



## North Eastern Region Power System Improvement Project (P127974)

SOUTH ASIA | India | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 7 | ARCHIVED on 31-Jul-2019 | ISR38107 |

Implementing Agencies: Department of Economic Affairs, Ministry of Finance, Government of India, POWERGRID Corporation Limited

### Key Dates

#### Key Project Dates

Bank Approval Date: 24-Jun-2016

Effectiveness Date: 20-Feb-2017

Planned Mid Term Review Date: 09-Nov-2020

Actual Mid-Term Review Date: --

Original Closing Date: 31-Mar-2023

Revised Closing Date: 31-Mar-2023

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed project development objective (PDO) is to increase the delivery of electricity at the boundaries of the power distribution network in the participating states in the North Eastern Region.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

### Components

Name

Component A: Priority investments for Strengthening Intrastate Transmission, Sub-transmission And Distribution Systems:(Cost \$937.60 M)

Component B: Technical Assistance for Capacity Building and Institutional Strengthening (CBIS) of Power Utilities and Departments of Participating States:(Cost \$13.40 M)

Front end fees:(Cost \$1.20 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory
Overall Risk Rating	● Substantial	● Substantial

### Implementation Status and Key Decisions

All 55 packages have been awarded (while one package has been annulled). 52 elements have been commissioned till end of June 2019 - This includes 4 new 33/11 kV substation; 2 new 33 kV line; augmentation of 2 EHV and 21 DMS substations; bay extension in 4 EHV and 16 DMS substation; 1 LILO and OPGW live line stringing in 2 lines



## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	● Moderate	● Moderate	● Moderate
Macroeconomic	● Moderate	● Moderate	● Moderate
Sector Strategies and Policies	● Substantial	● Substantial	● Substantial
Technical Design of Project or Program	● Low	● Low	● Low



Institutional Capacity for Implementation and Sustainability	● Moderate	● Moderate	● Moderate
Fiduciary	● Moderate	● Moderate	● Moderate
Environment and Social	● Substantial	● Substantial	● Substantial
Stakeholders	● Substantial	● Substantial	● Substantial
Other	--	--	--
Overall	● Substantial	● Substantial	● Substantial

## Results

### PDO Indicators by Objectives / Outcomes

To increase the delivery of electricity at the boundaries of the power distribution network				
▶ Amount of electricity delivered at the boundaries of the power distribution network in each state (Gigawatt-hour (GWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	12,372.00	14,975.00	14,975.00	18,370.00
Date	31-Mar-2015	31-Mar-2018	31-Mar-2018	31-Mar-2023
▶ Increase in transformation capacity of the power transmission and distribution network in each state (Kilovolt-Amphere(KVA), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	20,000.00	388,350.00	5,672,000.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023

### Intermediate Results Indicators by Components

Component A: Priority investments for Strengthening Intrastate Transmission, Sub-transmission And Distribution Systems				
▶ Transmission lines constructed or rehabilitated under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,114.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
▲ Transmission lines rehabilitated under the project (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	207.00



Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
<b>▲Transmission lines constructed under the project (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,907.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
<b>▶Distribution lines constructed or rehabilitated under the project (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	13.89	2,031.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
<b>▲Distribution lines constructed under the project (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	13.89	1,640.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
<b>▲Distribution lines rehabilitated under the project (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	391.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
<b>▶Number of distribution substations constructed/ upgraded (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	45.00	85.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
Comments:	Some of the sub-stations have been partially upgraded			
<b>▶Number of transmission substations constructed/ upgraded (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	6.00	33.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
Comments:	Some of the substations have been partially upgraded			
<b>▶Percentage of females among the number of persons participating in the safeguard consultation meetings (Percentage, Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	25.35	23.51	25.00
Date	01-Jun-2014	30-Sep-2018	30-Jun-2019	31-Mar-2023
Comments:	769 females out of total 3271 persons participated till June 2019			
<b>►Grievances received that are addressed within two months of receipt (percentage) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	90.00
Date	01-Apr-2016	31-Oct-2018	30-Jun-2019	31-Mar-2023
Comments:	One written grievance received in June 2018 in Tripura state and the same has been resolved.			

**Component B: Technical Assistance for Capacity Building and Institutional Strengthening (CBIS) of Power Utilities and Departments of Participating States**

