



Project Data Sheet

Project 43166-200

Project Name	Advanced Project Preparedness for Poverty Reduction - Gender Inclusive Capacity Development for Electricity Distribution Loss Reduction in Rural Madhya Pradesh (Subproject 23)	
Project Number	43166-200	
Country / Economy	India	
Project Status	Closed	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 8056-IND: Advanced Project Preparedness for Poverty Reduction - Gender Inclusive Capacity Development for Electricity Distribution Loss Reduction in Rural Madhya Pradesh (Subproject 23)	
	Technical Assistance Grant Fund (UKG)	US\$ 600,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Gender Equity and Mainstreaming	
Sector / Subsector	Energy / Electricity transmission and distribution	
Gender	Gender equity	

Description	<p>The proposed subproject complements Tranche 2 of the _Madhya Pradesh Energy Efficiency Improvement Investment Program_, a multitranche financing facility, which will enable the power distribution companies (DISCOMs) to supply good quality uninterrupted power to rural households, thus contributing significantly to poverty reduction and promoting gender inclusive rural development. Tranche 1 of the investment program included a TA for enhancing the energy-based livelihoods of women entrepreneurs resulting from the availability of power on a 24-hour basis. The proposed subproject aims to strengthen the capacity in the sector to reduce electricity distribution losses with active participation of women. Power distribution loss reduction is crucial for the success of the investment program. Distribution loss reduction require metering all the households but meter reading in rural setting can be expensive given that houses are located sparsely. An alternative approach is to hire casual meter readers at Panchayat level. Assistance has been provided to the DISCOMs for a computer based management system under the tranche 6 of the Power Sector Investment Program for Madhya Pradesh. However, the capacity of the planning cells in DISCOMs needs to be built to fully utilize this system and also to undertake energy auditing and locating the losses. Interventions under the Madhya Pradesh Energy Efficiency Improvement Investment Program will reduce losses to some extent but further loss reduction requires use of new technologies. Understanding the loss reduction technologies and methods in Asian countries which have been able to maintain very low loss levels is very useful for planning future loss reduction activities in Madhya Pradesh.</p>
Project Rationale and Linkage to Country/Regional Strategy	<p>Distribution losses in rural areas are expected to be reduced from 46% to 32% by 2014 in the 32 districts covered by the investment program. Separation of power supply lines -- feeder separation -- to agriculture and other customers is necessary to ensure the 24-hour supply of power to households. Additional measures under the investment program such as the 100% metering of rural households are necessary to reduce DISCOMs' technical and commercial losses. The proposed subproject will complement the investment program by building the capacity at all levels of the distribution network to reduce distribution losses. Under the investment program 100% metering will be provided for rural households across 32 districts by 2014. The subproject outputs are described below.</p>
Impact	Electricity distribution losses in rural Madhya Pradesh is reduced

Project Outcome

Description of Outcome	Capacity of the DISCOMs built for distribution loss reduction
Progress Toward Outcome	Implementation completed and outcome achieved.

Implementation Progress

Description of Project Outputs	<ol style="list-style-type: none"> 1. Trained meter readers and DISCOM focal points 2. Trained officials in three DISCOMs planning cells 3. Trained DISCOM officials and decision makers on loss reduction
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Status of Implementation Progress (Outputs, Activities, and Issues)	1514 youths, including 579 females, from Bhopal, Indore and Jabalpur region have been trained for meter readers and DISCOM focal points. Overseas Study Tour for a group of power sector officials from Madhya Pradesh had been conducted (20-24 Aug 2012).
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Geographical Location

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design	During Project preparation, consultations were held with the concerned Government officials and other stakeholders.
During Project Implementation	Public consultation with all stakeholders continued throughout implementation of the project.

Business Opportunities

Consulting Services	Consultancy services to support subproject implementation will include two person months of international consultant, and 30 person months of national consultancy services. ADB will engage the consultants on an individual basis in accordance with its Guidelines on the Use of Consultants by ADB and its Borrowers, 2010, as amended from time to time and other arrangements satisfactory to ADB for engaging individual consultants.
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Responsible ADB Officer	Khan, Prabhjot R.
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Responsible ADB Department	South Asia Department
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Responsible ADB Division	Energy Division, SARD
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Executing Agencies	<i>Energy Department Vallabh Bhawan, Bhopal (M.P.) 462 004 India</i>
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Timetable

Concept Clearance	-
Fact Finding	-
MRM	-
Approval	08 Mar 2012
Last Review Mission	-
Last PDS Update	18 Sep 2015

TA 8056-IND

Milestones

Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
08 Mar 2012	25 Apr 2012	25 Apr 2012	31 Mar 2014	31 Dec 2015	31 Mar 2016

Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart		Project Sponsor	Others	Total	Date	Amount
		Gov	Beneficiaries					
0.00	600,000.00	0.00	0.00	0.00	0.00	600,000.00	17 Jun 2022	287,418.43

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