



Electric Power Project (P143988)

EAST ASIA AND PACIFIC | Myanmar | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 5 | ARCHIVED on 06-Jan-2016 | ISR21425 |

Implementing Agencies: Ministry of Electric Power, Myanmar Electric Power Enterprise

Key Dates

Key Project Dates

Bank Approval Date:24-Sep-2013

Effectiveness Date:14-Jan-2014

Planned Mid Term Review Date:31-Mar-2016

Actual Mid-Term Review Date:17-Mar-2014

Original Closing Date:30-Apr-2018

Revised Closing Date:30-Apr-2018

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To increase the capacity and efficiency of gas-fired power generation in Myanmar and strengthen the institutional capacity of the Ministry of Electric Power and the Myanmar Electric Power Enterprise.

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

No

Components

Name

1. Combined Cycle Gas Turbine (CCGT) Power Plant:(Cost \$130.00 M)

2. Technical Assistance and Advisory Services:(Cost \$10.00 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	● Substantial	● Substantial

Implementation Status and Key Decisions



The Project implementation made significant progress regarding procurement of the Thaton Combined Cycle Gas Turbine (CCGT) power plant and key technical assistance (TA) activities. Specifically, MEPE awarded the Thaton CCGT contract to CEEC and completed contract negotiations in November 2015. Also, the second draft Financial Viability Action Plan has been prepared by MEPE and its consultants in December 2015. However, the overall implementation progress remains moderately satisfactory due to accumulated delays of about six to nine months and risks of further delays unless the Thaton contract is signed by January 2016. Also, implementation of several TA activities will require close attention from MOEP and MEPE management, particularly the selection of "Owner's Engineer" for the Thaton CCGT power plant and selection of consulting firm for the technical assistance in implementing the Thaton Environmental and Social Management Plan.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Moderate	● Moderate
Macroeconomic	--	● Low	● Low
Sector Strategies and Policies	--	● Substantial	● Substantial
Technical Design of Project or Program	--	● Moderate	● Moderate



Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Substantial
Fiduciary	--	● Substantial	● Substantial
Environment and Social	--	● Substantial	● Substantial
Stakeholders	--	● Moderate	● Moderate
Other	--	--	--
Overall	--	● Substantial	● Substantial

Results

Project Development Objective Indicators

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	106.00
Date	01-Nov-2013	01-Jun-2015	22-Oct-2015	31-Oct-2017

► Increase in electricity generation (Gigawatt-hour (GWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	260.00	260.00	260.00	770.00
Date	01-Nov-2013	01-Jun-2015	22-Oct-2015	31-Oct-2017

► Increase of thermal efficiency of energy conversion (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.00	20.00	20.00	48.00
Date	01-Nov-2013	01-Jun-2015	22-Oct-2015	31-Oct-2017

► MOEP/MEPE staff involved in training and capacity building activities (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	10.00	37.00	100.00
Date	01-Nov-2013	01-Jun-2015	04-Nov-2015	31-Oct-2017

Comments

Under the TA on financial viability, a training on financial analysis and modeling was held in November 2015 with 27 participants from MOEP and electricity enterprises. As part of the TA on gas economic costing, a training on options for Liquefied Natural Gas was held in October 2015 with more than 30 participants from the government.

► National Electrification Plan (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No plan	The Government is preparing to operationalize the National Electrification Plan, including through the World Bank-supported National Electrification Project under appraisal.	The Government is preparing to operationalize the National Electrification Plan, including through the World Bank-supported National Electrification Project, the financing agreement for which was signed in October 2015.	NEP under implementation
Date	01-Nov-2013	01-Jun-2015	22-Oct-2015	31-Oct-2017

Overall Comments

Intermediate Results Indicators

► Construction Progress (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	01-Nov-2013	01-Jun-2015	22-Oct-2015	31-Oct-2017



► Actual cost vs cost estimates (overruns if >100%) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	01-Nov-2013	01-Jun-2015	22-Oct-2015	31-Oct-2017

