



Nepal: Grid Solar and Energy Efficiency (P146344)

SOUTH ASIA | Nepal | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 2 | ARCHIVED on 28-Oct-2015 | ISR21158 |

Implementing Agencies: Nepal Electricity Authority

Key Dates

Key Project Dates

Board Approval date:22-Dec-2014

Effectiveness Date:--

Planned Mid Term Review Date:30-Jun-2017

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2020

Revised Closing Date:31-Dec-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objectives (PDOs) are to: (i) increase solar photovoltaic generated electricity to supply to the NEA grid; and (ii) reduce NEA's distribution losses in selected distribution centers.

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

No

Components

Name

Component 1: Grid-connected Solar PV Farms Development:(Cost \$54.00 M)

Component 2: Distribution System Planning Loss Reduction:(Cost \$88.00 M)

Overall Ratings

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

Implementation Status and Key Decisions



The project consists of two components: (a) Grid-connected Solar PV Farms Development; and (b) Distribution System Planning and Loss Reduction.

Grid-connected Solar PV Farms Development. NEA is currently evaluating the Bids for Design Supply and Installation of 25 MW grid connected solar PV. Shortlisting and request for proposal to hire supervision engineer under review by the Bank.

Distribution System Planning and Loss Reduction. TOR for loss reduction master plan is under review by bank team after revised submission by NEA. Procurement of 33 kV substation pack is also under review by the bank task team.

Risks

Systematic Operations Risk-rating Tool

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



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

Results

Project Development Objective Indicators

► Average annual solar PV generated electricity supplied to the NEA grid (Gigawatt-hour (GWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	31.70
Date	17-Oct-2014	--	19-Oct-2015	30-Jun-2020

► Distribution Loss Reduction in Selected Distribution Centers (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	15.00
Date	17-Oct-2014	--	19-Oct-2015	31-Jul-2020

Overall Comments

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	0.00	100.00
Date	17-Oct-2014	13-Apr-2015	19-Oct-2015	31-Jul-2020



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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	17-Oct-2014	--	19-Oct-2015	31-Jul-2020

▶ Generation Capacity of Renewable Energy (other than hydropower) constructed (Megawatt, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
Date	17-Oct-2014	13-Apr-2015	19-Oct-2015	31-Jul-2016

▲ Generation Capacity of Renewable Energy constructed-Solar (Megawatt, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
Date	17-Oct-2014	13-Apr-2015	19-Oct-2015	31-Jul-2016

▶ Distribution Master Plan developed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	17-Oct-2014	13-Apr-2015	19-Oct-2015	31-Jul-2016



► Distribution Loss Reduction Master Plan developed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	17-Oct-2014	13-Apr-2015	19-Oct-2015	31-Jul-2016

Overall Comments

Data on Financial Performance

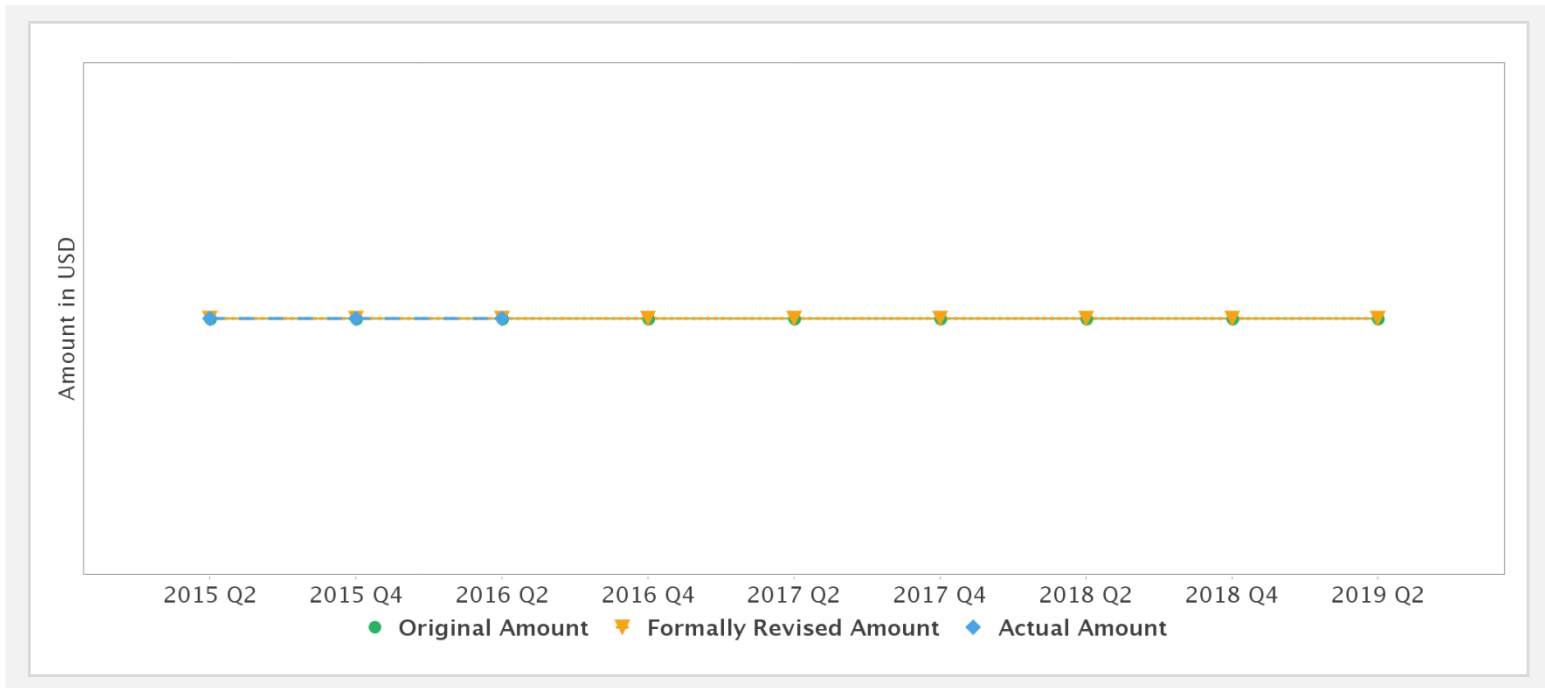
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P146344	IDA-55660	Not Effective	XDR	88.00	88.00	0.00	0.00	88.00	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P146344	IDA-55660	Not Effective	22-Dec-2014	20-Feb-2015	--	31-Dec-2020	31-Dec-2020

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.