Bangkok utility-scale solar

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Success built on trustworthy, reliable partners"Using Conergy"s high-quality system technology and being able to get everything from one single source was a crucial aspect for us," says G.L. Modi, Chief Operating Officer for the PET business of Indorama Ventures Public Company Limited. "We simply trust Conergy"s reputation for system technology. Annex Power, Conergy"s reliable partner for Indochina carried out the local construction and operational management of the new power plant."

[IPP project] The Pachora Hybrid Power Project is Blueleaf Energy"s first utility-scale power plant in India. With a generation capacity of approximately 600 GWh, it can produce enough renewable energy to power

[IPP project] Blueleaf Energy continues to fulfill its commitment to clean renewable energy across Asia. We have completed the construction and reached energisation of the company"s first corporate PPA rooftop solar power

[historic project, business model EPC] Conergy, one of the region"s largest downstream solar companies, has designed and installed a 145 kWp solar power system for one of the most iconic landmarks in

Furthermore, Thailand encourages clean and environment friendly technologies in order to meet its obligations under Kyoto Protocol to reduce carbon emissions. Thailand is focusing on development of renewable energy sector, including solar PV, to strengthen country"s energy security.

Trinasolar"slatest solar energy innovations for Thai industry aligns with PDP 2024 and the Thai Government"spolicy to increase renewable energy usage.

According to Thailand"sPower Development Plan (PDP), renewable energy is projected to rise to 51%, a significant increase from 20% last year, with solar energy expected to make up about 70% of this total. Another key aspect of the PDP is the introduction of Demand Response measures, which encourage consumers to adjust their electricity usage patterns based on varying electricity prices throughout the day. This aims to enhance the potential for reducing peak electricity demand (Peak Demand).

The country"sSmart Grid plan sets a target of achieving 1,000 megawatts in peak demand reduction and an additional 1,000 megawatts through the use of Distributed Energy Resources (DER). These resources, such as small power generation systems and BESS, will be integrated into microgrid systems to provide reliable energy sources.

Meanwhile, the Electricity Generating Authority of Thailand (EGAT) is pioneering clean energy production by combining solar energy with hydroelectric power from dams. The Hydro-Floating Solar Hybrid project, a cornerstone of this initiative, aims to build 16 projects nationwide with a total production capacity of 2,725

megawatts (MW). A pilot project at Sirindhorn Dam, Ubon Ratchathani Province, is already operational with a capacity of 45 MW and 24 MW AC respectively.

Dave Wang, Sub-Region Head for Asia Pacific at Trinasolar, commented, "It is an opportune time for the Thai government"spolicy towards clean energy, with rapid technological advancements from leading companies like Trinasolar significantly lowering solar energy costs in the past decade. As the only total solutions provider in the industry, Trinasolar"scombination of solar panels, trackers and energy storage solutions, can unlock further value and help the Kingdom in achieving its ambitious net-zero targets."

For instance, its award-winningVertex N panels combines the two top technologies in the market: n-type i-TOPCon technology and 210mm wafer size technology, resulting in world-record settingpower output (740.6W in lab) and higher efficiency. Having a comprehensive solar solutions provider like Trinasolar is a paradigm shift in the industry as its high-power modules can work hand in glove with its tracker and energy storage solutions, providing system stability. Moreover, having one procurement source also streamlines logistics and after-installation services.

In Thailand, Trinasolar has implemented a 24 MW AC floating solar plant at Ubonrat Dam in Khon Kaen, which has been operational since March 2024. This project is expected to cut CO2 emissions by 41,000 tons and generate 46 million kWh of electricity annually, supporting approximately 18,000 homes. Its Vertex series panels are also used in prominent solar farms in India, Malaysia, Vietnam and Singapore.