310
<input type="checkbox"/>	4:00 PM	4:50 PM	Meet with the PES EiCs – Demystifying The Review Process	Panel	Admin	304
<input type="checkbox"/>	5:00 PM	5:50 PM	Subcommittee on Distributed Energy Resources	Committee Meeting	Energy Development and Power Generation	202
<input type="checkbox"/>	5:00 PM	5:50 PM	Task Force on Design BPS-Connected Inverter-Based Resource (IBR) Models for Grid Planning Meeting	Committee Meeting	PSOPE – Bulk Power System Planning Subcommittee	212
<input type="checkbox"/>	6:00 PM	6:50 PM	WG Distributed Battery Storage Management Systems	Committee Meeting	Energy Development and Power Generation	202
<input type="checkbox"/>	7:00 PM	9:00 PM	Awards Gala (Separate Ticket Required)	Dinner		Salon 5-6

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Notes



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Wednesday, July 30

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	6:30 AM	8:00 AM	Attendee Breakfast	Breakfast	Admin	Griffin Hall
<input type="checkbox"/>	6:30 AM	4:00 PM	Registration	Committee Meeting	Admin	Griffin Hall Foyer
<input type="checkbox"/>	7:00 AM	7:50 AM	Finance Committee: Not in Printed Program	Committee Meeting	Admin	209
<input type="checkbox"/>	8:00 AM	8:50 AM	AMPS Administrative meeting	Committee Meeting	Analytic Methods for Power Systems	Salon B
<input type="checkbox"/>	8:00 AM	8:50 AM	ESMO/Show Committee meetings	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	8:00 AM	8:50 AM	Std 1227/1829 TF – Measurement of DC E&M Fields, Testing Corona on Hardware Assemblies	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	8:00 AM	8:50 AM	PSDP Power System Stability Subcommittee	Committee Meeting	Power System Dynamic Performance	Salon F
<input type="checkbox"/>	8:00 AM	8:50 AM	Energy Transition is facing challenges globally, what does this mean for decarbonization goals and power systems?	Panel	Industry Technical Support Leadership Committee	307
<input type="checkbox"/>	8:00 AM	8:50 AM	Sustainable Energy Systems for Developing Communities Workgroup	Committee Meeting	PSOPE – Distribution System Operation and Planning Subcommittee	Salon D
<input type="checkbox"/>	8:00 AM	8:50 AM	Std 751 TF – Guide for Wood Structures Used for Overhead TLs	Committee Meeting	Transmission and Distribution	Salon A
<input type="checkbox"/>	8:00 AM	9:20 AM	Reliability Impacts of Inverter-Based Resources Working Group	Committee Meeting	Transmission and Distribution	208
<input type="checkbox"/>	8:00 AM	9:50 AM	Transactions on Energy Conversion Editorial Board Meeting	Committee Meeting	Admin	Brazos Room
<input type="checkbox"/>	8:00 AM	9:50 AM	Recent Advances in Optimization and Control for Increasing Resiliency in Distribution Systems	Panel	(AMPS) Distribution System Analysis	408
<input type="checkbox"/>	8:00 AM	9:50 AM	Inverter-Based Generation and Loads – Challenges and Opportunities – Part 1	Panel	PSOPE – Bulk Power System Operations Subcommittee	310
<input type="checkbox"/>	8:00 AM	9:50 AM	Practical Challenges in Design, Integration, and Operation of MMC-based HVDC Transmission Systems	Panel	Transmission and Distribution	308
<input type="checkbox"/>	8:00 AM	9:50 AM	Data Scientist for Power System Education	Panel	Power & Energy Education	404
<input type="checkbox"/>	8:00 AM	9:50 AM	Risks of Oscillations: Grid Interactions of Inverter-based Resources and Data Center	Panel	(AMPS) Transient Analysis and Simulation	401
<input type="checkbox"/>	8:00 AM	9:50 AM	The status of utility management using synchrophasors	Panel	Power System Dynamic Performance	Salon 3
<input type="checkbox"/>	8:00 AM	9:50 AM	EDPG Committee – AdCom Meeting	Committee Meeting	Energy Development and Power Generation	201
<input type="checkbox"/>	8:00 AM	9:50 AM	Cybersecurity and Resiliency for Distributed Energy Resources (DERs) and Microgrids	Panel	Power Systems Communications & Cyber Security	402
<input type="checkbox"/>	8:00 AM	9:50 AM	GFM Grid Studies and Need Identification	Panel	Electric Machinery	403

Wednesday 7/30 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	8:00 AM	9:50 AM	Harmonics WG (IEEE Std 519)	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	8:00 AM	9:50 AM	Low-Frequency AC Systems	Committee Meeting	Transmission and Distribution	304
<input type="checkbox"/>	8:00 AM	9:50 AM	Verification Methods for Grid-Forming Inverter-based Resources	Panel	Energy Development and Power Generation	Salon 1
<input type="checkbox"/>	8:00 AM	9:50 AM	Grid-Edge Orchestration and Optimization to Enhance Grid Reliability and Resilience	Panel	PSOPE – Distribution System Operation and Planning Subcommittee	309
<input type="checkbox"/>	8:00 AM	9:50 AM	Evolving Architectures for Interoperability at the Grid Edge	Panel	Grid & Emerging Technologies Coordinating Committee	407
<input type="checkbox"/>	8:00 AM	9:50 AM	Supply Chain Issues and Raw Material Availability	Super Session	Super Session	Salon 8
<input type="checkbox"/>	8:00 AM	10:50 AM	Distribution Resiliency Working Group	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	8:00 AM	11:50 AM	Power System Operation, Planning, & Economics – 2	Paper Forum	Admin	406
<input type="checkbox"/>	8:00 AM	11:50 AM	Power System Operation, Planning, & Economics – 3	Paper Forum	Admin	409
<input type="checkbox"/>	8:00 AM	5:00 PM	Distribution System: Delivering Power to the Customer (Separate Registration Required)	Plaintalk	Plaintalk	213
<input type="checkbox"/>	8:30 AM	9:50 AM	Low Voltage Shunt Capacitor Application TF	Committee Meeting	Transmission and Distribution	212
<input type="checkbox"/>	9:00 AM	9:20 AM	Round Table for Users: Topics for Future Conferences (panels, tutorials, etc.), Transmission Live Work Presentation.	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	9:00 AM	9:50 AM	Financial Conferences in Region 10	Committee Meeting	Admin	210
<input type="checkbox"/>	9:00 AM	9:50 AM	Working Group on DMS	Committee Meeting	PSOPE – Distribution System Operation and Planning Subcommittee	202
<input type="checkbox"/>	9:00 AM	9:50 AM	Working Group on Power System Static and Dynamic State Estimation	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	9:00 AM	9:50 AM	PSDP Power System Stability Controls Subcommittee	Committee Meeting	Power System Dynamic Performance	Salon F
<input type="checkbox"/>	9:00 AM	9:50 AM	Task Force on Electrification on Native Lands	Committee Meeting	PSOPE – Distribution System Operation and Planning Subcommittee	Salon D
<input type="checkbox"/>	9:00 AM	10:20 AM	Lightning Performance of OH Lines WG	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	9:00 AM	12:00 PM	AMPS Committee meeting	Committee Meeting	Analytic Methods for Power Systems	203
<input type="checkbox"/>	9:30 AM	9:50 AM	ESMOL Steering Committee Meeting	Committee Meeting	Transmission and Distribution	303

