



## Enhancement and Strengthening of Power Transmission Network in Eastern Region (P159974)

SOUTH ASIA | Bangladesh | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2018 | Seq No: 9 | ARCHIVED on 20-Jun-2022 | ISR52026 |

Implementing Agencies: People's Republic of Bangladesh, Power Grid Company of Bangladesh Limited (PGCB)

**Key Dates****Key Project Dates**

Bank Approval Date: 29-Mar-2018

Effectiveness Date: 04-Jul-2018

Planned Mid Term Review Date: 15-Dec-2020

Actual Mid-Term Review Date: 14-Dec-2020

Original Closing Date: 31-Dec-2022

Revised Closing Date: 31-Dec-2023

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The proposed project aims to increase the transmission capacity and reliability of the electricity network in the eastern region and strengthen the institutional capacity of the Power Grid Company of Bangladesh Limited (PGCB).

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

No

**Components Table**

Name

Enhancement and Strengthening of Power Network:(Cost \$636.60 M)  
Institutional Development and Implementation Support:(Cost \$30.82 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"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

**Implementation Status and Key Decisions**

- Overall implementation progress of the project is satisfactory. All the six works contracts under component 1 are signed. The Bank team undertook field trip to several sites during the mission that concluded just recently to see the actual physical progress and was happy to note the work momentum.
- The reconductoring of one of the existing transmission lines (P3) has been completed and the line has been charged. For the new transmission line packages, 72% of the piling and foundation works for new towers have been completed, out of which 20 towers have already been erected. After some delay, the land development (LD) works for the substation packages have advanced well with LD works for 5 substation locations already completed. Foundation works for transformer and boundary wall in these locations are ongoing. Most of these contracts are delayed but expected to be completed by the current credit closing date. However, works under package 4 will likely require some extension of the closing date. We will assess the need further during the next supervision mission planned in November 2022.



3. As of June 15, 2022, the disbursements from the project in this FY is about US\$50 million. The cumulative disbursement from the project is about US\$ 85 million, which is about 24% of the total IDA credit. The disbursements in FY23 are expected to be higher and will be reviewed with the PIU in July/August 2022.

**Risks**

**Systematic Operations Risk-rating Tool**

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	☐ Substantial	☐ Substantial	☐ Substantial
Macroeconomic	☐ Moderate	☐ Moderate	☐ Moderate
Sector Strategies and Policies	☐ Moderate	☐ Moderate	☐ Moderate
Technical Design of Project or Program	☐ Low	☐ Low	☐ Low
Institutional Capacity for Implementation and Sustainability	☐ Moderate	☐ Moderate	☐ Moderate
Fiduciary	☐ High	☐ High	☐ High
Environment and Social	☐ Moderate	☐ Moderate	☐ Moderate
Stakeholders	☐ Moderate	☐ Moderate	☐ Moderate
Other	--	☐ Moderate	☐ Moderate
Overall	☐ Substantial	☐ Substantial	☐ Substantial

**Results**

**PDO Indicators by Objectives / Outcomes**

Increase the transmission capacity and reliability of the electricity network in the eastern region				
▶ Increase in transformation capacity in the project area (Kilovolt-Amphere(KVA), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2,775,000.00	2,775,000.00	2,775,000.00	11,815,000.00
Date	30-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2023
▶ Improvement in maintenance and financial management practices (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes



Date	25-Sep-2017	30-Nov-2021	31-May-2022	30-Dec-2022
<b>► Average interruption frequency per year in the project area (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	110.00	110.00	110.00	40.00
Date	30-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2023
<b>► People provided with new or improved electricity service (Number, Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30,258,000.00	30,258,000.00	30,258,000.00	32,833,000.00
Date	30-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2023
Comments:	This indicator can only be achieved once the transmission lines and the substations under this project are energized, commercially operated and the power is transmitted to the end customers through the distribution utilities. Although the project is in the 3rd year of implementation, the last one and a half year was Covid-19 year and there was significant delay in getting the contractors to sign the contract and get them to start the works at project site. There are visible progress in the implementation works now and we will plan to initiate the satisfaction survey.			

**Intermediate Results Indicators by Components**

<b>Enhancement and Strengthening of Power Network</b>				
<b>► Transmission lines constructed under the project (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	290.00
Date	30-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2023
<b>► Transmission lines rehabilitated under the project (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	116.00	116.00
Date	30-Sep-2017	30-Nov-2021	31-May-2022	30-Dec-2022
Comments:	Target was revised as the rehabilitation of transmission line for the route Shikolbaha-Potiya-Dohajari (38 route km) was completed by PGCB's own fund and LILO at Korerhat (3 route km) will be constructed under package 1. The total route length under package 3 is 116km instead of 157km as mentioned in the Financing Agreement.			



