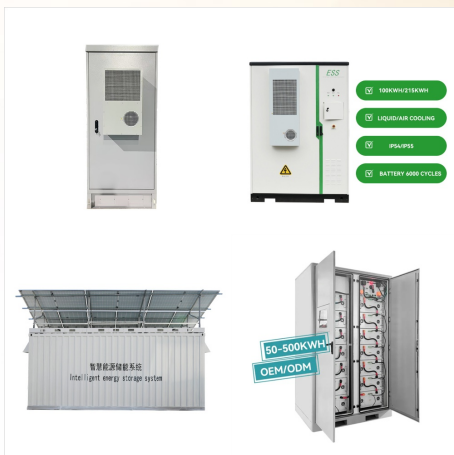




Solar power in Thailand is targeted to reach 6,000 MW by 2036. In 2013 installed photovoltaic capacity nearly doubled and reached 704 MW by the end of the year. At the end of 2015, with a total capacity of 2,500-2,800 MW, Thailand has more solar power capacity than all the rest of Southeast Asia combined. Thailand has great solar potential, especially the southern and northern parts ???



This ambitious plan is a crucial step towards achieving Thailand's carbon neutrality by 2050 and net-zero greenhouse gas emissions by 2065. 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



Thailand is charting a new course in its energy landscape through its Power Development Plan (PDP) 2024, aimed at increasing its use of renewable energy. This plan marks a significant shift toward carbon neutrality and energy sustainability, reflecting global trends and aligning with international commitments to combat climate change.

# THAILAND BUILDING SOLAR POWER



State-run Electricity Generating Authority of Thailand (EGAT) will float 16 solar farms with a combined capacity of more than 2.7 gigawatts on nine of its hydroelectric dam reservoirs by 2037, said Mr Thepparat Theppitak, a deputy ???



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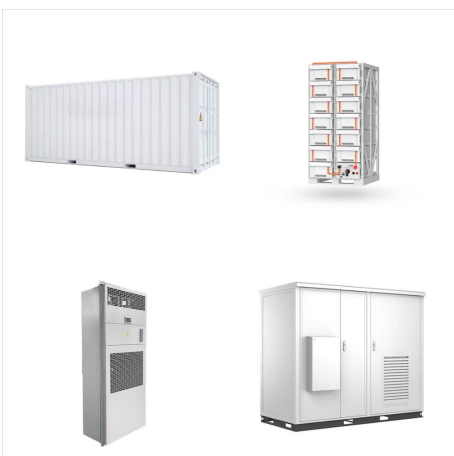
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Utility-scale solar power farms account for nearly all the solar power capacity that has been installed in Thailand to date ??? well above 90 percent according to one study. Similar to an FiT, a "solar adder" fueled the rapid growth.



Listed below are the five largest upcoming Solar PV power plants by capacity in Thailand, according to GlobalData's power plants database. GlobalData uses proprietary data and analytics to provide a complete picture of the global Solar PV power segment.



Thailand's Clean Electricity Transition - Analysis and key findings. A report by the International Energy Agency. Building upon the current PDP, this report analyses how the Thai power system can decrease its emissions to meet the targets by increasing the amount of wind and solar PV in its system, and how it can integrate these variable



Among the total planned renewable energy capacity of 18,696 MW, solar power in Thailand is expected to provide 9,290 MW, of which floating PV will account for 2,725 MW. The household photovoltaic net metering plan has been launched, which mainly targets solar power generation systems with a power generation capacity of more than 10kW.



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TotalEnergies has finished building a 25-MWp solar power system on top of 24 facilities in Thailand of local agro-industrial and food businesses group Betagro. The rooftop solar arrays consist of over 62,000 photovoltaic (PV) modules that were installed within six months.

# THAILAND BUILDING SOLAR POWER



Thailand has great solar potential, especially the southern and northern parts of the northeastern region of Udon Thani Province and certain areas in the central region. Around 14.3% of the country has a daily solar exposure of around 19???20 MJ/m<sup>2</sup> /day, while another 50% of the country gains around 18???19 MJ/m<sup>2</sup> /day.