



Pakistan: Power Transmission Enhancement Investment Program II

Project Name	Power Transmission Enhancement Investment Program II								
Project Number	48078-001								
Country	Pakistan								
Project Status	Active								
Project Type / Modality of Assistance	Technical Assistance								
Source of Funding / Amount	<table border="1"> <tr> <td colspan="2">TA 8818-PAK: Power Transmission Enhancement Investment Program II</td> </tr> <tr> <td>Technical Assistance Special Fund</td> <td>US\$ 1.50 million</td> </tr> <tr> <td colspan="2">TA 8818-PAK: Power Transmission Enhancement Investment Program II (Supplementary)</td> </tr> <tr> <td>Technical Assistance Special Fund</td> <td>US\$ 600,000.00</td> </tr> </table>	TA 8818-PAK: Power Transmission Enhancement Investment Program II		Technical Assistance Special Fund	US\$ 1.50 million	TA 8818-PAK: Power Transmission Enhancement Investment Program II (Supplementary)		Technical Assistance Special Fund	US\$ 600,000.00
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Technical Assistance Special Fund	US\$ 600,000.00								
Strategic Agendas	Inclusive economic growth Regional integration								
Drivers of Change	Governance and capacity development								
Sector / Subsector	Energy - Electricity transmission and distribution								
Gender Equity and Mainstreaming	No gender elements								
Description	The objective of the proposed multitranche financing facility (MFF) is to improve Pakistan's power transmission infrastructure and management. To achieve this objective, the investment program consists of staged physical investments in the high-voltage transmission system, including the rehabilitation, augmentation and expansion of transmission lines, substations and supporting infrastructure. The physical investments will increase transmission capacity to meet growing demand, improve transmission efficiency and energy security, and evacuate additional sources of power. Nonphysical investments will focus on increasing the financial management, regulatory relations and procurement capacity of the transmission system owner and operator, the National Transmission and Despatch Company (NTDC). The nonphysical investments will increase institutional efficiency, cost recovery, competition, transparency and good governance within the sector. A project preparatory technical assistance (PPTA) will conduct due diligence for the MFF and tranche 1.								
Project Rationale and Linkage to Country/Regional Strategy	A reliable and sustainable energy sector is essential to the economic growth and well-being of Pakistan. The current average daily shortfall in the supply is between 4,500 and 6,000 megawatts (MW), resulting in routine load shedding of up to 12 hours per day in urban areas and 18_20 hours per day in rural areas. Chronic power shortages reduce gross domestic product (GDP), increase security issues and social unrest, and increase poverty. The proposed MFF will assist NTDC to evacuate additional generation capacity currently planned or under construction, meet network safety and security requirements, and reduce system losses. Expanding and upgrading the transmission backbone will provide reliable and high-quality supply to meet increasing demand from industrial, commercial, agricultural, and domestic customers. The PPTA will provide for the required due diligence and expertise of competent international and national consultants needed to prepare the investment program.								
Impact									

Project Outcome

Description of Outcome

Progress Toward Outcome

Implementation Progress

Description of Project Outputs

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

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design

During Project Implementation

Business Opportunities

Consulting Services

The PPTA engaged an international consulting firm to prepare: the feasibility studies; due diligence; bid documents, technical specifications; bid evaluation; capacity development; and updating of road map. Individual national experts will be engaged to assist the executing agency to assess environment, social and gender impacts. The quality- and cost-based selection method (90:10) was used with full technical proposal for the recruitment of consulting firm. Contract was awarded in October 2015. Inception Report has been submitted. The PPTA also engaged four Social Safeguards _ Resettlement Specialist (individual consultants) and another 4 Environmental Experts (individual consultants) to assist and carry out Land Acquisition and Resettlement Framework and environmental assessment for the MFF.

Specifically, the Social Safeguards/Resettlement specialist will complete data collection and prepare the land acquisition and resettlement framework (LARF) taking into account the LARF from the existing MFF, screen subprojects for LAR-impacts, draft land acquisition and resettlement plans (LARPs), a due diligence report for subprojects without LAR-impacts and Indigenous People Framework and Plans (if required) which meet the requirements of ADB's SPS 2009.

The Environmental Specialist will review existing environmental assessment documents related to the project and the environmental management capability of the executing agency and implementing agency and recommend institutional strengthening measures. The specialist is also tasked to prepare Rapid Environmental Assessment (REA) checklist and an environmental impact assessment report, a fully-costed Environmental Management Plan (EMP) as part of the environmental assessment report and the Environmental Framework for the MFF in line with ADB SPS 2009.

In 24 November 2016, the Asian Development Bank (ADB) expanded the technical assistance (TA)'s scope, increased the TA amount from \$1.5 million to \$2.1 million, and extended the TA to 31 December 2017. Nine individual consultants are currently being recruited under this project for Tranche 2 project preparation for National Transmission and Despatch Company (NTDC) and Central Power Purchasing Agency (Guarantee) Limited (CCPA-G)'s supervisory control and data acquisition, revenue metering systems, and settlement systems (ref. EAD's request of 15 August 2016).

Procurement not applicable

Responsible Staff

Responsible ADB Officer

Zhang, Lei

Responsible ADB Department

Central and West Asia Department

Responsible ADB Division

Energy Division, CWRD

Executing Agencies

*Asian Development Bank
6 ADB Avenue,
Mandaluyong City 1550, Philippines*

Timetable

Concept Clearance

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Fact Finding

-

MRM

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Approval

16 Dec 2014

Last Review Mission

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Last PDS Update

21 Mar 2017

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
16 Dec 2014	09 Jan 2015	09 Jan 2015	31 Dec 2015	31 Dec 2017	-

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
2,100,000.00	0.00	0.00	0.00	0.00	0.00	2,100,000.00	16 Dec 2014	975,794.32

Project Page <https://www.adb.org/projects/48078-001/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=48078-001>

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