



Bangladesh Ghorashal Unit 4 Repowering Project (P128012)

SOUTH ASIA | Bangladesh | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 2 | ARCHIVED on 19-Oct-2016 | ISR23374 |

Implementing Agencies: 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)
PHPDO

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)	● Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Moderate

Implementation Status and Key Decisions

The overall implementation of the project is going moderately well with the key EPC (Engineering, Procurement and Construction) contract signed on



June 06, 2016. However, there has been delays in effecting the contract. Although the advance payment (10%) has been made to the contractor and LC has been opened, the site is not yet ready for the hand-over to the contractor. There has been delays in hiring the Owner's Engineer as well. The project's evacuation need is reliant on the completion of PGCB's network strengthening work (IDB funded) that includes 230KV GIS at Ghorashal and the transmission line from Ghorashal to Tongi. Due to the delay by PGCB to proceed on time with the implementation of their project, it will have an adverse knock on effect on the timely commissioning of the simple cycle operation of Unit 4 at Ghorashal.

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	● Substantial	● Moderate
Fiduciary	● High	● High	● Substantial
Environment and Social	● Moderate	● Moderate	● Moderate
Stakeholders	● Low	● Low	● Low
Other	--	--	--
Overall	● Substantial	● Substantial	● Moderate

Results

Project Development Objective Indicators

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	170.00	--	170.00	400.00



Date	30-Jun-2015	--	01-Apr-2016	31-Dec-2021
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► Projected lifetime fuel savings (Mega Joules (MJ), Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	303000000000.00
Date	30-Jun-2015	--	01-Apr-2016	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	53.00
Date	30-Jun-2015	--	01-Apr-2016	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	01-Apr-2016	01-Apr-2016	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	01-Apr-2016	01-Apr-2016	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	--	01-Apr-2016	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	Not yet operational	Operational
Date	30-Jun-2015	--	01-Apr-2016	31-Dec-2016

► GHG Emissions (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	673.00	--	673.00	374.00
Date	30-Jun-2015	--	01-Apr-2016	31-Dec-2021

Overall Comments

Data on Financial Performance



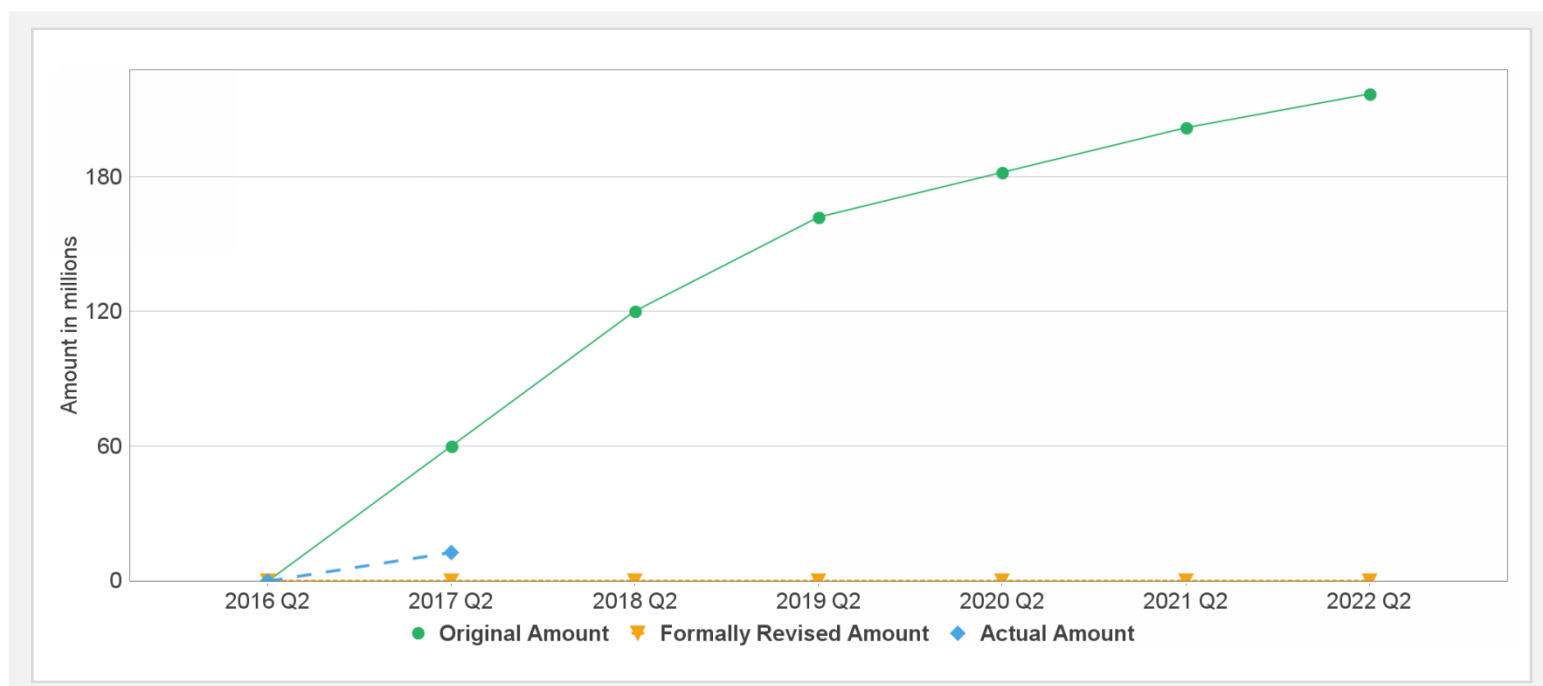
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P128012	IDA-57580	Effective	XDR	155.40	155.40	0.00	12.61	142.79	8%

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.