Wednesday 7/30 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	9:30 AM	10:50 AM	Generation and Energy Storage Integration Working Group	Committee Meeting	Transmission and Distribution	208
<input type="checkbox"/>	10:00 AM	10:50 AM	Financial Conferences in Region 8	Committee Meeting	Admin	210
<input type="checkbox"/>	10:00 AM	10:50 AM	SBLC – Loads Subcommittee Meeting	Committee Meeting	Smart Buildings, Loads & Customer Systems	202
<input type="checkbox"/>	10:00 AM	10:50 AM	Task Force on Power System Synthetic Data Generation and Sharing	Committee Meeting	PSOPE – Technologies & Innovation Subcommittee	Brazos Room
<input type="checkbox"/>	10:00 AM	10:50 AM	Working Group on Power System Restoration	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	209
<input type="checkbox"/>	10:00 AM	10:50 AM	ESMOL Subcommittee meeting	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	10:00 AM	10:50 AM	Harmonics Modeling & Simulation TF	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	10:00 AM	10:50 AM	15.05.14 Education on HVDC and FACTS	Committee Meeting	Transmission and Distribution	307
<input type="checkbox"/>	10:00 AM	10:50 AM	Task Force on Microgrid Pre-Feasibility Toolkit	Committee Meeting	PSOPE – Distribution System Operation and Planning Subcommittee	Salon D
<input type="checkbox"/>	10:00 AM	11:20 AM	IEEE PES Scholarship Plus Initiative	Committee Meeting	Admin	201
<input type="checkbox"/>	10:00 AM	11:50 AM	Transactions on Power Delivery Editorial Board Meeting	Committee Meeting	Admin	Salon A
<input type="checkbox"/>	10:00 AM	11:50 AM	Grid resilience under the paradigm of carbon neutrality, energy storage, and energy justice	Panel	(AMPS) Reliability and Risk Analysis	402
<input type="checkbox"/>	10:00 AM	11:50 AM	Supply Chain and Asset Traceability (SCATE) with Industry Standard Unique IDs and QR Codes – IEEE P3476	Panel	Transmission and Distribution	308
<input type="checkbox"/>	10:00 AM	11:50 AM	Security Concerns and Considerations for Battery Energy Storage Systems: Cybersecurity, Physical Security, and Supply Chains	Panel	Energy Storage & Stationary Battery	Salon 2
<input type="checkbox"/>	10:00 AM	11:50 AM	Grid Strengthening Technologies for Inverter-Based Resource Integration	Panel	PSOPE – Bulk Power System Planning Subcommittee	408

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Wednesday 7/30 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	10:00 AM	11:50 AM	Simulation intelligence for power system analysis and operation	Panel	(AMPS) Transient Analysis and Simulation	401
<input type="checkbox"/>	10:00 AM	11:50 AM	Generative Artificial Intelligence: Pedagogical Challenges and Opportunities in Power and Energy Education	Panel	Power & Energy Education	404
<input type="checkbox"/>	10:00 AM	11:50 AM	Capacitor Subcommittee	Committee Meeting	Transmission and Distribution	212
<input type="checkbox"/>	10:00 AM	11:50 AM	End-to-End DC	Committee Meeting	Transmission and Distribution	304
<input type="checkbox"/>	10:00 AM	11:50 AM	Optimal Restoration Strategy with Security Constraints in Inverter Dominated Power Systems	Panel	Power System Dynamic Performance	Salon 3
<input type="checkbox"/>	10:00 AM	11:50 AM	Smart Grid and beyond – Sustainability, Resilience and New Forms of Demands	Panel	Admin	Salon 4
<input type="checkbox"/>	10:00 AM	11:50 AM	Inverter-Based Generation and Loads – Challenges and Opportunities – Part 2	Panel	PSOPE – Bulk Power System Operations Subcommittee	310
<input type="checkbox"/>	10:00 AM	11:50 AM	HVDC Grid evolution and related grid transformation in Europe	Panel	Energy Development and Power Generation	Salon 1
<input type="checkbox"/>	10:00 AM	11:50 AM	Offshore Equipment Impact on Grids	Panel	Electric Machinery	403
<input type="checkbox"/>	10:00 AM	11:50 AM	Integrating Integrated System Planning by WIP	Panel	Admin	204
<input type="checkbox"/>	10:00 AM	11:50 AM	IEEE Standard 4, High Voltage Test Techniques, Revision and Implementation	Panel	Power System Instrumentation and Measurements	407
<input type="checkbox"/>	10:30 AM	11:50 AM	Corona and Field Effects WG	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	11:00 AM	11:50 AM	Working Group on Probability Applications for Common Mode and dependent outage Events (PACME) in Electric Power Systems	Committee Meeting	(AMPS) Reliability and Risk Analysis	Brazos Room
<input type="checkbox"/>	11:00 AM	11:50 AM	TASS TF: Interfacing Techniques for EMT Simulation Tools	Committee Meeting	(AMPS) Transient Analysis and Simulation	Salon D
<input type="checkbox"/>	11:00 AM	11:50 AM	Bulk Power System Operations Subcommittee Meeting	Committee Meeting	PSOPE – Bulk Power System Operations Subcommittee	202
<input type="checkbox"/>	11:00 AM	11:50 AM	Power Quality Data Analytics WG (P3139)	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	11:00 AM	11:50 AM	Application of Wide Area Probabilistic Methods and Metrics to assess resource adequacy (Probabilistic Planning)	Panel	Industry Technical Support Leadership Committee	307
<input type="checkbox"/>	11:00 AM	12:20 PM	Grid Enhancing Technologies Working Group	Committee Meeting	Transmission and Distribution	208
<input type="checkbox"/>	11:30 AM	1:30 PM	Student, Faculty, Industry Luncheon (Separate Ticket Required)	Luncheon	Admin	Salon 5-6
<input type="checkbox"/>	11:30 AM	5:50 PM	Technical Council/Lunch and Meeting	Committee Meeting	Admin	Salon C
<input type="checkbox"/>	12:00 PM	1:50 PM	Task Force on Power System Restoration with Renewable Energy Sources	Committee Meeting	Power System Dynamic Performance	Salon F

Wednesday 7/30 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	1:00 PM	1:20 PM	Task Force on PQ Team Management	Committee Meeting	Transmission and Distribution	306
<input type="checkbox"/>	1:00 PM	1:50 PM	TASS Task Force on Distributed Energy Resource Islanding Detection	Committee Meeting	(AMPS) Transient Analysis and Simulation	Salon E
<input type="checkbox"/>	1:00 PM	1:50 PM	Big Data & Analytics for Security and Resilience of Power Systems (TF)	Committee Meeting	(AMPS) Big Data Analytics	Salon D
<input type="checkbox"/>	1:00 PM	1:50 PM	SBLC – Task Force on Flexible Grid-interactive Efficient Buildings to Enhance Electric Service Resilience (FlexGEB)	Committee Meeting	Smart Buildings, Loads & Customer Systems	202
<input type="checkbox"/>	1:00 PM	1:50 PM	PSDP Working Group on Dynamic Security Assessment	Committee Meeting	Power System Dynamic Performance	Brazos Room
<input type="checkbox"/>	1:00 PM	2:20 PM	Conductors and Accessories	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	1:00 PM	2:50 PM	Transactions on Power Systems Editorial Board	Committee Meeting	Admin	Salon A
<input type="checkbox"/>	1:00 PM	2:50 PM	Digital Twin for Power Equipment	Panel	Transmission and Distribution	308
<input type="checkbox"/>	1:00 PM	2:50 PM	Wildfire Impacts on the Electric Power Grid: Perspectives from Industry and Academia	Panel	PSOPE – Bulk Power System Operations Subcommittee	310
<input type="checkbox"/>	1:00 PM	2:50 PM	Leveraging Cloud Technologies to Accelerate Grid Decarbonization and Digitalization	Panel	PSOPE – Technologies & Innovation Subcommittee	309
<input type="checkbox"/>	1:00 PM	2:50 PM	Transmission Planning for an Evolving Load Landscape	Panel	PSOPE – Bulk Power System Planning Subcommittee	Salon 3
<input type="checkbox"/>	1:00 PM	2:50 PM	Challenges and lessons for distribution system modeling and analysis considering different architectures, information and technologies	Panel	(AMPS) Distribution System Analysis	408
<input type="checkbox"/>	1:00 PM	2:50 PM	Research and Educational Experiences of NSF CAREER Awardees in Power Systems	Panel	Power & Energy Education	404
<input type="checkbox"/>	1:00 PM	2:50 PM	IEEE PES PSOPE Main Meeting	Committee Meeting	Power System Operation, Planning & Economics	Salon H
<input type="checkbox"/>	1:00 PM	2:50 PM	SCATE Working Group	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	1:00 PM	2:50 PM	Storage-Based Business Models for Intelligent and Sustainable Energy Systems	Panel	(AMPS) Intelligent Systems	402

