



Project Data Sheet

Project 49253-002

Project Name Power Generation Efficiency Improvement Project

Project Number 49253-002

Country / Economy Uzbekistan

Project Status Closed

Project Type / Modality of Assistance Technical Assistance

TA 9099-UZB: Power Generation Efficiency Improvement Project

Technical Assistance Special Fund US\$ 1.50 million

TA 9099-UZB: Power Generation Efficiency Improvement Project (Supplementary)

Source of Funding / Amount Technical Assistance Special Fund US\$ 300,000.00

TA 9099-UZB: Power Generation Efficiency Improvement Project (Supplementary)

Technical Assistance Special Fund US\$ 450,000.00

TA 9099-UZB: Power Generation Efficiency Improvement (2nd Supplementary)

Technical Assistance Special Fund US\$ 150,000.00

Strategic Agendas Environmentally sustainable growth
Inclusive economic growth

Drivers of Change Gender Equity and Mainstreaming
Governance and capacity development
Knowledge solutions

Sector / Subsector **Energy** / Energy sector development and institutional reform

Gender Some gender elements

Description The project will construct two units of 450 MW energy efficient combined cycle gas turbines at the Talimarjan Thermal Power Plant located in Kashkadarya region, contributing to energy saving, greenhouse gas emission reduction, and reliable power supply in Uzbekistan. The project will build on the experience gained through Talimarjan Power Project (phase 1 project) by further improving the corporate governance and promoting commercialization of the energy sector.

Project Rationale and Linkage to Country/Regional Strategy	<p>It is expected that the project preparatory technical assistance (PPTA) consultants will undertake the following due diligence.</p> <p>(i) Technical. Technical due diligence will assess the size, design, configuration, functions, and the cooling tower of the power plant. The adequacy of interfaces with gas, water, and power evacuation facilities will be reviewed. Operation and maintenance capacity will be assessed. Implementation constraints and lessons from the phase 1 project will also be reviewed.</p> <p>(ii) Economic and financial. Economic due diligence will review the least cost options and economic viability. Financial due diligence will cover the preparation of cost estimates and financing plan, the project financial viability, cost recovery tariff, and sustainability of Uzbekenergo and the Talimarjan TPP.</p> <p>(iii) Governance. Governance due diligence will cover financial management assessment, procurement capacity assessment, assessment of implementation structure and fund flow arrangements, institutional and procedural constraint review, integrity due diligence of potential cofinancier, policy and legal capacity for Talimarjan TPP to be the end borrower.</p> <p>(iv) Poverty and social. Poverty and social assessment will cover the potential impact on inclusive growth, at the national and local level, and both direct and indirect. The PPTA will assess how the project can enhance the functions and activities of the social community center to be established under the first phase project. Gender category is "some gender elements".</p> <p>(v) Safeguards. Environmental category is "A". An environmental impact assessment will be conducted to abide by ADB's Safeguard Policy Statement (SPS) (2009). Involuntary resettlement and indigenous peoples impact categories are both "C". The project expects no resettlement or land acquisition as the proposed facility will be installed within the existing thermal power plant. No indigenous peoples as described in SPS (2009) are present in the project area.</p>
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Impact

Project Outcome

Description of Outcome

Progress Toward Outcome

Implementation Progress

Description of Project Outputs

Status of Implementation Progress (Outputs, Activities, and Issues)

Geographical Location

Nation-wide

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design	As a part of the preparation of environmental impact assessment, at least two stakeholder consultations will be conducted by the project implementation agency with the assistance of project preparatory technical assistance consultant. In addition, as a part of rapid poverty and social assessment, PPTA consultant will organize Focus Group discussions (FGD) and structured interviews in Nuristan town.
During Project Implementation	To be confirmed during the project design.

Business Opportunities

Consulting Services	Consulting firm services totalling 33 person-months for international and 20 person-months for national, respectively to undertake project due diligence, prepare feasibility reports required by the Government and draft bidding documents. Recruitment selection method: quality-and cost-based selection (QCBS) with full technical proposal. Individual national consultant is required to assist Executing Agency and project processing team in (i) achieving project readiness, and (ii) recruiting the project implementation consultant, and (iii) assessing the local industry capacity in the power sector.
Responsible ADB Officer	Kim, Seung Duck
Responsible ADB Department	Central and West Asia Department
Responsible ADB Division	Energy Division, CWRD
Executing Agencies	<i>Joint-Stock Company Regional Electrical Power Networks 66, Mustakilik str., Tashkent, Uzbekistan</i>

Timetable

Concept Clearance	-
Fact Finding	-
MRM	-
Approval	19 Apr 2016
Last Review Mission	-
Last PDS Update	29 Sep 2017

TA 9099-UZB

Milestones

Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
19 Apr 2016	13 May 2016	13 May 2016	30 Jun 2017	31 Dec 2019	16 Jun 2020

Financing Plan/TA Utilization

Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart		Project Sponsor	Others	Total	Date	Amount
		Gov	Beneficiaries					

2,400,000.00	0.00	0.00	0.00	0.00	0.00	2,400,000.00	17 Jun 2022	2,215,510.66
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