



Kazakhstan: Baikonyr Solar Power Project

Project Name	Baikonyr Solar Power Project		
Project Number	51250-001		
Borrower/Company			
Country	Kazakhstan		
Location			
Approval Number	7556/3658		
Type of ADB Assistance / Amount	Ordinary capital resources	KZT 4,140.00 million	Proposed
	3658 Ordinary capital resources	KZT 4,140.00 million	Approved
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 construction, commissioning and operation of a 50MW solar power plant and integration into the grid for further electricity sale per a fixed tariff. The project is located approximately 30 km east of the city of Kyzylorda in the Kyzylorda Oblast, an area with high insolation of between 2,200 and 3,300 hours of sunlight per year, translating to 1,450 to 1,750 kW/m2 annually.		
Objectives and Scope	The proposed loan will provide long-term tenge financing not readily available in Kazakhstan market and will help support the development of solar power sector in the country by replacing imports of electricity in Southern Kazakhstan.		
Linkage to Country/Regional Strategy	The project is consistent with ADB's Midterm Review of Strategy 2020, which identifies environment and climate change and infrastructure development as two of the four strategic priorities to sharpen the focus of ADB operations. ADB's support for the project is in line with its country partnership strategy for Kazakhstan, 2017-2021 , fostering sustainable green growth in response to climate change by promoting the use of renewable energy sources and supporting private sector operations in clean and renewable energy.		

Safeguard Categories

Environment	B
Involuntary Resettlement	C
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	The project is classified as category B for environment. An initial environmental examination report has been prepared, to meet the requirements of the ADB's Safeguard Policy Statement (2009), by an independent consultant. The site is not located within or adjacent to an environmentally or culturally sensitive area. The anticipated project impacts noise, vibration, dust, waste generation, ground contamination, and soil erosion - are associated with construction work. These impacts are generally site-specific and short-term and can be effectively managed by good engineering, construction, and housekeeping practices in accordance with the site-specific environmental management plan to be developed. The project site and its immediate surrounds are not within areas of ecological significance. Occupational health and safety concerns will be mitigated through the development of a health and safety plan that will include routine training, monitoring, and the provision of personal protective equipment. Environmental and occupational health and safety provisions, consistent with ADB's Safeguard Policy Statement requirements, will be incorporated into contractor agreements.
Involuntary Resettlement	The solar power plant will be built on a 150-hectare State reserve land. The land is not allocated to or used by any entity and does not contain crops, trees, buildings, cultural and archaeological objects. The land will be leased from the Shieli District Council for 49 years. The project will not cause physical or economic displacement.
Indigenous Peoples	The project will not cause any adverse impact on indigenous peoples. The proposed solar power project site is in the Sulutobe village, inhabited mostly by Kazakhs. The project will not have impacts to socio-cultural groups who may be considered as Indigenous Peoples as per the ADB SPS.
Stakeholder Communication, Participation, and Consultation	The Company has conducted public hearings for the proposed project in November 2015 in Kyzylorda city. A Stakeholder Engagement Plan is also being prepared.

Timetable for assistance design, processing and implementation

Concept Clearance	15 Aug 2017
Due Diligence	
Credit Committee Meeting	23 Apr 2018 to 23 Apr 2018
Approval	-
Last PDS Update	05 Jun 2018

Project Page	https://www.adb.org/projects/51250-001/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=51250-001
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