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Wednesday 7/30 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	1:00 PM	2:50 PM	Islanding Detection Protection Challenges of Inverter-based Resources	Panel	(AMPS) Transient Analysis and Simulation	401
<input type="checkbox"/>	1:00 PM	2:50 PM	Renewable Energy, Resilient Precise time, how close are we?	Panel	Power Systems Communications & Cyber Security	Salon 2
<input type="checkbox"/>	1:00 PM	2:50 PM	Challenges of Engineering the Power System for High Levels of Decarbonization	Super Session	Super Session	Salon 8
<input type="checkbox"/>	1:00 PM	2:50 PM	High Renewable Energy Penetrations within Isolated and Remote Area Power Systems	Panel	Energy Development and Power Generation	Salon 1
<input type="checkbox"/>	1:00 PM	2:50 PM	Smart Grid for Smart City Recommendation and Guidelines	Panel	Energy Development and Power Generation	407
<input type="checkbox"/>	1:00 PM	2:50 PM	Data Center Growth and Grid Readiness.	Panel	Industry Technical Support Leadership Committee	Salon 4
<input type="checkbox"/>	1:00 PM	2:50 PM	Hybrid plants: Flexibility, Challenges, and Opportunities	Panel	Electric Machinery	403
<input type="checkbox"/>	1:00 PM	4:20 PM	HVDC & FACTS Subcommittee Meeting	Committee Meeting	Transmission and Distribution	307
<input type="checkbox"/>	1:00 PM	4:50 PM	Grid Transformation-I	Paper Forum	Admin	406
<input type="checkbox"/>	1:00 PM	4:50 PM	Grid Transformation-II	Paper Forum	Admin	409
<input type="checkbox"/>	1:30 PM	2:50 PM	Transmission Voltage Optimization Working Group	Committee Meeting	Transmission and Distribution	208
<input type="checkbox"/>	1:30 PM	3:20 PM	PQ Subcommittee	Committee Meeting	Transmission and Distribution	303
<input type="checkbox"/>	1:30 PM	3:20 PM	Student Job Fair	Reception	Admin	Salon 5-6
<input type="checkbox"/>	2:00 PM	2:50 PM	Task Force on Reinforcement Learning for Power System Dynamic Control	Committee Meeting	PSOPE – Technologies & Innovation Subcommittee	202
<input type="checkbox"/>	2:00 PM	3:20 PM	TASS WG: Modeling and Analysis of System Transients using Digital Programs	Committee Meeting	(AMPS) Transient Analysis and Simulation	Salon E
<input type="checkbox"/>	2:00 PM	3:50 PM	NEMA CP8 Section (Members Only)	Committee Meeting	Transmission and Distribution	212
<input type="checkbox"/>	2:30 PM	3:50 PM	Design and Construction WG	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	3:00 PM	3:50 PM	Task Force on Datasets for Machine Learning of Dynamic Stability Prediction	Committee Meeting	Power System Dynamic Performance	Salon F
<input type="checkbox"/>	3:00 PM	3:50 PM	Task Force on Forced Oscillations	Committee Meeting	Power System Dynamic Performance	Salon B
<input type="checkbox"/>	3:00 PM	4:20 PM	EMC Motor Committee	Committee Meeting	Electric Machinery	Salon A
<input type="checkbox"/>	3:00 PM	4:50 PM	Publications Board Meeting	Committee Meeting	Admin	207
<input type="checkbox"/>	3:00 PM	4:50 PM	Unlocking Market Potential: Synergistic Advances in Energy Storage and Hybrid Resource	Panel	Energy Development and Power Generation	403

Wednesday 7/30 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	3:00 PM	4:50 PM	The Role of Grid-Forming Distributed Energy Resources in an Inverter-Dominated Power System	Panel	Transmission and Distribution	308
<input type="checkbox"/>	3:00 PM	4:50 PM	Synchro-Waveforms Data Analytics and Applications in Power Distribution Systems	Panel	(AMPS) Distribution System Analysis	408
<input type="checkbox"/>	3:00 PM	4:50 PM	AI-Powered Grids: Leveraging LLMs and Cloud to Redefine Intelligence for Power Systems	Panel	PSOPE – Technologies & Innovation Subcommittee	309
<input type="checkbox"/>	3:00 PM	4:50 PM	Opportunities and Challenges in Research and Education of Quantum Computing for Power Systems	Panel	Power & Energy Education	404
<input type="checkbox"/>	3:00 PM	4:50 PM	BDA Subcommittee	Committee Meeting	(AMPS) Big Data Analytics	Salon D
<input type="checkbox"/>	3:00 PM	4:50 PM	Distribution System Operation and Planning Subcommittee Meeting	Committee Meeting	PSOPE – Distribution System Operation and Planning Subcommittee	Brazos Room
<input type="checkbox"/>	3:00 PM	4:50 PM	Transmission Subcommittee	Committee Meeting	Transmission and Distribution	208
<input type="checkbox"/>	3:00 PM	4:50 PM	Modeling and Control of Multiterminal High Voltage dc Grids for Improved Grid Strength for Interconnection of Converter-Interfaced-Generator dominated ac Systems	Panel	Transmission and Distribution	401
<input type="checkbox"/>	3:00 PM	4:50 PM	Benchmarking of Artificial Intelligence Methods for Forecasting and Energy Competitions	Panel	(AMPS) Intelligent Systems	402
<input type="checkbox"/>	3:00 PM	4:50 PM	Energy storage management for efficient market integration and operation	Panel	Energy Storage & Stationary Battery	Salon 1
<input type="checkbox"/>	3:00 PM	4:50 PM	Challenges and Solutions in High Level of Decarbonization of Power Systems	Panel	Energy Development and Power Generation	407
<input type="checkbox"/>	3:00 PM	4:50 PM	DER Management System (DERMS) and Virtual Power Plant (VPP) Field Deployments	Panel	PSOPE – Distribution System Operation and Planning Subcommittee	310
<input type="checkbox"/>	3:30 PM	4:50 PM	Distribution Subcommittee	Committee Meeting	Transmission and Distribution	302
<input type="checkbox"/>	4:00 PM	4:50 PM	Task Force on Advanced Methods for Computational Intensive Power System Planning Applications Meeting	Committee Meeting	PSOPE – Bulk Power System Planning Subcommittee	202
<input type="checkbox"/>	4:00 PM	4:50 PM	Changes to the NESC WG	Committee Meeting	Transmission and Distribution	Salon G

**Please check the IEEE PES GM mobile app for the latest program and event updates.*

Notes



Wednesday 7/30 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	4:00 PM	5:20 PM	EMC Renewables Committee	Committee Meeting	Electric Machinery	Salon B
<input type="checkbox"/>	4:30 PM	6:20 PM	NEMA Insulators WG (Invite Only)	Committee Meeting	Transmission and Distribution	Salon A
<input type="checkbox"/>	5:00 PM	6:00 PM	ACPE-Australasian committee for Power Engineering Universities	Committee Meeting	Other	202
<input type="checkbox"/>	5:00 PM	6:50 PM	PSDP AdComm	Committee Meeting	Power System Dynamic Performance	Salon F
<input type="checkbox"/>	5:00 PM	7:00 PM	Women in Power Reception	Reception	Admin	Salon 7
<input type="checkbox"/>	5:30 PM	7:30 PM	Korean Power Engineers	Committee Meeting	Other	401
<input type="checkbox"/>	6:00 PM	7:30 PM	Power Professionals – India Group	Committee Meeting	Other	402
<input type="checkbox"/>	6:00 PM	7:30 PM	Bangladesh Power Engineering Meeting	Committee Meeting	Other	202
<input type="checkbox"/>	7:00 PM	8:20 PM	Women in Power Faculty Meeting	Committee Meeting	Admin	Brazos Room

