



Asia-Pacific
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APEC Project Update Hong Kong, China

EGNRET 61

Jan 2025

Promoting Digital Solar Resource Maps and Management Technologies in Advancing Renewables Growth in APEC (EWG 01 2023A)

Attending economies and for a

- China
- Malaysia
- Papua New Guinea
- Singapore
- Thailand
- The Philippines
- Viet Nam
- APERC
- Hong Kong, China



Promoting Digital Solar Resource Maps and Management Technologies in Advancing Renewables Growth in APEC (EWG 01 2023A) – 8.7.2024 Final Agenda

Time slot	Sessions / Topics
09:30 – 10:15	Welcoming Remarks, Opening Remarks, Summary of Pre-Workshop Findings
10:15 -10:45	Break
	Session 1: Data Requirement from Solar Energy Systems
10:45 - 11:10	1.1 “Essential solar-related data for energy modeling and forecasting” By Dr Alexander IZHULDIN, Senior Researcher of Asia Pacific Energy Research Centre (APEREC)
11:10 - 11:35	1.2 “AI and Digital Twinning enabled Intelligent Solar Energy Management and Performance Assessment” By Prof. XU Zhao, Professor, the Hong Kong Polytechnic University, Hong Kong, China
	Session 2: Deployed technologies for Solar Resources Maps and Management Systems
11:35 - 11:20	2.1 “Digital resource maps for solar potential analysis and solar asset management” Dr Thomas REINDL, Deputy CEO, Solar Energy Research Institute of Singapore (SERIS), National University of Singapore (NUS), Singapore
12:00 - 12:10	2.2 “Designing, Monitoring and Maintenance Solar in Viet Nam” Mr. LE Cong Doanh, Representative from the Electricity and Renewable Energy Authority (EREA) – Ministry of Industry and Trade, Viet Nam

Time slot	Sessions / Topics
14:00 – 14:10	Registration
	Section 3: Innovative technologies for Digital Solar Energy Systems
14:10 – 14:35	3.1 “Residential PV market pain points and solutions” Dr HE Yu Fei, Huawei Digital Power Technologies Co., Ltd., China
14:35 - 14:40	Closing Remarks
	Section 4: Innovative technologies for Solar Industry
14:40 – 15:30	Travel to the Hong Kong Polytechnic University
15:30 – 15:45	4.1 Demonstration of the Integrated Solar Management System By Prof. XU Zhao, Professor, the Hong Kong Polytechnic University, Hong Kong, China
15:45 – 16:15	Travel within campus and break
16:15 – 16:50	4.2 “Recent Progress in Printable Solar Cells” By Prof. LI Gang, Chair Professor, Department of Electrical and Electronic Engineering, the Hong Kong Polytechnic University, Hong Kong, China
16:50 – 17:20	Travel to hotel
17:20	End of workshop



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Thank you.

