

## India : Assam Intra State Transmission System Enhancement

### 1. Project Information

Project ID:	P000302	Instrument ID:	L0302A
Member:	India	Region:	Southern Asia
Sector:	Energy	Sub-sector:	Electricity transmission and distribution
Instrument type:	<input checked="" type="checkbox"/> Loan:304.00 USD million <input type="checkbox"/> Guarantee	Co-financier(s):	
ES category:	B	Borrower:	Republic of India
Implementing Entity:	Assam Electricity Grid Corporation Limited		
Project Team Leader:	Pratyush Mishra		
Project Team Members:	Aditi Khosla, Project Counsel; Véronique Allarousse, Alternate Counsel; Yogesh Malla, OSD - Financial Management Specialist; Georgi Georgiev Dzhartov, OSD - Social Development Specialist; Pedro Ferraz, OSD - Environment Specialist; Jurminla Jurminla, OSD - Procurement Specialist;		
Completed Site Visits by AIIB:	Feb, 2021 The last mission by AIIB was in February 2020, just before the pandemic hit India.		
Planned Site Visits by AIIB:	Site visits by AIIB will be subject to the prevailing pandemic situation and based on the project management requirements.		
Current Red Flags Assigned:	0		
Current Monitoring Regime:	Regular Monitoring		
Previous Red Flags Assigned:	0		
Previous Red Flags Assigned Date:	2021 Q2		

### 2. Project Summary and Objectives

The project objective is to improve the reliability, capacity and security of the power transmission network in the state of Assam.

The project aims to strengthen Assam's electricity transmission system by (a) constructing 10 transmission substations and laying transmission lines with the associated infrastructure; (b) upgrading 15 existing substations, transmission lines and existing ground wire to optical power ground wire; and (c) providing technical assistance to support project implementation.

The project is expected to benefit about 3.1 million electricity consumers by reducing load shedding and enable many households and businesses to improve their economic, commercial, educational and entertainment opportunities.

### 3. Key Dates

Approval:	Jan. 28, 2021	Signing:	Feb. 23, 2021
Effective:	May. 19, 2021	Restructured (if any):	
Orig. Closing:	Apr. 30, 2026	Rev. Closing (if any):	

### 4. Disbursement Summary (USD million)

Contract Awarded:		Cancellation (if any):	0.00
Disbursed:	0.76	Most recent disbursement (amount/date):	0.76/May. 19, 2021
Undisbursed:	303.24	Disbursement Ratio (%) <sup>1</sup> :	0.00

#### 5. Project Implementation Update

There are 17 procurement packages (works – 13; services – 1; and non-consulting services – 3) with the total estimate of INR 21730 million (US\$ 304 million approximately), out of which contracts for 10 packages (works – 9; services – 1) amounting to INR 13560 million (US\$189.73 million approximately) were successfully concluded and contractors are on board. This indicates 59% (approximately) of procurement has been completed which constitutes 62% of the loan amount. The procurement process of remaining packages are in at various stages and it is expected to be completed by December 2022. No major issues related to procurement

Preparation of site-specific E&S documents of 7 sub-stations has been submitted to AIIB and are under review. E&S documents for the balance 3 sub-stations will be prepared and submitted once the current batch of documents is cleared.

Components	Physical Progress	Environmental & Social Compliance	Procurement	Financial Management
Component 1: Constructing 10 transmission substations and laying transmission lines with the associated infrastructure	Construction yet to commence. Mobilization of contractor commenced at 1 sub-station location	7 ESIA's have been prepared and submitted to AIIB for review. Preparation of balance to commence after clearance of the submitted ESIA's	Contracts for 5 sub-stations have been signed. Contracts for another 3 sub-stations will be signed in Q1 2022. Tenders documents for the balance 2 sub-stations are under preparation.	This project was declared effective on May 19, 2021. So far there has been no disbursement and there are no interim unaudited financial reports or audited reports outstanding.
Component 2: Upgrading 15 existing substations, transmission lines and existing ground wire to optical power ground wire	Construction yet to commence for substations and optical power ground wire. 90% of supply and 62% of erection work has been completed for the augmentation of transmission lines	E&S audit checklist has been submitted	Contracts are signed and effective.	
Component 3: Providing technical assistance to support project	N/A	N/A	Project Management Consultant is on	

<sup>1</sup> Disbursement Ratio is defined as the volume (e.g. the dollar amount) of total disbursed amount as a percentage of the net committed volume.

implementation			board.  Enterprise Resource Planning Software tender technical evaluation has been completed financial evaluation is in progress.	
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## 6. Status of the Grievance Redress Mechanism (GRM)

A 2 tier GRM shall be set up for the project.

Constitution of the first tier (district level) is in progress has been completed at many locations, constitution at the balance locations are in very advanced stages of approval. The second tier of the GRM has already been constituted at AEGCL head quarters.

## 7. Results Monitoring

Result monitoring to commence in 2023

### Project Objective Indicators #1

Primary energy consumption saved (GWh)

Year	Target	Actual	Comments, if any
Dec. 31, 2023	0.1	N/A	
Dec. 31, 2024	0.3	N/A	
Dec. 31, 2025	0.56	N/A	

### Project Objective Indicators #2

Additional capacity added to the transmission system (MVA)

Year	Target	Actual	Comments, if any
Dec. 31, 2023	1,118	N/A	
Dec. 31, 2024	3,118	N/A	
Dec. 31, 2025	5,470	N/A	

### Project Objective Indicators #3

Greenhouse gas emissions reduction (tCO<sub>2</sub>)

Year	Target	Actual	Comments, if any
Dec. 31, 2023	80	N/A	
Dec. 31, 2024	240	N/A	

Dec. 31, 2025	450	N/A	
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**Intermediate Result Indicators #1**

Length of transmission lines constructed (km)

Year	Target	Actual	Comments, if any
Dec. 31, 2023	187	N/A	
Dec. 31, 2024	261	N/A	
Dec. 31, 2025	333	N/A	

**Intermediate Result Indicators #2**

Length of transmission lines upgraded to high tension, low sag (km)

Year	Target	Actual	Comments, if any
Dec. 31, 2023	62	N/A	
Dec. 31, 2024	138	N/A	
Dec. 31, 2025	186	N/A	

**Intermediate Result Indicators #3**

New substations constructed (No.)

Year	Target	Actual	Comments, if any
Dec. 31, 2023	5	N/A	
Dec. 31, 2024	7	N/A	
Dec. 31, 2025	10	N/A	

**Intermediate Result Indicators #4**

Substations upgraded (No.)

Year	Target	Actual	Comments, if any
Dec. 31, 2023	5	N/A	
Dec. 31, 2024	10	N/A	
Dec. 31, 2025	15	N/A	

**Intermediate Result Indicators #5**

Length of optical power ground wire line constructed (km)

Year	Target	Actual	Comments, if any
Dec. 31, 2023	77	N/A	
Dec. 31, 2024	477	N/A	
Dec. 31, 2025	636	N/A	

**Remarks:**

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