

## Solar pv astana

A subsidiary of NAC Kazatomprom JSC, one of the world's largest uranium-mining companies, Astana Solar has already received supply contracts for its modules from uranium mining firm KATCO, which is a joint venture business between France-based AREVA and Kazakhstan-based Kazatomprom, both nuclear power providers.

Astana Solar is also using UMG-Silicon produced by KazSilicon, which is part of a bigger project, KazPV that the country is investing in to provide an integrated solar product for markets within the country and as well as for export.

Initially, Astana Solar is planning to ramp to 50MW capacity in the first quarter of 2013, with further expansions dependent on market demand and UMG-Silicon production expansion at KazSilicon.

Astana (Kazakhstan), 27 September 2023 - Plenitude (Eni) inaugurates today, with the attendance of the Governor of the Turkistan Region, Darkhan Satybaldy, the Ambassador of Italy to Kazakhstan, Marco Alberti and local authorities its first photovoltaic plant in the Republic of Kazakhstan, close to Shaulder village in the Turkistan Region. The facility, with a 50 MW installed capacity, further expands Plenitude's international portfolio and its presence, through its subsidiary Arm Wind, in the Kazakhstan's renewables sector.

The photovoltaic plant, spanning 100 hectares of land, will produce up to 90 GWh of electricity annually and will feature over 93,000 solar panels and an electrical substation. These components will be integrated into the local grid through a new overhead powerline extending for 7.5 kilometers.

Plenitude is Eni's Benefit Corporation (Societ  Benefit) integrating the production of energy from renewable sources, the sale of energy services and an extensive network of charging points for electric vehicles. The company has an installed capacity from renewables of 2.5 GW and aims to reach more than 7 GW installed by 2026 and exceed 15 GW by 2030. In Kazakhstan, Plenitude operates in the renewable energy sector through its subsidiary Arm Wind with a total operating capacity of about 150 MW.

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Guangdong Fivestar Solar Energy Co., Ltd. was founded in 1990, located in Guangdong province South of China. Accumulating more than 27 years' power, Fivestar Solar has become one of the largest [...]

ABi-Solar produces components for photovoltaic systems from 2013. The main products are photovoltaic panels, inverters and electrical protection for them, charge controllers. The main sales markets [...]

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