

5th ASIA URBAN ENERGY ASSEMBLY

2 - 3 July 2026, Queen Sirikit National Convention Center
Bangkok, Thailand

ASIA'S ENERGY FUTURE 2026:

FROM AMBITION TO ACTION WITH:

ENERGY EFFICIENCY & DISTRICT ENERGY

Organized by

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✓ 30+ Speakers

✓ 200+ Participants

✓ 6+ International
Seminars

✓ Co-located with ASIA
Sustainable Energy Week



DAY 1 – BUILDING ASIA'S FUTURE CITIES

- ENERGY TRANSITION OUTLOOK
- ENERGY EFFICIENCY
- SUSTAINABLE BUILDINGS



DAY 2 - DISTRICT ENERGY DAY

- DISTRICT ENERGY OUTLOOK
- ROUNDTABLE DISCUSSION
- BREAK OUT SESSIONS



NETWORKING & EXHIBITION

- TECHNOLOGY EXHIBITION
- NETWORKING RECEPTION AND DINNER

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APUEA

Asia Pacific Urban Energy Association

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Event Introduction

Title: Asia Urban Energy Assembly – From Ambition to Action with Energy Efficiency and District Energy

Event type: International Conference (part of ASIA Sustainable Energy Week)

Venue: Queen Sirikit National Convention Center, Bangkok, Thailand

Hosted by: APUEA and Informa Markets

Date: 2-3 July, 2026

Time: 9:30 – 16:30

Language: English

The 5th edition of the Asia Urban Energy Assembly will be held as a two-day international conference on July 2–3 at the Queen Sirikit National Convention Center in Bangkok, Thailand. This event is co-located with ASIA Sustainable Energy Week, one of the region's most comprehensive international exhibitions and conferences on renewable energy, energy efficiency, and energy storage technologies. In 2025, the event attracted more than 30,000 visitors from 63 countries, including 7,622 conference delegates, making it one of the leading platforms for updates on market developments, technologies, financing, and project opportunities.

With only 24 years remaining until 2050, Asia is accelerating efforts to transform its energy systems and policies to meet ambitious energy and climate targets. At the same time, energy landscape is shifting rapidly, driven by the rise of affordable renewable energy and the fast rollout of energy storage solutions. In fact, 2026 is expected to be the first year in which electricity generation from renewable sources surpasses coal, marking a historic shift in the global power mix. Energy storage technologies, including battery energy storage systems, are experiencing similarly rapid growth and are becoming one of the fastest-expanding segments of the energy sector.

Energy efficiency remains a topic that often receives far less attention than it deserves. According to the International Energy Agency, energy efficiency is the single most important measure for reducing global greenhouse gas emissions. It is, for good reason, referred to as the world's "first fuel" in the energy transition, and will together with renewable energy, and energy storage solutions be a clear focus as Asia and the world will continue to decarbonize. Cooling is one of the fastest-growing end uses of energy worldwide. Today, space cooling already accounts for around ten percent of global GHG emissions, and without decisive action, cooling demand is expected to triple by 2050, and half of this projected increase will come from just three Asian markets: India, China, and Indonesia. It is essential to meet this growth with efficient and sustainable solutions.

The 5th edition of the Asia Urban Energy Assembly will focus on how energy efficiency and district cooling will help shape Asia's energy transformation. The event will also explore how real estate developments and urban planning will contribute to shaping Asia's future cities. The expected audience includes energy professionals from the public and private sectors, such as utility representatives, government officials, policymakers, developers, consultants, investors, international organisations, and academic institutions.

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Day 1: 2 July 2025

Conference Agenda

Moderators:	Mikael Jakobsson, President, Asia Pacific Urban Energy Association (APUEA) Peter Lundberg, Executive Director, Asia Pacific Urban Energy Association (APUEA)
Time	Activity
09:15-09:50	Registration and Networking
09:50-12:00	Session 1: Plenary Session – Building Asia’s Future Cities The plenary session will explore how we can support the sustainable development of Asia’s future cities by looking at the current state in the region and discuss how innovative energy solutions, integrated urban planning, and stronger collaboration between the public and private sectors can accelerate the transition toward low-carbon, resilient, and energy-efficient urban systems. The session will include high level keynote presentations and round table discussion.
12:15-13:30	Networking Lunch
13:30-14:45	Session 2 – Energy Efficiency and Sustainable Buildings This session will explore how the building sector can reduce carbon emissions through sustainable architecture and green buildings. It will also address how integrated urban planning, renewable energy deployment, and district cooling infrastructure can create efficient, resilient, and future-ready cities. This workshop will bring together policymakers, developers, utilities, investors, consultants, and technology providers to discuss actionable pathways for scaling sustainable building solutions across Asia. The session will include high level keynote presentations and panel discussion.
14:45-15:15	Coffee Break & Networking Session
15:15 -16:00	Exhibition Tour
18:30-22:00	Networking Dinner

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Day 2: 3 July 2025

Conference Agenda - International District Energy Day

Time	Activity
09:15-09:50	Registration and Networking
09:50-12:00	<p>International District Energy Outlook</p> <p>This session will explore the global outlook for district energy and its growing role in supporting the transition to low-carbon and resilient urban energy systems. It will highlight international trends, emerging technologies, and policy developments shaping the deployment of district heating and cooling systems across different regions. The discussion will also examine how district energy can integrate renewable energy, improve energy efficiency, and support the decarbonization of cities.</p> <p>The session will include district energy experts from Europe and Asia who will share knowledge and inspiration, and discuss pathways to further accelerate district energy development so it can fulfill its potential as a vital tool in the world's sustainable energy transformation. The session will include high-level keynote presentations and a round table discussion.</p>
12:00-13:30	<p>Networking Lunch</p> <p>Breakout Sessions</p> <p>These breakout sessions will build on the discussions from the International District Energy Outlook and provide a platform for more focused dialogue on how to accelerate the development of district heating and cooling systems. Participants will explore key barriers, opportunities, and practical solutions for scaling district energy across different markets.</p>
13:30-15:00	<p>The sessions will bring together industry experts, policymakers, utilities, developers, consultants, and technology providers to exchange ideas and identify concrete actions that can help advance district energy deployment. The discussions will aim to define priorities and develop an action plan for the coming year to support the wider adoption of district energy as a critical solution for sustainable urban energy systems.</p>
15:00	Networking Session

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