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Notes



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Thursday, July 31

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	6:30 AM	8:00 AM	Attendee Breakfast	Breakfast	Admin	Griffin Hall
<input type="checkbox"/>	6:30 AM	12:00 PM	Registration	Committee Meeting	Admin	Griffin Hall Foyer
<input type="checkbox"/>	7:00 AM	11:50 AM	T&D Adcom	Committee Meeting	Transmission and Distribution	208
<input type="checkbox"/>	8:00 AM	9:20 AM	EMC Generator Subcommittee	Committee Meeting	Electric Machinery	Salon A
<input type="checkbox"/>	8:00 AM	9:20 AM	Working Group P2681 – Guide for Testing MV Smart Grid Sensor and IED Systems	Committee Meeting	Power System Instrumentation and Measurements	204
<input type="checkbox"/>	8:00 AM	9:50 AM	Electromagnetic transient simulation technologies and practical cases of large Power grids	Panel	(AMPS) Computer Analytical Methods	408
<input type="checkbox"/>	8:00 AM	9:50 AM	Learning-based modeling, operation and control of demand-side flexibility to decarbonize future power system	Panel	Energy Development and Power Generation	Salon 1
<input type="checkbox"/>	8:00 AM	9:50 AM	Identification of Models for Harmonic Studies based on Field Measurements	Panel	Transmission and Distribution	401
<input type="checkbox"/>	8:00 AM	9:50 AM	Education and Workforce Training for Grid-Forming (GFM) Inverters	Panel	Power & Energy Education	404
<input type="checkbox"/>	8:00 AM	9:50 AM	Probabilistic Adequacy in Long Term Planning Models: Approaches for Integration	Panel	(AMPS) Reliability and Risk Analysis	403
<input type="checkbox"/>	8:00 AM	9:50 AM	Harnessing Electric Vehicle Flexibility as Grid Resource to Support Renewable Integration	Panel	Energy Development and Power Generation	407
<input type="checkbox"/>	8:00 AM	9:50 AM	Operations of the future: next generation risk management, market design, technologies and optimization tools for control room	Panel	PSOPE – Technologies & Innovation Subcommittee	307
<input type="checkbox"/>	8:00 AM	9:50 AM	Insulator Performance and Application WG	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	8:00 AM	9:50 AM	Decarbonization of the Electric Grid: Ensuring Grid Resilience, Equity, and Fairness	Panel	(AMPS) Reliability and Risk Analysis	402
<input type="checkbox"/>	8:00 AM	9:50 AM	PES Technical Roadmap Task Force	Committee Meeting	Admin	201
<input type="checkbox"/>	8:00 AM	9:50 AM	New Technologies	Super Session	Super Session	Salon 8
<input type="checkbox"/>	8:00 AM	9:50 AM	Advances in Transmission Protection for High-IBR Systems	Panel	Power Systems Relaying & Control	310
<input type="checkbox"/>	8:00 AM	9:50 AM	Load Forecasting and Grid-Edge Flexibility: Key Elements of Integrated Grid Planning	Panel	PSOPE – Distribution System Operation and Planning Subcommittee	309
<input type="checkbox"/>	8:00 AM	9:50 AM	Hierarchical Multi-Tier Energy Market Architecture: The Emergence of Distribution Local Markets	Panel	PSOPE – Power System Economics Subcommittee	308
<input type="checkbox"/>	8:00 AM	9:50 AM	Nonlinear Dynamics and Stability of IBR-Dominated Power Systems	Panel	Power System Dynamic Performance	Salon 2
<input type="checkbox"/>	8:00 AM	9:50 AM	IEEE SA P2882 WG committee	Committee Meeting	Analytic Methods for Power Systems	302

Thursday 7/31 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	8:00 AM	10:50 AM	EDPG Main Meeting	Committee Meeting	Energy Development and Power Generation	Brazos Room
<input type="checkbox"/>	8:00 AM	11:50 AM	Emerging Technologies – I	Paper Forum	Admin	409
<input type="checkbox"/>	8:00 AM	11:50 AM	Emerging Technologies – II	Paper Forum	Admin	406
<input type="checkbox"/>	8:00 AM	4:50 PM	IEEE Hydroelectric Power Subcommittee	Committee Meeting	Energy Development and Power Generation	203
<input type="checkbox"/>	8:00 AM	5:00 PM	Transmission System: The Interconnected Bulk Electric System (Separate Registration Required)	Plaintalk	Plaintalk	213
<input type="checkbox"/>	9:00 AM	10:20 AM	IGETCC Committee Meeting	Committee Meeting	Grid & Emerging Technologies Coordinating Committee	202
<input type="checkbox"/>	10:00 AM	11:20 AM	Electric Machines Committee	Committee Meeting	Electric Machinery	Salon A
<input type="checkbox"/>	10:00 AM	11:20 AM	Corrosion Management WG	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	10:00 AM	11:20 AM	Sensors Application Guide Task Force:	Committee Meeting	Power System Instrumentation and Measurements	204
<input type="checkbox"/>	10:00 AM	11:50 AM	Large Language Models (LLMs) for Grid Planning and Operations: Benefits, Challenges, and Use-cases	Panel	(AMPS) Computer Analytical Methods	408
<input type="checkbox"/>	10:00 AM	11:50 AM	Power system control rooms of the future: Integrated big data analytics for security and resilience	Panel	(AMPS) Big Data Analytics	407
<input type="checkbox"/>	10:00 AM	11:50 AM	Digital Twin of Large-Scale Power Systems: Enablers, Experiences, and Lessons Learned	Panel	PSOPE – Technologies & Innovation Subcommittee	Salon 1
<input type="checkbox"/>	10:00 AM	11:50 AM	Future Energy Communities: Optimization, Control, and Market with Human Factors	Panel	PSOPE – Power System Economics Subcommittee	Salon 2
<input type="checkbox"/>	10:00 AM	11:50 AM	Workforce Training of Dynamic Modeling and Analysis in the Era of Energy Transition	Panel	Power & Energy Education	404
<input type="checkbox"/>	10:00 AM	11:50 AM	Energy Storage as Grid Assets: Controls, Challenges and Opportunities	Panel	Transmission and Distribution	401
<input type="checkbox"/>	10:00 AM	11:50 AM	An International Perspective for Electrification Strategies, Including Transportation, Heating, and Data Centers	Panel	Energy Development and Power Generation Committee	307

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Thursday 7/31 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	10:00 AM	11:50 AM	Full EMT Simulation of Large Power Systems	Panel	(AMPS) Transient Analysis and Simulation	403
<input type="checkbox"/>	10:00 AM	11:50 AM	Reinvention in the Power Sector in the Changing Scenario	Panel	Energy Development and Power Generation	402
<input type="checkbox"/>	10:00 AM	11:50 AM	Do Flexibility Needs and Attributes Impact the Resource Adequacy Problem and its Solutions?	Panel	PSOPE – Power System Economics Subcommittee	308
<input type="checkbox"/>	10:00 AM	11:50 AM	HVDC Systems Supply Chain Issues and Ways Forward	Panel	Transmission and Distribution	309
<input type="checkbox"/>	10:00 AM	11:50 AM	Forecasting Electric Vehicle Load for Future Grid Planning: Challenges and Innovation	Panel	Smart Buildings, Loads & Customer Systems	310
<input type="checkbox"/>	10:00 AM	12:50 PM	PSDP Committee Meeting	Committee Meeting	Power System Dynamic Performance	Salon B
<input type="checkbox"/>	11:30 AM	12:50 PM	Overhead Lines Adcom (Invite Only)	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	1:00 PM	2:20 PM	Overhead Lines Subcommittee	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	1:00 PM	2:20 PM	Sensor Standard Task Force	Committee Meeting	Power System Instrumentation and Measurements	212
<input type="checkbox"/>	1:00 PM	2:50 PM	Resilience in Energy Eco-System: Challenges and Lessons Learned	Panel	(AMPS) Reliability and Risk Analysis	403
<input type="checkbox"/>	1:00 PM	2:50 PM	Building a Resilient Grid: Bridging Utility Strategies, Customer Engagement, and Societal Impacts for Extreme Weather Challenge	Panel	Transmission and Distribution	401
<input type="checkbox"/>	1:00 PM	2:50 PM	The Role of High-Performance and Heterogeneous Computing Education and Research in the Global Energy Transition	Panel	Power & Energy Education	404
<input type="checkbox"/>	1:00 PM	2:50 PM	Microgrid Implementation: Lessons Learned and Navigating Interconnection Challenges	Panel	Energy Development and Power Generation	Salon 1
<input type="checkbox"/>	1:00 PM	2:50 PM	High-level programming methods of EMT tools	Panel	(AMPS) Transient Analysis and Simulation	407
<input type="checkbox"/>	1:00 PM	2:50 PM	Computational Challenges for Integrating Operation and Markets in Power System Planning	Panel	PSOPE – Bulk Power System Planning Subcommittee	408
<input type="checkbox"/>	1:00 PM	2:50 PM	Quantum Computing for Power System Optimization	Panel	PSOPE – Technologies & Innovation Subcommittee	409
<input type="checkbox"/>	2:00 PM	2:50 PM	TASS WG: Geomagnetic Disturbance (GMD) and Geomagnetically Induced Current(GIC)	Committee Meeting	(AMPS) Transient Analysis and Simulation	202
<input type="checkbox"/>	2:30 PM	3:50 PM	Overhead Lines Special Sessions	Committee Meeting	Transmission and Distribution	Salon G
<input type="checkbox"/>	3:00 PM	4:20 PM	Sensors Subcommittee	Committee Meeting	Power System Instrumentation and Measurements	212

