



Bangladesh Ghorashal Unit 4 Repowering Project (P128012)

SOUTH ASIA | Bangladesh | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 4 | ARCHIVED on 01-Dec-2017 | ISR30202 |

Implementing Agencies: Government of Bangladesh, Bangladesh Power Development Board

Key Dates

Key Project Dates

Bank Approval Date:21-Dec-2015

Effectiveness Date:15-May-2016

Planned Mid Term Review Date:05-Dec-2018

Actual Mid-Term Review Date:--

Original Closing Date:31-Mar-2022

Revised Closing Date:31-Mar-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed development objective of the Project is to increase generation capacity and efficiency of the targeted power plant;

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

No

Components

Name

Component 1: Re-powering of the Target Unit:(Cost \$255.00 M)

Component 2: Technical Assistance for Institutional Strengthening Support:(Cost \$8.00 M)

Overall Ratings

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

Implementation Status and Key Decisions



The progress of the implementation of EPC (Engineering, Procurement and Construction) contract for the repowering of the existing steam turbine is lagging behind by 6% from the scheduled plan. This lagging is primarily due to the delay in the construction activities. There have been delays by Bangladesh Power Development Board (BPDB), the implementing agency in making critical decisions that are affecting project schedule. With much delay, BPDB had recently removed the live overhead gas pipeline for units 5 & 6 from the project site. The decision on the sizing of the gas line to the Regulatory Metering Station (RMS) is yet to be finalized by BPDB. There are also delays by the Owner's Engineer in reviewing and clearing the design drawings. These delays have already affected the contractor's work and project milestones.

Two priority activities for the contractor are: a) For the protection of the environment, the oil separator system along with the effluent treatment plant needs to be constructed and made operational at the earliest; and b) Fire-fighting system needs to be made operational without any further delay. These have been discussed with BPDB and they are advised to follow up closely with the EPC contractor.

Safeguard compliance at the project site has improved. Initially, there were some delays in submitting the environmental monitoring reports as well as several observations of lack of proper housekeeping at the site. However, after the Owner's Engineer had come aboard, the conditions regarding safeguard compliance have significantly improved. Quarterly progress reports are being prepared which also log the safeguard activities being carried out at site. A health and safety policy plan has been prepared, a contract has been made with the nearby hospital to provide ambulance and medical services during emergency and fire drill is being organized at regular intervals.

With about 160 plus Chinese workers working at the Ghorashal site, it was agreed that an Influx Management Plan (IMP) for the project would be prepared and implemented by the EPC contractor. A field visit by the social team was carried out, interviews taken with the communities, the contractor and other relevant stakeholders. The implementation of the IMP would be monitored by the supervision consultants, BPDB and the Bank.

A grievance redress committee has also been formed as per recommendations of the ESIA report and regular meetings being conducted. Two complain boxes have been set up - one at the Project office and the other at the construction site of the project. The boxes are clearly marked in Bengali and English languages. The committee will also arrange a Register Book in order to document the complains received, if any.

Risks

Systematic Operations Risk-rating Tool

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



Stakeholders	● Low	● Low	● Low
Other	--	--	--
Overall	● Substantial	● Moderate	● Moderate

Results

Project Development Objective Indicators

► Generation Capacity of Conventional Generation constructed under the project (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	170.00	--	170.00	400.00
Date	30-Jun-2015	--	10-Apr-2017	31-Dec-2021

► Projected lifetime fuel savings (Mega Joules (MJ), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	303,000,000,000.00
Date	30-Jun-2015	--	10-Apr-2017	31-Oct-2019

► Efficiency of the unit measured by gas consumption per GWh output (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30.00	30.00	30.00	53.00
Date	30-Jun-2015	10-Apr-2017	10-Apr-2017	31-Dec-2021

Overall Comments

Intermediate Results Indicators



► Commissioning of Gas Turbine completed (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not Commissioned	Not Commissioned	Not Commissioned	GT Commissioned
Date	30-Jun-2015	10-Apr-2017	10-Apr-2017	30-Dec-2017

► Overhauling of existing Steam Turbine Generator completed (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not completed	Not completed	Not completed	Completed
Date	30-Jun-2015	10-Apr-2017	10-Apr-2017	30-Jun-2018

