

ContainerPower Energy Solutions

Thailand puts energy storage power station into operation



Overview

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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 Chaiphum, while the other two are based in the provinces of Kanchanaburi and Nakhon Si Thammarat.

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 pumped-storage hydropower plants at three dams. These plants will use pumped 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 effort aims to stabilize the clean energy supply, supplementing solar and wind power, which are subject to weather fluctuations.

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.

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. Deputy governor Thawatchai Samranwanit said EGAT

has three projects to build pumped-storage hydropower plants at the.

The Electricity Generating Authority of Thailand (EGAT) has announced plans to develop three pumped storage power plants (PSPPs) at existing dams in Chaiphum, Kanchanaburi, and Nakhon Si Thammarat provinces. These facilities will have a combined capacity of 2.47 GW and are expected to become.

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