Thursday 7/31 continued

	Start	End	Session Name	Session Type	Sponsoring Committee	Room
<input type="checkbox"/>	3:00 PM	4:50 PM	Data Anomaly in PMU Signals: Detection, Correction, Validation, and Impact on WAMS Applications	Panel	(AMPS) Computer Analytical Methods	408
<input type="checkbox"/>	3:00 PM	4:50 PM	Modeling and Simulation of DC Power Quality	Panel	Transmission and Distribution	401
<input type="checkbox"/>	3:00 PM	4:50 PM	Demand-side Flexibility and Grid Interaction: New Energy Solutions for Future Habitats with Urban Distribution Systems	Panel	(AMPS) Distribution System Analysis	407
<input type="checkbox"/>	3:00 PM	4:50 PM	Electricity system transition to a sustainable energy supply	Panel	Energy Development and Power Generation	Salon 1
<input type="checkbox"/>	3:00 PM	4:50 PM	Grid Service Provision and Market Integration of Distributed Energy Resources	Panel	PSOPE – Power System Economics Subcommittee	309
<input type="checkbox"/>	3:00 PM	4:50 PM	Managing reserve procurement in a future grid that is made up of emission free resources	Panel	PSOPE – Power System Economics Subcommittee	308
<input type="checkbox"/>	3:00 PM	4:50 PM	Power system planning and operation under extreme weather event	Panel	Energy Internet Coordinating Committee	Salon 2
<input type="checkbox"/>	4:00 PM	4:50 PM	Working Group on Assessment of Power System Flexibility Meeting	Committee Meeting	PSOPE – Bulk Power System Planning Subcommittee	Brazos Room
<input type="checkbox"/>	4:00 PM	5:50 PM	ANSI C29 WG	Committee Meeting	Transmission and Distribution	Salon G

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Notes



2025 IEEE PES ELECTION CANDIDATES

The IEEE Power & Energy Society (PES) Governing Board has approved the following candidates for the offices of 2026/2027: President-Elect, Treasurer, and Secretary.

Election ballots will be distributed to the PES membership on 16 July 2025. To be counted, the ballot must be received by 12:00 noon Eastern Time on 1 October 2025.

If you have questions on the overall PES election process, please email pes@ieee.org.

Candidates for IEEE PES President-Elect



Claudio Canizares

I have been at the University of Waterloo since 1993, where I am a University Professor, Hydro One Chair, and WISE Executive Director. My highly cited research with industry and government partners has focused on relevant and practical aspects of power and energy systems in the context of decarbonization and grid-edge technologies. I am a former IEEE Trans. Smart Grid EIC and IEEE Division VII Director, as well as a Fellow of the IEEE, Royal Society of Canada, Canadian Academy of Engineering, and Chinese Society for Electrical Engineering, and have received multiple awards and recognitions from the PES and various institutions.

I have been a very active member of PES since 1986, contributing significantly to its multiple activities and initiatives. I have played leadership roles and have been an active member of the PES Governing Board and Executive Committee, IEEE TAB and BOD, and multiple IEEE and PES committees.

Candidate Statement

I have unique expertise and broad knowledge of the PES and IEEE, given my multiple successful activities and leadership positions in almost 40 years of active member and volunteer, particularly as IEEE Division VII Director. Based on my wide experience and open and transparent approach as PES and IEEE leader, as members and volunteers with whom I've had the pleasure of collaborating would attest to, I believe that I can provide the required stewardship of the PES to serve its large academic, industry, and world-wide membership.

As in all my PES and IEEE roles, I will follow an inclusive, transparent, and generous leadership style if elected PES President. Furthermore, besides facilitating and supporting all the great ongoing work by PES members and volunteers, I will focus on enhancing the impact and relevance of PES to the world's Net-Zero future for which the power grid will be the backbone, and will work on increasing the growing PES relevance and leadership role within the IEEE, which I have been encouraging and supporting as IEEE and PES leader.

IEEE Accomplishments/Activities

I have held 63 PES and IEEE membership and leadership positions, in particular:

- Chair, IEEE Fellow N&A Committee, 2025.
- Vice-Chair, IEEE Technology for a Sustainable Climate Matrix Organization, 2025.
- Chair, IEEE TAB Climate Change Program, 2025.
- Chair, IEEE Ad Hoc Committee on Technology for a Sustainable Climate, 2024.
- Member, IEEE N&A Committee, 2024–2025.
- Member, TAB N&A Committee, 2023–2024.
- Member, IEEE Fellow Committee Strategic Advisory WG, 2023.
- Director and Director-Elect, Division VII, 2021–2023.
- Member, IEEE Ad Hoc Committee to Coordinate 's Response to Climate Change, 2022–2023.
- Member, IEEE Ad Hoc Committee on Fellows Processes, 2022.
- Editor in Chief, IEEE Transactions on Smart Grid, 2020–2024.
- Chair, Electrification Magazine Steering Committee, 2019–2024.
- Past-Chair, Chair, Vice-Chair, and Secretary, Power System Dynamic Performance Committee, 2013–2020.
- Chair, Task Forces "Microgrid Dynamic Modeling," "Microgrid Stability Analysis and Modeling," and "Microgrid Control," Power System Stability Subcommittee, 2010–2023.
- Editor and Lead, Smart Grid Technical Activities Committee's white paper "Microgrids: Utility Challenges and Opportunities," 2018–2022.
- Editor in Chief, Proceedings of the IEEE Special Issue "Electricity for All: Access to Electricity Issues and Solutions for Energy-disadvantaged Communities," 2018–2019.
- Technical Program Chair, ISGT Latin America, 2016–2017.
- Member, Editorial Board of the Proceedings of the IEEE, 2016–2021.
- Chair and Secretary, Power Systems Stability Controls Subcommittee, 2006–2011.
- Fellow (2007), Senior Member (2000), Member (1991), and Student Member (1986).
- Chair, Task Force "Impact of Industry Restructuring on System Dynamic Performance," Power System Stability Subcommittee, 2005–2010.
- Chair and Secretary, Voltage Stability Working Groups, Power System Stability Subcommittee, 1997–2002.

I have received 20 IEEE and PES awards and recognitions, in particular:

- Best Paper Award, 2022
- Technical Council Outstanding Technical Report Awards, 2020 and 2005
- Technical Committee Service Awards, 2019 and 2017
- Outstanding Power Engineering Educator Award, 2017
- IEEE Canada Electric Power Medal, 2016
- PowerTech Best Student Paper Award, 2015
- IEEE Fellow, 2007

Candidates for IEEE PES President-Elect



Bikash Pal

As Commonwealth scholar, I obtained PhD from Imperial College London. My research in electric energy system stability and control are sponsored by power companies, UK and European Research Council. I led three multi-university research consortia between UK, China and UK India. My research group has received 2016 Imperial President Award for Outstanding Research. The research outcome of my team is put in practice by Siemens and GE. United Nations have consulted me for solving technical problems in power transmission. I have graduated 32 PhDs, published about 135 IEEE journal papers, and co-authored four books.

I am Fellow of IEEE, IET and The Royal Academy of Engineering (UK). I was Editor-in-Chief (EiC) of IEEE Transactions on Sustainable Energy (2012–17), IET Generation, Transmission and Distribution (2005–12) and Vice-President, Publications, PES, IEEE (2019–23). I was Mercator Professor in Germany, Otto Monsted Professor in Denmark and distinguished Visiting Professor at NCEPU and Tsinghua University.



Candidate Statement

Climate change is already impacting the life and living in our planet. Electrification, energy access, equity—all are very pressing challenges for sustainable net zero transition for the world community. The PES as a global network of power engineering professionals has a huge responsibility to deliver this transition. Through its flagship conference, technical activities PES needs to provide a platform for inclusive engagement for innovations in net zero technologies, their developments and disseminations. Through PES we need to have our education programme that is fit for the future. I will focus on decentralising our governance and decisions through our chapter leadership, so PES is globally relevant. The PES leads in IEEE Standards, but I will work to bring PES and other related standard development entities together to develop compatible standards that enables adoption of net zero technologies globally. Through the mentoring, technical activities, outstanding volunteering programs of PES, I have immensely grown. Leveraging that legacy, let us all learn, work and deliver together to help build a sustainable society that is inclusive and works for everyone.

IEEE Accomplishments/Activities

As the PES Governing Board as VP Publications for 5 years, I have worked with the board for implementing evolving publications practice from IEEE Periodical. As LRP Membership and Chapter Sub Committee Chair, I have contributed to the Long-term PES strategy for developing new visions and strategy for growth and membership benefits. Since 2019, I sat in the PES Finance Committee for strategizing funding for several new initiatives from different PES verticals and other subcommittees of LRP. I have served in the PES Bylaws committee for one term. As Chair of PES Power System Dynamic Performance Technical Committee, I supported large number of technical WGs and TFs on technical activity.

For a period 6 years as Editor-in-Chief of IEEE Transactions on Sustainable Energy (2012–2017) I led the journal very successfully to transform this into a flagship journal with a high impact factor. As VP PES Publications (2019–2023), I have provided outstanding service to PES Publications. Under my leadership three new publication products: IEEE OA Journal of Power and Energy, PES Chapter of IEEE ACCESS and IEEE Trans on Electricity Markets, Policy and Regulation were successfully launched—all these are very successful periodicals. I have promoted diversity in various PES Transactions editorial boards and started a good practice to make EIC and AE appointments open, transparent, and inclusive. During my tenure as VP Publications 76 women were appointed as Editors in seven IEEE PES journals and two magazines and IEEE PES Section of IEEE ACCESS The publication in PES is more affordable (now up to 12 page is free for authors as against 8 pages earlier). I have offered more than 50 DLPs across all IEEE regions as a DLP speaker. I served in IEEE Periodical Committee (2018–2019), as Member where I contributed to the development of new publications and products.

Candidates for IEEE PES President-Elect



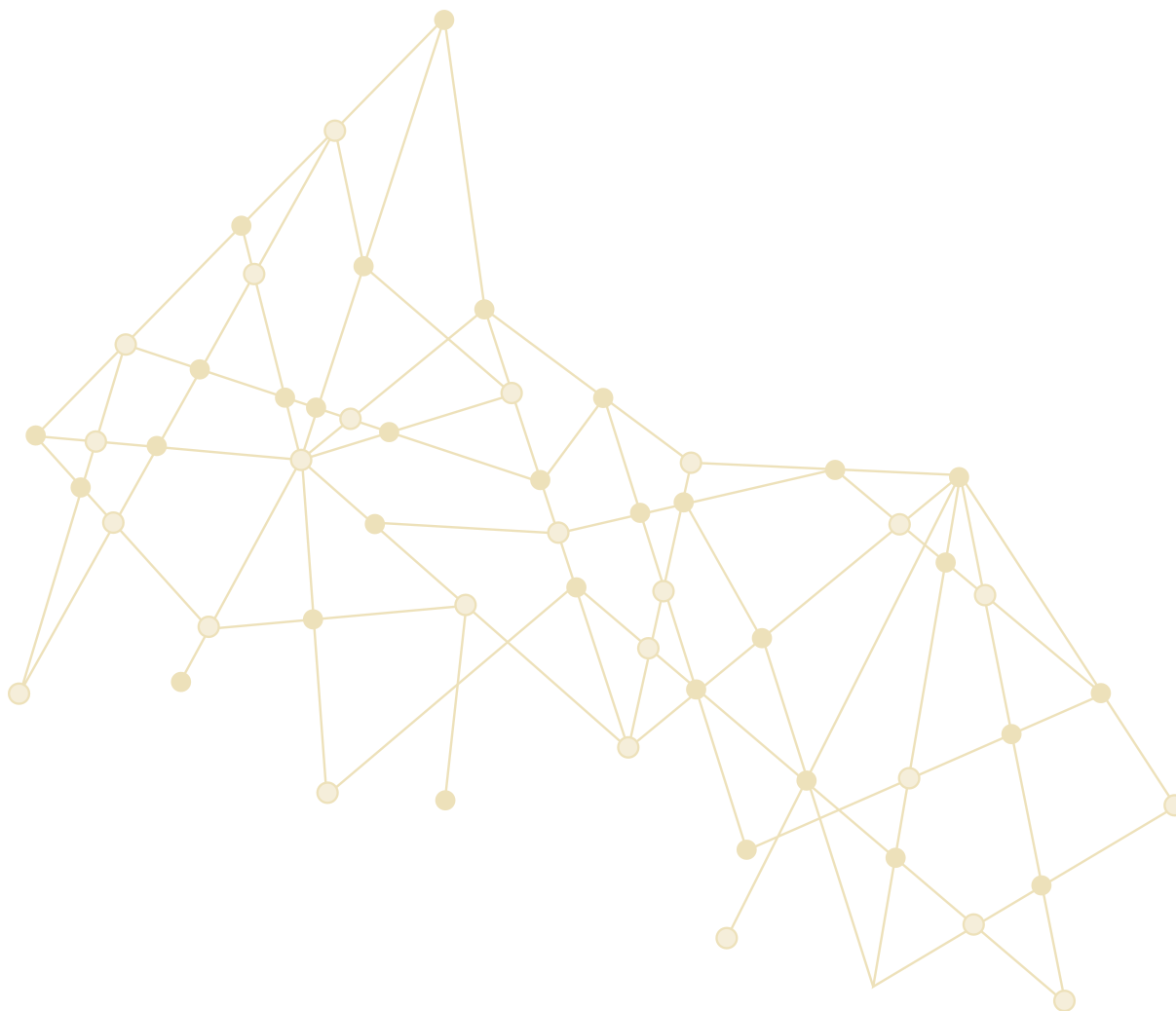
Edvina Uzunovic

Dr. Edvina Uzunovic has over 25 years of experience in the power systems **industry and academia**. She has been a vital contributor to the overall success of several leading power industry organizations, utilities and manufacturers, while serving different roles. She is currently Assistant Teaching Professor and Associate Director of Power System Engineering at Worcester Polytechnic Institute in Massachusetts, USA.

Dr. Uzunovic holds a B.Sc. from the University of Sarajevo, Bosnia and Herzegovina, and an M.Sc. and Ph.D. in Electrical and Computer Engineering from the University of Waterloo, Ontario, Canada.

Throughout her career, she has received numerous accolades, including the first place at the **IEEE PES Student Poster Contest (1999)**, the **EPRI Innovators Award (2002)**, the **EPRI Technology Award** for contributions to FACTS technology, and **Recognition Awards** from the **U.S. National Committee of CIGRE** for her outstanding technical papers in 2002 and 2006.

She is a senior member of IEEE PES.



Candidate Statement

As a candidate for IEEE PES President-Elect, I am dedicated to advancing our society's mission by fostering a culture of continuous education and professional development for our members. I aim to enhance PES University, a platform I formed, by offering ongoing learning opportunities that ensure members remain at the forefront of industry advancements.

Equally important is **bridging the gap between industry and academia** by uniting around the shared goal of innovation and education. By focusing on emerging technologies, we empower our members to lead the transition to a cleaner, sustainable energy future.

