

# APPEEC 2022

Towards Net Zero by 2050

## Melbourne, Australia



### IMPORTANT DATES

Paper submission opening

**1<sup>st</sup> April 2022**

Paper submission closing

**1<sup>st</sup> August 2022**

Notification of acceptance

**8<sup>th</sup> September 2022**

Final paper submission

**22<sup>th</sup> October 2022**

The 14th IEEE PES Asia-Pacific Power and Energy Engineering Conference 2022 (APPEEC) will be held on **20<sup>th</sup> to 23<sup>rd</sup> November 2022** in **Melbourne, Australia** (organised by IEEE PES Victorian chapter). The conference aims to create a knowledge sharing platform for researchers and industry professionals to present and discuss contemporary and emerging technologies. The conference will be conducted in hybrid mode, allowing both face-to-face and virtual presentations.

The conference invites researchers and industry professionals to submit new and original ideas on different aspects of power and energy engineering, which includes but not limited to the following topics:

- Artificial intelligence and machine learning for energy system applications
- Blockchain and transactive energy systems
- Blue and green hydrogen
- Data analytics and cyber security
- Demand response and demand side management
- Diagnostics, condition monitoring and asset management
- Distributed energy resources
- Energy efficiency
- Energy markets and policies
- Energy storages including battery storage systems
- Electrical machines and motor drives
- Electric vehicles
- Electrification of remote and rural applications
- FACTS and power electronics
- HVDC transmission systems
- Hydrogen fuel cells and hydrogen applications
- IoT and ICT for smart grid
- Medium and low voltage DC system
- Microgrids, community energy and virtual power plants
- Multi energy systems
- Power engineering education
- Power system dynamics, operation, and control
- Power system protection and quality
- Power system reliability
- Renewable energy integration
- Smart grid systems
- Technologies to address climate change

Authors are invited to submit papers no more than 6-pages in length in double column format in the standard [IEEE PES Conference template](#). The paper submission link will be available in the conference website. All submitted papers will be peer-reviewed by at least two reviewers. The accepted papers presented in the conference, will be submitted to IEEE Xplore Digital Library. Authors of presented papers will be eligible to submit an extended version to IEEE PES journals. **APPEEC2022 web link: <https://ieee-appeec.org/>**

# Call for Special Sessions

## SPECIAL SESSION DEADLINES

Proposal Submission

**1<sup>st</sup> of March, 2022**

Proposal Acceptance Notification

**15<sup>th</sup> of March, 2022**

Paper Submission

**1<sup>st</sup> of August, 2022**

Paper Acceptance Notification

**8<sup>th</sup> of September, 2022**

Final Paper Submission:

**22<sup>th</sup> of October, 2022**

APPEEC 2022 will also feature a number of special sessions to highlight current challenges faced by the power and energy sector. Special Session proposal should be on a particular topic related to the theme of the conference. The topic should not be very wide or very narrow and must be covering contemporary issues related to power and energy sectors. It will be the responsibility of the special session organizer (s) to secure 6 accepted papers to run the session. The special session template can be downloaded from the conference homepage or you may get it directly from the special session Chair (s). You are welcome to submit the special session proposal to the special session Chair (s) listed below:

S M Muyeen [sm.muyeen@qu.edu.qa](mailto:sm.muyeen@qu.edu.qa)

MD Rakibuzzaman Shah [m.shah@federation.edu](mailto:m.shah@federation.edu)

Jiefeng Hu [j.hu@federation.edu.au](mailto:j.hu@federation.edu.au)

## Supported by



## APPEEC 2022 Committee Members

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A/Prof Jahangir Hossain  
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Dr Mohsen Khorasany  
Dr Reza Razzaghi

# Call for Industry Presentations



## INDUSTRY PRESENTATION DEADLINES

Abstracts and bio due  
**1<sup>st</sup> September 2022**

Notification of  
acceptance  
**1<sup>st</sup> October 2022**

APPEEC 2022 will host a range of industry presentations on different aspects of power and energy systems. Industry professionals are invited to deliver technical presentations on latest technology, findings from technical case studies and real-world insights for a diverse range of audiences from the energy sector. Industry presentations will be co-located with APPEEC 2022 industry day sessions, which will be scheduled on 22nd November. The industry day sessions will include industry keynote speeches, industry roundtables and women in power events. These sessions will help the industry day participants to network with peers from the energy sector and develop new relationships and businesses.

Industry speakers will have the opportunity to access APPEEC 2022 technical sessions along with lunch, morning/afternoon tea through a one day registration. Academic speakers interested in a presentation only submission, can also present in the industry day given their presentations address an industry focused problem. Interested speakers are invited to submit an abstract (100 words) and biography (100 words) to the technical program chair Dr. Shama Islam ([shama.i@deakin.edu.au](mailto:shama.i@deakin.edu.au)). The topics of interest are specified in page 1 of this call for papers, however, any other relevant topic on power and energy sector are also welcome. The industry presentations will not be included in IEEE Xplore.

For any questions or inquiries, please contact

Dr Shama Islam      [shama.i@deakin.edu.au](mailto:shama.i@deakin.edu.au)  
Dr Md Enamul Haque      [enamul.haque@deakin.edu.au](mailto:enamul.haque@deakin.edu.au)

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