



ADB-58416-002

Floating Solar Energy Development in Tajikistan



Quick Facts

Countries	Tajikistan
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	U
Voting Date	2025-11-24
Borrower	Government of Tajikistan
Sectors	Energy, Law and Government, Technical Cooperation
Investment Type(s)	Advisory Services
Investment Amount (USD)	\$ 1.00 million



Project Description

As stated by the ADB, the ensuing project will involve the installation of a utility-scale floating solar photovoltaic (FPV) system on an existing hydropower plant (HPP) reservoir in the country, leveraging existing infrastructure to enhance energy security and resilience. As the first initiative of its kind in Tajikistan, the project will serve as a pilot and learning platform for future renewable energy investments. Its successful implementation could catalyze the expansion of similar projects, strengthening the country's energy infrastructure and advancing its sustainability goals.

The current power generation capacity of Tajikistan is insufficient to meet the increasing internal and external demand driven by population growth, accelerated urbanization, and overall economic expansion. Tajikistan's heavy reliance on hydropower, which accounts for over 90% of the country's electricity generation, makes it energy-insecure and vulnerable to climate change. This dependence on hydropower results in significant seasonal variations in water availability, particularly during the dry season when river water flow decreases, leading to electricity shortages. Consequently, a substantial portion of residents and businesses are left without access to reliable energy during this critical period.



Investment Description

- Asian Development Bank (ADB)



Contact Information

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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

- Technical Assistance Report



Other Related Projects

- ADB-58416-001 Hybrid Power Energy Enhancement Project