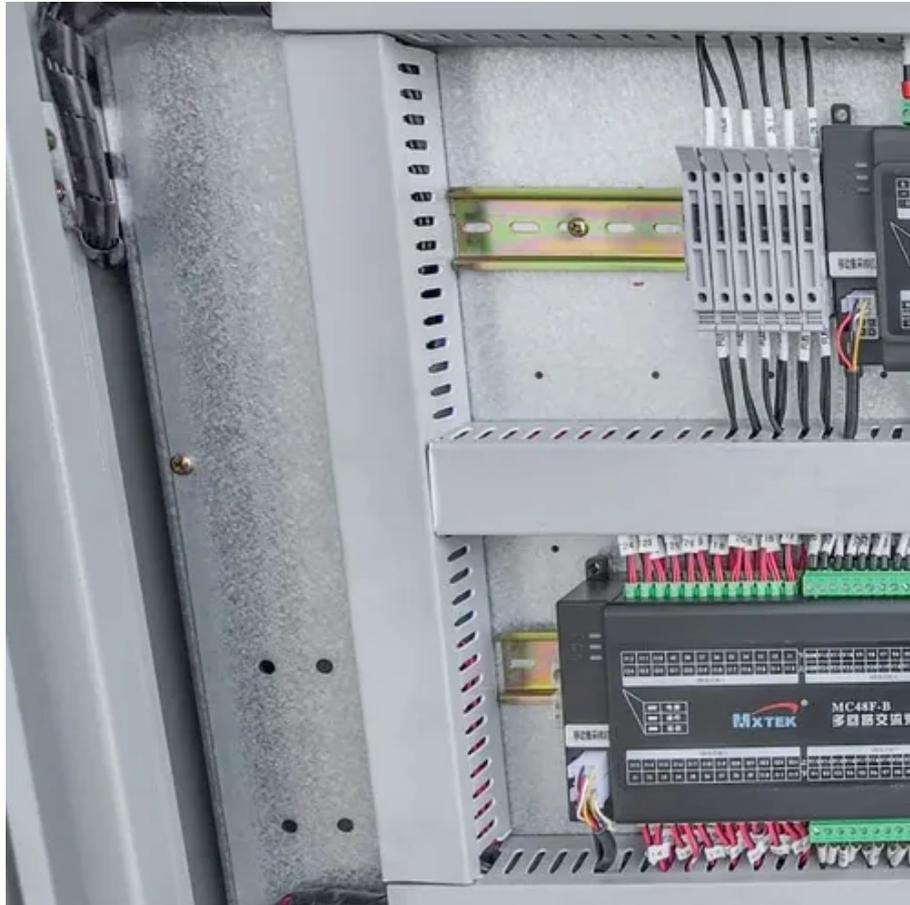




Thailand Power Storage Project





Overview

The Electricity Generating Authority of Thailand (Egat) plans to convert three hydropower dams into massive energy storage systems with a 90-billion-baht investment. This effort aims to stabilize the clean energy supply, supplementing solar and wind power, which are subject to.

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Electricity Generating Authority of Thailand (EGAT) plans to build three pumped storage power plants (PSPPs) with the use of existing dams. One of these dams is located in the northeastern province of Chaiyaphum, while the other two are based in the provinces of Kanchanaburi and Nakhon Si Thammarat.

Thailand intends to source nearly 35,000 MW of new electricity from renewables as it looks to reach carbon neutrality and net zero commitments. However, the deployment of Battery Energy Storage Systems across the country remains limited. There are plans to increase storage capacity, but it may not.

In particular, Pumped Storage Hydropower Plant (PSH) can provide energy storage to support the power system during periods when other renewable energy sources, e.g., solar and wind, are unable to generate electricity. The PSH, therefore, can be conducive to enhancing the power system security.

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Thailand plans to build pumped storage hydropower plants at Chulabhorn Dam. (Photo: EGAT) To mitigate the impact of intermittent wind and solar power generation, the Electricity Generating Authority of Thailand (EGAT) plans to invest 90 billion Thai baht (approximately 2.6 billion USD) in expanding.

The Electricity Generating Authority of Thailand (EGAT) has announced plans to



develop three pumped storage power plants (PSPPs) at existing dams in Chaiyaphum, Kanchanaburi, and Nakhon Si Thammarat provinces. These facilities will have a combined capacity of 2.47 GW and are expected to become.



Thailand Power Storage Project



EGAT to build three pumped storage power plants with 2.5 GW ...

The Electricity Generating Authority of Thailand (EGAT) has announced plans to develop three pumped storage power plants (PSPPs), utilising existing dams across the country.

[Thailand Needs More Battery Energy Storage Systems](#)

Thailand may lack the Battery Energy Storage Systems (BESS) necessary to navigate supply and demand challenges. The 2024 PDP draft included 10,000 MW of BESS, ...



Ambitious solar and storage targets to save 'billions' for Thailand

The increased solar and energy storage targets could sustain the forecasted electricity demand increase from data centres and EV charging in the coming years.



Thailand to add 3 more large-scale pumped storage hydropower ...

To mitigate the impact of intermittent wind and solar power generation, the Electricity Generating Authority of Thailand (EGAT) plans to invest 90 billion Thai baht ...



EGAT to invest 90 billion baht on 3 pumped-storage hydropower ...

The Electricity Generating Authority of Thailand (EGAT) plans to invest some 90 billion baht to build three pumped-storage hydropower plants, an EGAT deputy governor said.

Thailand's Egat to Transform Hydropower Dams into Energy Storage

The Electricity Generating Authority of Thailand (Egat) plans to convert three hydropower dams into massive energy storage systems with a 90-billion-baht investment. This ...



[Thailand to add 3 more large-scale pumped ...](#)

To mitigate the impact of intermittent wind and solar power generation, the Electricity Generating Authority of Thailand (EGAT) plans ...

[EGAT plans three pumped storage power plants in Thailand](#)



The Electricity Generating Authority of Thailand (EGAT) has announced plans to develop three pumped storage power plants (PSPPs) at existing dams in Chaiyaphum, ...

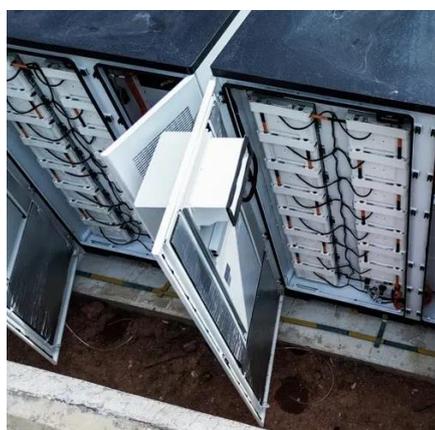


[Thailand's Chiang Mai Energy Storage Project Powering ...](#)

Northern Thailand's energy storage project in Chiang Mai marks a turning point for renewable energy adoption across Southeast Asia. Announced last month, this initiative aims to solve the ...

Thailand to build three PSPPs with combined capacity of 2.5 GW

Electricity Generating Authority of Thailand (EGAT) plans to build three pumped storage power plants (PSPPs) with the use of existing dams. One of these dams is located in ...



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This project aims to serve as an energy storage system to ensure the security of the country's power system and support the transition toward rising renewable energy in the future.

[Thailand's Egat to Transform Hydropower Dams ...](#)

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[EGAT to invest 90 billion baht on 3 pumped ...](#)



The Electricity Generating Authority of Thailand (EGAT) plans to invest some 90 billion baht to build three pumped-storage hydropower plants, an ...





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