



Distribution Grid Modernization and Loss Reduction Project (P147277)

LATIN AMERICA AND CARIBBEAN | Dominican Republic | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 10 | ARCHIVED on 24-Dec-2020 | ISR44958 |

Implementing Agencies: DOMINICAN REPUBLIC, CDEEE, SIE

Key Dates

Key Project Dates

Bank Approval Date: 15-Dec-2015

Effectiveness Date: 27-Jan-2017

Planned Mid Term Review Date: 23-Oct-2019

Actual Mid-Term Review Date: 07-Oct-2019

Original Closing Date: 31-Dec-2020

Revised Closing Date: 31-Aug-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to improve the financial viability of the electricity distribution companies (EDEs) by reducing energy losses and increasing revenue collections in the circuits rehabilitated under the project and consequently increase the supply of electricity. .

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

No

Components Table

Name

Rehabilitation of Selected Distribution Circuits and Upgrading of Metering Systems - Implementation of Environmental Management System:(Cost \$103.63 M)
Citizen Engagement and Community Participation:(Cost \$4.56 M)
Commercial Management and Project Management, Monitoring and Evaluation of the Distribution Grid Modernization and Electrical Losses Reduction Program:(Cost \$11.20 M)
Complementary Tariff Study:(Cost \$0.35 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately 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"/> Moderate	<input type="checkbox"/> Low

Implementation Status and Key Decisions

The Closing Date of the project has been extended to August 31, 2022, to enable completion of remaining activities, some of which required additional time and then all works had to be stopped on March 19, because of the lockdown in the country due to the Covid-19 Pandemic. Physical works gradually resumed in September 2020.



Rehabilitation of 12 circuits (out of 18) have been completed and the remaining six (6) are expected to be completed by the third quarter of 2021. Construction of three (3) Puntos Verdes (1 per Ede) for storage of hazardous waste generated by the project is already at an advanced stage with one of the building slated for completion in December 2020, and the other two in January 2021..

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

To improve the financial viability of the electricity distribution companies (EDEs)				
► Increase of Cost Recovery Index (CRI) at the rehabilitated circuits of each EDE. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	59.00	62.30	61.90	83.20
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	Actual data is as of September 30, 2020. The country has been under lockdown since March 19, 2020, due to the Covid 19 Pandemic. Physical activity gradually resumed in September 2020.			



To increase the supply of electricity in the rehabilitated circuits.

► Increase of the Average Service Availability Index (ASAI) in the rehabilitated circuits. (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	71.30	72.00	94.30	96.50
Date	20-May-2019	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	Actual data is as of September 30, 2020. The country has been under lockdown since March 19, 2020, due to the Covid-19 Pandemic. Physical activity has gradually resumed since September 2020.			

Intermediate Results Indicators by Components

Rehabilitation of Selected Distribution Circuits and Upgrading of Metering Systems - Implementation of Environmental Management System

► Increase of the Energy Recovery Index (ERI) at the rehabilitated circuits of each EDE. (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	58.70	61.60	61.60	82.70
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Dec-2021
Comments:	Actual data is as of September 30, 2020. The country has been under lockdown since March 19, 2020, due to the Covid-19 Pandemic. Physical activity resumed gradually in September 2020.			

► Number of kms of rehabilitated distribution networks. (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	590.00	601.00	687.00
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	Actual data is as of September 30, 2020. The country has been under lockdown since March 19, 2020, due to the Covid-19 Pandemic. Physical activity resumed gradually in September 2020. .			

► Number of 'remotely metered' clients at the EDEs (thousands). (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	71.60	89.10	130.77
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	Actual data is as of September 30, 2020. The country has been under lockdown since March 19, 2020, due to the Covid-19 Pandemic. Physical activity gradually resumed in September 2020..			



► Development of an integrated environmental management system among the 3 EDEs and CDEEE (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	Actual data is as of March 19, 2020. Agreement has been reached on an Environmental Policy as a first step to the Environmental Management System to be developed under the Bank Project. Development is still work in progress. The country has been under lockdown since March 19, 2020, due to the Covid-19 Pandemic and discussions have not resumed yet.			

Citizen Engagement and Community Participation				
► Number of 'Social Compacts' signed with the communities. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	18.00	18.00	18.00
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	This has already been completed.			

