



STP Power Sector Recovery Project (P157096)

AFRICA | Sao Tome and Principe | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 8 | ARCHIVED on 12-Jun-2020 | ISR42177 |

Implementing Agencies: Agencia Fiduciaria de Administracao de Projeto (AFAP), Ministry of Finance and Public Administration

Key Dates**Key Project Dates**

Bank Approval Date: 05-Jul-2016

Effectiveness Date: 01-Nov-2016

Planned Mid Term Review Date: 15-Sep-2020

Actual Mid-Term Review Date:

Original Closing Date: 30-Jun-2021

Revised Closing Date: 28-Jun-2024

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objectives are to (i) increase renewable energy generation and (ii) improve the reliability of the electricity supply.

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

No

Components Table

Name

Support to electricity institutional reform and sector planning:(Cost \$1.20 M)
Strengthening operational performance and governance of EMAE:(Cost \$7.50 M)
Investing in enhanced reliability of electricity generation, transmission and distribution:(Cost \$30.40 M)
Project Implementation Support:(Cost \$1.90 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"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Implementation Status and Key Decisions

The project is progressing in a satisfactory manner as all of the activities are now under implementation. The Least Cost Development Plan and Management Improvement Plan have been delivered and approved by GoSTP. The overall objectives of these strategic documents are to improve EMAE performance and overall the sector financial sustainability. Optimization studies have defined the magnitude of Contador project rehabilitation and expansion up to 3.2 MW and work is on-going for the preparation of the tender documentation. The Construction is expected to start early 2021. The World Bank approved on April 7, 2020, a US\$12 million additional financing to cover for capacity increase for the Contador hydropower plant and the deployment of a large scale incandescent bulb replacement program with efficient LED bulbs.



Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Increase renewable energy generation and improve the reliability of the electricity supply				
▶ Generation Capacity of Hydropower constructed or rehabilitated under the project (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.20
Date	27-Jun-2016	14-Oct-2019	08-Jun-2020	28-Jun-2024
□ Generation Capacity of Hydropower rehabilitated under the project (Megawatt, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.20
Date	27-Jun-2016	14-Oct-2019	08-Jun-2020	28-Jun-2024
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	0.00	90,000.00
Date	27-Jun-2016	14-Oct-2019	08-Jun-2020	28-Jun-2024
□ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	51.00
▶ Electricity losses per year in the project area (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	40.00	40.00	40.00	33.00
Date	27-Jun-2016	14-Oct-2019	08-Jun-2020	28-Jun-2024

Intermediate Results Indicators by Components

Support for electricity institutional reform and sector planning				
▶ Least cost power sector development plan prepared and adopted by MINRA (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Final LCDP approved	Final LCDP approved	Implementation underway
Date	27-Jun-2016	14-Oct-2019	14-Oct-2019	30-Jun-2021

Strengthening operational performance and governance of EMAE				
▶ Management information, system installed, populated, in use (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	The consultant is working on the technical specifications of the MIS for tender documents.	The consultant is working on the technical specifications of the MIS for tender documents.	In use for sector monitoring and reporting
Date	30-Jun-2016	14-Oct-2019	14-Oct-2019	30-Jun-2021
▶ Management improvement plan prepared and adopted by MINRA (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Prepared	Prepared	Under implementation



Date	27-Jun-2016	15-Oct-2019	15-Oct-2019	30-Jun-2021
Investing in enhanced reliability of electricity generation, transmission and distribution				
► Meters installed under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	21,000.00
Date	27-Jun-2016	14-Oct-2019	08-Jun-2020	28-Jun-2024
► Distribution lines constructed or rehabilitated under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	27-Jun-2016	14-Oct-2019	08-Jun-2020	28-Jun-2024
□ Distribution lines rehabilitated under the project (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	27-Jun-2016	14-Oct-2019	08-Jun-2020	28-Jun-2024
► Gender-sensitive community outreach and communication campaign prepared and implemented, with regular feedback mechanism to sector stakeholders (e.g., EMAE, relevant ministries, AGER, AFAP) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Recruitment of the NGO completed.	Recruitment of the NGO completed.	Quarterly report prepared and feedback provided to sector stakeholders.
Date	27-Jun-2016	14-Oct-2019	14-Oct-2019	30-Jun-2021
► Energy Production (Megawatt hour(MWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15,698.00
Date	07-Feb-2020	07-Feb-2020	08-Jun-2020	31-Dec-2023
► Replacement of energy inefficient lamps with high efficiency LED lamps (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	0.00	225,500.00
Date	07-Feb-2020	07-Feb-2020	08-Jun-2020	31-Dec-2020
► Phaseout policy for incandescent lamps (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	07-Feb-2020	07-Feb-2020	08-Jun-2020	31-Dec-2022
► Percentage of female technical experts (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.50	2.50	2.50	4.00
Date	07-Feb-2020	07-Feb-2020	08-Jun-2020	28-Jun-2024
► Number of women employed in awareness-raising campaign (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	17.00
Date	07-Feb-2020	07-Feb-2020	08-Jun-2020	30-Jun-2021
► Percentage of potential female-led enterprises (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	07-Feb-2020	07-Feb-2020	08-Jun-2020	30-Jun-2021
► Energy Savings (Megawatt hour(MWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15,000.00
Date	07-Feb-2020	07-Feb-2020	08-Jun-2020	31-Dec-2021
► Peak Load Reduction (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00



