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Title: Azerbaijan bifacial solar panels

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What is a solar PV project in Azerbaijan?

The Project involves financing the development, construction, operation, and maintenance of two solar photovoltaic (PV) power plants in Azerbaijan - (i) 315 MWac Banka solar PV power plant (Banka Solar); and (ii) 445 MWac Bilasuvar solar PV power plant (Bilasuvar Solar). Applicable Policy and Categorization.

Where is the Bilasuvar solar project located?

The Bilasuvar Solar is located in the Bilasuvar district of the Shirvan-Salyan region in Azerbaijan, about 140 km south of Baku. The Project site covers one land plot of approximately 1,454 hectares, categorized as agricultural land and owned by the Bilasuvar Executive Power.

What are bifacial solar panels?

The construction of Bifacial solar panels is somewhat similar to that of mono-facial panels. The only difference that makes bifacial different from them is that instead of using a back sheet/reflective coating, here transparent glass is used. The below image can clearly illustrate how photons enter into both types of PV modules.

Why are bifacial solar panels better than mono-facial PV panels?

While compared to traditional mono-facial PV panels, BF panels are 11 to 12% more efficient. The reason for its high efficiency includes the use of monocrystalline solar cells & bifacial nature that leads to the production of more energy with the least available resources. 2. Less Space & Panels Required

SOLAR 02.10.2025 15:07 (UTC+04:00) A ceremony was held to mark the installation of the first solar panel at the Bilasuvar Solar Power Plant with a capacity of 445 MW. It was noted that it ...

Oct 2, 2025 · The first solar panel installation ceremony was held at Azerbaijan's 445MW Bilasuvar Solar Power Plant. Over 943,000 bifacial solar panels manufactured by China's JA ...

