



## BI-Jiji and Mulembwe Hydropower (P133610)

EASTERN AND SOUTHERN AFRICA | Burundi | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 15 | ARCHIVED on 16-Sep-2022 | ISR52860 |

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

**Key Dates****Key Project Dates**

Bank Approval Date: 22-Apr-2014

Effectiveness Date: 12-Jan-2015

Planned Mid Term Review Date: 30-Sep-2022

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**

Despite the constraints due to COVID-19 pandemic, and difficulties related to the fuel and cement supply, the construction of Jiji and Mulembwe hydropower schemes continues on the ground, under supervision of REGIDESO's Project's Implementation Unit and its international Owner's Engineer. Resettlement Action Plan (RAP) for transmission line has been formerly approved by all stakeholders and is now under implementation with the support of a local NGO. Contracts for substations and transmission lines are now signed and under implementation.



## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Increase the supply of clean and low cost hydropower electricity to Burundi's national grid				
▶ 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	07-Mar-2022	08-Sep-2022	31-Dec-2023
▶ 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	07-Mar-2022	08-Sep-2022	31-Dec-2023
▶ 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	07-Mar-2022	08-Sep-2022	31-Dec-2023

### Intermediate Results Indicators by Components

<b>Component A: Hydropower Facilities and Electricity Services</b>				
<b>► Generation Capacity of Hydropower constructed or rehabilitated under the project (Megawatt, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	48.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>□ Generation Capacity of Hydropower constructed under the project (Megawatt, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	48.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>► Direct project beneficiaries (number), of which female (percentage) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	900.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>□ Percentage Female (Percentage, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>► Transmission lines constructed or rehabilitated under the project (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	132.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>□ Transmission lines constructed under the project (Kilometers, Custom Breakdown)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	132.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>► Distribution lines constructed or rehabilitated under the project (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>□ Distribution lines constructed under the project (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>► Number of substations constructed and extended (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>► People provided with access to electricity by household connections (Number, Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	117.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>□ People provided with access to electricity by household connections-Grid (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	117.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
<b>► Community electricity connections constructed under the project (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	54.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023



□ 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	07-Mar-2022	08-Sep-2022	31-Dec-2023

Component B: Technical Assistance for Physical Infrastructure				
▶ Feasibility studies elaborated for new investments (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.80	1.80	3.00
Date	23-Apr-2014	07-Mar-2022	08-Sep-2022	31-Dec-2023
▶ Hydropower Plant Contract Awarded (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	23-Apr-2014	31-Dec-2019	31-Dec-2019	31-Dec-2019
▶ Transmission Line Contract Awarded (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	27-Aug-2021	17-Sep-2021	17-Sep-2021	15-Sep-2021
▶ Substations Contract Awarded (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	15-Sep-2021	06-Dec-2021	06-Dec-2021	31-Dec-2021
▶ Owner's Engineer Contract Awarded (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	23-Apr-2014	15-Jan-2020	15-Jan-2020	31-Dec-2019



Component C: Power Sector Reform, Institutional Development and REGIDESO Performances Improvement				
<b>▶ Debt Service Coverage ratio (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.30	1.30	1.30	1.30
Date	23-Apr-2014	22-Jul-2020	22-Jul-2020	31-Dec-2023
<b>▶ Billing Collection Ratio (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	84.00	78.57	78.57	93.00
Date	23-Apr-2014	22-Jul-2020	22-Jul-2020	31-Dec-2023
<b>▶ Ratio of Current Assets to Liabilities (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.70	2.50	2.50	1.00
Date	23-Apr-2014	22-Jul-2020	22-Jul-2020	22-Dec-2015
<b>▶ The regulator (ACR) is established and resourced with staff assigned. (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	23-Apr-2014	31-Dec-2019	31-Dec-2019	31-Dec-2019
<b>▶ Management Information System is installed (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	10-Jul-2019	07-Mar-2022	08-Sep-2022	30-Dec-2022
<b>▶ The implementation of the Revenue Protection Program is completed (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	10-Jul-2019	07-Mar-2022	08-Sep-2022	30-Dec-2022



