

## Kyrgyzstan centralized photovoltaic power station energy storage

Where is Kyrgyzstan building a new solar power plant?

Kyrgyzstan has launched the construction of a new solar power plant in the Kemin districtof the Chui region, approximately 100 kilometers east of the capital, Bishkek. The plant will have a capacity of 100 MW and is expected to generate 155 million kWh of electricity annually.

## Why should Kyrgyzstan invest in Kulanak HPP?

As part of the Central Asian Water and Energy Complex mega-project, the Kulanak HPP is expected to contribute to energy security and strengthen Kyrgyzstan's position in Central Asia's electricity market. The EDB has extensive experience in renewable energy projects.

## How will EDB's Kulanak HPP benefit Kyrgyzstan?

The EDB is also implementing a project for the construction and operation of the Kulanak HPP, worth up to US \$127 million. As part of the Central Asian Water and Energy Complex mega-project, the Kulanak HPP is expected to contribute to energy security and strengthen Kyrgyzstan's position in Central Asia's electricity market.

The prototype was installed on a boiler-house "Rotor" located in Bishkek. The installation is able to convert the energy of two main sources of energy: solar radiation and ambient air enthalpy. ...



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