



## Mozambique - Malawi Regional Interconnector Project (P164354)

AFRICA EAST | Eastern Africa | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2020 | Seq No: 5 | ARCHIVED on 21-Oct-2021 | ISR48605 |

Implementing Agencies: Electricidade de Mocambique, E.P., Ministry of Finance, Economic Planning and Development, Electricity Supply Corporation of Malawi, Ltd., Ministerio da Economia e Financas

### Key Dates

#### Key Project Dates

Bank Approval Date: 17-Sep-2019

Effectiveness Date: 25-Feb-2016

Planned Mid Term Review Date: 21-Jan-2022

Actual Mid-Term Review Date:

Original Closing Date: 31-Dec-2022

Revised Closing Date: 31-Dec-2023

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to interconnect Malawi and Mozambique's transmission systems to enable them to engage in bilateral and regional power trade in the Southern African Power Pool.

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

No

### Components Table

Name

Component 1: Mozambique-Malawi power transmission infrastructure:(Cost \$127.00 M)

Component 2: Technical Assistance and Capacity Building:(Cost \$3.00 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

### Implementation Status and Key Decisions

The project was approved by IDA's Board of Executive Directors on September 17, 2019 and became effective on July 15, 2020. Procurement of major contracts is largely completed. The project is being implemented in a satisfactory manner despite implementation delays related to the COVID 19 pandemic.

Table

### Multiphase Programmatic Approach (MPA) Status



## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Wheeling capacity enabled by the project, and electricity traded between ESCOM and EDM.				
▶ Wheeling capacity enabled by the project (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,200.00
Date	01-Mar-2019	01-Apr-2021	06-Oct-2021	29-Dec-2023
Comments:	Transmission capacity in MW of the line constructed under the Project.			
▶ Increased annual electricity traded between ESCOM and EDM. (Megawatt hour(MWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	360,000.00
Date	01-Apr-2019	01-Apr-2021	06-Oct-2021	29-Dec-2023
Comments:	Incremental electricity traded between the two utilities, measured in MWh, enabled by the line constructed under the Project.			



**Overall Comments**

PDO indicators will only start showing progress once the transmission line construction is completed.

**Intermediate Results Indicators by Components**

Mozambique – Malawi Power Transmission Infrastructure				
▶ Construction of the transmission line. (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	218.00
Date	01-Apr-2019	01-Apr-2021	06-Oct-2021	29-Dec-2023
Comments:	Percentage of progress in the construction of the transmission line as evidenced by the progress of invoicing for the contract. 100 percent when tests for the commissioning of the lines have been completed successfully. Sub-indicators have been allocated for each section of the line.			
▶ Project implementation contracts signed and effective. (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Apr-2019	01-Apr-2021	06-Oct-2021	30-Nov-2021
Comments:	Owner's Engineer for the Transmission Line is appointed by the PIU and contract is effective. EPC contracts signed for all transmission line Lots of the project. Contract for the construction and extension of the Matambo substation pending approval by the Government of Mozambique.			
Technical Assistance and Capacity Building				
▶ ESCOM Market trading unit established. (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Mar-2019	01-Apr-2021	06-Oct-2021	30-Nov-2021
Comments:	ESCOM will establish a trading unit within its Market Operator Department to handle daily trading on the SAPP market and any bilateral trading that may result from the implementation of the interconnector.			
▶ Citizens' grievances responded to and/or resolved within the stipulated service standards for response times. (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Apr-2019	01-Apr-2021	06-Oct-2021	30-Nov-2021
Comments:	Project Grievance Redress Mechanism established and operational as defined in the RAP.			
▶ Number of annual public consultation events with citizens and publicly disclosed summaries/minutes of these consultations. (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	01-Apr-2019	01-Apr-2021	06-Oct-2021	30-Nov-2021
Comments:	EDM and ESCOM will report how many interactions they have with communities to receive feedback about their project as part of the stakeholder engagement plan.			
<b>► Number of female staff in EDM and ESCOM trained and certified in market trading activities as part of the project. (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	01-Apr-2019	01-Apr-2021	06-Oct-2021	31-Aug-2023
Comments:	As part of the project, EDM and ESCOM will identify two women staff who will be trained to trade electricity in the regional market.			
<b>► Percentage of female technical and engineering staff at ESCOM. (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	10.00	10.00	15.00
Date	12-Aug-2019	01-Apr-2021	06-Oct-2021	31-Aug-2023
<b>► Development and implementation of recruitment, leadership development, and mentoring program targeting females in STEM fields in ESCOM. (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	12-Aug-2019	01-Apr-2021	06-Oct-2021	31-Aug-2023
<b>► Percentage of females hired under the Young Professional Program at EDM. (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00
Date	12-Aug-2019	01-Apr-2021	06-Oct-2021	31-Aug-2023

### Overall Comments

Project Implementation Contracts signed and effective. Owner's Engineer and Tender A contracts are effective, Tender B has been approved by the Bank, and is pending approval from the EDM Board.

