



India: Madhya Pradesh Power Transmission and Distribution System Improvement Project

Project Name	Madhya Pradesh Power Transmission and Distribution System Improvement Project				
Project Number	47100-004				
Country	India				
Project Status	Active				
Project Type / Modality of Assistance	Loan				
Source of Funding / Amount	<table border="1"> <tr> <td colspan="2">Loan 3066-IND: Madhya Pradesh Power Transmission and Distribution System Improvement Project</td> </tr> <tr> <td>Ordinary capital resources</td> <td>US\$ 350.00 million</td> </tr> </table>	Loan 3066-IND: Madhya Pradesh Power Transmission and Distribution System Improvement Project		Ordinary capital resources	US\$ 350.00 million
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Strategic Agendas	Environmentally sustainable growth Inclusive economic growth				
Drivers of Change	Governance and capacity development				
Sector / Subsector	Energy - Electricity transmission and distribution				
Gender Equity and Mainstreaming	No gender elements				
Description	<p>Madhya Pradesh power transmission and distribution system served a peak demand of 8,505 megawatt (MW) and delivered 41,392 gigawatt hours (GWh) in 2012. However, the estimated peak demand was 9,151 MW, resulting in an unmet energy demand of 8,393 GWh (20% of the requirement). There are 8.21 million electricity customers in the state, of which 6.1 million were household customers with a legal power connection, representing about 60% of all households. New power connections are provided to households under a number of programs, and consumption per customer is also expected to increase in the face of robust economic growth in the state. Therefore, the demand for electricity is expected to increase and meeting this growing demand requires upgrading and expansion of the transmission and distribution network in the state.</p> <p>Quality of power supply and reliability of service in MP used to be substantially below the standards expected of a modern public electricity network. The Asian Development Bank (ADB), other development partners, and the government undertook a series of investments for expansion, upgrading and reconfiguration of the transmission and distribution networks since 2001. The ADB alone has approved about \$1.37 billion worth of investment projects since 2001, mainly for transmission and distribution improvements. The government's own programs includes: (i) Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) program for rural electrification; (ii) the Restructured Accelerated Power Development Reforms Program (R-APDRP), to improve electricity distribution infrastructure in urban areas; and (iii) Feeder Separation Program to limit agricultural supply to 8 hours and to provide rural households with 24-hour power supply. While the RGGVY and R-APDRP programs are nearing their completion, the feeder separation program is half way through its implementation.</p>				
Project Rationale and Linkage to Country/Regional Strategy	The proposed project undertakes transmission and distribution improvements, critical for meeting the growing demand for power in Madhya Pradesh (MP) in India. As a follow up to the previous investments in MP, the project will undertake selected transmission system improvement, distribution system improvement and capacity building. The main objectives of the project are to provide adequate transmission and distribution capacity to supply growing power demand; and reduce the system losses to ensure financial sustainability of the MP power distribution companies.				
Impact	Adequate and reliable power supply in Madhya Pradesh				

Project Outcome

Description of Outcome	Increased capacity and operational efficiency in the electricity transmission and distribution system in Madhya Pradesh
Progress Toward Outcome	Implementation is ongoing.

Implementation Progress

Description of Project Outputs	1. Transmission system upgraded and expanded 2. Distribution system upgraded and expanded 3. Built capacity of executing agency staff 4. Project management system in place
Status of Implementation Progress (Outputs, Activities, and Issues)	All contracts have been awarded, implementation is ongoing.
Geographical Location	

Safeguard Categories

Environment	B
Involuntary Resettlement	B
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	The initial environmental examination report was disclosed on the ADB website. Consultants for preparing Social and Environmental Monitoring Report have been recruited by executing agencies. The Environmental Monitoring reports submitted by EAs have been uploaded on ADB website.
Involuntary Resettlement	The resettlement plan was disclosed on the ADB website.
Indigenous Peoples	Social assessments conducted during project preparation found no indigenous peoples who would be impacted by project activities. If any project impact on indigenous peoples is found during implementation, project authorities will either formulate an indigenous peoples plan or revise the approved resettlement plan, incorporating additional entitlements to address them. The revised resettlement plan or the new indigenous peoples plan will be submitted to ADB for review and approval.

Stakeholder Communication, Participation, and Consultation

During Project Design	During Project preparation, consultations were held with the concerned Government officials. Additionally, consultations were also carried out with the affected persons in the project area and with the local community.
During Project Implementation	Public consultation with all stakeholders will continue throughout implementation of the project.

Business Opportunities

Consulting Services	Consultant requirements are covered under the PPTA for Madhya Pradesh Transmission and Distribution System Improvement Project with a total cost of \$750,000. Total consultant requirement is 39 months of which 21 person-months are international.
Procurement	All procurement of goods and works shall be undertaken in accordance with ADB's Procurement Guidelines. International competitive bidding procedures shall be followed for all the packages.

Responsible Staff

Responsible ADB Officer	Banerjee, Jyotirmoy
Responsible ADB Department	South Asia Department
Responsible ADB Division	India Resident Mission

Executing Agencies

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 Madhya Pradesh Power Transmission Company Limited
 Madhya Pradesh

Timetable

Concept Clearance	29 May 2013
Fact Finding	05 Aug 2013 to 16 Aug 2013
MRM	05 Sep 2013
Approval	27 Nov 2013
Last Review Mission	-
Last PDS Update	24 Mar 2017

Loan 3066-IND

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
27 Nov 2013	17 Feb 2014	21 Mar 2014	31 Dec 2018	-	-

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	500.00	Cumulative Contract Awards			
ADB	350.00	27 Nov 2013	346.32	0.00	99%
Counterpart	150.00	Cumulative Disbursements			
Cofinancing	0.00	27 Nov 2013	111.08	0.00	32%

Project Page	https://www.adb.org/projects/47100-004/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=47100-004
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