



AFCC2/RI-The Eastern Electricity Highway Project under the First Phase of the Eastern Africa Power Integration Program (

AFRICA | Africa | Energy & Extractives Global Practice |
IBRD/IDA | Adaptable Program Loan | FY 2013 | Seq No: 8 | ARCHIVED on 18-Nov-2016 | ISR25660 |

Implementing Agencies: KETRACO, EEP

Key Dates

Key Project Dates

Bank Approval Date:12-Jul-2012

Effectiveness Date:05-Dec-2013

Planned Mid Term Review Date:31-May-2016

Actual Mid-Term Review Date:09-May-2016

Original Closing Date:30-Jun-2019

Revised Closing Date:30-Jun-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

Project objectives are to: (a) increase the volume and reduce the cost of electricity supply in Kenya; and (b) provide revenues to Ethiopia through the export of electricity from Ethiopia to Kenya.

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

No

Components

Name

A. HVDC transmission interconnector:(Cost \$1207.50 M)

B. Project Management and Capacity Building:(Cost \$55.00 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	● Substantial	● Substantial



Implementation Status and Key Decisions

The project became effective in December 2013, but the procurement process took much longer time than expected. The five contracts for the construction of the overhead transmission line financed by AfDB and AfD were signed in April 2015. The two contracts for converter stations financed by IDA were signed at end of October 2015. Since the implementation of the Kenya portion of the transmission line started earlier, over 400 tower foundations have been executed. On the Ethiopia portion, over 100 tower foundations have been excavated. Engineering design and site preparation for the converter stations in both countries are under way. Disbursements are expected to be small this fiscal year (FY17), but to pick up next fiscal year (FY18). While project implementation is about one year behind the original schedule due to the procurement delay, contract implementation is now progressing, and completion of construction is expected in early 2019 based on a 36-month construction period for the converter stations. The Bank team (together with other financiers) is closely monitoring implementation to mitigate further delays.



Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

► 1. Electricity exported (Gigawatt-hour (GWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2970.00
Date	30-Apr-2012	21-Apr-2016	04-Nov-2016	30-Jun-2018



► 2. Electricity cost savings in Kenya (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	39000000.00
Date	30-Apr-2012	19-Apr-2016	04-Nov-2016	30-Jun-2018

► 3. Revenues to Ethiopia (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	208000000.00
Date	30-Apr-2012	19-Apr-2016	04-Nov-2016	30-Jun-2018

► 4. Indirect beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15700000.00
Date	30-Apr-2012	19-Apr-2016	04-Nov-2016	30-Jun-2018

Overall Comments

Intermediate Results Indicators



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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1000.00
Date	30-Apr-2012	19-Apr-2016	04-Nov-2016	30-Jun-2018

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1000.00
Date	30-Apr-2012	19-Apr-2016	28-Oct-2016	30-Jun-2018

► 5. Transmission lines constructed (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1000.00
Date	30-Apr-2012	19-Apr-2016	28-Oct-2016	30-Jun-2018

► 6. Converter stations constructed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	30-Apr-2012	19-Apr-2016	28-Oct-2016	30-Jun-2018



▲ 6 b. % of converter stations constructed (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00

▶ 7. Interconnector availability (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	99.00
Date	30-Apr-2012	19-Apr-2016	28-Oct-2016	30-Jun-2018

▶ 8. Kenya substations reinforced (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	30-Apr-2012	19-Apr-2016	28-Oct-2016	30-Jun-2018

▶ 9. Supervision Consultant (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	Y	Y	Y
Date	30-Apr-2012	19-Apr-2016	28-Oct-2016	31-Dec-2013



▶ 10. KETRACO staff training (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	50.00	90.00	150.00
Date	30-Apr-2012	19-Apr-2016	28-Oct-2016	30-Jun-2018

▶ 11. Knowledge transfer (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	20.00	30.00	200.00
Date	30-Apr-2012	19-Apr-2016	28-Oct-2016	30-Jun-2018

