



## Electric Power Project (P143988)

EAST ASIA AND PACIFIC | Myanmar | Energy and Mining Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 3 | ARCHIVED on 30-Dec-2014 | ISR17163 |

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

### Key Dates

#### Key Project Dates

Board 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)	● Satisfactory	● Moderately Satisfactory
Overall Risk Rating	--	● Substantial

### Implementation Status and Key Decisions



The project is making good progress, though with delays of a few months in some components due to low procurement capacity in MEPE. MEPE has pre-qualified five firms to bid for the contract to supply and install the Thaton Combined Cycle Gas Turbine (CCGT) power plant and issued Bidding Documents on November 5, 2014. The World Bank is also helping strengthen institutional capacity in MEPE through several technical assistance activities. Of these, three have been completed (preparation of the national electrification plan, selection of an international procurement advisor, and a soil test and geo-technical investigation of the Thaton site), and the remaining seven are in various stages of preparation. The final National Electrification Plan (NEP), and the Investment Prospectus, were presented at a fourth workshop in Nay Pyi Taw, on September 15, 2014 and received strong support from the Government. A National Electrification Executive Committee was established under the patronage of the Vice President. Further information is available at [https://energypedia.info/wiki/Achieving\\_Universal\\_Access\\_to\\_Electricity\\_in\\_Myanmar](https://energypedia.info/wiki/Achieving_Universal_Access_to_Electricity_in_Myanmar). The next full supervision mission will be in January 2015.

## Risks

### Systematic Operations Risk-rating Tool

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



Overall -- -- ● 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	06-Jun-2014	23-Dec-2014	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	06-Jun-2014	23-Dec-2014	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	14-Nov-2013	23-Dec-2014	31-Oct-2017

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	5.00	100.00
Date	01-Nov-2013	14-Nov-2013	23-Dec-2014	31-Oct-2017



► National Electrification Plan (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No plan	Draft NEP and Investment Prospectus ready for the final workshop in July 2014	NEP and Investment Prospectus presented at the final workshop on September 15, 2014	NEP under implementation
Date	01-Nov-2013	10-Jul-2014	15-Sep-2014	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	06-Jun-2014	23-Dec-2014	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	14-Nov-2013	23-Dec-2014	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	14-Nov-2013	23-Dec-2014	31-Oct-2017

Overall Comments

**Data on Financial Performance**

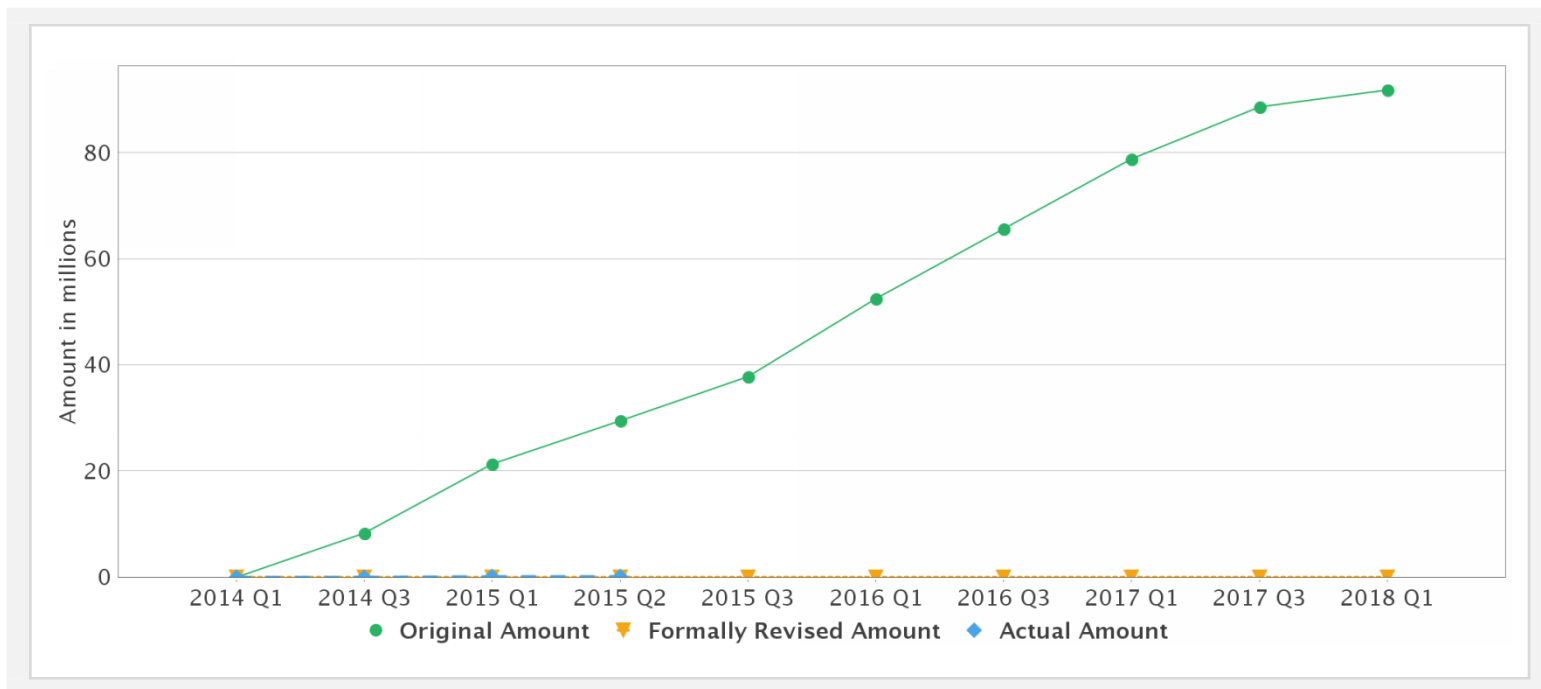
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P143988	IDA-53060	Effective	XDR	92.60	92.60	0.00	0.13	92.47	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.



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### Related Project(s)

There are no related projects.

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