



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

SOUTH ASIA | India | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 15 | ARCHIVED on 24-Jul-2023 | ISR56768 |

Implementing Agencies: 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: 18-Jan-2021

Original Closing Date: 31-Mar-2023

Revised Closing Date: 31-Mar-2024

### 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 Table

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	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

### Implementation Status and Key Decisions

Total of 466 elements [424 main elements and 42 Optical Ground Wire (OPGW) elements] have been completed so far and of which 159 main elements have been taken over by concerned state utilities and departments. The main elements commissioned and completed include augmentation of 30 EHV substations and 102 distribution substations, 77 new distribution substations, 30 new EHV substations, 42 new EHV lines, 143 new DMS lines. Physical work is in progress at balance elements.



**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	☐ Moderate	☐ Moderate
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	--	☐ Moderate	☐ Moderate
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	16,920.00	17,781.00	18,370.00
Date	31-Mar-2015	31-Mar-2022	31-Mar-2023	31-Mar-2024
Comments:	As per Load Generation Balance Report (LGBR) of CEA for 2023-24 and . Data for March is as per LGBR for 2022-23. Actual figure for first 11 months in 16,419 GWh			
▶ Increase in transformation capacity of the power transmission and distribution network in each state (Kilovolt-Ampere(KVA), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,079,150.00	5,388,550.00	5,672,000.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024



Intermediate Results Indicators by Components

Component A: Priority investments for Strengthening Intrastate Transmission, Sub-transmission And Distribution Systems				
<b>▶ Transmission lines constructed or rehabilitated under the project (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	661.29	683.78	1,197.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
Comments:	Based on survey, scope for transmission line construction and rehabilitation has been reduced and accordingly the intermediate and target value have been revised.			
<b>□ Transmission lines rehabilitated under the project (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	77.00	77.00	168.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
<b>□ Transmission lines constructed under the project (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	584.29	606.78	1,029.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
<b>▶ Distribution lines constructed or rehabilitated under the project (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,087.93	1,129.73	1,393.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
Comments:	Based on survey, scope for distribution line construction and rehabilitation has been reduced and accordingly the intermediate and target value have been revised. Rehabilitation (reconductoring) of old lines dropped (except for a small portion in Meghalaya).			
<b>□ Distribution lines constructed under the project (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,087.93	1,129.73	1,393.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
<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	0.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
<b>► Number of distribution substations constructed/ upgraded (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	173.00	180.00	187.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
Comments:	Of these 180, 77 are new S/S and 103 are upgraded S/S. Of the 103 upgraded S/S, 102 are fully completed/ commissioned.			
<b>► Number of transmission substations constructed/ upgraded (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	53.00	60.00	65.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
Comments:	Of these 60, 30 are new S/S and 30 are upgraded S/S. Of the 30 upgraded S/S, 29 are fully completed/ commissioned.			
<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	23.48	23.65	25.00
Date	01-Jun-2014	30-Sep-2022	30-Jun-2023	31-Mar-2024
Comments:	23.65% as 1118 females out of total 4728 persons participated in all safeguard consultations till June 2023			
<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	94.60	94.74	90.00
Date	01-Apr-2016	30-Sep-2022	30-Jun-2023	31-Mar-2024
Comments:	At present, 2 grievances out of 38 written/ verbal received are at present pending for more than 2 months.			

**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	10.00	10.00	6.00
Date	01-Apr-2016	30-Nov-2022	30-Jun-2023	31-Mar-2024
Comments:	2 system applications developed/ implemented (in Manipur); 8 policies finalized and adopted (in Tripura). In addition, 2 more system applications developed (and are under testing) in Assam; 104 draft documents related to policy and procedures prepared and shared with state utilities/ departments of six participating states and a Reform/ corporatization study is underway in Nagaland.			
▶ 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)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8,296.00	9,811.00	1,650.00
Date	01-Apr-2016	30-Sep-2022	30-Jun-2023	31-Mar-2024
Comments:	7315 person days (offline) plus 18725 person hours (online) has been conducted. [The figure for online training has been converted to person days assuming 7.5 hours training per day] Female participation in offline programs (till previous quarter and not including latest quarter) is 6.1% (388 out of 6385 Person-days) and in online programs is 24.2% (4524 out of 18725 person hours) 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.			

