
Solar power satellite factory in Uzbekistan

Will Uzbekistan fund a 250-megawatt solar photovoltaic plant?

Tashkent, Uzbekistan, May 21, 2024 -- The World Bank Group, Abu Dhabi Future Energy Company PJSC (Masdar), and the Government of Uzbekistan have signed a financial package to fund a 250-megawatt (MW) solar photovoltaic plant with a 63-MW battery energy storage system (BESS).

Who will sell electricity to in Uzbekistan?

The project company is committed to selling electricity to the state-owned National Electric Grid of Uzbekistan JSC under a 25-year Power Purchase Agreement for the project, including a 10-year operating term for the BESS component, signed by these two entities.

What is the solar furnace of Uzbekistan?

The Solar Furnace of Uzbekistan was built in Uzbekistan and opened in 1981 as a part of a Soviet Union "Sun" Complex Research Facility, being the world largest concentrator. The rays are focused onto an area the size of a cooking pot and can reach 4,000 °C (7,230 °F), depending on the process installed; for example:

Who is implementing the solar power plant project?

The solar power plant project will be implemented through a project company Nur Bukhara Solar PV LLC owned by Masdar, which is responsible for developing, financing, building, owning, operating, and maintaining the solar plant and BESS.

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Uzbekistan has taken a major step in its renewable energy ambitions with the inauguration of the Nur Bukhara project, the country's first utility-scale integrated solar and ...

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