



Title:	Overview of Microgrid Systems
Schedule:	November 7, 2025 at 2:00 - 3:00PM
Speaker	
Engr. Adrian Rey	<p>Engr. Rey is a Professional Electrical Engineer with Graduate Degrees in Master of Engineering in Electrical Engineering, Master in Business Administration, and Master of Science in Renewable Energy Systems. He has 15 years of experience in the practice of electrical engineering with significant work in the development, design, construction, and operation of microgrid systems in the Philippines. He is an ASEAN Certified Energy Manager and an ASEAN Engineer with a specialization in the Project Management of Microgrid Systems.</p> <p>General Manager – Rey-Tech Engineering Services                  2025 IIEE National Vice President – External Affairs                  2024 IIEE National Auditor                  2022 IIEE Regional Governor – Southern Luzon Region                  Ongoing Doctor in Engineering Management – Polytechnic University of the Philippines (PUP)</p>
Topics Discussed:	<ol style="list-style-type: none"> <li>1. Overview of Microgrid Systems</li> <li>2. System optimization of Hybrid renewable power system</li> <li>3. Techno-economic analysis of microgrid systems</li> </ol>
Total Registration :	MS Forms = 108 pax
	Zoom= 42 pax
Total Viewers:	FB Live = 168 views

## WHAT IS MICROGRID?

The microgrid concept dates back to the beginning of our industry. In 1882 when **Thomas Edison** opened his **Pearl Street Station** there was no standard for a generation-distribution system for electricity, so he designed as he went along. Amazingly, Edison's Manhattan Pearl Street Station met all of today's criteria for what is today's microgrid system. It was **self-contained and powered by coal fired steam engines** that drove six jumbo generators. Each of his generators produced 1,100 kW DC.

Source: tdworld.com



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## Free Webinar

### OVERVIEW OF MICROGRID SYSTEMS

November 7, 2025  
2:00 - 3:00 P.M.

### Major Topics

- Overview of Microgrid Systems
- System optimization of Hybrid renewable power system
- Techno-economic analysis of microgrid systems

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