### Performance-Based Conditions

#### Data on Financial Performance

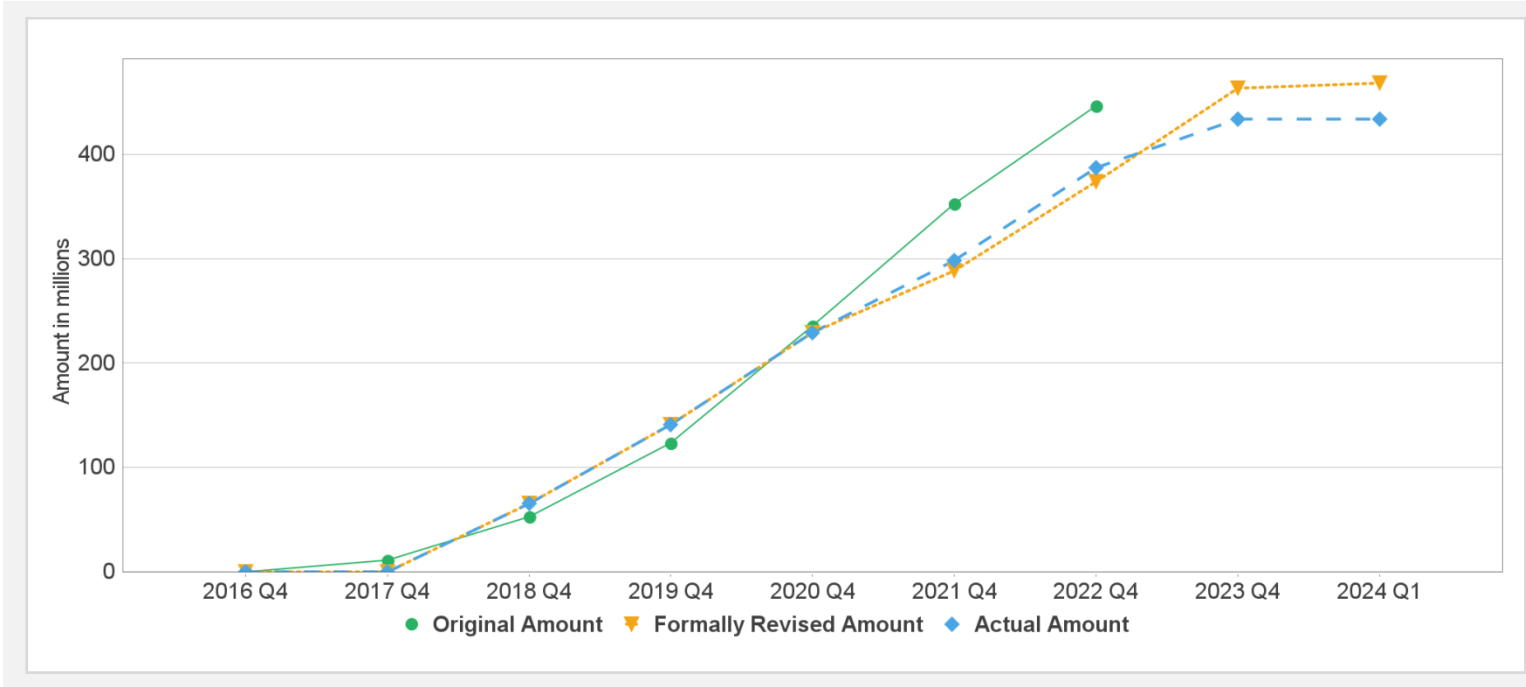
#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P127974	IBRD-86310	Effective	USD	470.00	470.00	0.00	435.15	34.85	93%

#### 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-2024

#### Cumulative Disbursements



### Restructuring History

Level 2 Approved on 09-Feb-2023

### Related Project(s)

There are no related projects.