



Pakistan: Zorlu Solar Power Project

Project Name	Zorlu Solar Power Project
Project Number	50174-001
Borrower/Company	
Country	Pakistan
Location	
Approval Number	
Type of ADB Assistance / Amount	
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth
Drivers of Change	Partnerships Private sector development
Sector / Subsector	Energy - Renewable energy generation - solar
Gender Equity and Mainstreaming	No gender elements
Responsible ADB Department	Private Sector Operations Department
Responsible ADB Division	Infrastructure Finance Division 1
Responsible ADB Officer	Hashimi, Mohammed Azim
Project Sponsor(s)	
Description	The project involves the construction, commissioning and operation of a 100 MW photovoltaic (PV) solar generation facility located at the Quad-e-Azam Solar Park (QSP) in Bahawalpur, Punjab province, Pakistan
Objectives and Scope	By providing much needed power to a country facing a severe power shortage, which is adversely affecting economic growth, the project has direct and indirect benefits by incrementally increasing access to energy for households, businesses, and industry. It will alleviate poverty through skilled and unskilled job creation and other associated economic activities. The project will also help realize GoP's target of 6% renewable energy in the country's energy mix by 2030, as stated in the Medium Term Development Framework. By using wind energy, the project will diversify the country's fuel mix away from its current heavy dependence on (imported and price volatile) fossil fuels. It will also help the country to attain a diverse fuel mix using indigenous and renewable sources of power, which is needed to develop a balanced and robust power supply system with hedged power generation prices in the medium and long term.
Linkage to Country/Regional Strategy	ADB's assistance to the project will promote private sector participation in Pakistan's renewable energy sector specifically solar where the prices per kwh have shown a significant downward trend. The project will be developed under the Renewable Power Policy 2006 and will apply for the tariff from NEPRA. Successful implementation of the project will foster confidence amongst potential investors and lenders (noting that most commercial banks are still shy of long-term lending in Pakistan) and promote further private sector investment in the country's renewable energy sector. The project will also provide positive socio-economic development by offering skilled and un-skilled employment opportunities to people within the local community during construction.

Safeguard Categories

Environment	B
Involuntary Resettlement	C
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	The project is classified as environment category B in accordance with ADB's Safeguard Policy Statement (2009). The potential environmental impacts of the project are mainly site-specific, reversible, and could be addressed through the implementation of readily designed mitigation measures and good international industry practices. Key concerns relate to construction and operation phase occupational health and safety hazards, use of ground water for panel cleaning and management of damaged solar modules during operation phase.
Involuntary Resettlement	The solar project development will not entail any physical or economic displacement as the project will be located in a 500 acres of land within a solar park and land was leased by the Government of Punjab to the proponent. No settlement or any structure exist at the site.
Indigenous Peoples	There are no IPs/IP communities or ancestral land that will be affected by the project.
Stakeholder Communication, Participation, and Consultation	Several consultations were conducted with different project stakeholders and this will be done continuously to ensure that nearby communities and concerned agencies and organizations are informed of the progress of the project and that issues related to the project are immediately discussed and resolved.

Timetable for assistance design, processing and implementation

Concept Clearance	05 Apr 2017
Due Diligence	
Credit Committee Meeting	-
Approval	-
Last PDS Update	06 Nov 2017

Project Page	https://www.adb.org/projects/50174-001/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=50174-001
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