Overall Comments

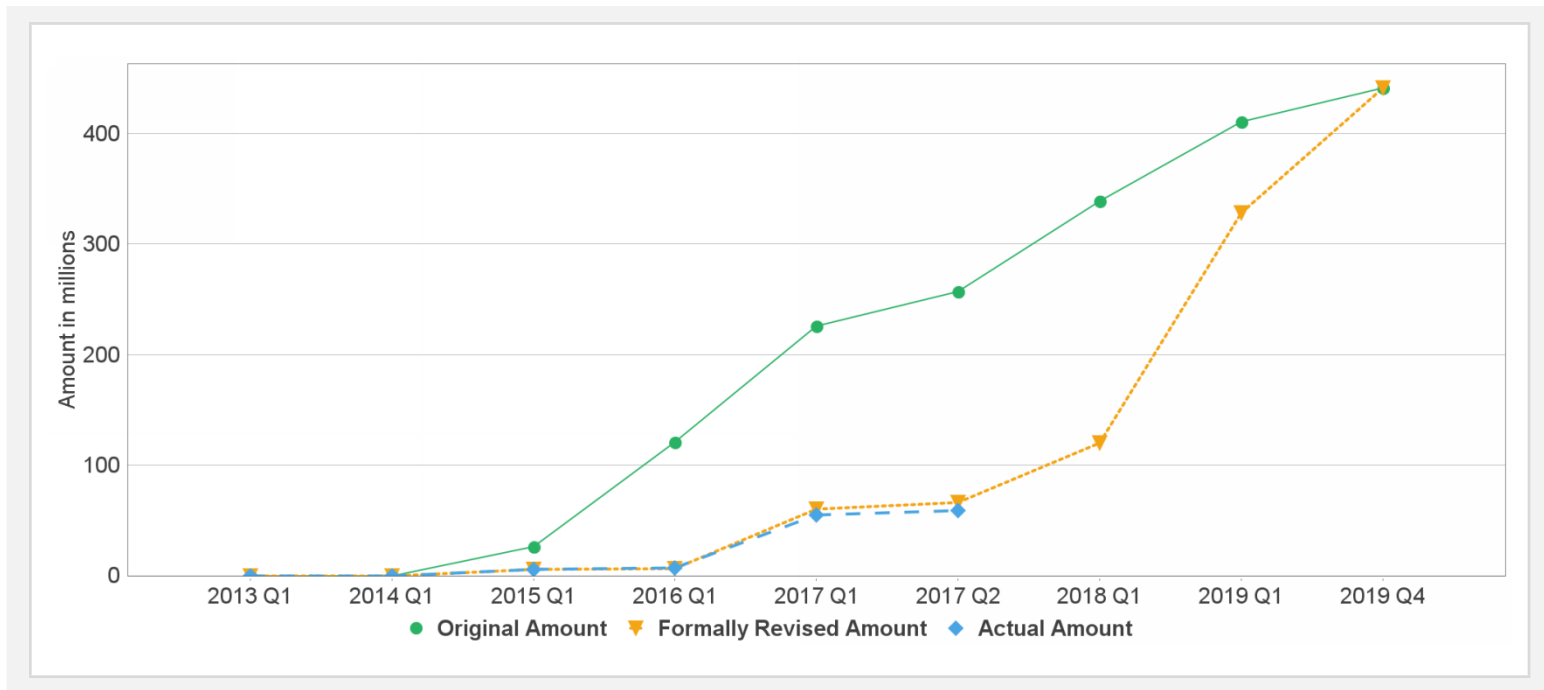
Data on Financial Performance**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P126579	IDA-51480	Effective	XDR	284.50	284.50	0.00	41.10	243.40	14%
P126579	IDA-51490	Effective	XDR	156.80	156.80	0.00	18.00	138.80	11%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P126579	IDA-51480	Effective	12-Jul-2012	05-Dec-2012	24-Dec-2013	30-Jun-2019	30-Jun-2019
P126579	IDA-51490	Effective	12-Jul-2012	14-Dec-2012	05-Dec-2013	30-Jun-2019	30-Jun-2019

Cumulative Disbursements



Restructuring History

Level 2 Approved on 11-Dec-2014 ,Level 2 Approved on 20-Oct-2015

Related Project(s)

There are no related projects.