



Asia-Pacific  
Economic Cooperation

EGNRET

# EGNRET Presentation

EGNRET Chair

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**EGNRET 63 Meeting**

Hosted by Republic of Korea

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# AI-Driven Energy Innovation

## 2025 APEC Energy Ministerial Meeting

- Host: **Republic of Korea**
- Meeting Dates: **27-28 August, 2025**
- Meeting Location: **Busan, Republic of Korea**



*2025 APEC Energy Ministerial Meeting – Group Photo*

# AI-Driven Energy Innovation

## 2025 APEC Energy Ministerial Meeting

- Meeting Theme: **Accelerating Sustainable, Affordable, Reliable, Secure and Innovative Energy for a Prosperous Future**
- One of the Focus Issues : **AI in Energy Systems**

### Innovation Potential

- AI enhances energy systems by improving efficiency, security and reliability.
- AI drives energy system modernization and innovation.

### Key Applications

- Predictive Analytics
- Demand Management
- Energy Optimization
- Advanced materials discovery and modeling, the development of virtual power plants and AI-based optimization

**Thank You  
For Your  
Attention!**

**EGNRET website**  
<http://www.egnret.ewg.apec.org/>

