



National Electrification Project (P152936)

EAST ASIA AND PACIFIC | Myanmar | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 1 | ARCHIVED on 13-Jan-2016 | ISR21834 |

Implementing Agencies: Ministry of Electric Power, Ministry of Livestock, Fisheries and Rural Development

Key Dates

Key Project Dates

Bank Approval Date:16-Sep-2015

Effectiveness Date:09-Dec-2015

Planned Mid Term Review Date:30-Apr-2018

Actual Mid-Term Review Date:--

Original Closing Date:30-Sep-2021

Revised Closing Date:30-Sep-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)
The project development objective is to help increase access to electricity in Myanmar.

Has the Project Development Objective been changed since Board Approval of the Project Objective?
No

Components

Name

Grid extension:(Cost \$375.00 M)

Off-grid electrification:(Cost \$172.00 M)

Technical assistance:(Cost \$20.00 M)

Contingent emergency response

Overall Ratings

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



Implementation Status and Key Decisions

The project financing agreement was signed in November 2015 and effectiveness was declared in December 2015. The two Project Management Offices (PMOs) in the Ministry of Electric Power (MOEP) and Department for Rural Development (DRD) are functional. The procurement plans for grid and off-grid components have been updated and published online.

The implementing agencies, and World Bank team, jointly organized the first Project implementation workshop in Naypyitaw, October 21-22, 2015. Approximately 150 participants included MOEP and DRD staff from the union and local offices, chief energy ministers from all states/regions, and development partners. In addition, MOEP and DRD held a series of procurement outreach and technical consultation workshops between October-December 2015 to familiarize private sector with World Bank Procurement Guidelines and expected technical requirements applicable to the Project. Agenda and presentations are available online at https://energypedia.info/wiki/Achieving_Universal_Access_to_Electricity_in_Myanmar.



Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

► People provided with access to electricity by household connections (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	6210000.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▲ Ppl pvd wth elec. by hhold conn.–Offgrid/minigrd–Any source except only renewable (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	--	0.00	177500.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▲ People provided with access to electricity by hhold connections-Grid (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3750000.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▲ Ppl provided wth elec. by hhold conn.–Offgrid/minigrid–Only renewable sources (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	2282500.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▲ Female Beneficiaries (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3216000.00

▶ Community electricity connections constructed under the project (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	23000.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021



Comments

This indicator is the sum of grid and off-grid community electricity connections as below. Community connections are electricity services provided to health clinics, schools, community centers, or other establishments that serve a larger pool of people than a household.

▲ Community electricity connections constructed –Grid (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	11600.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▲ Community elec. connections constructed–Offgrid/minigrid–Only renewable sources (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	11400.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▶ Public lighting - grid (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	132000.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▶ Public lighting - off-grid (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	19000.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021



Overall Comments

The project effectiveness was declared in December 2015 and there is no result at the time of this ISR.

Intermediate Results Indicators

► Distribution lines constructed or rehabilitated under the project (Kilometers, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	20700.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▲ Distribution lines constructed under the project (Kilometers, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	20700.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

▲ Distribution lines rehabilitated under the project (Kilometers, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	0.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

► Transformers installed (Kilovolt-Amphere(KVA), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	772000.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021



► Households connected to grid electricity (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	750000.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

Comments

This indicator is the summ

► Greenhouse gas reductions (grid) kt CO2e (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	305.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

► Households served with solar (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	456500.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

Comments

This may include solar photovoltaic home systems, kits or devices.

► Households connected to mini-grid (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	35500.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021



► Greenhouse gas reductions (solar home systems) -- ktCO₂e (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	190.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

► National Electrification Executive Secretariat adequately staffed. (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	16-Sep-2015	--	04-Nov-2015	29-Dec-2017

► People trained - grid (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	260.00	16500.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

Comments

Relevant government staff (at all levels including Union, Region/State, Township through to villages), village committee members as well as private sector individuals who receive at least one training pertaining to the Project.

MOEP and World Bank co-organized a procurement outreach workshop in NPT on October 27, 2015 in NPT to familiarize local companies with Bank procurement guidelines and promote participation of local companies in upcoming ICB tenders. Approximately 260 participants, including 180 from local companies and 80 from various government agencies, attended the workshop.

► People trained- Off-grid (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3900.00
Date	16-Sep-2015	--	04-Nov-2015	31-Dec-2021

Comments

Relevant government staff (at all levels including Union, Region/State, Township through to villages), village committee members as well as



private sector individuals who receive at least one training pertaining to the Project. DRD held a technical specifications workshop on December 4, 2015. The number of participants is still to be reported and counted under this indicator.

