

 Early Warning System

AIIB-000677

Uzbekistan: Masdar 897MW Solar PV Portfolio (Samarkand, Jizzakh and Sherabad solar PV plants)



### Quick Facts

|                         |   |
|-------------------------|---|
| Countries               | Uzbekistan                                    |
| Specific Location       | Samarkand, Surkhandarya, Djizzakh             |
| Financial Institutions  | Asian Infrastructure Investment Bank (AIIB)   |
| Status                  | Approved                                      |
| Bank Risk Rating        | B   |
| Voting Date             | 2023-03-24                                    |
| Borrower                | Masdar (Abu Dhabi Future Energy Company PJSC) |
| Sectors                 | Energy  |
| Investment Amount (USD) | \$ 145.00 million                             |
| Loan Amount (USD)       | \$ 145.00 million                             |



### Project Description

According to the AIIB website, this project will support Uzbekistan's energy transition through the expansion of solar photovoltaic installed capacity.

The Project involves the design, financing, construction, ownership, operation, and maintenance of three solar photovoltaic independent power plants representing a combined 897 megawatt (MW) of installed capacity (Samarkand 220MW plant, Jizzakh 220MW plant and Sherabad 456.7MW plant), and their associated interconnection facilities.

The Project is underpinned by three separate long-term power purchase agreements with JSC National Electric Grid of Uzbekistan. Each plant has its own separate Government Support Agreement and Investment Agreement, Land Agreement, and Land Lease Agreement.



## Early Warning System Project Analysis

### Samarkand 220MW solar PV plant (L0677A)

A 220MW solar PV plant situated in a 438-hectare (ha) area in the Kattakurgan district, 50 kilometers (km) northwest of the city of Samarkand, in the Samarkand region, in the Republic of Uzbekistan (Samarkand Plant). The Samarkand Plant will be connected to the national grid by the 4.5 km 220kV new Overhead Transmission Line (OHL) to the nearest substation, in Ishtihan.

Disclosure on Masdar's website: <https://masdar.ae/en/Masdar-Clean-Energy/Projects/Samarkand-Solar-Project>

### Jizzakh 220MW solar PV plant (L0677B)

A 220MW solar PV plant situated in a 562-ha area situated 243 km southwest of Tashkent and 25 km west of the city of Jizzakh, in the Galaoroll district, in the Jizzakh Region, in the Republic of Uzbekistan (Jizzakh Plant). The Jizzakh Plant will be connected to the national grid by the 14.70 km 220 kV new OHL to the nearest substation, in Saribazar.

Disclosure on Masdar's website: <https://masdar.ae/Masdar-Clean-Energy/Projects/Jizzakh-Solar-Project>

### Sherabad 456.7MW solar PV plant (L0677C)

A 456.7MW peak capacity plant situated in a 631-ha area around 20 km south-west from Sherabad in the Surkhandarya region, in the Republic of Uzbekistan (The Sherabad Plant). The Sherabad Plant will be connected to the national grid by the 50.5 km 220kV new OHL to the nearest substation, in Jarkurgan.

Disclosure on Masdar's website: <https://masdar.ae/en/Masdar-Clean-Energy/Projects/Sherabad-Solar-Project>



## Investment Description

- Asian Infrastructure Investment Bank (AIIB)

The Project is expected to be financed by a group of international financial institutions including the ADB, the European Bank for Reconstruction and Development (EBRD) and the European Investment Bank (EIB), in addition to AIIB (the Lenders).



