



India: National Grid Improvement Project (formerly Powergrid)

Project Name	National Grid Improvement Project (formerly Powergrid)		
Project Number	44917-014		
Borrower/Company	POWER GRID CORPORATION OF INDIA LIMITED		
Country	India		
Location			
Approval Number	7338/2788		
Type of ADB Assistance / Amount	7338/2788	Loan	USD 250.00 million Approved
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth		
Drivers of Change	Governance and capacity development Private sector development		
Sector / Subsector	Energy - Electricity transmission and distribution		
Gender Equity and Mainstreaming			
Responsible ADB Department	South Asia Department		
Responsible ADB Division	India Resident Mission		
Responsible ADB Officer	Karbar, Vallabha R.		
Project Sponsor(s)			
Description	POWERGRID's immediate investment plans focus on the transmission projects required to deliver electricity from 55 new IPP power generation plants to primary load centers. Known collectively as the high capacity power transmission corridors program, these projects include nine major transmission schemes approved by the Central Electricity Regulatory Commission (CERC) with an estimated total cost of more than \$12.9 billion. The project proposed for ADB financing is the biggest of these transmission schemes and involves 14 IPPs and a public power trading company in Chhattisgarh. It will strengthen interregional transmission between the western and the northern regional grids and supply additional bulk power to the north from generation of IPPs in Chhattisgarh, which will generate over 15,000 MW in total. The project will create a high voltage direct current (HVDC) transmission system using smart grid technology to support stable, efficient, flexible, and economical long-distance power transfer among its interconnected systems. HVDC is a least-cost and low-carbon investment option.		
Objectives and Scope			
Linkage to Country/Regional Strategy	The project is consistent with ADB's Strategy 2020 and the 2009-2012 India country partnership strategy. The country partnership strategy includes continuous support for interstate and interregional transmission networks as part of the national level sector development strategy. It also directs ADB to leverage the financing capacity of CPSUs through its nonsovereign lending modality to help them meet substantial borrowing requirements under the government's five-year plans.		

Safeguard Categories

Environment	B
Involuntary Resettlement	B
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects
Involuntary Resettlement
Indigenous Peoples
Stakeholder Communication, Participation, and Consultation

Timetable for assistance design, processing and implementation

Concept Clearance	28 Mar 2011
Due Diligence	13 May 2011
Credit Committee Meeting	27 Jun 2011 to 27 Jun 2011
Approval	30 Sep 2011
PDS Creation Date	31 Aug 2011
Last PDS Update	20 Mar 2017

Project Page	https://www.adb.org/projects/44917-014/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=44917-014
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