

The 20th IEEJ Webinar for the World

We are pleased to host the 20th IEEJ Webinar for the World. “IEEJ Webinar for the World” is a webinar which is intended to, exclusively in English, offer not only our members but also stakeholders of think-tanks, international organizations, and other institutions from overseas with IEEJ’s latest research and analyses on global energy agendas such as carbon neutrality and other conundrums surrounding us.

In the upcoming webinar, we will feature **“The IEEJ Outlook 2026: The Future of AI and Energy Demand”**.

The close interrelationship between artificial intelligence (AI) and energy is attracting global attention. The growing use of generative AI and the advancement of digitalization will lead to a significant expansion of data centres. Locally, there are concerns that the construction of power supply facilities will not keep up with the pace of data centre construction. Meanwhile, AI is expected to bring significant benefits in the key sectors related to energy use through operational improvement, energy-savings and CO2 emissions reduction.

Based on these backgrounds, the presentation will highlight the findings from the IEEJ Outlook released on 17 October, 2025, with the focus on (1) the future electricity demand in data centres and its energy-saving potential, and (2) the energy-savings potential of AI in the demand sectors (industry, transport, business, and households).

1. Time/Date:

December 10th, 2025

02:00-02:40AM ET/08:00-08:40AM CET/10:00-10:40AM AST/03:00-03:40 PM SGT/

04:00-04:40PM JST

2. Webinar App.: Zoom

3. Agenda:

02:00-02:20AM ET/08:00-08:20AM CET/10:00-10:20AM AST/03:00-03:20 PM SGT/

04:00-04:20PM JST

Presentation: “The IEEJ Outlook 2026: The Future of AI and Energy Demand”

Naoko DOI, Ph.D., Senior Research Director, Assistant Director,
Climate Change and Energy Efficiency Unit, IEEJ

02:20-02:40AM ET/08:20-08:40AM CET/10:20-10:40AM AST/03:20-03:40 PM SGT/

04:20-04:40PM JST

QA Session

(Moderator: Toshiyuki SAKAMOTO, Board Member, Director,
Climate Change and Energy Efficiency Unit, IEEJ)

02:40AM ET/08:40AM CET/10:40AM AST/03:40 PM SGT/
04:40PM JST

End

4. Registration

https://us02web.zoom.us/webinar/register/WN_6nZlp1dGRSqBIZChzv6BPQ

5. Language: English (*No simultaneous)