

SBF Project Implementation Monitoring Report

Bangladesh: Dhaka and Western Zone Transmission Grid Expansion Project

1. Project Information

Project ID:	000272	Investment Number:	L0272A
Member:	Bangladesh	Region:	Southern asia
Sector:	Energy	Sub-sector:	Electricity transmission and distribution
AIB Financing Type:	Loan: 200 USD million	Co-financier(s):	ADB
E&S category:	B	Borrower:	Government of Bangladesh
Red Flags Assigned:	0	Monitoring Regime:	Regular Monitoring
Implementing Agency:	Power Grid Company of Bangladesh		
Project Team Leader:	Raqib Ahmed Chowdhury		
Project Team Members:	Haiyan Wang, Senior Finance Officer, CTL Zhaojing Mu, Environmental Specialist, OSD Irish Fe Aguilar, Social Development Specialist, OSD Yunlong Liu, Senior Procurement Specialist, OSD Shonell Robinson, Financial Management Specialist, OSD Liu Yang, Counsel - Investment Operations, OGC Youyang Liu, Project Assistant, TEC1		
Completed Site Visits by AIB:	Apr, 2019		
Planned Site Visits by AIB:	In 2021		

2. Project Summary and Objectives

The objective of the Project is to enhance the reliability and efficiency of power transmission in Dhaka and Western Zone of Bangladesh and strengthen the institutional capacity of PGCB.

3. Key Dates

Approval:	Jan. 17, 2020	Signing:	Jun. 30, 2020
Effective:	Sep. 28, 2020	Restructured (if any):	
Orig. Closing:	Dec. 31, 2024	Rev. Closing (if any):	

4. Disbursement Summary (USD million)

a) Committed:	200	b) Cancellation (if any):	
c) Disbursed:	0.5	d) Most recent disbursement: (amount / date)	0.5, Sep. 28, 2020
e) Undisbursed:	199.5	f) Disbursement Ratio(%) ¹ :	0.25

¹ Disbursement Ratio is defined as the volume (i.e. the dollar amount) of total disbursed amount as a percentage of the net committed volume, i.e., $f = c / (a - b)$

5. Project Implementation Update

Project has become effective on September 28, 2020.

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component 1: Construction of substations with a total capacity of 4,450 MVA and transmission lines of 40 km in Greater Dhaka (USD 67.64 million)	0%	NA (as loan has become effective on September 28, 2020)	ADB (as lead lender) is reviewing the draft pre-bid documents under this component

Component 2: Construction of substations with a total capacity of 2,990 MVA and transmission lines of 368 km and 20 bay extensions in Western Zone (USD 123.12 million)	0%	NA (as loan has become effective on September 28, 2020)	Draft pre-bid documents yet to be submitted by PIE
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Financial Management:

None

6. Status of the Grievance Redress Mechanism (GRM)

GRM establishment is under process at PIE

7. Results Monitoring

Project Objective Indicators:

1. Power outages reduced
2. Transmission loss reduced
3. Annual Carbon dioxide emissions reduced (average)

Intermediate Results Indicators:

1. Transmission lines constructed (400kV, 230kV, 132kV)
2. Line-bay extensions completed
3. Transmission capacity added

Baseline Year: Dec. 31, 2018 End Target Year: Dec. 31, 2025

Project Objective Indicators	Year	Target	Actual	Others, if any
1. Power outages reduced (Unit: No.)	Dec. 31, 2018	-	60 (Baseline)	
Power outages reduced (Unit: No.)	Dec. 31, 2020	-	-	
Power outages reduced (Unit: No.)	Dec. 31, 2021	-	-	
Power outages reduced (Unit: No.)	Dec. 31, 2022	-	-	
Power outages reduced (Unit: No.)	Dec. 31, 2023	-	-	
Power outages reduced (Unit: No.)	Dec. 31, 2024	20	-	
Power outages reduced (Unit: No.)	Dec. 31, 2025	15	-	
2. Transmission loss reduced (Unit: %)	Dec. 31, 2018	-	2.76 (Baseline)	
Transmission loss reduced (Unit: %)	Dec. 31, 2020	-	-	
Transmission loss reduced (Unit: %)	Dec. 31, 2021	-	-	
Transmission loss reduced (Unit: %)	Dec. 31, 2022	-	-	
Transmission loss reduced (Unit: %)	Dec. 31, 2023	-	-	
Transmission loss reduced (Unit: %)	Dec. 31, 2024	2.60	-	
Transmission loss reduced (Unit: %)	Dec. 31, 2025	2.50	-	
3. Annual Carbon dioxide emissions reduced (average) (Unit: 1000 tons)	Dec. 31, 2018	-	0 (Baseline)	
Annual Carbon dioxide emissions reduced (average) (Unit: 1000 tons)	Dec. 31, 2020	-	-	
Annual Carbon dioxide emissions reduced (average) (Unit: 1000 tons)	Dec. 31, 2021	-	-	
Annual Carbon dioxide emissions reduced (average) (Unit: 1000 tons)	Dec. 31, 2022	-	-	
Annual Carbon dioxide emissions reduced (average) (Unit: 1000 tons)	Dec. 31, 2023	-	-	
Annual Carbon dioxide emissions reduced (average) (Unit: 1000 tons)	Dec. 31, 2024	-	-	
Annual Carbon dioxide emissions reduced (average) (Unit: 1000 tons)	Dec. 31, 2025	455.78	-	

(average) (Unit: 1000 tons)				
Intermediate Result Indicators	Year	Target	Actual	Others, if any
1. Transmission lines constructed (400kV, 230kV, 132kV) (Unit: km)	Dec. 31, 2018	-	0 (Baseline)	
Transmission lines constructed (400kV, 230kV, 132kV) (Unit: km)	Dec. 31, 2020	0	-	
Transmission lines constructed (400kV, 230kV, 132kV) (Unit: km)	Dec. 31, 2021	0	-	
Transmission lines constructed (400kV, 230kV, 132kV) (Unit: km)	Dec. 31, 2022	50	-	
Transmission lines constructed (400kV, 230kV, 132kV) (Unit: km)	Dec. 31, 2023	200	-	
Transmission lines constructed (400kV, 230kV, 132kV) (Unit: km)	Dec. 31, 2024	408	-	
Transmission lines constructed (400kV, 230kV, 132kV) (Unit: km)	Dec. 31, 2025	408	-	
2. Line-bay extensions completed (Unit: No.)	Dec. 31, 2018	-	0 (Baseline)	
Line-bay extensions completed (Unit: No.)	Dec. 31, 2020	0	-	
Line-bay extensions completed (Unit: No.)	Dec. 31, 2021	0	-	
Line-bay extensions completed (Unit: No.)	Dec. 31, 2022	0	-	
Line-bay extensions completed (Unit: No.)	Dec. 31, 2023	10	-	
Line-bay extensions completed (Unit: No.)	Dec. 31, 2024	20	-	
Line-bay extensions completed (Unit: No.)	Dec. 31, 2025	20	-	
3. Transmission Capacity added (Unit: MVA)	Dec. 31, 2018	-	0 (Baseline)	
Transmission Capacity added (Unit: MVA)	Dec. 31, 2020	0	-	
Transmission Capacity added (Unit: MVA)	Dec. 31, 2021	0	-	
Transmission Capacity added (Unit: MVA)	Dec. 31, 2022	0	-	
Transmission Capacity added (Unit: MVA)	Dec. 31, 2023	0	-	
Transmission Capacity added (Unit: MVA)	Dec. 31, 2024	7440	-	
Transmission Capacity added (Unit: MVA)	Dec. 31, 2025	7440	-	

Remarks: