

PSGEC 2026

The 2026 6th Power System and Green Energy Conference
Aug. 21-23, 2026 | Shanghai, China



Submission Deadline
July 20, 2026

The topics of PSGEC 2026 are included below, but not limited:

AI Applications in Power Systems
Diagnostics & Condition Monitoring
Distributed Generation
Electrical Machines and Transformers
Electricity Market and Power System Economics
Energy Storage, Fuel Cell Technologies, and Trends
Electrical Vehicles, Grid to Vehicle (G2V) and Vehicle to Grid (V2G)
Energy Efficiency
Energy Management
High Voltage Systems
HVDC and FACTS Devices
Industrial Automation and Control

Modeling Cyber-physical Smart Grids and Demand Response Management
Power Electronics and Drives
Power Engineering Education
Power Quality (PQ)
Power System Operation and Planning
Power System Reliability
Power Systems Control & Protection
Renewable Energy including Modelling, Operation, Control and Integration
Safe and Resiliency through Community-Scale Micro-Grids
Solar Power Systems, Energy and Water Management and Sustainability

Publication & Indexing

- 1) All the accepted and presented papers will be submitted for inclusion into **IEEE Xplore (ISBN: 979-8-3315-4734-9)** subject to meeting IEEE Xplore's scope and quality requirements. The publisher will submit articles to **Engineering Village**, **Scopus**, **Web of Science** and other databases for review and indexing after publication.
- 2) Selected papers (accepted and presented) with great extension will be recommended to publish in the special issue of **PSGEC 2026 in IET Energy System Integration (ISSN: 2516-8401)**, which is indexed by **ESCI**, **EI Compendex**, **SCOPUS** and other databases.

PSGEC 2021/2022/2023/2024/2025 has been indexed by EI Compendex See history: <https://psgec.org/pub.html>
PSGEC 2026 is listed on **IEEE Conference List!**
https://conferences.ieee.org/conferences_events/conferences/conferencedetails/70194

About Submission

Authors can submit manuscripts through **Electronic Submission System** only.
<https://cmt3.research.microsoft.com/PSGEC2026>



Speakers



Important Dates

Submission Deadline: **July 20, 2026**

Special Session I: Resilience Enhancement Strategy of Power System Against Extreme Events

Chair: Chuan He, Sichuan University, China
Vice Chair: Lu Nan, Sichuan University, China

Special Session II: Energy-Transport Nexus in the Dual Carbon Era

Chair: Sheng Chen, Hohai University, China
Vice Chair: Si Lv, Nanjing University of Posts and Telecommunications, China
Vice Chair: Chuanshen Wu, Hohai University, China

Special Session III: Operation, Control and Resilience Enhancement of Novel Distribution Systems with High-Penetration Renewable Energy

Chair: Tengfei Ma, Institute of Electrical Engineering, Chinese Academy of Sciences, China
Vice Chair: Hongjun Gao, Sichuan University, China
Vice Chair: KENG WENG LAO, University of Macau, China
Vice Chair: Haibo Li, Sichuan Energy Internet Research Institute Tsinghua University, China

Special Session IV: Advanced Technologies for Electrified Transportation and Robotics

Chair: Yuxin Liu, City University of Hong Kong, HKSAR, China
Vice Chair: Yong Chen, City University of Hong Kong, HKSAR, China
Vice Chair: Yongcan Huang, City University of Hong Kong (Dongguan), China
Vice Chair: Chunhua Liu, City University of Hong Kong, HKSAR, China

Special Session V: Modeling, Optimization, and Control of Low-Carbon Smart Energy Systems

Chair: Huirong Zhao, Shanghai University of Electric Power, China
Vice Chair: Licheng Wang, Shanghai University of Electric Power, China
Vice Chair: Bogang Qu, Shanghai University of Electric Power, China
Vice Chair: Danhao Wang, Shanghai University of Electric Power, China

Special Session VI: AI Technologies for Optimal Operation and Control of Integrated Energy Systems

Chair: Jiehui Zheng, South China University of Technology, China
Vice Chair: Yuanzheng Li, Huazhong University of Science and Technology, China

Special Session VII: Simulation, Testing, and Stability Analysis for Power Systems with Large-Scale Renewable Integration

Chair: Xu Jin, Shanghai Jiao Tong University, China
Vice Chair: Wu Pan, Shanghai Jiao Tong University, China

Special Session VIII: AI-Driven Smart Power Systems for Renewable Energy Integration and Grid Resilience

Chair: Mayur Bhojar, Jagadambha College of Engineering and Technology Yavatmal, India
Vice Chair: Weiwei Jiang, Beijing University of Posts and Telecommunications, China
Vice Chair: Mujtaba M. Momi, American University of the Middle East (AUM), Kuwait

Special Session IX: Physics-Constrained and Informed Control for Power-Converter-Enabled Systems in Next-Generation Onboard Electrical Systems

Chair: Xiaoyong Cao, Shanghai Jiao Tong University, China
Vice Chair: Hao Bai, Northwest Polytechnical University, China
Vice Chair: Pengfeng Lin, Shanghai Jiao Tong University, China

Special Session X: Electricity Market Mechanism for Low-Carbon Power System Construction

Chair: Mingxu Xiang, Chongqing University, China
Vice Chair: Yi Wang, Chongqing University, China

Special Session XI: Operation, Protection and Control of New Power System Enhanced by Artificial Intelligence

Chair: Lili Hao, Nanjing Tech University, China
Vice Chair: Hui Liu, Nanjing University of Information Science and Technology, China
Vice Chair: Hui Ge, Nanjing University of Posts and Telecommunications, China

The information of special session keep updating.....



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“Integration and Transformation: Building a New Power System Dominated by Renewable Energy.”