Performance-Based Conditions

Data on Financial Performance

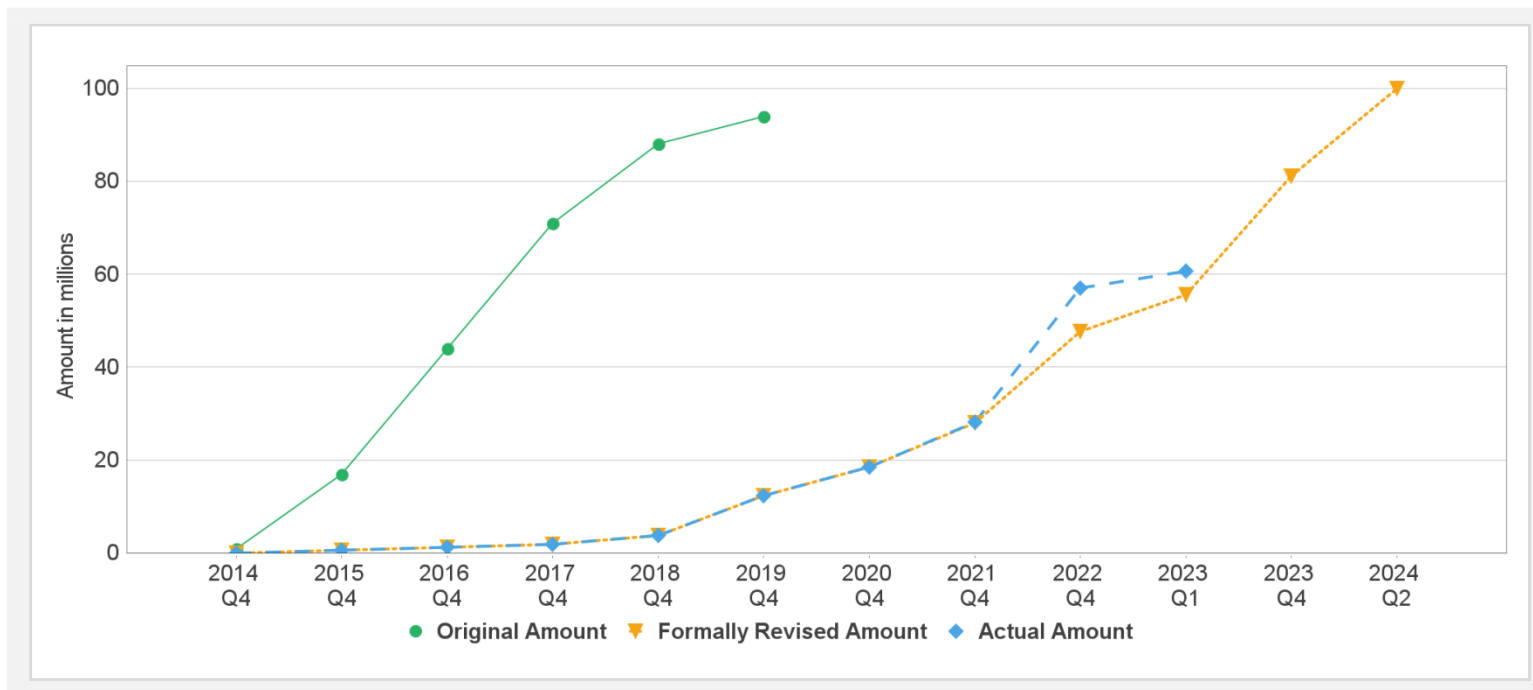
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133610	IDA-H9350	Effective	USD	100.00	100.00	0.00	48.86	38.52	56%
P133610	TF-A4223	Effective	USD	28.27	28.27	0.00	11.88	17.59	40%

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	30-Sep-2022

Cumulative Disbursements





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### **Restructuring History**

Level 2 Approved on 05-Dec-2019 ,Level 2 Approved on 29-Jul-2022

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

There are no related projects.

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