



BI-Jiji and Mulembwe Hydropower (P133610)

AFRICA | Burundi | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 10 | ARCHIVED on 10-Feb-2020 | ISR40294 |

Implementing Agencies: REGIDESO (Régie de Production d'Eau et d'Electricité), Ministry of Finance

Key Dates**Key Project Dates**

Bank Approval Date: 22-Apr-2014

Effectiveness Date: 12-Jan-2015

Planned Mid Term Review Date: 15-Nov-2021

Actual Mid-Term Review Date:

Original Closing Date: 31-Dec-2019

Revised Closing Date: 31-Dec-2023

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to increase the supply of clean and low cost hydropower electricity to Burundi's national grid.

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

No

Components Table

Name

Component A: Hydropower Facilities and Electricity Services:(Cost \$234.00 M)

Component B: Technical Assistance for Physical Infrastructure:(Cost \$13.90 M)

Component C: Power Sector Reform, Institutional Development and REGIDEO Performances Improvement:(Cost \$11.20 M)

Overall Ratings

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

Implementation Status and Key Decisions

The groundbreaking ceremony for the construction of Jiji and Mulembwe hydropower schemes took place on September 23, 2019 after the compensation of persons affected by the first phase of the construction. Civil works will start once the contract is effective. Timeline for construction is 42 months.



Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Increase the supply of clean and low cost hydropower electricity to Burundi's national grid				
IN00794379				
► Quantity of hydroelectricity additionally generated under the project (Cumulative) (Gigawatt-hour (GWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	213.50
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
IN00794380				
► Avoidance of CO2 emissions per year of operation (measured in kg CO2 emissions) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	232,978.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
IN00794406				



► Ratio of the levelized cost of production from Jiji and Mulembwe compared with levelized cost of production from oil based generation (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023

Intermediate Results Indicators by Components

Component A: Hydropower Facilities and Electricity Services				
IN00794409				
► 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	48.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
□ Generation Capacity of Hydropower constructed under the project (Megawatt, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	48.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
IN00794415				
► Direct project beneficiaries (number), of which female (percentage) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
□ Percentage Female (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
IN00794419				
► Transmission lines constructed or rehabilitated under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	132.00



Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Jul-2022
<input type="checkbox"/> Transmission lines constructed under the project (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	132.00
Date	23-Apr-2014	31-Jul-2022	15-Jan-2020	31-Jul-2022
IN00794424				
<input checked="" type="checkbox"/> Distribution lines constructed or rehabilitated under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
<input type="checkbox"/> Distribution lines constructed under the project (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
IN00794426				
<input checked="" type="checkbox"/> Number of substations constructed and extended (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Jul-2022
IN00794427				
<input checked="" type="checkbox"/> People provided with access to electricity by household connections (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	117.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
<input type="checkbox"/> People provided with access to electricity by hhold connections-Grid (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	117.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
IN00794429				
<input checked="" type="checkbox"/> Community electricity connections constructed under the project (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	54.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023
<input type="checkbox"/> Community electricity connections constructed –Grid (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	54.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023

Component B: Technical Assistance for Physical Infrastructure

IN00794408

► Feasibility studies elaborated for new investments (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023

IN00794412

► Hydropower Plant Contract Awarded (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2019

IN00794414

► Transmission Line Contract Awarded (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	30-Jun-2020

IN00794418

► Substations Contract Awarded (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	30-Jun-2020

IN00794420

► Owner's Engineer Contract Awarded (Yes/No, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2019

Component C: Power Sector Reform, Institutional Development and REGIDESO Performances Improvement

IN00794407

► Debt Service Coverage ratio (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.30	1.30	1.30	1.30
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023

IN00794410

► Billing Collection Ratio (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	84.00	78.57	78.57	93.00
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2023

IN00794413

► Ratio of Current Assets to Liabilities (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.70	2.50	2.50	1.00
Date	23-Apr-2014	31-Dec-2023	15-Jan-2020	22-Dec-2015

IN00794416

► The regulator (ACR) is established and resourced with staff assigned. (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	23-Apr-2014	21-Jun-2019	15-Jan-2020	31-Dec-2019

IN00794421

► Management Information System is installed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	10-Jul-2019	10-Jul-2019	15-Jan-2020	30-Dec-2022

IN00794422

► The implementation of the Revenue Protection Program is completed (Yes/No, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	10-Jul-2019	10-Jul-2019	15-Jan-2020	30-Dec-2022

Overall Comments

Indicators for component C have not been updated since data are not yet available. One of the key objective of this activity is actually to support Regideso in collecting reliable data for these indicators. They will be uploaded in ISRs once available.