Commercial Management and Project Management, Monitoring and Evaluation of the Distribution Grid Modernization and Electrical Losses Reduction Program				
► Number of illegal users converted to legitimate paying clients (thousands). (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	29.40	44.05	71.32
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	Actual data is up to March 19, 2020. The country has been under lockdown since March 19, 2020, due to the Covid-19 Pandemic. Physical activity gradually started in September 2020.			
► Installation of IT Data Center. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	Actual data is as of September 2020. The IT Data Center has not been installed yet. The process for acquisition of equipment for the Data Center has been initiated. The Terms of Reference has been cleared by the Bank and the bidding documents are under preparation.			



Complementary Tariff Study				
▶ Complementary Tariff Study (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	1.00
Date	01-Jun-2016	19-Mar-2020	30-Sep-2020	31-Aug-2022
Comments:	The end target has been met.			

Performance-Based Conditions

Data on Financial Performance

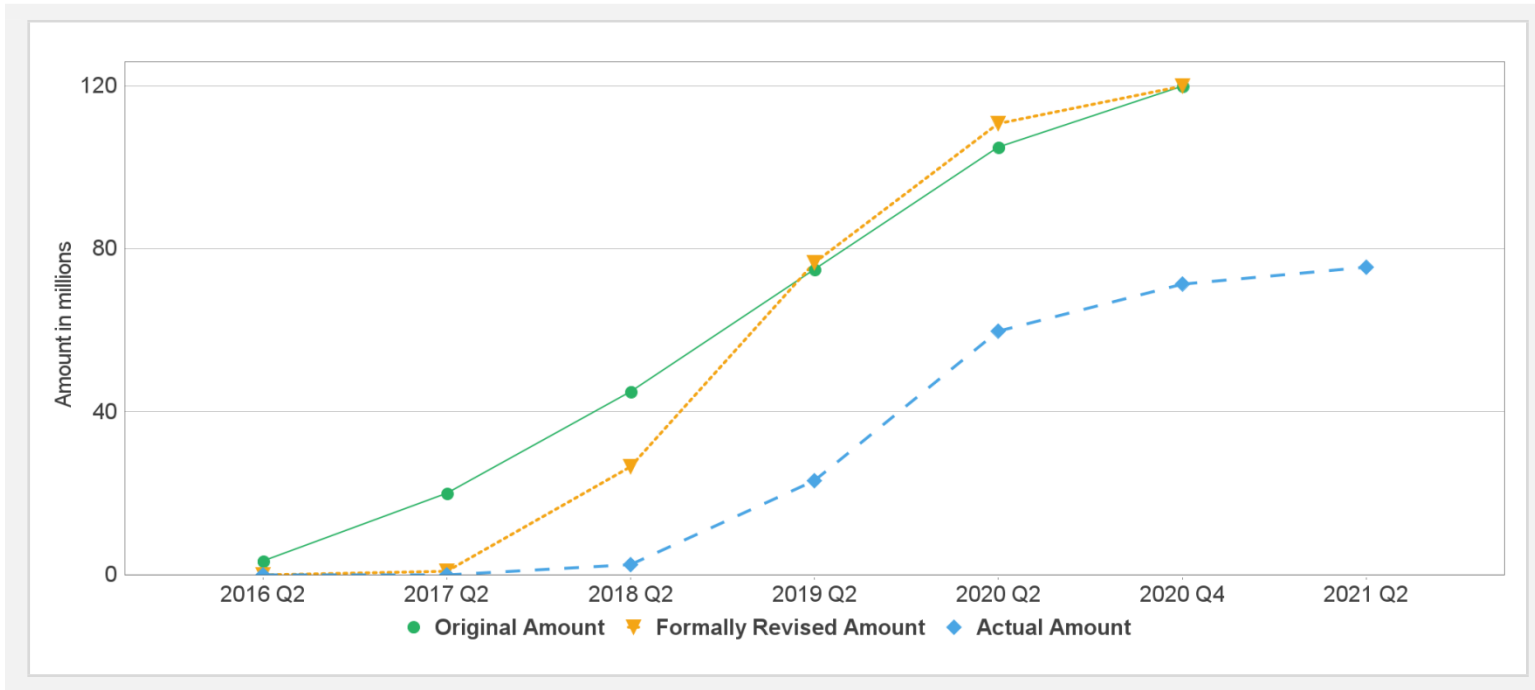
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P147277	IBRD-85630	Effective	USD	120.00	120.00	0.00	75.72	44.28	63%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P147277	IBRD-85630	Effective	15-Dec-2015	29-Dec-2015	27-Jan-2017	31-Dec-2020	31-Aug-2022

Cumulative Disbursements



PBC Disbursement

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

Restructuring History

Level 2 Approved on 08-Nov-2020

Related Project(s)

There are no related projects.