
Bangkok Solar Road Power System

What's going on with rooftop solar in Thailand?

Rooftop solar is also expanding fast, with the quota for public installations rising from 50 MW to 200 MW, plus an additional 50 MW dedicated to Bangkok. These changes reflect not just ambition, but momentum. Read Also: [The Promise of Thailand Renewable Energy Initiatives](#)

Why is Thailand relying on more than just solar?

To close this gap, Thailand is relying on more than just solar. The government's Alternative Energy Development Plan (AEDP) promotes energy diversification, including storage systems and emerging technologies like green hydrogen. These strategies are designed to not only boost generation capacity but also ensure energy stability and resilience.

What is Thailand's power development plan?

Thailand's Power Development Plan (PDP) outlines an ambitious goal: for renewables to exceed 50% of the national power mix in the future. Projects like floating solar farms on dam surfaces are already being piloted and could add up to 500 MW of capacity. But even as policies shift forward, challenges on the ground remain.

Why has Thailand quadrupled its solar power quota in 2024?

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 shifts and growing investment.

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Thailand renewable energy expansion is gaining speed with major solar investments, but outdated grids and policies pose key ...

Mr. Thanawat Trivisvavet, Managing Director, CK Power PLC, said, "This is the first time that solar energy will be used to power a Thai mass transit system on such a large ...

Thailand renewable energy expansion is gaining speed with major solar investments, but outdated grids and policies pose key challenges to progress. Read here!

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