

## Thermal energy storage bangkok

This prestigious event brings together industry professionals, experts, and leaders from across the globe to explore the latest advancements and opportunities in the solar photovoltaic (PV) and energy storage sector. With a focus on sustainable development and renewable energy, the expo provides an excellent platform for networking, learning, and showcasing innovative solutions.

**1Government support:** Many ASEAN countries have launched initiatives to promote the use of solar energy and reduce dependence on fossil fuels. For instance, the Philippines has set a target of installing 13 gigawatts (GW) of solar power by 2030, while Indonesia has a goal of generating 23% of its electricity from renewable sources by 2025.

**2High solar radiation:** ASEAN countries are located near the equator and receive abundant sunlight throughout the year. This makes them ideal for solar PV installations, which can generate significant amounts of electricity at a lower cost than fossil fuel-based power generation.

**3Increasing electricity demand:** As ASEAN economies continue to grow, so does their demand for electricity. Solar PV and energy storage systems can help meet this demand while reducing greenhouse gas emissions and air pollution.

**4Cost competitiveness:** The cost of solar PV panels and energy storage systems has decreased significantly in recent years, making them more affordable and attractive to consumers and businesses alike.

**5Diverse applications:** Solar PV and energy storage systems can be used in a wide range of applications, from residential and commercial buildings to off-grid and remote areas. This provides opportunities for companies to cater to different market segments and customer needs.

Please mark your calendar for March 5-7, 2025, and join us at the Bangkok International Trade & Exhibition Center for what is sure to be a transformative experience.

The Provincial Electricity Authority (PEA) of Thailand will assess the feasibility of energy storage business models in partnership with a subsidiary of state-owned oil & gas company PTT Group.

PEA is Thailand's state enterprise responsible for providing electricity in 74 provinces, covering most of the country excluding major urban centres like Bangkok which fall under the remit of the Metropolitan Electricity Authority (MEA).

Last week (26 June), PEA deputy governor Prasit Chanprasit signed a Memorandum of Understanding (MoU) with representatives of Nuovo Plus, which is a battery business launched by PTT Group.

Under the terms of the MoU, the pair will jointly study the feasibility of deploying energy storage system (ESS) technology in Thailand and the development of suitable energy storage business models, leveraging each party's expertise and experience.

PEA noted that energy storage could increase access to clean energy including renewable sources, while helping stabilise the power distribution network and provide continuous and stable economic growth for the country.

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