We must also **address new energy trends and develop standards** for seamless integration. Key priorities include reemergence of nuclear power through Small Modular Reactors to support energy-intensive AI data centers, as well as initiatives that integrate nuclear, energy/water, and hydrogen programs.

Above all, it is important to create **climate resilient power systems** while safeguarding IEEE PES's independence and integrity. Together, we can strengthen our community, expand educational resources, and cultivate a culture of continuous learning and innovation.

Thank you for your support.

IEEE Accomplishments/Activities

Edvina has been IEEE PES member for a full 28 years. Edvina's affiliation began in 1996 when, as a graduate student, she published her first IEEE Transactions paper. As a student member, she fully leveraged PES resources, laying the foundation for a lifelong commitment.

Edvina transitioned from a student to a professional member and began actively volunteering in 2008. She served as IEEE Region 4 Representative from 2008 to 2011 and then as IEEE Region 1 Representative from 2011 to 2016, boosting R1 Professional Chapter activities by over 50% during her tenure.

Between 2011 and 2016, Edvina contributed significantly to the PES Scholarship Plus award program, participating in the Steering Committee and chairing the Region 1 Selection Committee. In 2016, she assumed the role of PES Vice President, marking a period of remarkable volunteer productivity. In this capacity, she managed existing PES student scholarships and spearheaded the establishment of the PES Outstanding Student Scholarship by forming an international selection committee of esteemed professors.

One of her notable achievements is the conception and formation of PES University, an online platform that now serves as a destination for educational webinars and tutorials. Additionally, she launched the inaugural PES High-School initiative in 2018, providing high-school students with opportunities to present projects, explore the T&D Exhibition Hall, and consider careers in the power industry.

Edvina continues to be a dynamic force in the community through her roles on several committees and boards, including the IEEE PES Long-Range Planning Committee (2014–2021), the Editorial Board of IEEE P&E Magazine (2016–2022), and the Global Power System Transformation Consortium's Workforce Development Pillar Group, as well as IEEE PES Industry Technical Support Leadership Committee (ITS LC) (2021–present).

Her enduring commitment to IEEE PES has advanced society's mission, shaping the future of power systems education and industry development.

Candidate for IEEE PES Secretary

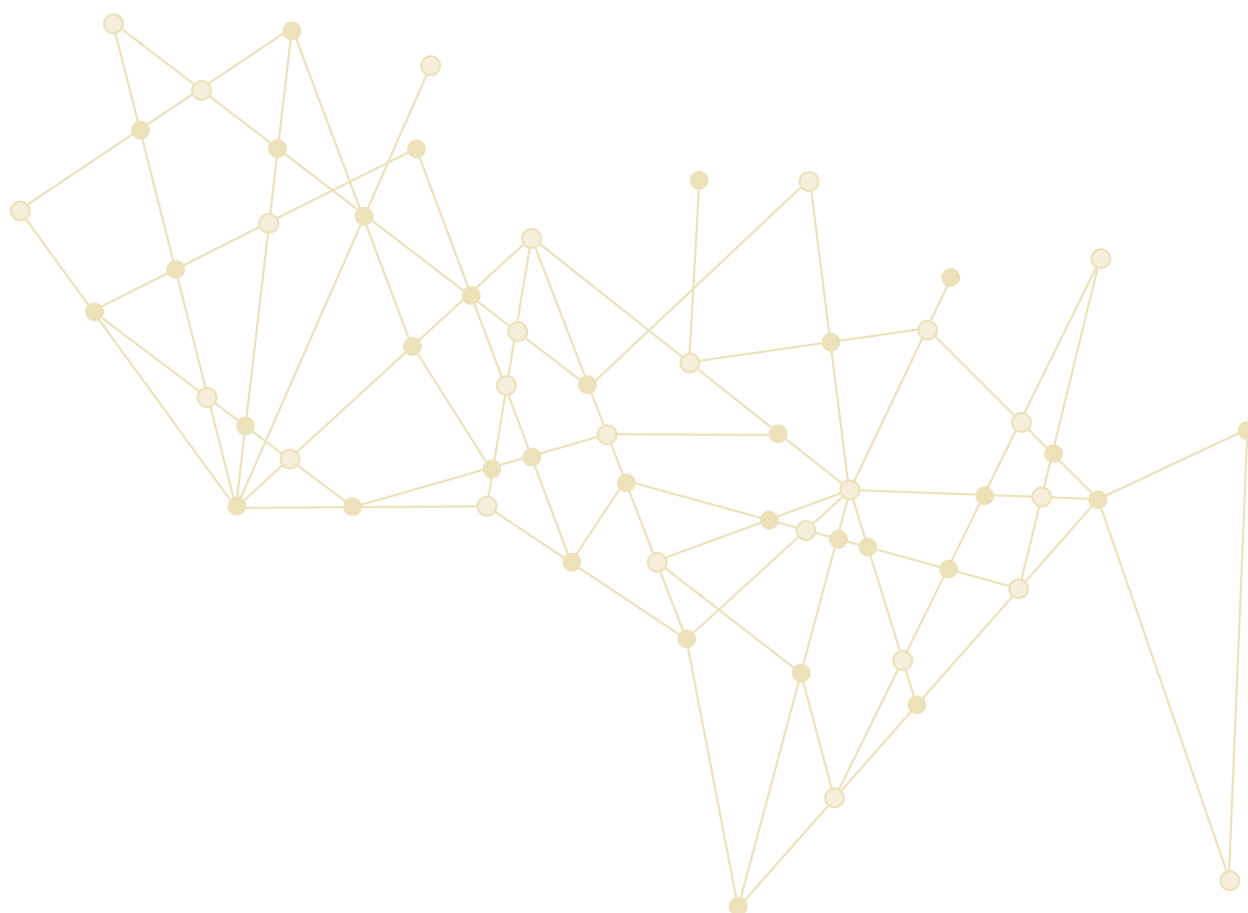


Mazana Armstrong

Mazana Armstrong is the Manager of Transmission Stations Engineering Division at BC Hydro. She has close to 30 years of professional experience in operations, maintenance, and design of high voltage electric power systems. Mazana's professional contributions include standards development addressing electrical safety of the public, power utility workers and facilities in close proximity of electric power systems.

Mazana holds a degree in Electrical Engineering from the University of Zagreb, Croatia, and a M.A.Sc. and Ph.D. in Electrical Engineering from the University of British Columbia, Canada. She is a registered Professional Engineer in British Columbia.

Mazana has been an IEEE PES volunteer for over 20 years. Most recently she served as IEEE PES Secretary (2024–25) and Vice President for Chapters (2018 –2022). Mazana is a Senior Member of IEEE and an IEEE Power and Energy Society Distinguished Lecturer.



Candidate Statement

As a global organization, IEEE PES must take decisive actions to address the growing challenges facing the power and energy industry. From natural disasters and supply chain disruptions to unprecedented load demands, the industry is navigating a complex and evolving landscape. Strengthening our global technical community and member base is vital to advancing technology through standardization and knowledge sharing.

If re-elected as Secretary, I will continue to lead the PES History Committee. It is crucial to uphold our mission of fostering technological innovation and excellence for the benefit of humanity. As we near 150 years since the advent of electric power systems and the founding of IEEE PES, we must celebrate our history, honor our legacy, and reflect on our contributions while charting a forward-looking path that inspires progress and innovation.

The IEEE PES Constitution and Bylaws form the foundation of our Society. As Secretary, I pledge to uphold these documents and advocate for a diverse Board that adapts effectively, acts responsibly, and prioritizes the needs and interests of our members.

IEEE Accomplishments/Activities

As the current Secretary of IEEE PES, I have had the privilege of revitalizing the PES History Committee through the proposal of a significant multiyear milestone project. Amid ongoing change, it is crucial that the IEEE PES Constitution, Bylaws, and operational documents are kept current and upheld to ensure the continued functionality and effectiveness of our organization and Governing Board.

Previously, I served as IEEE PES Vice President of Chapters (2018–2022), where I led initiatives to strengthen the PES Chapters organization. With over 800 professional and student chapters worldwide, IEEE PES serves 40,000 members through technical presentations and networking events. Under my leadership, the student chapters organization was expanded to mirror the professional chapters. Key accomplishments included launching the High Performing Student Branch Chapter Program, the Outstanding Student Chapter Award, and student chapter chair training—held virtually in 2021 and in-person in 2022 across all IEEE Regions. These efforts play a vital role in supporting the growth and sustainability of PES chapters.