## Private Actors Description

As stated by the AIIB, the PV plants are being developed by Masdar (Abu Dhabi Future Energy Company PJSC), a global leader in renewable energy and sustainable urban development, through three separate special-purpose entities domiciled in Uzbekistan. Masdar was selected through an international competitive tender set up by the Ministry of Investment and Foreign Trade, the Ministry of Finance, and the Ministry of Energy with assistance from the International Finance Corporation Scaling Solar 2 program (Samarkand and Jizzakh PV plants) and the Asian Development Bank's PPP Advisory Office (Sherabad PV plant).



| Private Actor 1 | Private Actor 1 Role | Private Actor 1 Sector | Relation | Private Actor 2                               | Private Actor 2 Role | Private Actor 2 Sector |
|-----------------|----------------------|------------------------|----------|---|----------------------|------------------------|
| -               | -                    | -                      | -        | Abu Dhabi Future Energy Company PJSC - Masdar | Client               | Energy                 |



## Contact Information

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## ACCESS TO INFORMATION

You can submit an information request for project information at: <https://www.aiib.org/en/contact/information-request/index.html>

## ACCOUNTABILITY MECHANISM OF AIIB

The AIIB has established the Accountability Mechanism for Project-Affected People (PPM). The PPM provides an opportunity for an independent and impartial review of submissions from Project-affected people who believe they have been or are likely to be adversely affected by AIIB's failure to implement the ESP in situations when their concerns cannot be addressed satisfactorily through Project level GRMs or AIIB Management processes. Two or more project-affected people can file a complaint. Under the current AIIB policy, when the bank co-finances a project with another development bank, it may apply the other bank's standards. You can refer to the Project Summary Information document to find out which standards apply. You can learn more about the PPM and how to file a complaint at: <https://www.aiib.org/en/about-aiib/who-we-are/project-affected-peoples-mechanism/how-we-assist-you/index.html>

The complaint submission form can be accessed in Arabic, Bahasa Indonesia, Bengali, Chinese, English, Tagalog, Hindi, Nepali, Russian, Turkish, or Urdu. The submission form can be found at: <https://www.aiib.org/en/about-aiib/who-we-are/project-affected-peoples-mechanism/submission/index.html>



## Bank Documents

- [Project Summary \(January 31, 2023\)](#) [Original Source]

## Corporate Documents

- [Jizzakh E&S Package \(Uzbek\)](#)
- [Jizzakh ESIA](#)
- [Jizzakh ESIA Appendix - CHA](#)
- [Jizzakh ESIA Non-Technical Summary \(English\)](#)
- [Jizzakh Livelihood Restoration Plan \(English\)](#)
- [Jizzakh Stakeholder Engagement Plan \(English\)](#)
- [Samarkand E&S Package \(Uzbek\)](#)
- [Samarkand ESIA \(English\)](#)
- [Samarkand ESIA Appendix - CHA \(English\)](#)
- [Samarkand ESIA Non-Technical Summary \(English\)](#)
- [Samarkand Livelihood Restoration Plan \(English\)](#)
- [Samarkand Stakeholder Engagement Plan \(English\)](#)
- [Sherabad E&S Package \(Uzbek\)](#)
- [Sherabad ESIA \(English\)](#)
- [Sherabad ESIA Appendix - CHA \(English\)](#)
- [Sherabad ESIA Non-Technical Summary \(English\)](#)
- [Sherabad Livelihood Restoration Plan \(English\)](#)
- [Sherabad Stakeholder Engagement Plan \(English\)](#)



## Other Related Projects

- ADB-48080-001 Second Solar Power Project
- WB-P174322 Uzbekistan Scaling Solar 2 and 3 Independent Power Producers
- ADB-54056-001 Partial Credit Guarantee Facility for Uzbekistan Solar PPP Program
- EBRD-52765 Sherabad Solar
- EBRD-53062 Samarkand Solar
- EBRD-53063 Jizzakh Solar
- ADB-55101-001 Uzbekistan: Sherabad Solar Power Project
- ADB-55135-001 Samarkand Solar Power Project
- ADB-55136-001 Jizzakh Solar Power Project
- FMO-62047 Nur Samarkand Solar PV FE LLC
- FMO-62048 Nur Jizzakh Solar PV FE LLC
- FMO-62049 Nur Sherabad Solar PV FE LLC