Data on Financial Performance

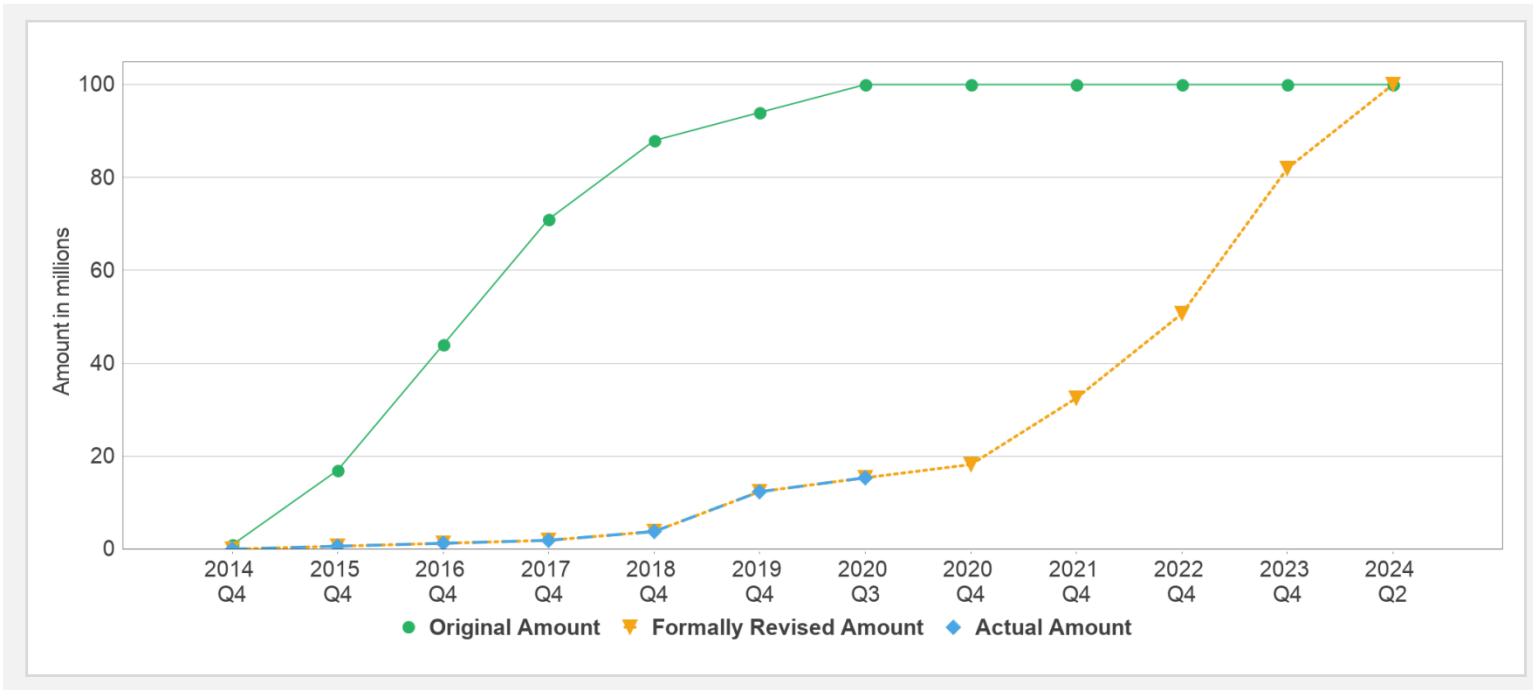
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133610	IDA-H9350	Effective	USD	100.00	100.00	0.00	15.33	73.80	17%
P133610	TF-A4223	Effective	USD	31.13	31.13	0.00	0.00	31.13	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133610	IDA-H9350	Effective	22-Apr-2014	18-Jul-2014	12-Jan-2015	31-Dec-2019	31-Dec-2023
P133610	TF-A4223	Effective	15-Sep-2017	19-Dec-2017	09-Dec-2019	31-Jul-2022	31-Jul-2022

Cumulative Disbursements



Restructuring History

Level 2 Approved on 05-Dec-2019

Related Project(s)

There are no related projects.