

 Early Warning System

ADB-57212-001

Uzbekistan : Bukhara Solar and Battery Storage Project



Quick Facts

Countries	Uzbekistan
Specific Location	Alat District of the Bukhara region
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	B
Voting Date	2023-11-16
Borrower	Nur Bukhara Solar PV LLC FE (MASDAR)
Sectors	Energy
Investment Type(s)	Loan
Investment Amount (USD)	\$ 63.60 million
Loan Amount (USD)	\$ 63.60 million
Project Cost (USD)	\$ 316.00 million



Project Description

As stated by the ADB, the Project constitutes the development, construction, operation, and transfer of a 250 MW solar PV along with a 63 MW/126MWh of battery storage and a 220 kV substation. The project site is in the Bukhara region and covers an area of around 6.75 square kilometers.



Early Warning System Project Analysis

The ADB categorized the project as follows:

Environment B

Involuntary ResettlementB

Indigenous Peoples C



Investment Description

- Asian Development Bank (ADB)



Private Actors Description

Nur Bukhara Solar PV LLC FE is a renewable energy company that will build, own and operate an up to 250MW solar PV with 63MW battery energy storage system in Uzbekistan. The Company is owned by Abu Dhabi Future Energy Company PJSC (Masdar) which is ultimately owned by Mubadala Investment Company, Abu Dhabi Developmental Holding Company, and Abu Dhabi National Oil Company. Established in 2006, Masdar is a global leader in renewable energy and sustainable urban development, active in over 40 countries across six continents with a total capacity of over 20 gigawatts (GW) (with credit ratings: Fitch (A+) and Moody's (A2)).



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 National Energy Company PJSC - TAQA	Parent Company	Energy	owns	Abu Dhabi Future Energy Company PJSC - Masdar	Client	Energy
Abu Dhabi National Oil Company	Parent Company	Energy	owns	Abu Dhabi Future Energy Company PJSC - Masdar	Client	Energy
JSC National Electric Grid of Uzbekistan	Buyer	Energy	contracts with	Abu Dhabi Future Energy Company PJSC - Masdar	Client	Energy
Mubadala Investment Co PJSC	Parent Company	Finance	owns	Abu Dhabi Future Energy Company PJSC - Masdar	Client	Energy



Contact Information

ADB Team Leaders:

Danyaal Malik - Private Sector Operations Department

Nicola Davies - Project Manager & Environmental Expert

No contacts available at the time of disclosure.

Consulting Firm - Juru Energy Consulting LLC:

Viktoriya Filatova

Zilola Kazakova

Address: 10A, Chust Str., Tashkent, Uzbekistan, 100077

Email: esia_alat_spp@juruenergy.com

Phone: +998 90 515 03 92

Client - Abu Dhabi Future Energy Company:

Khurshid Karamatov

Email: kkaramatov@masdar.ae

Phone: +998 93 522 00 70

Address: Khalifa City A, Abu Dhabi, UAE, P.O. Box, 54115

Website: www.masdar.com

ACCESS TO INFORMATION

You can submit an information request for project information at: <https://www.adb.org/forms/request-information-form>

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: <https://www.adb.org/site/disclosure/appeals>

ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: <http://www.adb.org/site/accountability-mechanism/main>.



Bank Documents

- Bukhara Solar and Battery Storage Project: Preliminary Poverty and Social Analysis
- Draft Resettlement Plan - Annexes 1
- Draft Resettlement Plan - Annexes 2
- Draft Resettlement Plan - Main Report
- Draft Resettlement Plan - Main Report part 2
- Draft Resettlement Plan - Main Report part 3
- Final Initial Environmental and Social Examination Report - Part 1
- Final Initial Environmental and Social Examination Report - Part 10
- Final Initial Environmental and Social Examination Report - Part 11
- Final Initial Environmental and Social Examination Report - Part 12
- Final Initial Environmental and Social Examination Report - Part 13
- Final Initial Environmental and Social Examination Report - Part 14
- Final Initial Environmental and Social Examination Report - Part 15
- Final Initial Environmental and Social Examination Report - Part 16
- Final Initial Environmental and Social Examination Report - Part 17
- Final Initial Environmental and Social Examination Report - Part 2
- Final Initial Environmental and Social Examination Report - Part 3
- Final Initial Environmental and Social Examination Report - Part 4
- Final Initial Environmental and Social Examination Report - Part 5
- Final Initial Environmental and Social Examination Report - Part 6
- Final Initial Environmental and Social Examination Report - Part 7
- Final Initial Environmental and Social Examination Report - Part 8
- Final Initial Environmental and Social Examination Report - Part 9



Other Related Projects

- IFC-47285 UZ Solar 3
- FMO-62515 Nur Bukhara Solar PV FE LLC
- WB-P181434 Uzbekistan Solar and Renewable Energy Storage Project