► Strategic Business Unit (SBU) fully functional (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Partially functional: Bank account opened; financial power delegated; KPIs signed	Not yet fully functional	Not yet fully functional	SBU Functional
Date	30-Jun-2015	--	06-Nov-2017	30-Nov-2017

► Environment and Social Management Unit operational at Ghorashal (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not operational	Not yet operational	Environment Specialist hired	Operational
Date	30-Jun-2015	--	06-Dec-2017	31-Dec-2016




► GHG Emissions (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	673.00	673.00	673.00	374.00
Date	30-Jun-2015	10-Apr-2017	10-Apr-2017	31-Dec-2021

Overall Comments

Data on Financial Performance

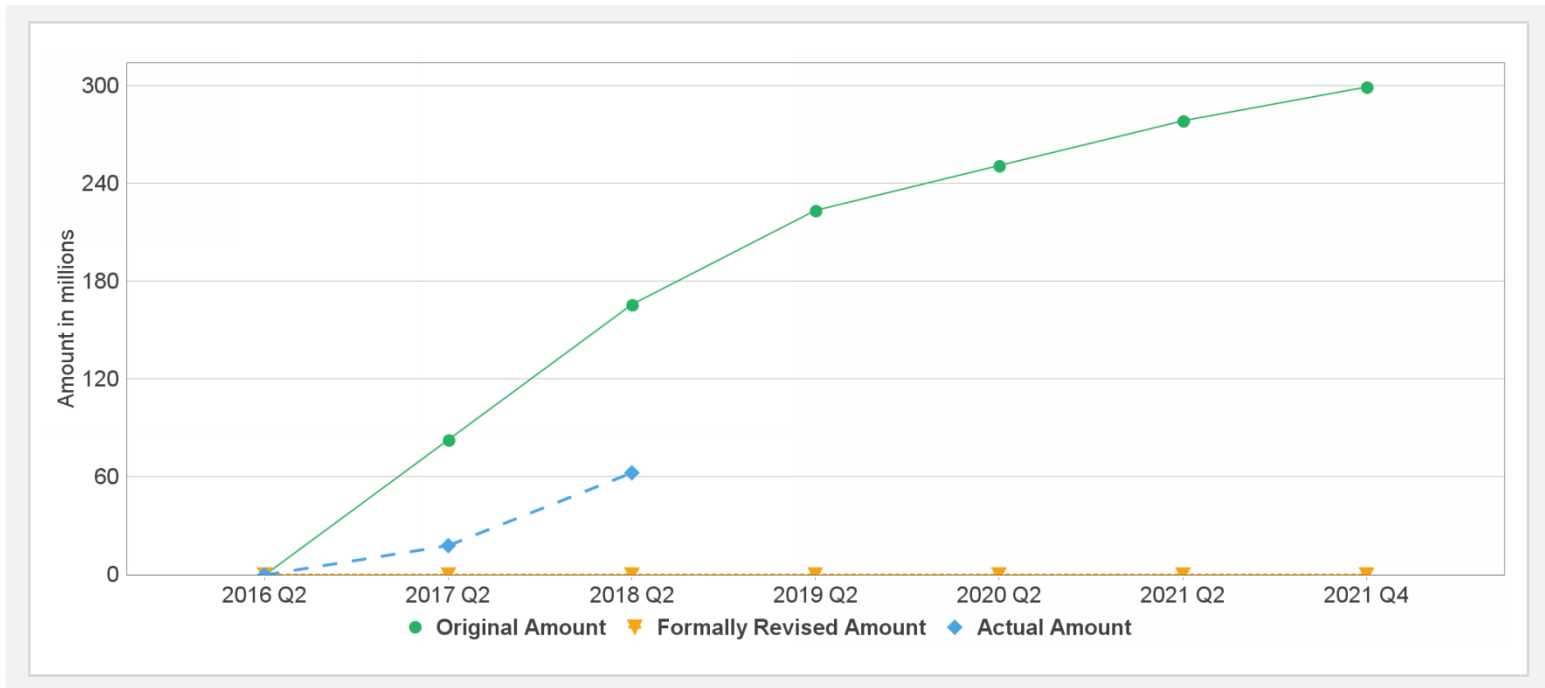
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P128012	IDA-57580	Effective	USD	217.00	217.00	0.00	62.61	154.98	 29%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P128012	IDA-57580	Effective	21-Dec-2015	07-Apr-2016	15-May-2016	31-Mar-2022	31-Mar-2022

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.