



Project Data Sheet

Project 39029-012

Project Name	Community-based Rural Power Supply Project (formerly called Community-based Electricity Supply in Remote Areas)	
Project Number	39029-012	
Country / Economy	Tajikistan	
Project Status	Closed	
Project Type / Modality of Assistance	Grant	
Source of Funding / Amount	Grant 9089-TAJ: Community-based Rural Power Supply Project (formerly called Community-based Electricity Supply in Remote Areas)	
	Japan Fund for Prosperous and Resilient Asia and the Pacific	US\$ 2.00 million
Strategic Agendas	Environmentally sustainable growth	
Drivers of Change	Gender Equity and Mainstreaming	
Sector / Subsector	Energy / Renewable energy generation	
Gender	Gender equity	
Description	<p>The objective of the Project is to improve quality of life during winter in the remote rural project areas by improving utility services during the winter season. The outcome of the Project is to establish and prove sustainable and cost-effective community-based micro-hydropower supply system in remote rural areas. The expected outputs are (i) rehabilitation or upgrading of maximum six viable community-based energy organizations; (ii) implementation of maximum six pilot micro-hydropower projects each having about minimum 200 kilowatt capacity and strengthening of distribution networks; (iii) supply of energy in pilot project areas, and (iv) greater awareness of energy saving in pilot project areas. Each micro-hydropower project would have a capacity of minimum 200 kW and would supply electricity to approximately 400 households.</p>	
Project Rationale and Linkage to Country/Regional Strategy	<p>The project requires flexibility in developing the appropriate organizational mechanisms and community-accessible technology before its full scale expansion. The proposed activities require the close involvement of the local communities and officials in the villages. It would not be possible to organize such interfaces under a regular loan without first establishing a viable implementation model. The Project will demonstrate the effectiveness and sustainability of the community-based micro-hydropower system and provide the resources required to develop and adapt the concepts to Tajikistan circumstances to replicate the project impact on poverty reduction.</p>	
Impact	Improved quality of life during winter in remote rural areas by improving electric supply services.	

Project Outcome

Description of Outcome	Establishment and provision of sustainable and cost-effective community-based micro-hydropower supply system in remote rural areas.
Progress Toward Outcome	Physically completed.

Implementation Progress

Description of Project Outputs	The outputs will be (i) identification of six viable community-based energy organizations (CBOs); (ii) strengthening of distribution networks and rehabilitation or upgrading of a maximum of six pilot micro-hydropower projects, each with a minimum capacity of 200 kilowatt (kW); (iii) supplying energy in pilot project sites; and (iv) improving awareness of energy saving in the pilot project sites. Each micro-hydropower project will supply electricity to about 400 households.
Status of Implementation Progress (Outputs, Activities, and Issues)	Project was closed on 30 November 2009. Works on both Lyangar MHP was Dijik MHP have been completed. Lyangar MHP commissioned successfully on 26 November 2009.
Geographical Location	

Safeguard Categories

Environment	B
Involuntary Resettlement	C
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	IEE prepared for the MHP subprojects.
Involuntary Resettlement	No involuntary resettlement involved in the project.
Indigenous Peoples	No indigenous people involved in the project.

Stakeholder Communication, Participation, and Consultation

During Project Design	Stakeholder consultation was not conducted during project design since project sites were only identified during first phase of the project.
During Project Implementation	Stakeholders were consulted on MHP development, tariff structure, MHP operation (including training), energy efficiency, etc.

Business Opportunities

The total input of international and domestic consultants will be 16 and 197 months, respectively.

1. Component A: Participatory Site Selection and Community Mobilization

International Consultant team: (person-months in parentheses)

(i) Hydropower specialist (team leader) 3 person-months; (ii) Economist - (0.75)); (iii) financial specialist - (0.5); (iv) environmental specialist - (0.5); (v) social development specialist - (1.25); and (vi) legal expert - (0.75)

Domestic Consultant:

(i) 2 civil engineers - (6 person-months total); (ii) 2 electro-mechanical engineers - (6 person-months total); (iii) one hydrologist engineer - (3); (iv) one geologist/geotechnical specialist - (3); (v) 2 power economists (6 person-months total); (vi) financial analyst (3); (vii) 2 environmental specialists (6 person-months total); (viii) lawyer (3); and (ix) 4 social development specialists (15 person-months total)

2. Component B: Capacity Building of Community-Based Organization (CBO) through establishment of Micro-Hydropower System

(i) hydropower specialist (team leader) (3 person-months); (ii) social development specialist (3)

The domestic consultants (total 132 person-months) will assist the international consultant in design, construction, and commissioning of the pilot projects

3. Component C: Energy Conservation Demonstration Project

(i) energy specialist (1 person-month) and (ii) energy conservation specialist (domestic consultant - 1 person-month)

Consulting Services

Responsible ADB Officer Mtchedlishvili, Levan G.

Responsible ADB Department Central and West Asia Department

Responsible ADB Division Energy Division, CWRD

Executing Agencies
Ministry of Energy
Mr. Pulod Mukhiddinov
6 Rudaki Avenue Dushanbe, Tajikistan
Ministry of Energy and Industry
22 Rudaki Avenue, Dushanbe 734012
Republic of Tajikistan

Timetable

Concept Clearance	11 Mar 2005
Fact Finding	07 Oct 2005 to 15 Oct 2005
MRM	-
Approval	15 Mar 2006
Last Review Mission	-
PDS Creation Date	06 Mar 2006
Last PDS Update	28 Feb 2011

Grant 9089-TAJ

Milestones

Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual

15 Mar 2006 23 May 2006 23 May 2006 31 Jul 2007 30 Nov 2009 31 May 2011

Financing Plan

Grant Utilization

	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	2.00	Cumulative Contract Awards			
ADB	0.00	17 Jun 2022	0.00	1.84	92%
Counterpart	0.00	Cumulative Disbursements			
Cofinancing	2.00	17 Jun 2022	0.00	1.84	92%

Status of Covenants

Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	Satisfactory	-	Satisfactory	-	Satisfactory

© 2023 Asian Development Bank

This page was generated from /projects/39029-012/main on 06 June 2023