

Message from the General Chair

On behalf of the organizing committee, I would like to extend a warm welcome to all participants of the **2023 IEEE PES 15th Asia-Pacific Power and Energy Engineering Conference (APPEEC 2023)** on the theme ***“Transition towards Carbon Neutrality, Sustainability and Flexibility for Future Energy”*** from 6 - 9 December 2023. The conference is being held in the beautiful city of Chiang Mai, Thailand at Chaing Mai Marriott Hotel. This esteemed conference is co-hosted by IEEE Power & Energy Society and Thailand Chapter in collaboration with Electricity Generating Authority of Thailand (EGAT), Metropolitan Electricity Authority (MEA), Provincial Electricity Authority (PEA), PTT Public Company Limited (PTT), Electrical Engineering Academic Association (Thailand) – EEAAT and the Faculty of Engineering at Chaing Mai University (CMU).



The conference aims to provide a knowledge sharing platform for scholars and industry professionals to present and discuss contemporary and emerging technologies in the power and energy sector. Keynote speeches, technical workshops, and paper presentations are all scheduled to be part of the conference. The topics of interest include but are not limited to power systems, distributed energy resources, artificial intelligence and machine learning for energy system applications, blue and green hydrogen, and electric vehicle prospects.

Moreover, I would like to express my deepest appreciation to all authors and participants who have made invaluable contributions to this conference. It is my sincerest hope that everyone who attends APPEEC 2023 in Thailand will derive substantial benefits and find inspiration for pioneering ideas. The conference program would not have been possible without the dedication of authors, reviewers, the organizing committee, conference secretaries, IEEE PES members, technical and financial sponsors, and industrial partners. Allow me to express my heartfelt gratitude to them on behalf of the APPEEC 2023 General Chair.

While this conference program promises to be an outstanding experience, I hope that you will enjoy a combination of culture, merging with the endless green nature that surrounds the city of Chaing Mai.

Once again, welcome to Chiang Mai and also to APPEEC 2023.

APPEEC 2023 General Chair

Wilas Chaloeysat - Governor, Metropolitan Electricity Authority