

## SolarTech Power Solutions

# Kyrgyzstan inter-seasonal energy storage project



✓ IP65/IP55 OUTDOOR CABINET

✓ OUTDOOR CABINET WITH  
AIR CONDITIONER

✓ OUTDOOR ENERGY STORAGE  
CABINET

✓ 19 INCH



## Overview

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The project, which was revealed by Greenergy in November 2023, will pair 1GW of solar PV with 4.1GWh of energy storage, which the company said makes it the largest energy storage projects in the world. How can I export data from Kyrgyzstan?

Data will be available through the .Stat Data Explorer, which also allows users to export data in Excel and CSV formats. Kyrgyzstan has considerable untapped renewable energy potential. Existing renewable energy consists of large HPPs, which account for 30% of total energy supply, but only 10% of hydropower potential has been developed.

What is Kyrgyz energy policy?

Outlook to the Kyrgyz energy policy To unleash the RE capacity, the Kyrgyz government introduced the law titled “Renewable energy sources (RES)” in December 2008 (Ministry of justice of the Kyrgyz Republic, 2008). Kyrgyzstan was the first country in Central Asia who implement RE-based law.

How much CO2 does Kyrgyzstan produce?

higher than the global average. The Kyrgyzstan energy sector contributes to roughly 60%, 9.1 MT of CO2, of its total GHG emissions, where the residential energy consumption and the production of heat & electricity account for over 70.

Does Kyrgyzstan face a high degree of energy insecurity?

Kyrgyzstan - a Central Asian country - faces a high degree of energy insecurity. Synergistic strategies are needed to overcome barriers and expand the Kyrgyz renewable energy sector. Kyrgyzstan – a Central Asian country – faces a high degree of energy insecurity.

Does Kyrgyzstan need heating?

Because of the country's geographical features, the energy need for domestic

space heating is a key priority as compared to the energy need for lighting and cooking in Kyrgyzstan (IEA, 2020). Due to the long and harsh winter (-25 to -30°C in the mountainous areas), heating is a primary need for local people.

Why is energy policy important in Kyrgyzstan?

The current energy policy is considered as one of the key barriers to the developing the renewable energy sector in Kyrgyzstan. Hence, there is an immediate need to evaluate the formulated energy policy to investigate gaps and uncertainties.

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