



National Electrification Project (P152936)

EAST ASIA AND PACIFIC | Myanmar | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 9 | ARCHIVED on 13-Jan-2020 | ISR40063 |

Implementing Agencies: Ministry of Electricity and Energy, Ministry of Agriculture, Livestock, and Irrigation, The Republic of the Union of Myanmar

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: 04-May-2018
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?

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The objective of the Project is to help increase access to electricity in Myanmar, and to provide immediate and effective response in case of an Eligible Crisis or Emergency.

Components

Name

Grid extension:(Cost \$321.25 M)
Off-grid electrification:(Cost \$172.00 M)
Technical assistance:(Cost \$20.00 M)
Contingent emergency response:(Cost \$13.75 M)

Overall Ratings

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

Implementation Status and Key Decisions

1. This ISR reflects the findings from the implementation support mission, which took place during November 13-26, 2019. The Project has provided access to electricity for 1.5 million people from approximately 285,000 off-grid villages and 700 grid-connected villages.

2. On the Grid Extension Component, delays under the implementation of Phase 1 work has continued to be due to late delivery of concrete poles and steel parts. Procurement for Phase 2 goods and works is going well. It is expected that all material contracts will be finalized by March 2020, followed by implementation contracts to be awarded by end 2020, supporting connections to an additional 4,700 villages.
3. On the Off-Grid Component, nearly 83 percent households of the targeted 456,500 solar home system (SHS) installations will be reached after completion of three rounds of competitive bidding and implementation of the fourth round, which is currently under evaluation. WB support to DRD in the establishment of the after-sales service centers for SHS is the first step to introduce a commercial element with a view to attract local companies and service providers and ensure the sustainability of the program.
4. In terms of the mini-grid component, 73 projects have been approved, out of which 35 are under operation. An additional 38 mini-grids are expected to be commissioned around July 2020. Increasing connections to meet target will rest on simplifying the evaluation to approve more projects and supporting end-user financing for electrification and productive use investments.

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	● High	● High	● High
Technical Design of Project or Program	● High	● High	● Moderate
Institutional Capacity for Implementation and Sustainability	● High	● High	● Moderate
Fiduciary	● High	● Substantial	● Substantial
Environment and Social	● Substantial	● Substantial	● Substantial
Stakeholders	● Substantial	● Substantial	● Substantial
Other	--	--	--
Overall	● High	● High	● High

Results

PDO Indicators by Objectives / Outcomes

To help increase access to electricity in Myanmar				
► People provided with access to electricity by household connections (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,200,776.00	1,496,262.00	5,672,500.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021

↙ Grid (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	51,836.00	254,592.00	3,212,500.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
↙ Off-grid / mini-grid – Only renewable sources (SHS, mini-hydro mini-grids) (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,148,940.00	1,216,835.00	2,282,500.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
↙ Off-grid / mini-grid – Any source except only renewable (Hybrid solar mini-grid) (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	24,270.00	24,835.00	177,500.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
↙ Female Beneficiaries (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	600,388.00	748,131.00	2,836,200.00
▶ Community electricity connections. Of which: (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9,202.00	10,191.00	21,400.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
↙ Grid (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	176.00	1,265.00	10,000.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
↙ Off-grid / mini-grid – Only renewable sources (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9,026.00	8,926.00	11,400.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
▶ Public lighting (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target

Value	0.00	28,792.00	42,209.00	132,000.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021
▲Grid (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,963.00	16,434.00	113,000.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021
▲Off-grid / mini-grid (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	25,829.00	25,775.00	19,000.00
Date	16-Dec-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021

Intermediate Results Indicators by Components

Grid extension				
▶Distribution lines constructed or rehabilitated under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	166.32	539.12	17,800.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
▶Transformers installed (Kilovolt-Ampere(KVA), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11,350.00	59,745.00	664,000.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
▶Households connected to grid electricity (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11,781.00	26,435.00	645,000.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021
▶Greenhouse gas reductions (grid connections) in ktCO2e (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.44	2.00	275.00

Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021
------	-------------	-------------	-------------	-------------

Off-grid electrification

►Households served with solar (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	229,484.00	243,063.00	456,500.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8,158.00	5,271.00	35,500.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	89.00	93.90	190.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021

Technical Assistance and Project Management

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	82.00	50.00	100.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021

