

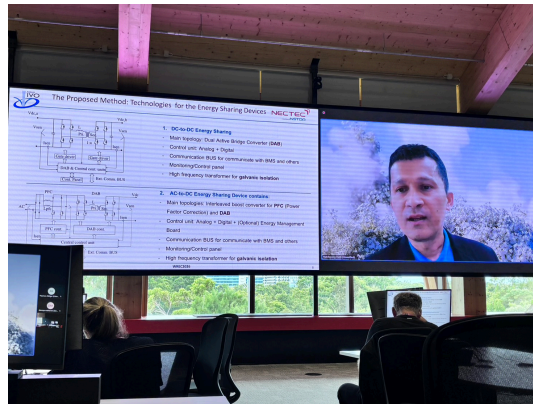


Appendix 2.2

Report of International Conference Presentation

Name: (Presenter)	Dr. Natchpong Hatti
Affiliation:	National Electronics and Computer Technology Center
Project Title:	Smart Energy-Sharing and Management Devices for a Low Carbon Society
Name of International Conference: (Link to website)	WREC2026 2030 Horizon: The Path to Net Zero Emissions with Renewable Energy https://www.wrec2026.com/
Title of Research Paper:	Energy Sharing Solution for Decentralized Off-Grid Power Systems
Name of all Co-authors (if any)	Surasak Nuilers, Prakob Komeswarakul, Pichet Pudson, Kanokvate Tungpimolrut, Yasunori Owada, Suparak Srita, and Sangkla Kreuawan
Comments or feedback received at the conference and your answers: Question: Can this system be used for energy sharing between households? Yes, it can be used for energy sharing between households.	
Contribution to the project: (e.g. Summary of your session or other sessions related with your presentation) Our presentation connects to the Governance session and the broader objectives of the conference by proposing a decentralized energy management model that empowers rural communities to efficiently share renewable energy resources without reliance on centralized control. The proposed Energy Sharing Devices (ESDs) promote equitable energy distribution, strengthen local autonomy, and reduce dependency on large-scale infrastructure. This approach aligns with key governance principles, including sustainable energy transition, system resilience, institutional collaboration, and inclusive access to clean energy.	

Photos (Online presentation)



[Required Documents]

- A) Presentation Materials (e.g., PPT slides)
- B) Final Program of the conference

Reporter: Dr. Natchpong Hatti

Date: 12 February 2026