



# India: Assam Power Sector Investment Program

Project Name	Assam Power Sector Investment Program								
Project Number	47101-001								
Country / Economy	India								
Project Status	Active								
Project Type / Modality of Assistance	Loan								
Source of Funding / Amount	<table border="1"><tr><td colspan="2">MFF Facility Concept: Assam Second Power Sector Investment Program</td></tr><tr><td>Japan Fund for Prosperous and Resilient Asia and the Pacific</td><td>US\$ 2.00 million</td></tr><tr><td colspan="2">MFF Facility Concept 0083-IND: Assam Second Power Sector Investment Program</td></tr><tr><td>Ordinary capital resources</td><td>US\$ 300.00 million</td></tr></table>	MFF Facility Concept: Assam Second Power Sector Investment Program		Japan Fund for Prosperous and Resilient Asia and the Pacific	US\$ 2.00 million	MFF Facility Concept 0083-IND: Assam Second Power Sector Investment Program		Ordinary capital resources	US\$ 300.00 million
MFF Facility Concept: Assam Second Power Sector Investment Program									
Japan Fund for Prosperous and Resilient Asia and the Pacific	US\$ 2.00 million								
MFF Facility Concept 0083-IND: Assam Second Power Sector Investment Program									
Ordinary capital resources	US\$ 300.00 million								
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth								
Drivers of Change	Governance and capacity development								
Sector / Subsector	Energy /								
Gender	No gender elements								
Description	ADB and the Government of India are working together to help India's northeastern Assam state continue its drive to eliminate power sector inefficiencies that are hurting its consumers, its world-famous tea industry, and its environment. The Assam Power Sector Investment Program is upgrading power generation and distribution systems, including the construction of a 120-megawatt hydropower plant. It is also financing new energy efficient power generation equipment at existing plants; new distribution lines and substations; and financial management training and other support for staff of state power companies, Assam Power Generation Corporation and Assam Power Distribution Company. The project is bolstering the finances of the state power companies by helping them decrease their purchases of expensive electricity from independent power producers. In addition, the program is supporting the construction of the Lower Kopili run-of-the-river hydropower plant in central Assam that will help the state avoid over 530,000 tons per annum of carbon dioxide emissions that would otherwise be produced by fossil fuel-driven generation. By cutting power outages in the state, the program is benefiting over 2.7 million consumers. It is also promoting economic growth and creating employment opportunities by helping to supply reliable power to the state. This is helping Assam attract investment and more fully tap its economic potential while reducing poverty.								
Project Rationale and Linkage to Country/Regional Strategy	In India's state of Assam, demand for electricity has grown far faster than supply. High transmission and distribution losses have exacerbated the situation. More than a third of households in Assam have traditionally faced daily electricity outages of 5 to 6 hours. Power shortages, low voltage power, and scheduled power outages have often undermined Assam's industrial competitiveness and agricultural potential. Many important industries, such as the state's famous tea gardens, have not been connected to the power grid and during peak periods the state has to buy power from independent producers at high cost. The broader economic implications of the poorly performing power sector include curtailed competitiveness and productivity, fewer job opportunities, reduced investment, and inefficient use of resources. Supply deficits force consumers to use more expensive, less-efficient, and more polluting energy sources, such as smaller diesel generators.								
Impact	increased availability of electricity in Assam.								
<b>Project Outcome</b>									
Description of Outcome	increased capacity and efficiency of energy generation and distribution systems in Assam.								
Progress Toward Outcome	All project management activities under Tranche 1 and 2 are progressing satisfactorily.								
<b>Implementation Progress</b>									
Description of Project Outputs	Generation system upgraded and expanded Distribution system upgraded and expanded Institutional capacity of APGC & APDC strengthened Project management system in place.								
Status of Implementation Progress (Outputs, Activities, and Issues)	Contracts awarded for generation and distribution. Lakwa 70MW power plant was commissioned in April 2018. Lower Kopili Hydro Power Plant - Tranche 3 - was approved in Dec 2020. Output is expected to be achieved in 2024. Distribution lines and sub-station 90% completed. Training activities done. Project to be implemented on time.								
Geographical Location									
<b>Summary of Environmental and Social Aspects</b>									
Environmental Aspects	B								
Involuntary Resettlement	C								
Indigenous Peoples	C								
<b>Stakeholder Communication, Participation, and Consultation</b>									
During Project Design	Stakeholders consultation and participation are being carried out and will continue during the project processing and design.								
During Project Implementation	Stakeholders consultation and participation will be arranged during the project implementation.								
<b>Business Opportunities</b>									

Consulting Services	ADB will engage the following consultants (National and / or International) individually or through firm(s) or consortium of firms - the Project Specialist/Team Leader (International), Economic and Financial Analysis (International), Environmental Assessment and Management (International), Social Safeguard Specialist (International), Social Safeguard Specialist (National), Procurement Specialist (National), Community Development Specialist (National), Hydropower Construction Planning Expert (National), Climate Change Scientist (International), Generation Assets & Inventory Management Specialist (International), and Environmental Assessment and Management (National). The recruitment of consultants will be made in accordance with its Guidelines on the Use of Consultants by ADB and its Borrowers (2010, as amended from time to time). Consultants will be funded under TA-8351 subproject under the IND-CTA 0003: Advanced Project Preparedness for Poverty Reduction.
Procurement	Goods, equipment, and civil works to be financed under the Investment Program will be procured in accordance with ADB Procurement Guidelines (2010, as amended from time to time). International Competitive Bidding will be used for civil works and turnkey contracts. National Competitive Bidding will be used for contracts for goods and equipment estimated to cost less than \$1 million. Advanced contracting and/or retroactive financing will be needed. Consultants will be engaged to help with project management. The Tranche 1 will have one major turnkey contract for gas plant replacement.

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

Timetable	
Concept Clearance	30 May 2013
Fact Finding	03 Sep 2013 to 12 Sep 2013
MRM	18 Feb 2014
Approval	03 Jul 2014
Last Review Mission	-
Last PDS Update	16 Dec 2020

## MFF Facility Concept 0083-IND

	Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	430.00		Cumulative Contract Awards			
ADB	300.00	-	0.00	0.00		%
Counterpart	130.00		Cumulative Disbursements			
Cofinancing	0.00	-	0.00	0.00		%

Project Page	<a href="https://www.adb.org/projects/47101-001/main">https://www.adb.org/projects/47101-001/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=47101-001">http://www.adb.org/forms/request-information-form?subject=47101-001</a>
Date Generated	30 November 2023

ADB provides the information contained in this project data sheet (PDS) solely as a resource for its users without any form of assurance. Whilst ADB tries to provide high quality content, the information are provided "as is" without warranty of any kind, either express or implied, including without limitation warranties of merchantability, fitness for a particular purpose, and non-infringement. ADB specifically does not make any warranties or representations as to the accuracy or completeness of any such information.