►People trained - grid (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	758.00	1,307.00	16,500.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Mar-2021

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,934.00	2,279.00	3,900.00

Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	31-Dec-2021
------	-------------	-------------	-------------	-------------

Citizen Engagement

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	68.00	5,080.00	5,000.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,344.00	4,510.00	3,800.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021

Contingent Emergency Response

► Goods procured and distributed as outlined in the CERIP (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	12,000,000.00	12,000,000.00	13,755,000.00
Date	16-Sep-2015	26-Jun-2019	19-Dec-2019	30-Sep-2021

Data on Financial Performance

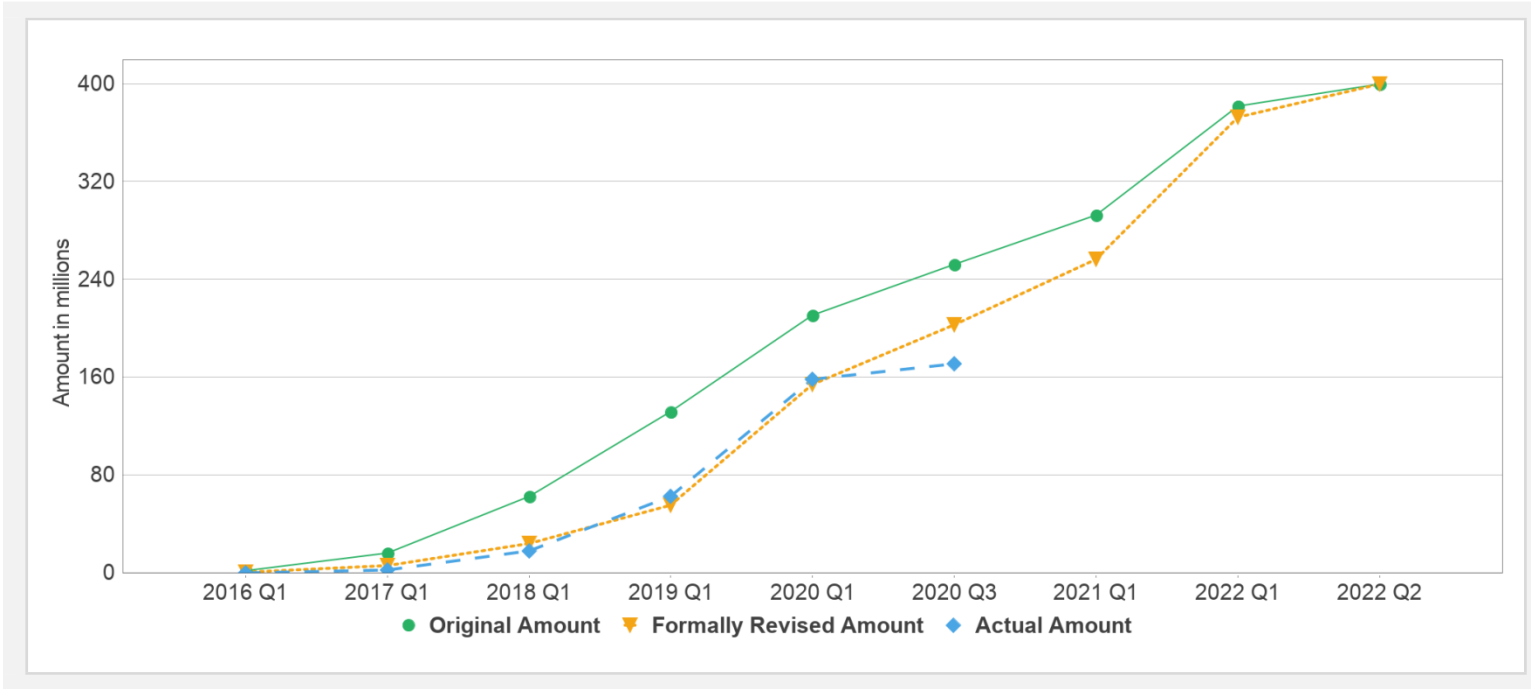
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P152936	IDA-57270	Effective	USD	400.00	400.00	0.00	171.11	226.62	43%

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

Level 1 Approved on 23-Aug-2017

Related Project(s)

P166413-Myanmar RBF for Off-grid Solar