



Electricity Transmission Network Improvement Project (P146199)

EUROPE AND CENTRAL ASIA | Armenia | Energy and Mining Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 1 | ARCHIVED on 29-Jun-2015 | ISR19954 |

Implementing Agencies: High Voltage Electric Networks, Yerevan Thermal Power Plant

Key Dates

Key Project Dates

Board Approval date:30-Mar-2015

Effectiveness Date:--

Planned Mid Term Review Date:15-Jun-2017

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2019

Revised Closing Date:31-Dec-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed project development objectives (PDO) are to improve the reliability of the power transmission network and system management, and support the Borrower's efforts in ensuring adequate electricity supply

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

No

Components

Name

Component 1: Strengthening of the power transmission network:(Cost \$60.04 M)

Component 2: Improvement of the power system management:(Cost \$3.13 M)

Component 3: Preparation of a new electricity generation project:(Cost \$1.69 M)

Overall Ratings

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



Implementation Status and Key Decisions

The project was approved by the World Bank Board of Directors on March 30, 2015. It is currently undergoing the internal ratification process and will be declared effective upon fulfillment by the Government of all the effectiveness conditions specified in the Loan Agreement.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	● Moderate	--	● Moderate
Macroeconomic	● Substantial	--	● Substantial
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	● Moderate	--	● Moderate
Stakeholders	● Low	--	● Low
Other	--	--	--
Overall	● Substantial	--	● Substantial

Results

Project Development Objective Indicators



► Equipment failures per year in target substations (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	--	10.00	2.00
Date	30-Dec-2014	--	15-Jun-2015	31-Dec-2019

► Average interruption frequency per year in the project area (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.11	--	0.11	0.09
Date	30-Dec-2013	--	15-Jun-2015	31-Dec-2019

▲ Customers served in the project area (Number, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1040000.00	--	1040000.00	1040000.00

► Down time of power system dispatch per year (Minutes, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.00	--	20.00	0.00
Date	30-Dec-2014	--	15-Jun-2015	31-Dec-2019

► Contract for construction of a new CCGT project competitively awarded to a qualified private developer (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	--	No	Yes



Date	30-Dec-2014	--	15-Jun-2015	31-Dec-2019
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► Direct project beneficiaries (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2984000.00	--	2984000.00	2993000.00
Date	30-Dec-2014	--	15-Jun-2015	31-Dec-2019

◄ Female beneficiaries (Percentage, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	48.60	--	48.60	48.60

Overall Comments

Too early to measure progress towards achievement of PDO indicators.

Intermediate Results Indicators

► Total number of substations rehabilitated under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	2.00
Date	30-Dec-2014	--	15-Jun-2015	31-Dec-2019



► Preparation of a new CCGT project completed (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	n/a	--	Too early to measure	Tender documents for selection of a private developer issued
Date	30-Dec-2014	--	15-Jun-2015	31-Oct-2019

► Back-up dispatch center constructed (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	n/a	--	Too early to measure	Back-up dispatch center tested and operational
Date	30-Dec-2014	--	15-Jun-2015	31-Oct-2019

► Percent of registered project related grievances responded to within stipulated service standards for response times (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	30-Dec-2014	--	15-Jun-2015	31-Dec-2019

Overall Comments

Too early to measure progress towards achievement of Intermediate Results Indicators.

Data on Financial Performance

Disbursements (by loan)

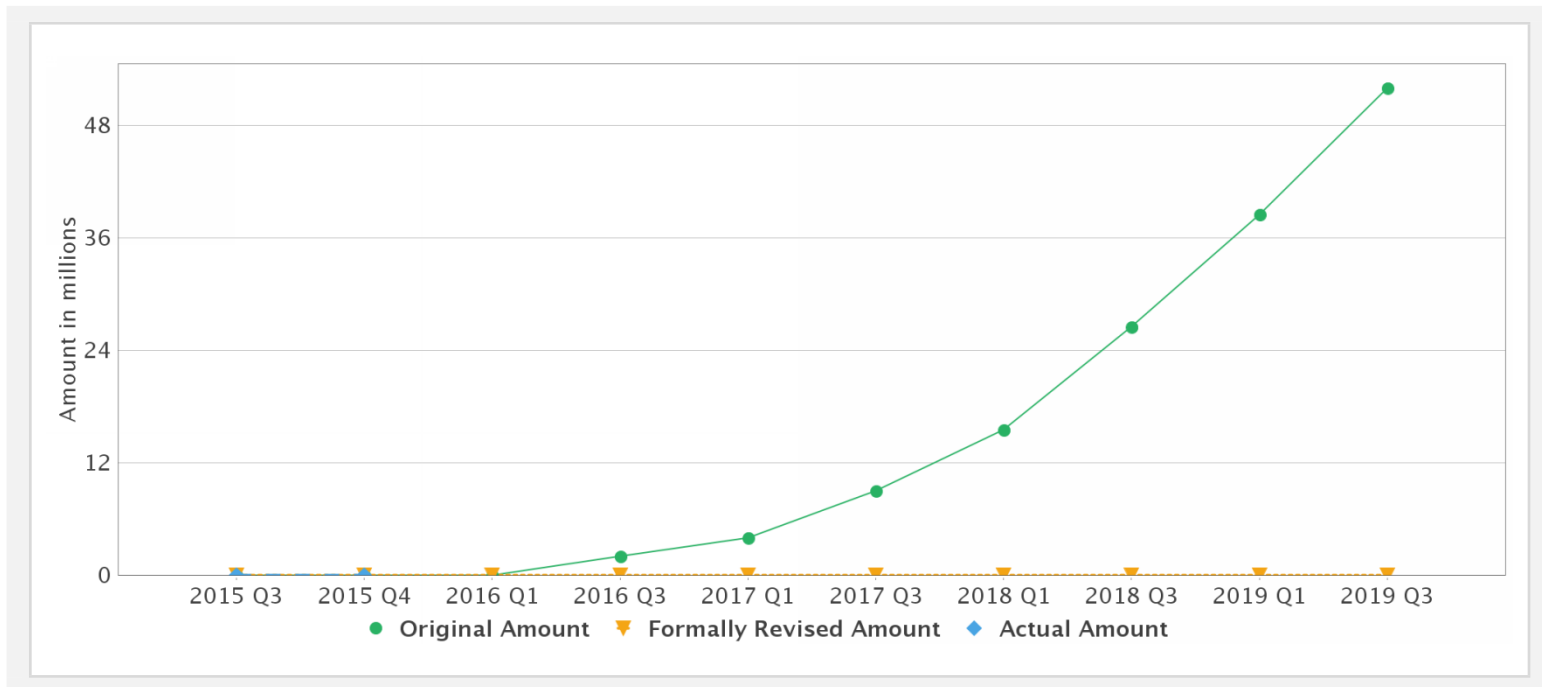
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P146199	IBRD-84950	Not Effective	USD	52.00	52.00	0.00	0.00	52.00	0%

Key Dates (by loan)



Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P146199	IBRD-84950	Not Effective	30-Mar-2015	08-Apr-2015	--	31-Dec-2019	31-Dec-2019

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.