

2025 IERE-TPC Taipei Net-Zero Workshop

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From May 26 to 29, Taiwan Power Company (TPC) co-hosted the “2025 IERE-TPC Taipei Net-Zero Workshop” with the International Electric Research Exchange (IERE) in Taipei for the first time. The workshop, themed “Towards Net-Zero: Strategies and Innovations in the Power Industry,” commenced with IERE Chairman Munib AMIN and Taiwan Power Research Institute (TPRI) General Manager Nien-Mien Chung jointly delivering the opening remarks. The event was expertly moderated by Researcher Chin-Tun Wang of TPRI, who served as the General Chair. This workshop aimed to foster international exchange, share cutting-edge technologies and innovative strategies, and demonstrate TPC’s steadfast commitment to advancing energy transition and intelligent energy management.

The workshop brought together leading experts and scholars from the global energy sector to delve into critical issues such as low-carbon technologies, grid resilience, intelligent energy management, environmental sustainability, and digital transition. Distinguished speakers included Senior Research Director SHIBATA Yoshiaki from the Institute of Energy Economics, Japan (IEEJ); Professor Shiu-Wu Chau from National Taiwan University; Professor Chan-Nan Lu from National Sun Yat-sen University; and Director of Strategic Development Ingo BIRNKRAUT at RWE Generation SE, Germany. Additionally, TPRI Deputy General Manager Chih-Sheng Chang and Director Hsiao-Wei Chen from the R&D Planning Office delivered Keynote Speeches and Special Session presentations, respectively. Their expert insights garnered significant international attention, highlighting TPC’s professional capabilities on

the global stage.

Throughout the conference, TPC colleagues showcased numerous research and development achievements. The Department of Power Distribution, the Electric Economics & Social Research Office, the Electric Power Research Lab, and the Information & Communication Technology Research Lab of TPRI presented technical papers. These papers covered topics such as grid resilience and intelligent energy management, receiving high acclaim from international experts. These research directions align closely with TPC’s recent initiatives to enhance grid resilience and implement digital transition strategies, providing crucial insights for TPC’s future R&D and innovative applications, while also contributing to improved grid stability and operational efficiency.

This workshop significantly strengthened TPC’s collaborative exchanges with international energy partners. Participants engaged in lively discussions on low-carbon transition and intelligent energy management and optimization, sharing practical experiences and technical insights, thereby fostering bidirectional knowledge exchange. The outcomes of the conference will serve as an important foundation for TPC’s research directions and lay the groundwork for future cross-national cooperation and technological innovation.

The “2025 IERE-TPC Taipei Net-Zero Workshop” concluded successfully, not only symbolizing TPC’s steady progress on the net-zero emissions pathway but also demonstrating its professional expertise in energy transition, digital innovation, and international

collaboration. This event has provided a significant boost to TPC's ongoing initiatives in intelligent energy management and environmental sustainability.



The 2025 IERE-TPC Taipei Net-Zero Workshop brought together global IERE members and representatives from energy-related organizations.



Dr. Chung Nien-Mien, General Manager of TPRI, delivers the welcome speech at the 2025 IERE-TPC Taipei Net-Zero Workshop, a landmark event as TPC's first-ever co-hosting with IERE.