

## PEES Power Systems

# Tajikistan s new energy storage investment plan



## Overview

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Two 3 MW solar power plants with 0.5 MW battery storage are planned for Sughd and GBAO under a South Korean cooperation agreement. Tajikistan aims to add up to 1,500 MW of solar and wind capacity over the next two years, targeting renewables to comprise 10 percent of its energy. Two 3 MW solar power plants with 0.1 GW in 2021 to 10 GW to enable 10 TWh of annual electricity export. Consequently, the government aims to achieve this ambition by increasing annual hydropower generation, currently accounting for 90% of. Summary: Tajikistan's growing focus on renewable energy has opened doors for global investors through its latest battery energy storage project bidding. 5 billion to implement its 2026-2030 Energy Sector Development Program, with funding expected from a combination of external and internal sources, including international partners and the state budget. Planned funding sources include: The state budget. In December 2024, the World Bank approved a \$350 million IDA grant for Rogen as part of a larger \$6.

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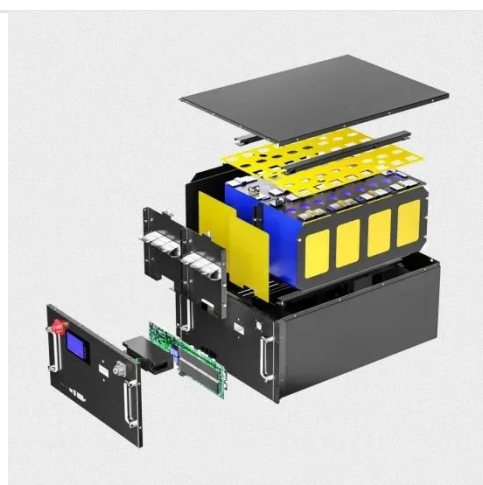


### Tajikistan Plans \$6.5 Billion Investment in Energy Sector

Tajikistan will require approximately \$6.5 billion to implement its 2026-2030 Energy Sector Development Program, with funding expected from a combination of external and internal ...

### Tajikistan Launches Major Green Energy Investment Projects

President Rahmon called on interested companies to invest in these promising projects, emphasizing the growing demand for electricity amid digitalization and the rapid development of new ...



### Economics of energy storage Tajikistan

Tajikistan's geographic proximity to some of the world's fastest-growing energy markets means that investing in developing its hydropower potential can contribute to regional energy security and the ...

## Energy Policy Brief: Turkmenistan

In addition to its vast hydropower export potential, Tajikistan's hydrogen production potential and reserves of critical raw materials, such as manganese, lead, aluminum and zinc, should be leveraged ...



## Is Tajikistan the New Model for Sustainable Energy?

The plan's preferred scenario combines hydropower with solar PV and pumped storage. What specific challenges in the VMKB region led to this diversified mix, and what metrics showed it ...

## Tajikistan's latest energy storage investment project

As Tajikistan's second-largest city, Khujand is making waves with its latest investment in energy storage infrastructure. This strategic move aims to stabilize regional power grids while



## Tajikistan's 2025 Solar Plan: Nationwide Energy Security Boost

Tajikistan is launching a nationwide solar

expansion by 2025 to combat winter power shortages. Learn how new solar stations will enhance energy security and grid stability.



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## Tajikistan's Efforts to Build Out its Energy System Reflects

Last September, Tajikistan's Minister of Energy and Water Resources, Daler Juma, laid out ambitious plans for the future of the country's energy sector.



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## Tajikistan Battery Energy Storage Project Bidding: Opportunities for

With abundant hydropower resources and increasing solar/wind investments, Tajikistan aims to stabilize its grid using battery energy storage systems (BESS). The government's 2023 National Energy ...

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