



India: Assam Power Sector Investment Program - Tranche 1

Project Name	Assam Power Sector Investment Program - Tranche 1				
Project Number	47101-002				
Country	India				
Project Status	Active				
Project Type / Modality of Assistance	Loan				
Source of Funding / Amount	<table border="1"> <tr> <td colspan="2">Loan 3140-IND: Assam Power Sector Investment Program - Tranche 1</td> </tr> <tr> <td>Ordinary capital resources</td> <td>US\$ 50.00 million</td> </tr> </table>	Loan 3140-IND: Assam Power Sector Investment Program - Tranche 1		Ordinary capital resources	US\$ 50.00 million
Loan 3140-IND: Assam Power Sector Investment Program - Tranche 1					
Ordinary capital resources	US\$ 50.00 million				
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth				
Drivers of Change	Governance and capacity development				
Sector / Subsector	Energy - Conventional energy generation				
Gender Equity and Mainstreaming	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 capacity and efficiency of energy generation systems in Assam.				

Project Outcome

Description of Outcome	increased capacity and efficiency in Lakwa power plant.
Progress Toward Outcome	Project implementation is ongoing and outcome is expected to be achieved by 2018
Implementation Progress	
Description of Project Outputs	Generation system upgraded and expanded Institutional capacity of APGC & APDC strengthened.

Status of Implementation Progress (Outputs, Activities, and Issues)	The project's procurement plan includes: (i) one procurement package for retrofitting the power generation plant at Lakwa Thermal Power Station; and (ii) eight consulting services contracts for strengthening institutional capacity of power utilities. Contract to execute works for retrofitting power generation plant has been awarded and contractor has commenced the works. Out of eight consulting services contracts, five have been awarded and assignments have commenced. The remaining consulting services contracts are expected to be awarded in 2017.
---	--

Geographical Location

Safeguard Categories

Environment	B
Involuntary Resettlement	C
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	B
Involuntary Resettlement	C
Indigenous Peoples	C

Stakeholder Communication, Participation, and Consultation

During Project Design	Stakeholders consultations were carried out during the project preparation.
During Project Implementation	Stakeholders consultation and participation is being practiced during the project implementation.

Business Opportunities

Consulting Services	There are five (5) consultancy firm packages for: (i) Accounting, Audit, Budget & Cost Accounting and Materials Management Manuals Preparation; (ii) Capacity Building and Human Resource Development for Power Sector Utilities; (iii) Project Preparation, Tender Development and Award Management Process for Lower Kopili Hydropower Project; (iv) Project Management and Construction Supervision for Lakwa Power Plant; and (v) Enterprise Resource Planning Implementation and Infrastructure Development for Assam Power Generation Company. Three individual consultants are being recruited for Enterprise Resource Planning and Environmental and Social Safeguards for Lower Kopili Hydropower Project and Lakwa Power Plant Project.
Procurement	Goods, equipment, and civil works to be financed under the Investment Program will be procured in accordance with ADB Procurement Guidelines (2015, as amended from time to time). International Competitive Bidding will be used for civil works and turnkey contracts. Advance contracting was approved on 26 August 2013. Consultants will be engaged to help with project management. Tranche 1 will have one major turnkey contract for gas fired power plant.

Responsible Staff

Responsible ADB Officer	Yusupov, Aziz A.
Responsible ADB Department	South Asia Department
Responsible ADB Division	Energy Division, SARD
Executing Agencies	<i>Assam Power Generation Corporation Ltd. PMU_ASEB@REDIFFMAIL.COM Assam State Electricity Board , 4th Floor Bijuleen Bhawan Paltan Bazar, Guwahati-781001</i>

Timetable

Concept Clearance	-
Fact Finding	-
MRM	18 Feb 2014
Approval	11 Jul 2014
Last Review Mission	-
Last PDS Update	09 Mar 2017

Loan 3140-IND

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
11 Jul 2014	20 Feb 2015	12 May 2015	30 Jun 2019	-	-

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	62.00	Cumulative Contract Awards			
ADB	50.00	11 Jul 2014	38.13	0.00	76%
Counterpart	12.00	Cumulative Disbursements			
Cofinancing	0.00	11 Jul 2014	26.09	0.00	52%

Project Page <https://www.adb.org/projects/47101-002/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=47101-002>

Date Generated 06 July 2017

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.