



Kyrgyz Republic: Uch Kurgan Hydropower Plant Modernization Project (formerly Energy Sector Project)

Project Name	Uch Kurgan Hydropower Plant Modernization Project (formerly Energy Sector Project)								
Project Number	49240-002								
Country	Kyrgyz Republic								
Project Status	Approved								
Project Type / Modality of Assistance	Grant Loan								
Source of Funding / Amount	<table border="1"> <tr> <td colspan="2">Grant: Uch Kurgan Hydropower Plant Modernization Project (formerly Energy Sector Project)</td> </tr> <tr> <td>concessional ordinary capital resources lending / Asian Development Fund</td> <td>US\$ 50.00 million</td> </tr> <tr> <td colspan="2">Loan: Uch Kurgan Hydropower Plant Modernization Project (formerly Energy Sector Project)</td> </tr> <tr> <td>concessional ordinary capital resources lending / Asian Development Fund</td> <td>US\$ 50.00 million</td> </tr> </table>	Grant: Uch Kurgan Hydropower Plant Modernization Project (formerly Energy Sector Project)		concessional ordinary capital resources lending / Asian Development Fund	US\$ 50.00 million	Loan: Uch Kurgan Hydropower Plant Modernization Project (formerly Energy Sector Project)		concessional ordinary capital resources lending / Asian Development Fund	US\$ 50.00 million
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Strategic Agendas	Environmentally sustainable growth Inclusive economic growth								
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships								
Sector / Subsector	Energy - Large hydropower generation - Renewable energy generation - small hydro								
Gender Equity and Mainstreaming	Some gender elements								
Description	The project will (i) modernize Uch Kurgan hydropower plant (HPP) to address reliability, safety, and efficiency of the oldest hydropower plant along the Naryn cascade in the Jalal-Abad province; (ii) develop and commission a new small HPP on Uch Kurgan irrigation canal; and (iii) improve capacity to operate small HPPs.								
Project Rationale and Linkage to Country/Regional Strategy	The project aims to (i) increase supply of renewable energy to national and regional power systems, (ii) improve energy security by enhancing supply reliability, and (iii) enhance understanding on sustainable clean energy development and climate change adaptation, and mitigation measures. Fully modernized Uch Kurgan HPP will results in (i) additional 451 gigawatt-hours (GWh) per year with 20% efficiency increased; (ii) live reservoir volume increased from 7 million cubic meter to 22 million cubic meter; and (iii) 52,428 tons CO2 emission reductions per annum.								
Impact	More reliable power supply in Kyrgyz Republic (National Sustainable Development Strategy, 2013-2017)								

Project Outcome

Description of Outcome	Sustainable hydropower generation in Kyrgyzstan increased
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Progress Toward Outcome

Implementation Progress

Description of Project Outputs	Uch Kurgan HPP modernized Small HPP on Uch Kurgan irrigation canal developed and commissioned Capacity of developing and operating small hydropower plants enhanced.
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Status of Implementation Progress (Outputs, Activities, and Issues)

Geographical Location

Safeguard Categories

Environment	A
Involuntary Resettlement	B
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design

During Project Implementation

Responsible ADB Officer	Koh, Pei Ling
Responsible ADB Department	Central and West Asia Department
Responsible ADB Division	Energy Division, CWRD
Executing Agencies	<i>OJSC Electric Power Plants 326 Jibek Jolu Prospect, Bishkek Kyrgyz Republic</i>

Timetable

Concept Clearance	19 Apr 2017
Fact Finding	03 Jul 2018 to 16 Jul 2018
MRM	13 Dec 2018
Approval	23 Feb 2019
Last Review Mission	-
Last PDS Update	25 Sep 2017

Project Page	https://www.adb.org/projects/49240-002/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=49240-002
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