### Performance-Based Conditions

### Data on Financial Performance



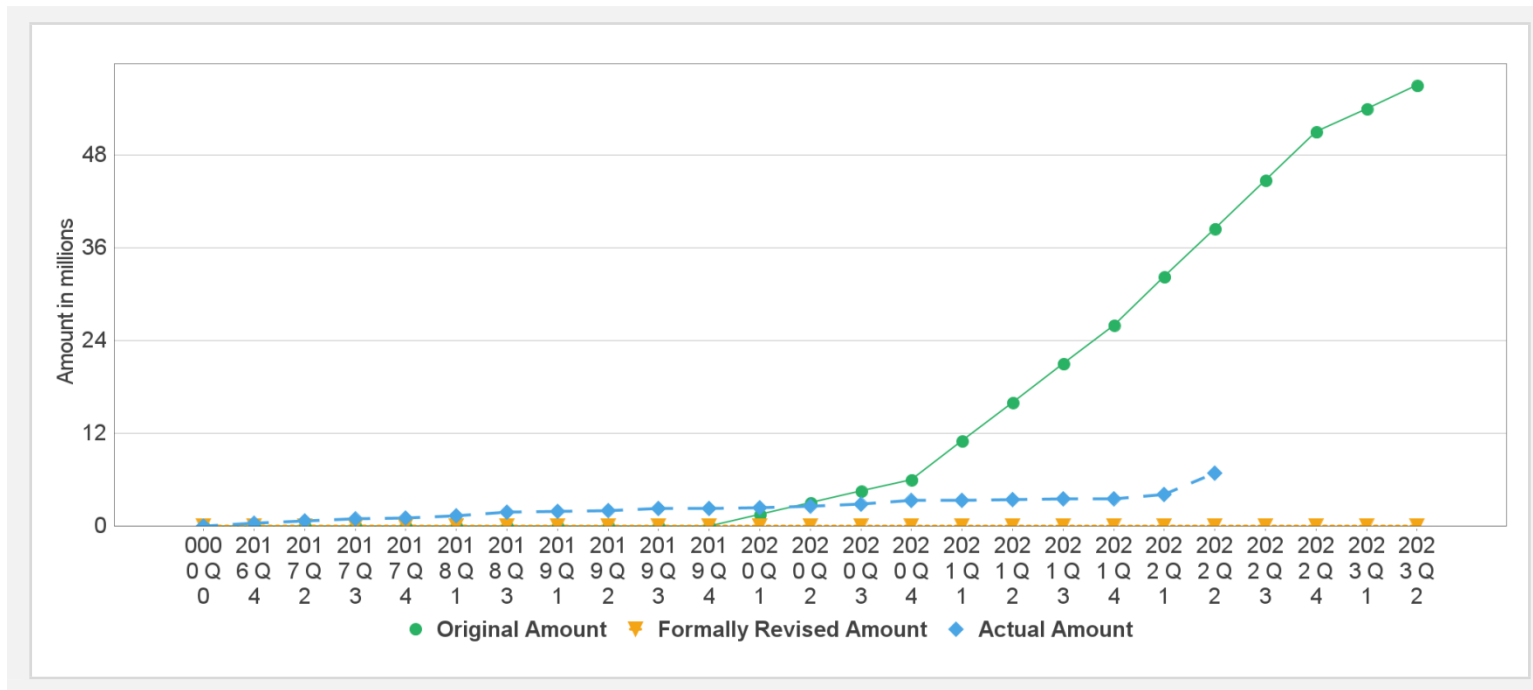
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P164354	IDA-64960	Effective	USD	15.00	15.00	0.00	0.00	15.46	0%
P164354	IDA-D5150	Effective	USD	42.00	42.00	0.00	2.03	41.15	4.7%
P164354	TF-18537	Effective	USD	5.00	5.00	0.00	3.69	1.31	74%
P164354	TF-B0941	Effective	USD	8.00	8.00	0.00	1.08	6.92	13%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P164354	IDA-64960	Effective	17-Sep-2019	18-Oct-2019	15-Jul-2020	31-Dec-2022	31-Dec-2022
P164354	IDA-D5150	Effective	17-Sep-2019	03-Dec-2019	15-Jul-2020	31-Dec-2022	31-Dec-2022
P164354	TF-18537	Effective	05-Mar-2015	05-Mar-2015	25-Feb-2016	30-Jun-2015	31-Dec-2023
P164354	TF-B0941	Effective	03-Dec-2019	03-Dec-2019	15-Jul-2020	31-Dec-2022	31-Dec-2022

**Cumulative Disbursements**





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### **Restructuring History**

There has been no restructuring to date.

### **Related Project(s)**

There are no related projects.

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