► Substations constructed under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	13.00
Date	30-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2023
► Substations rehabilitated under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	30-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2022
Institutional Development and Implementation Support				
► Corporate maintenance strategy developed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	25-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2022
► Fixed asset registry in place (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	25-Sep-2017	30-Nov-2021	31-May-2022	30-Dec-2022
► Live line maintenance implemented (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	25-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2023
► Improved customer (or beneficiary) satisfaction with new or improved electricity service (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	25-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2023



Comments: This indicator can only be achieved once the transmission lines and the substations under this project are energized, commercially operated and the power is transmitted to the end customers through the distribution utilities. Although the project is in the 3rd year of implementation, the last one and a half year was Covid-19 year and there was significant delay in getting the contractors to sign the contract and get them to start the works at project site. There are visible progress in the implementation works now and we plan to initiate the satisfaction survey soon.

► Percentage of female staff trained from total staff trained (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.24	6.24	30.00
Date	25-Sep-2017	30-Nov-2021	31-May-2022	30-Jun-2023

Performance-Based Conditions

Data on Financial Performance

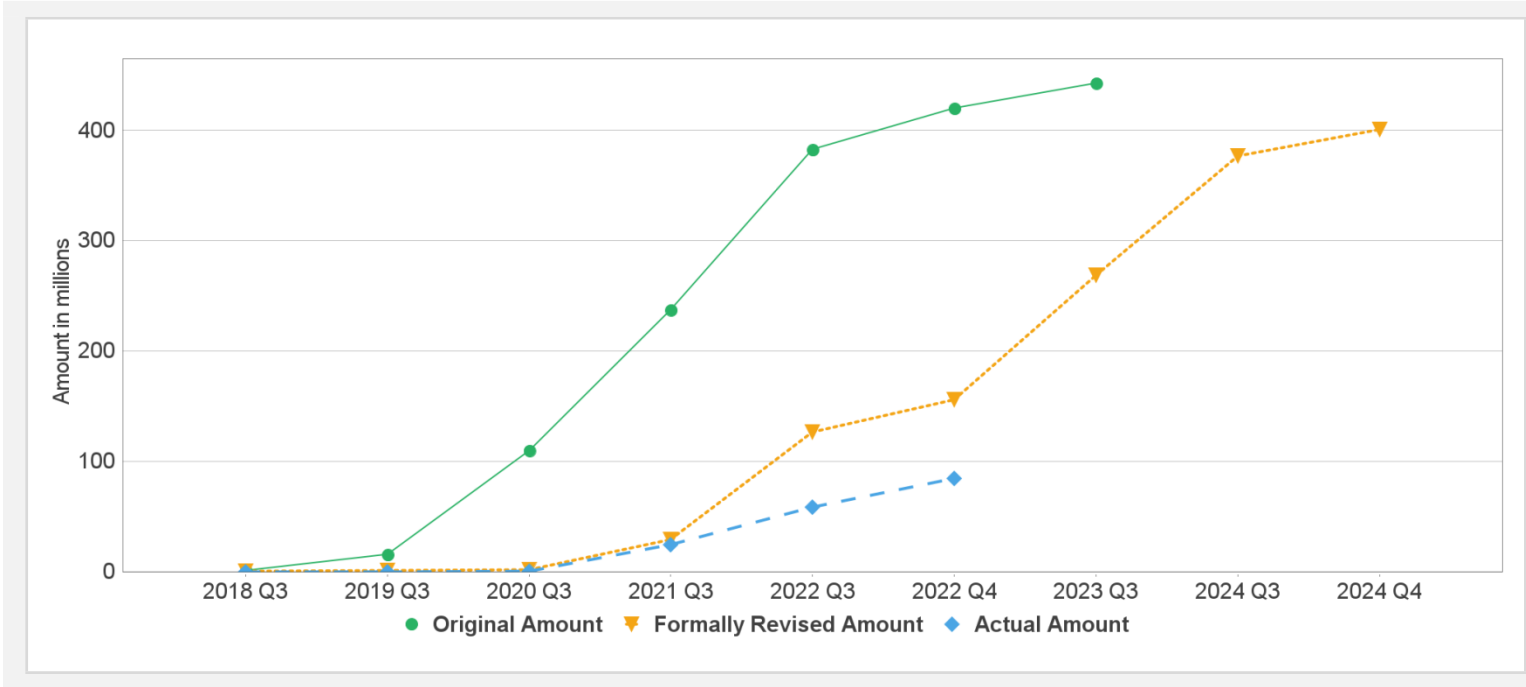
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P159974	IDA-61770	Effective	USD	450.64	400.64	50.00	85.43	270.96	24%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P159974	IDA-61770	Effective	29-Mar-2018	10-Apr-2018	04-Jul-2018	31-Dec-2022	31-Dec-2023

Cumulative Disbursements



### Restructuring History

Level 2 Approved on 24-Mar-2021

### Related Project(s)

There are no related projects.