Date	07-Feb-2020	07-Feb-2020	08-Jun-2020	31-Dec-2020
Project Implementation Support				
▶ Women's group trained as community outreach and consumer feedback agents. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	27-Jun-2016	14-Oct-2019	08-Jun-2020	30-Jun-2021

Performance-Based Conditions

Data on Financial Performance

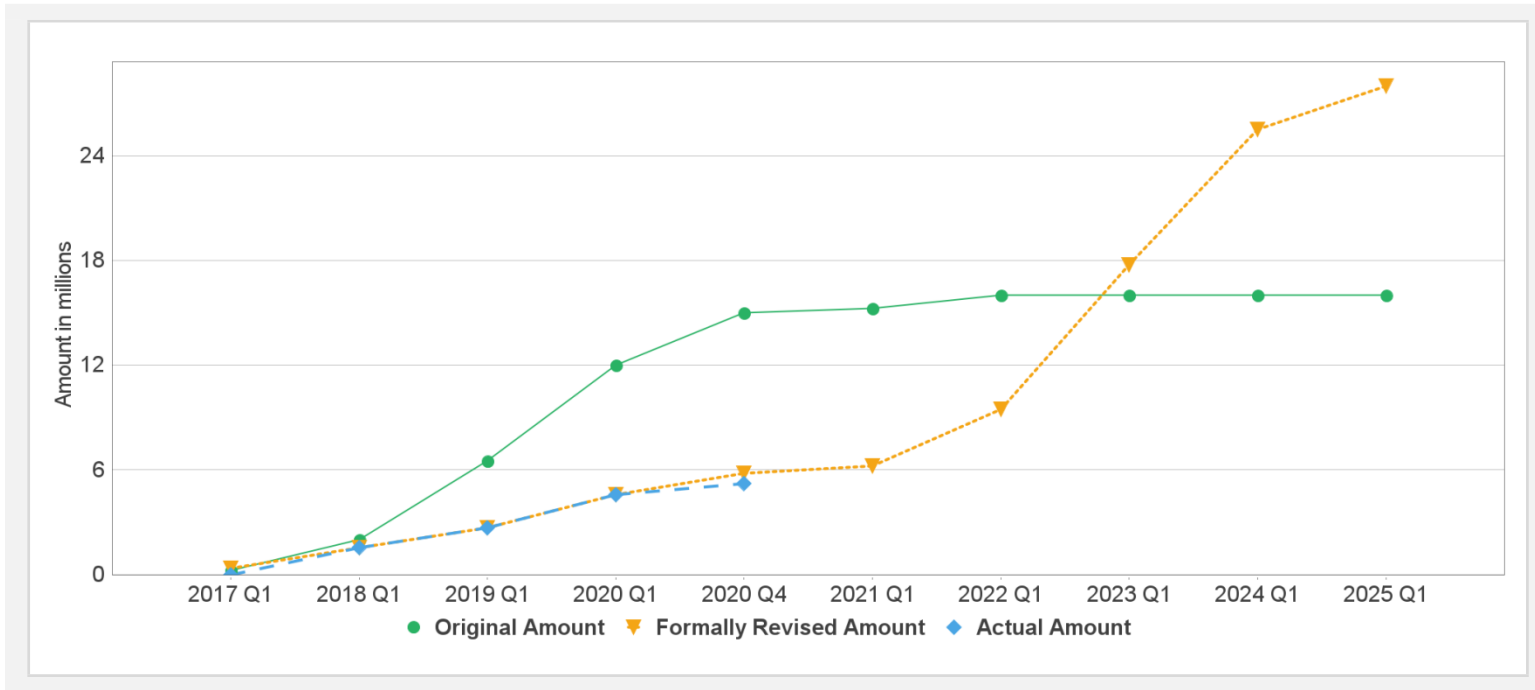
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P157096	IDA-D1260	Effective	USD	16.00	16.00	0.00	5.23	10.25	34%
P157096	IDA-D5870	Not Effective	USD	12.00	12.00	0.00	0.00	11.98	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P157096	IDA-D1260	Effective	05-Jul-2016	22-Aug-2016	01-Nov-2016	30-Jun-2021	30-Jun-2021
P157096	IDA-D5870	Not Effective	06-Apr-2020	07-May-2020	--	28-Jun-2024	28-Jun-2024

Cumulative Disbursements



PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
--------	----------	-------------	-----	------------	--------------------	-------------------------	------------------------

Restructuring History

There has been no restructuring to date.

Related Project(s)

P169196-Power Sector Recovery Project Additional Financing