► Reduction of CO2 emissions per output generated (gCO2eq/kWh) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	400.00
Date	01-Nov-2013	01-Jun-2015	22-Oct-2015	31-Oct-2017

Overall Comments

Data on Financial Performance

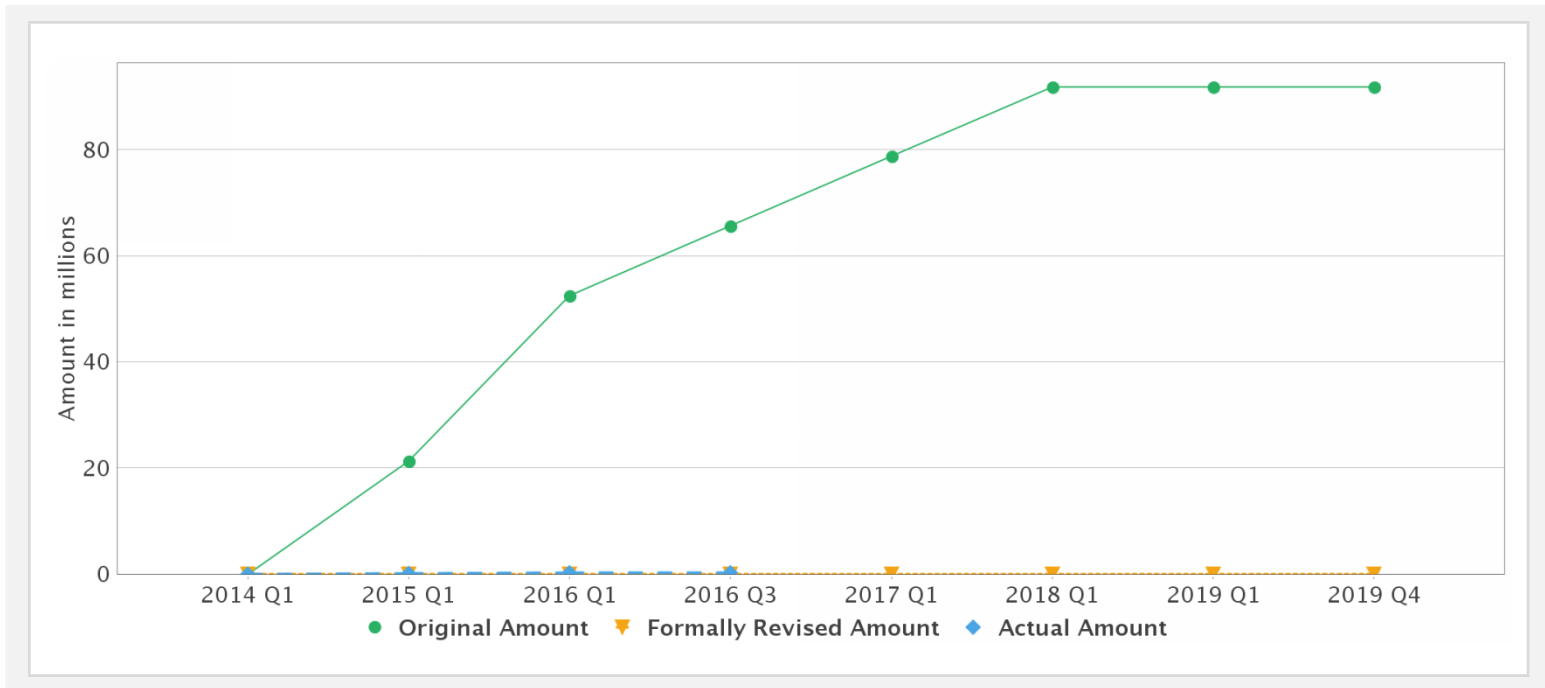
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P143988	IDA-53060	Effective	XDR	92.60	92.60	0.00	0.29	92.31	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P143988	IDA-53060	Effective	24-Sep-2013	12-Oct-2013	14-Jan-2014	30-Apr-2018	30-Apr-2018

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.