

Solar power satellite factory in Kyrgyzstan



Overview

In December 2025, the country inaugurated its first solar power plant in the Chui region, approximately 100 kilometers east of Bishkek. The 100-megawatt facility was constructed with \$56 million in Chinese investment and is expected to generate around 210 million kWh of clean. The commissioning ceremony for the first stage of the largest solar power plant in Central Asia, ROX Issyk-Kul, took place in the village of Kyzyl-Oruk in Issyk-Kul region, with the participation of President Sadyr Zhaparov. Currently, the plant generates 175 megawatts of electricity, and the total investment at this stage has reached 130 million US dollars. This plant will be the second largest after the. On June 8, 2026, SpaceX officially unveiled its most ambitious hardware yet — the AI1 satellite, the first generation of its orbital artificial intelligence compute platform. The solar power plant is located in the. J. Technology GmbH is a German engineering company specializing in turnkey solar module production lines and manufacturing consulting, with project experience ranging from 20 MW to 500 MW per production line, including multi-line and gigafactory projects exceeding this scale.



Article Content

Kyrgyzstan Solar Manufacturing: A Guide to Local & Export Markets

Considering solar manufacturing in Kyrgyzstan? Discover the dual opportunity of a growing domestic market and a strategic gateway to Central Asian energy economies.

SpaceX AI1 Satellite: Orbital AI Data Center Full Breakdown (2026)

SpaceX AI1 satellite specs, D3 chip details, Gigasat factory, FCC filing, and what the orbital AI data center means for the future of artificial intelligence compute. Full technical deep-dive updated

Kyrgyzstan plans to commission large capacity solar

Emilbek Orozbaev, Director of the Green Energy Fund, spoke about the launch of large-capacity solar power plants. According to the fund's director,

Ravshanbek Sabirov Opened Solar Power Plant in Issyk-Kul

The head of the National Investment Agency under the President of the Kyrgyz Republic, Ravshanbek Sabirov, participated in the ceremonial opening of the solar power plant in Issyk-Kul

Kyrgyzstan Solar Report

The future on-grid solar market in Kyrgyzstan is poised for significant growth, driven by plans for large-scale installations, including a proposed 1,000 MW solar power plant in the Issyk-Kul region.

Huge Solar Power Plant on Issyk-Kul. What is it for?

In the Issyk-Kul region, in the Kyzyl-Oruk area, the first phase of a large solar power plant in Kyrgyzstan was inaugurated. The ceremony was attended by President Sadyr Japarov, w

Technical Consultant EOI Kyrgyz Solar 2 PPP Project

Technical experience relevant to utility-scale, grid-connected solar PV PPP projects, including in conducting detailed technical studies, and supporting governments, sponsors and/or lenders

Kyrgyzstan Launches First Pilot Project on Non-Geostationary Satellite ...

President Sadyr Japarov has signed a decree initiating Kyrgyzstan's first pilot project on the use of non-geostationary satellite systems, the presidential press service reports. The project will

Power plant profile: Issyk-Kul Solar PV Park, Kyrgyzstan

Issyk-Kul Solar PV Park is a 1,000MW solar PV power project. It is planned in Issyk-Kul, Kyrgyzstan. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide,

Eurasian Development Bank to finance 300 MW of solar

The Eurasian Development Bank has agreed to provide \$210 million over 15 years for Bishkek Solar to build a 300 MW solar plant in Kyrgyzstan.

The President launched a solar power plant at Issyk-Kul

President Sadyr Japarov participated in the opening of a solar power plant on Issyk-Kul, with a capacity of 1,900 megawatts. Currently, the plant generates 175 megawatts of electricity, and the

Kyrgyzstan to Construct Solar Power Plant with IFC

Kyrgyzstan is launching a pilot project to construct a solar power plant through a public-private partnership (PPP). The project is supported by the

Kyrgyz women are preparing to launch the first independent satellite ...

Every week, we share inspiring stories of innovators who are implementing socially significant projects as part of the #BOOST program to accelerate innovation. This week's innovators

First Solar Power Plant in Kyrgyzstan Will Save 120,000 Tons of

On Christmas Eve, the Central Asian nation of Kyrgyzstan inaugurated its first solar power plant, one that will power a small city and cut 120,000 tons of CO2 emissions annually.

Masdar to develop 1 GW of renewable projects in

The successful implementation of projects to develop solar power plants of up to 1 GW capacity will help to ensure our nation's energy security," he

Kyrgyzstan, China to build solar power plant in Batken

The main objective of the signed agreement is the construction of a 250 MW solar power plant on total area of 669.3 hectares in Ak-Turpak village of

Kyrgyzstan Launches Its First Solar Power Plant - The Times Of

@president.kg On December 24, Kyrgyzstan inaugurated its first solar power plant in the Kemin district of the Chui region, approximately 100 kilometers east of the capital, Bishkek. The 100

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Kyrgyzstan Expands Solar Energy with New IFC

Kyrgyzstan partners with the IFC to build new solar power plants in Batken and Talas, aiming to power over 125,000 homes and advance its

Chinese Invest in Solar Power for Kyrgyzstan

Chinese Invest in Solar Power for Kyrgyzstan On April 12, the Chairman of the Cabinet of Ministers of the Kyrgyz Republic, Akylbek Japarov

President of Kyrgyzstan launches solar power plant in Issyk-Kul region ...

President of Kyrgyzstan Sadyr Japarov attended the launch of a solar power plant in Issyk-Kul region with a total design capacity of 1,900 megawatts.

First Solar Power Plant of Kyrgyzstan Officially Launched

First solar power plant of Kyrgyzstan of 100-megawatt facility which has a Chinese investment of \$56m may generate 210m kWh of clean electricity per year.

Kyrgyzstan to Revolutionize Its Energy Sector with a

Kyrgyzstan is on track to transform its energy sector with a new and ambitious project that will significantly increase the country's renewable energy

Kyrgyzstan launches first stage of largest solar power plant in Central ...

The commissioning ceremony for the first stage of the largest solar power plant in Central Asia, ROX Issyk-Kul, took place in the village of Kyzyl-Oruk in Issyk-Kul region, with the participation

Kyrgyzstan and IFC sign agreement on solar power plants

As part of the International Energy Investment Forum in Vienna, the Ministry of Energy and the Ministry of Economy and Commerce of Kyrgyzstan signed an agreement with the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.paradoxsolar.co.za>

Email: sales@paradoxsolar.co.za

Phone: +33 7 48 29 63 15

Address: 15 Quai Jean Moulin, 69002 Lyon, France

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