The PES Mentoring Program, initiated under my leadership by the PES Student Chapters Committee, has long-term goals of supporting student retention and facilitating their transition to professional membership. This emphasizes the critical role of student chapters as the foundation and future of PES. Additionally, I implemented health tracking to drive chapter growth and improve the value delivered to members by addressing areas for enhancement.

My earlier roles include PES Regional Representative for the US and Canada and Chair of the 2013 IEEE PES General Meeting's local organizing committee in Vancouver. As IEEE Vancouver Section Chair in 2011, I spearheaded centennial celebrations, including public outreach campaigns and publishing 100 years of Vancouver Section history. My prior service as Section Treasurer, Secretary, and Vice-Chair reflects over 20 years of dedicated IEEE and PES volunteering.

Candidates for IEEE PES Treasurer



**Ramakrishna
Kappagantu**

Dr. Ramakrishna Kappagantu holds a Bachelor's in Electrical Engineering from MNIT Jaipur, a Master's in Automation & Control from JNTU Hyderabad, and a Ph.D. in Electrical Engineering from NIT Tiruchirappalli, India.

With over 39 years of leadership experience in India's power sector (NTPC & POWERGRID), he currently serves as Chief Technology Advisor at Eficaa EnSmart Solutions Pvt. Ltd., focusing on strategic, technical, and innovation-led initiatives. He has made impactful contributions to the operation of the 55GW Southern Regional Grid, real-time system management, power markets, SCADA-EMS, smart grids, and Renewal deployment.

An IEEE and PES volunteer for over three decades, Ramakrishna has served as an IEEE Board Member, Region10 Director, and on PES and MGA Governing Boards. As Treasurer, he helped make IEEE Bangalore Section and India Council financially robust.

He is also a seasoned speaker, author, and has led several international IEEE conferences, and PES global workshops.



Candidate Statement

The IEEE PES Treasurer plays a vital role in ensuring the society's financial health through clarity, transparency, and effective collaboration. The role requires working closely with the IEEE PES President, staff, and Governing Board to maintain sound financial practices and ensure accurate, consistent reporting across all levels.

With extensive IEEE leadership experience—including as a member of the IEEE Board of Directors, MGA Board, Region 10 Director, Treasurer of IEEE India Council and Bangalore Section, and PES Governing Board—I bring a deep understanding of IEEE's financial ecosystem. I have successfully led budgeting and financial planning for major Region 10 and MGA meetings, ensuring compliance, efficiency, and audit readiness.

My collaborative approach with both volunteers and staff has consistently led to timely financial reporting and smooth audits. I will apply this experience to ensure prudent financial oversight, prepare user-friendly financial statements, and provide actionable insights to the PES Board and global chapters.

As Treasurer, I am committed to upholding integrity, fiscal discipline, and strategic stewardship for the continued growth and global impact of IEEE PES.

IEEE Accomplishments/Activities

With a proven track record across multiple levels of IEEE volunteer leadership, I bring a global perspective and deep operational experience. I have served on the IEEE Board of Directors, as Region 10 Director, IEEE MGA Board Member, and as Treasurer of both the IEEE India Council and IEEE Bangalore Section. These roles have given me hands-on exposure to IEEE's governance, financial oversight, and strategic planning, enabling me to drive impactful initiatives across regions and membership segments.

In the IEEE Power & Energy Society (PES), I have led programs that bridge member engagement with innovation and sustainability. As PES Member-at-Large, I launched PES Global Workshops across Region 10, bringing together academia, industry, policymakers, and volunteers to explore emerging technologies. These engagements resulted in five corporate partnership agreements, fueling membership and technical activity growth.

As MAL for PES Philanthropic Initiatives, I restructured funding and project selection for PES Smart Village (ISV) projects and introduced systematic student and YP involvement for deeper chapter engagement. I also initiated zonal coordination frameworks in PES Region 10, enhancing volunteer accountability, social media engagement, R10 Newsletter & communication, and activity tracking as PES R10 Representative.

During my time as Region 10 Director, I revitalized Young Professionals (YPs) and Women in Engineering (WIE) affinity groups by launching scalable programs like the Hard-Tech Summit and SYWL Congress. I also championed the integration of YP & WIE tracks into flagship events and formed an AdHoc committee to identify the evolving needs of industry professionals and early-career engineers, focusing on entrepreneurship, innovation, and skill development.

My commitment to transparency, financial stewardship, and member value creation has been the foundation of my IEEE contributions—and it will remain core to my service as IEEE PES Treasurer.

Candidates for IEEE PES Treasurer



Dean Sharafi

Dean Sharafi is the Strategic Advisor on energy transition at the Australian Energy Market Operator (AEMO). Dean holds a degree in Applied Physics, a degree in Electrical Engineering and a degree in Business Management. He has over thirty years of experience in power system engineering which includes Power System Protection, High Voltage Systems, Asset Management and Power System and Electricity Market Operation.

Dean is a senior member of the IEEE and has been involved with IEEE Power and Energy Society for twenty years including serving at the Governing Board from 2017 to 2022.

Dean has published many papers on power system protection, condition monitoring, asset management and power system operations. He lectured for a decade as a Sessional Academic on Power System Earthing at Curtin University in Western Australia.

Dean is an Associate Editor for the IEEE Transactions on Power Systems Journal and an IEEE Distinguished Lecturer.



Candidate Statement

Dear IEEE PES Members,

It is with great enthusiasm and a deep sense of responsibility that I announce my candidacy for a position on the IEEE PES Governing Board. With thirty years of experience in power system engineering I have dedicated my career to advancing the field through innovation, collaboration, and a commitment to excellence. My professional journey has spanned many areas of power systems, and I have had the privilege of contributing to both industry and academia. As an engaged member of IEEE PES, I have served on technical committees, organized conferences and contributed to PES publications, gaining a deep understanding of our society's mission and challenges.

If elected, I will focus on:

- Promoting innovation and collaboration to address global energy challenges.
- Supporting sustainable and resilient energy solutions for the future.
- Expanding educational and mentorship opportunities for students and young professionals.
- Enhancing PES's global impact by fostering inclusivity and knowledge sharing.

I am committed to serving our community with integrity and vision. Thank you for your support and trust.

Sincerely,
Dean Sharafi

IEEE Accomplishments/Activities

Dean's contributions to the IEEE Power and Energy Society extends to over two decades. He has delivered many lectures as a part of IEEE Distinguished Lecture Program, promoting PES vision including sustainability, energy efficiency and renewable energy. Dean has also been an active contributor to several IEEE PES white papers and publications. He was the guest editor of the Sep/Oct 2021 PES Magazine, Special Issue on the Australian journey towards renewable energy. Dean is currently serving as an associate editor of IEEE Transactions on Power Systems Journal and the chair of region 10 conferences. His IEEE PES achievements include:

IEEE PES Western Australian Chapter committee member (2006–now)

IEEE PES Western Australian Chapter Chair (2010–2012)

IEEE PES Chapter Representative (2013–2017)

IEEE PES Region 10 Representative at the Governing Board (2017–2022)

IEEE PES Region 10 Conferences' Chair (2022–now)

Associate Editor on Transactions on Power Systems Journal (2024–now)

Member of Industry Technical Support Leadership Committee (2024–now)

NOTES



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At Elevate Energy Consulting, we specialize in guiding industry partners through the complexities of the clean energy transition and rapid grid transformation. Our expertise spans renewable and data center integration, advanced power system modeling, transmission planning and operations support, regulatory compliance, and cutting-edge applied research.

With deep technical knowledge and a solutions-first mindset, our team delivers accelerated, tailored, and world-class support to help our clients navigate today's challenges—and shape tomorrow's grid.

HOW CAN WE HELP



Renewables Integration, Grid Code Compliance, Interconnection Modeling



Grid Planning and Operations Analysis and Studies



NERC Regulatory Compliance



Powerflow, Short-Circuit, Dynamics, and EMT Modeling and Studies



Large Load and Data Center Intergration



R&D and Thought Leadership

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