► Villages or wards where at least one public consultation is held: grid (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	5300.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

► Villages where at least one public consultation is held: off-grid (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3800.00
Date	16-Sep-2015	--	04-Nov-2015	31-Mar-2021

Comments

Consultations are to be held in all Project villages or wards.

Overall Comments

Greenhouse gas reductions, as a higher-level outcome indicator, are inferred from the number of households connected. Based on analysis at appraisal, the greenhouse gas emissions reductions, measured in metric tons carbon dioxide equivalent per household per year, is estimated to be 0.5 for each grid connection, 0.4 for each solar home system, and 0.6 for each mini-grid connection. The lifetime of infrastructure built under the Project is assumed to be 30 years for distribution networks, 10 years for solar home systems and 15 years for mini-grid.

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
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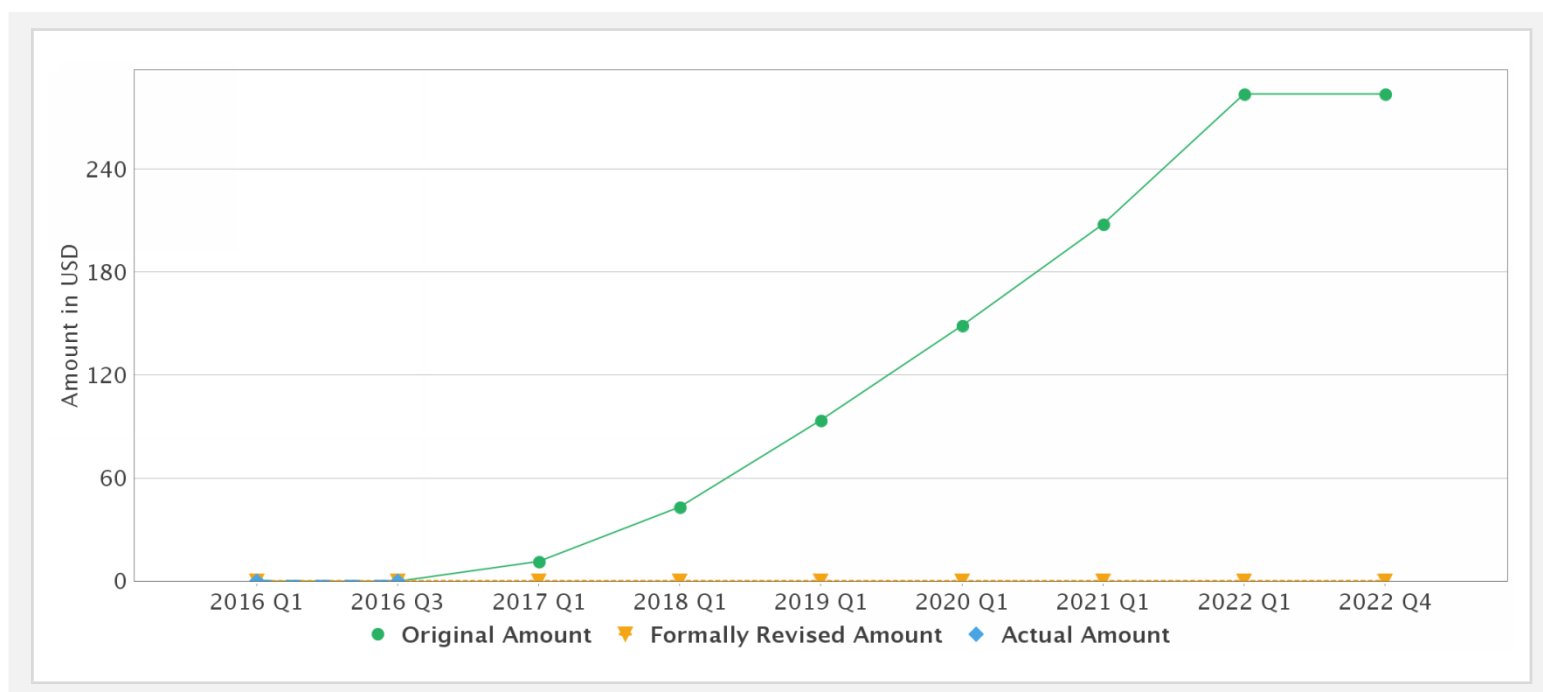


P152936	IDA-57270	Effective	XDR	286.90	286.90	0.00	0.00	286.90	0%
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Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P152936	IDA-57270	Effective	16-Sep-2015	03-Nov-2015	09-Dec-2015	30-Sep-2021	30-Sep-2021

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.