

# Tashkent photovoltaic solar container device processing enterprise

<div class="df\_qntext">Who owns a 200 MW photovoltaic plant in Uzbekistan?

ACWA Power and the JSC National Electrical Grid of Uzbekistan signed a 25-year Power Purchase Agreement (PPA) for the development/construction/operation of a 200 MW photovoltaic plant including a battery energy storage system ("BESS"). JSC National Electric Grid of Uzbekistan acts as the sole off-taker.

<div class="df\_qntext">Where is PV plant located in Tashkent?

The PV plant site is located along the 4R-12 district highway, which links feeder roads within the districts of Yukorichirchik, Parkent and Kibray to the ring road along the outskirts of Tashkent City. The single carriageway is paved and in good condition.

<div class="df\_qntext">Will Uzbekistan build a solar PV project in Samarkand?

In July 2021, Masdar signed an agreement with the Ministry of Investment and Foreign Trade of the Republic of Uzbekistan and JSC National Electric Grid of Uzbekistan to design, finance, build and operate a 220 megawatt (MW) utility-scale solar PV project in the Samarkand Region.

<div class="df\_qntext">Will Uzbekistan build a 457 megawatt solar PV project?

In August 2021, Masdar signed an agreement with the Ministry of Investment and Foreign Trade of the Republic of Uzbekistan and JSC National Electric Grid of Uzbekistan to design, finance, build and operate a 457 megawatt (MW) utility-scale solar PV project in the Surkhandarya Region of Uzbekistan.

<div class="df\_qntext">Where is Bess project located in Tashkent?

The PV plant and the BESS facility are situated 3.5 km apart, within Yuqorichirchik District and Parkent District respectively. Both districts are located within Tashkent Region. The overall project location lies about 20 km from Tashkent City.

<div class="df\_qntext">Why should you choose Masdar & Tashkent?

Tashkent City. Uzbekistan Masdar has been an early mover in Uzbekistan. Our landmark projects include developing Central Asia's largest wind farm and its largest solar development project, which consists of three utility-scale solar power plants across the country.

Their H2-Solar Container pairs 300kW photovoltaic arrays with on-site electrolyzers, producing 50kg/day of green hydrogen while maintaining 18% solar-to-hydrogen conversion ...

The greatest merit of folding photovoltaic panel containers is their high degree of mobility, avoiding the large occupation of land by traditional solar power generation systems. ...

Uzbekistan actively cooperates with international enterprises and institutions to introduce advanced

