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Latest on Thailand's solar energy storage policy



Overview

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Thailand started 2024 with just under 5 GW of cumulative photovoltaic (PV) capacity and a compound annual solar growth rate of 20% since 2012. This accounted for 9% of the country's installed electricity generation capacity. Flagship solar energy projects in Thailand are becoming increasingly.

Thailand Renewable Energy Tax Incentives in 2025 now offer up to a 150% tax deduction for certified clean energy equipment and apply a new carbon tax of THB 200 per ton of CO₂, clear signals for investors and business owners to take action. Are you ready to leverage these regulations for lower.

The draft Power Development Plan for 2024-2037 ("PDP 2024") sets an ambitious goal for renewable energy, aiming for 51% of total electricity generation capacity to come from renewables by 2037, a significant increase from the previous goal of 36%. The country's focus on solar, wind, and biomass.

This is according to the latest report from Ember Climate, 'Thailand's cost-optimal pathway to a sustainable economy', which was published yesterday and calls for the country to expand its renewable energy deployment targets. The increased solar and energy storage targets could sustain the.

Bangkok, September 15, 2025 – Thailand is accelerating its energy transition with ambitious policies and economic incentives, positioning itself as a key player in Southeast Asia's renewable energy landscape. From floating solar projects to large-scale energy storage and innovative tax reforms.

The government has quadrupled the annual quota for public solar power projects, from 100 MW to 400 MW in 2024, as part of a broader push to cut electricity costs by 8% and reach carbon neutrality by 2065. This marks a bold step in Thailand renewable energy expansion, backed by aggressive policy.

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