



Electricity Transmission Network Improvement Project (P146199)

EUROPE AND CENTRAL ASIA | Armenia | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 3 | ARCHIVED on 20-Sep-2016 | ISR25159 |

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

Key Dates

Key Project Dates

Bank Approval Date:30-Mar-2015

Effectiveness Date:21-Sep-2015

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	● Moderately Unsatisfactory	● Moderately Unsatisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Moderate



Implementation Status and Key Decisions

The procurement of the contractors for rehabilitation of Ashnak and Yerevan Thermal Power Centre's substations was completed and the detailed design works have commenced in August 2016. The procurement for supply and installation of the back-up dispatch center will commence in October 2016. The World Bank project will be restructured due to the change in the Government's approach to construction of the new Combined Cycle Gas Turbine power plant.



Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	11.00	9.00	2.00
Date	30-Dec-2014	29-Dec-2015	30-Aug-2016	31-Dec-2019

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.11	0.12	0.11	0.09
Date	30-Dec-2013	29-Dec-2015	30-Aug-2016	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	1040000.00

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.00	--	15.00	0.00
Date	30-Dec-2014	--	30-Aug-2016	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	No	Yes
Date	30-Dec-2014	29-Dec-2015	30-Aug-2016	31-Dec-2019

▶ Direct project beneficiaries (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2984000.00	2984000.00	3018000.00	2993000.00
Date	30-Dec-2014	29-Dec-2015	30-Aug-2016	31-Dec-2019

▲ Female beneficiaries (Percentage, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	48.60	48.60	53.60	48.60



Overall Comments

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	0.00	2.00
Date	30-Dec-2014	29-Dec-2015	30-Aug-2016	31-Dec-2019

► Preparation of a new CCGT project completed (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	n/a	No progress	No progress	Tender documents for selection of a private developer issued
Date	30-Dec-2014	29-Dec-2015	30-Aug-2016	31-Oct-2019

► Back-up dispatch center constructed (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	n/a	Too early to measure	Too early to measure	Back-up dispatch center tested and operational
Date	30-Dec-2014	29-Dec-2015	30-Aug-2016	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	100.00	100.00	100.00
Date	30-Dec-2014	29-Dec-2015	30-Aug-2016	31-Dec-2019

Overall Comments

Data on Financial Performance

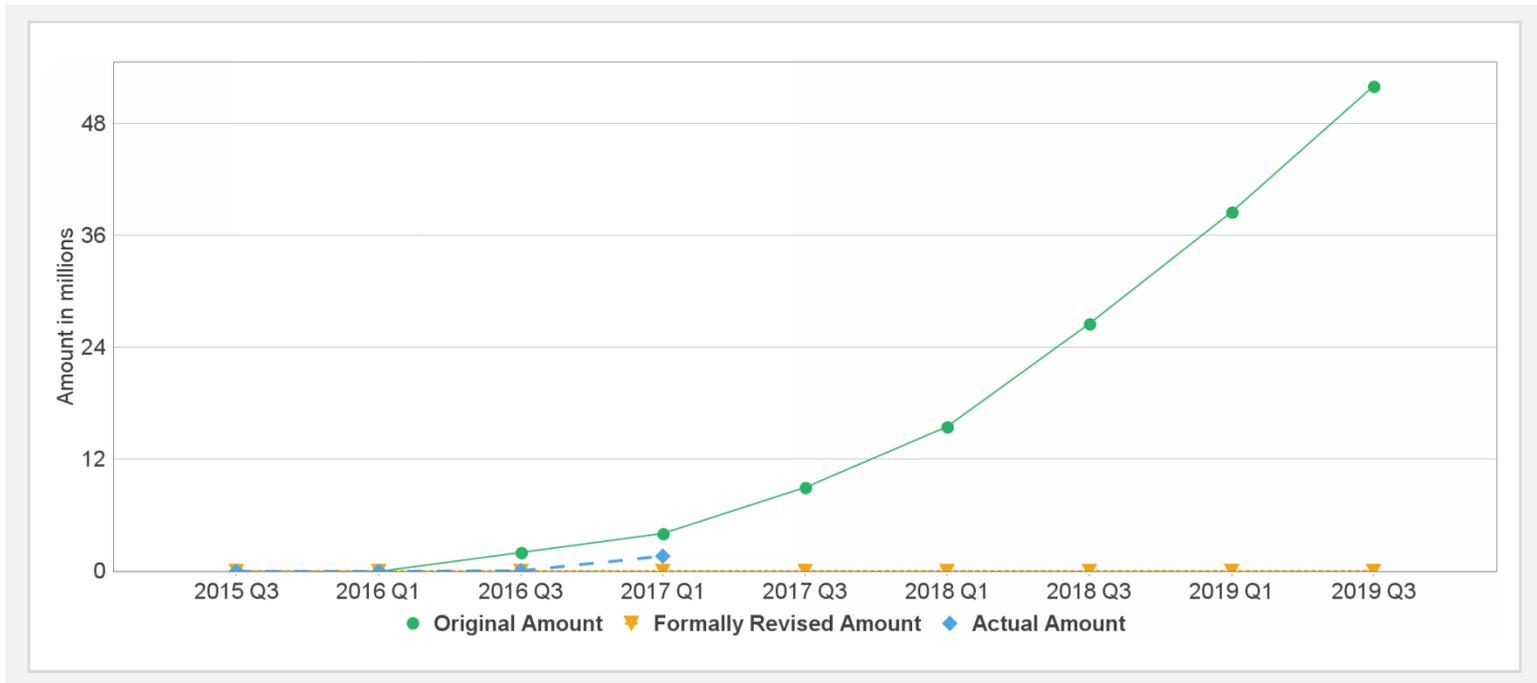
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P146199	IBRD-84950	Effective	USD	52.00	52.00	0.00	1.72	50.28	3%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P146199	IBRD-84950	Effective	30-Mar-2015	08-Apr-2015	21-Sep-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.