

# Is there any solar power generation in Thailand

Thailand's solar electricity production accounted for approximately 21.09% of total renewable energy generation and about 2.20% of the country's overall electricity production.

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.

The Thai government has formalised the framework for a nationwide "Community-Based Solar Power Generation Project," targeting 1,500 megawatts of ground-mounted solar capacity as ...

Thailand's National Energy Policy Council has approved a major boost to the annual quota for public solar power projects, raising it from 100 MW to 400 MW. This policy aims to reduce ...

Thai solar PV installations take three forms. Ground-mounted solar installations or solar farms: These fall under ground-mounted PV purchase power agreements, including those run by ...

On October 27, 2025, Thailand's National Energy Policy Council (NEPC) approved the preliminary framework for the implementation of the "Community-based Solar Power Generation ...

Thailand is developing a community-based solar project aimed at enabling local communities, rather than large-scale developers, to host solar farms.

By 2030, Thailand's renewable energy capacity is expected to reach 21,403 MW, powered largely by solar PV, biomass, and floating solar systems. Rooftop solar is also expanding fast, with ...

Flagship solar energy projects in Thailand are becoming increasingly innovative: the state utility, EGAT, is tendering a 24 MW floating solar array at Ubol Ratana Dam, the first phase of a ...

Thailand has a very strong solar potential, making it ideal for large-scale solar farms. Although the country's wind energy potential remains limited, rapid advancements in wind turbine ...

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