

 Early Warning System

ADB-60043-001

Second Power Distribution Strengthening Project



Quick Facts

Countries	Pakistan
Financial Institutions	Asian Development Bank (ADB)
Status	Proposed
Bank Risk Rating	B
Borrower	Government of Pakistan
Sectors	Communications, Energy, Infrastructure
Investment Type(s)	Loan
Investment Amount (USD)	\$ 130.00 million
Loan Amount (USD)	\$ 130.00 million



Project Description

As stated by the ADB, the project will deploy Asset Performance Management Systems (APMS), Advanced Metering Infrastructure (AMI) and associated data management and analytics platforms to improve real-time network visibility, predictive maintenance, loss reduction, outage response, and billing integrity. By extending PDSP-1 interventions to the Peshawar Electric Supply Company (PESCO), the Hazara Electric Supply Company (HAZECO), Quetta Electric Supply Company (QESCO), and additional coverage in Lahore Electric Supply Company (LESCO) and Sukkur Electric Power Company (SEPCO), the project directly addresses identified gaps in system visibility, weak asset utilization, and limited adoption of modern operational technologies across the distribution companies.

PROJECT RATIONALE AND LINKAGE TO COUNTRY/REGIONAL STRATEGY

Pakistan's power sector faces persistent financial and operational stress, driven by high system costs, weak governance, and poor operational performance across the electricity value chain, with direct impacts on consumers in the form of frequent load shedding, unstable power supply, and uneven service quality across regions. Distribution companies (DISCOs) continue to exhibit high losses, weak revenue recovery, poor asset utilization, and limited digital visibility of network conditions, constraining effective maintenance planning and timely fault response, particularly in high-loss and underserved areas. These challenges are compounded by increasing disruptions caused by extreme weather events and limited deployment of modern operational technologies, including the absence of real-time monitoring and analytics to manage overloaded transformers, high-loss feeders, and service reliability. The project addresses these binding constraints by scaling up APMS and AMI to improve network visibility, enable predictive maintenance, reduce losses, and strengthen the operational accountability of DISCOs. This will improve reliability, lower system costs, support circular debt reduction, and enhance climate resilience of the distribution networks.



Early Warning System Project Analysis

The ADB categorized the project E&S risks as follows:

- Environment - B
- Involuntary Resettlement - C
- Indigenous Peoples - C



Investment Description

- Asian Development Bank (ADB)



Private Actors Description

The implementing agencies will be:

Hazara Electric Supply Company

Lahore Electric Supply Company

Peshawar electric Supply Company

Quetta Electric Supply Company

Sukkur Electric Power Company



Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Hazara Electric Supply Company	Contractor	Energy
-	-	-	-	Lahore Electric Supply Company	Contractor	Energy
-	-	-	-	Peshawar Electric Supply Company	Contractor	Energy
-	-	-	-	Quetta Electric Supply Company	Contractor	Energy
-	-	-	-	Sukkur Electric Power Company	Contractor	Energy



Contact Information

ADB Team Leader:

Seung Duck Kim

Email: seungduckkim@adb.org

ACCESS TO INFORMATION

You can submit an information request for project information at: <https://www.adb.org/forms/request-information-form>

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: <https://www.adb.org/site/disclosure/appeals>

ACCOUNTABILITY MECHANISM OF ADB

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