**►Number of practice/ process manuals updated or developed (procurement, O&M, financial management, human resource, and so on) (Number, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	6.00
Date	01-Apr-2016	30-Sep-2018	30-Jun-2019	31-Mar-2023
Comments:	Two new process manual developed in Manipur State Power Distribution Company Ltd (MSPDCL) - (i) Online HT connection application system developed along with process reengineering. The web-based system enables the consumer to apply and monitor the status of his application and has made the entire process transparent and efficient; and (ii) Online Bill Tracking System developed and implemented. This has made the bill payment process transparent and is facilitating removing pendency in bill payments. In addition, draft of following manuals have been shared (and the same are currently under review of respective utilities): (i) Standard Cost Estimate to AEGCL, TSECL; (ii) Sub-Station maintenance manual to MePTCL, AEGCL, TSECL; (iii) Transmission Line maintenance manual to MePTCL, AEGCL, TSECL; (iv) Protection manual to MePTCL, TSECL; (v) Schedule of Rates to AEGCL, TSECL; (vi) Standard Operating Procedure guidelines for 220 kV to AEGCL, TSECL; (vii) Standard Operating Procedure guidelines for 132 kV to AEGCL, TSECL; (viii) Standard Bidding Documents to MePTCL, AEGCL, TSECL; (ix) Service Rules to TSECL; (x) Works and Procurement Policy and Procedures (WPPP) along with Delegation of Power to MePTCL, AEGCL, TSECL			
<b>►Person-days of utility staff participating in trainings across areas like technical, operational, commercial, financial, HR, environment, social, procurement, change management, and so on (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,287.00	4,066.00	1,650.00
Date	01-Apr-2016	30-Sep-2018	30-Jun-2019	31-Mar-2023
Comments:	The state-wise break up is: Assam - 521 person days; Manipur - 518 person days; Meghalaya - 894 person days; Mizoram - 490 person days; Nagaland - 765 person days and Tripura - 878 person days. The training covers aspects like Information Technology; Financial Management and Accounting; Policy, Commercial and Regulatory aspects; Operations and Technical training; Quality management; Project feasibility study and DPR preparation trainings; Contract management; Environment and social management aspects; Safety aspects; and Change management.			



## Data on Financial Performance

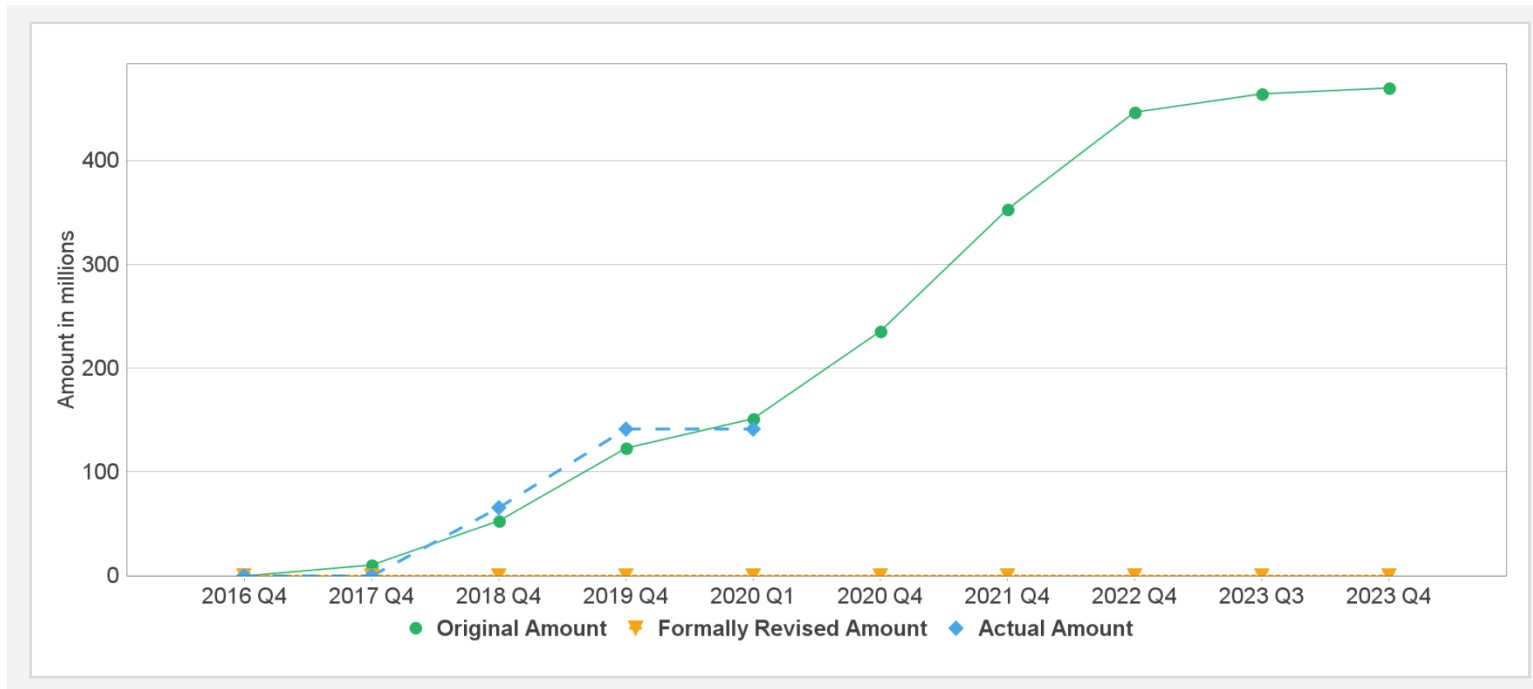
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P127974	IBRD-86310	Effective	USD	470.00	470.00	0.00	142.36	327.64	30%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P127974	IBRD-86310	Effective	24-Jun-2016	28-Nov-2016	20-Feb-2017	31-Mar-2023	31-Mar-2023

## Cumulative Disbursements



## Restructuring History

There has been no restructuring to date.

## Related Project(s)



There are no related projects.

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