

## Energy storage applications bangkok

In Thailand's dedicated efforts to achieve carbon neutrality, renewable energy sources have become increasingly vital. Recognizing the significance of energy storage in addressing intermittency and volatility, the country has included energy storage in its energy policies. Sungrow, a leading solar inverter, and energy storage system supplier, is at the forefront of Thailand's solar-plus-storage revolution.

At the recent Sungrow Thailand Future Energy Summit in Bangkok, Anqi Shi, Senior Analyst of S&P Global, highlighted Thailand's commitment by stating, "Thailand introduced a new feed-in-tariff (FIT) scheme, offering a 25-year Power Purchase Agreement (PPA) at THB 2.8331/kWh for solar-plus-storage projects. This initiative aims to drive the development of 600 MW of storage colocated with solar between 2024 and 2030."

Steven Zhu, Regional Manager of Sungrow, expressed the company's dedication to the Thai market, stating, "Currently, Thailand is leading the trend of solar-plus-storage applications in Southeast Asia, and Sungrow seeks to explore further opportunities through technological innovations. We are prepared to contribute to the energy transition of this vibrant country."

Sungrow offers cutting-edge solar and storage solutions, including the highly competitive 1+X Modular Inverter and the liquid-cooled energy storage system (ESS) called PowerTitan. The 1+X Modular Inverter is an innovative product that combines the advantages of both central and string inverters. It starts with a minimum capacity of 1.1 MW, expandable up to 8.8 MW by combining eight units.

PowerTitan, on the other hand, is a professional integration of Sungrow's power electronics, electrochemistry, and power grid support technologies. This energy storage system ensures exceptional safety, durability, and maximized return on investment for customers. It has already been successfully deployed in the largest solar-plus-storage project in Southeast Asia, the Super Energy SPP Hybrid project in the Sa Kaeo province, boasting a capacity of 49.01 MW PV and 136.24 MWh energy storage.

With over eight years of strategic presence in the Thai market, Sungrow has installed more than 1 GW of PV inverters and over 150 MWh of energy storage systems. The company has supplied inverter solutions to prominent projects such as the Sirindhorn Dam floating solar project (45 MW) in the Ubon Ratchathani province.

Sungrow has also signed a contract for a significant floating PV project (90 MW) with the National Power Supply Public Company Limited (NPS) in the Prachinburi province. Additionally, Sungrow has contributed to energy storage projects for the Electricity Generating Authority of Thailand (EGAT) in the Mae Hong Son province (6.19 MWh) and the Provincial Electricity Authority (PEA) in Chiang Mai (4.12 MWh).

Beyond their products and installations, Sungrow is actively engaged in collaborations and partnerships to advance renewable energy. The company recently signed a Memorandum of Understanding (MOU) with the Provincial Electricity Authority of Thailand (PEA) to explore cooperation in areas like energy storage and green hydrogen. Moreover, with the booming electric vehicle market in Thailand, Sungrow is gearing up to introduce its EV chargers to promote a low-carbon society.

Sungrow's commitment to driving technical innovations and renewable energy extends to supporting scientific research and talent development. During the summit, Sungrow announced its donation of two inverters to King Mongkut's University of Technology Thonburi (KMUTT), one of Thailand's prestigious academic institutions. Additionally, the company aims to establish a talent development program in Thailand that integrates industry, education, and research, fostering collaboration and growth in the renewable energy sector.

As Thailand aims to achieve its carbon emission reduction goals and establish a sustainable energy future, Sungrow's expertise and dedication to renewable energy solutions position them as a key player in the country's energy transition.

Scheduled for 3 days, it is expected to welcome 200+ exhibitors from countries and regions around the world. \$100 billion market welcomes global participants to join the competition.

An excellent platform that has both the professional and public advantages and brings together the entire industry chain. There are colorful concurrent activities on site.

Contact us for free full report

Web: <https://www.hollanddutchtours.nl/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

