



## Second Djibouti-Ethiopia Power System Interconnection Project (P173763)

MIDDLE EAST AND NORTH AFRICA | Middle East and North Africa | Energy & Extractives Global Practice | IBRD/IDA | Investment Project Financing | FY 2022 | Seq No: 1 | ARCHIVED on 23-Jun-2022 | ISR51886 |

Implementing Agencies: Electricité de Djibouti, Republic of Djibouti - Ministry of Economy and Finance

### Key Dates

#### Key Project Dates

Bank Approval Date: 29-Mar-2022

Effectiveness Date: --

Planned Mid Term Review Date: 04-Nov-2024

Actual Mid-Term Review Date:

Original Closing Date: 31-Dec-2026

Revised Closing Date: 31-Dec-2026

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective (PDO) is to enhance the trade of reliable, low-cost, and clean electricity between Ethiopia and Djibouti.

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

No

### Components Table

Name

Transmission line from Galafi to Nagad and Nagad substation extension:(Cost \$48760000.00 M)  
Project Management, Owner's Engineer, Incremental Operating Costs & Technical Assistance:(Cost \$9180000.00 M)  
Contingency Emergency Response  
Price and Physical Contingency:(Cost \$9000000.00 M)

### Overall Ratings

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

### Implementation Status and Key Decisions

A US\$55 million IDA credit was approved by the World Bank Board of Directors on March 29, 2022, to finance the Djibouti section of the second Djibouti-Ethiopia Interconnection.

The World Bank Group conducted a first implementation support mission to Djibouti in early June 2022 and is working with Electricité de Djibouti (EDD) towards the effectiveness of the credit.



## 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"/> Moderate	--	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Moderate	--	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> Moderate	--	<input type="checkbox"/> Moderate
Fiduciary	<input type="checkbox"/> Substantial	--	<input type="checkbox"/> Substantial
Environment and Social	<input type="checkbox"/> Substantial	--	<input type="checkbox"/> Substantial
Stakeholders	<input type="checkbox"/> Moderate	--	<input type="checkbox"/> Moderate
Other	<input type="checkbox"/> Substantial	--	<input type="checkbox"/> Substantial
Overall	<input type="checkbox"/> Substantial	--	<input type="checkbox"/> Substantial

## Results

### PDO Indicators by Objectives / Outcomes

PDO Indicators				
<b>► Increased Electricity Transmission (Export/Import) Capacity (Megawatt, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	80.00	--	80.00	200.00
Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Total Increased Electricity Trade (Export/Import) Capacity on both Djibouti-Ethiopia Power System Interconnection (First and Second)			
<b>► Increase of Energy (GWh of trade) exchanged between Ethiopia and Djibouti (Gigawatt-hour (GWh), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Increase of Energy exchanged between Galafi and Nagad (in GWh)			



▶ Reduced average annual duration of power outages per year on the transmission network (Hours, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	120.00	--	120.00	50.00
Date	31-Dec-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Average annual duration of power outages per year on the transmission network			
▶ Average purchase cost of electricity ("average PPA cost") for EDD (in US\$/kWh) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	6.50
Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Total supply cost for EDD on the line per year divided by the number of kWh purchased.			
▶ GHG emissions reduction (tCO2e/year) (Tons/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	410,000.00
Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	GHG emissions reduction (tCO2e/year)			

### Intermediate Results Indicators by Components

Component 1				
▶ Transmission line constructed under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	192.00
Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Number of Transmission line kilometers constructed under the Second Djibouti-Ethiopia Power System Interconnection Project			
▶ Substations constructed or reinforced (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	1.00



Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Number of substations constructed or reinforced under the Second Djibouti-Ethiopia Power System Interconnection Project			

<b>Component 2</b>				
<b>► Advanced Metering Infrastructure's Action Plan adopted (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	--	No	Yes
Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Advanced Metering Infrastructure's Action Plan adopted by EDD (Yes/No)			
<b>► Percentage of grievances addressed within a time frame publicly communicated by the project (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Percentage of grievances addressed within a time frame publicly communicated by the project - The scope of the GRM will not only include complaints but also queries, suggestions and complaints			
<b>► Percentage of community members reporting that community engagement processes were effective (transparent, inclusive, responsive) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	01-Oct-2020	--	01-Jun-2022	31-Dec-2026
Comments:	Percentage of community members reporting that community engagement processes were effective (transparent, inclusive, responsive) - The beneficiaries/communities will be surveyed to request their feedback on engagement and outreach processes annually.			
<b>► Share of women employed in project's technical (engineering) jobs (Percentage) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7.00	--	7.00	15.00
Date	01-Jan-2021	--	01-Jun-2022	31-Dec-2026
Comments:	Share of women employed in project's technical (engineering) jobs (Percentage)			

**Performance-Based Conditions**



**Data on Financial Performance**

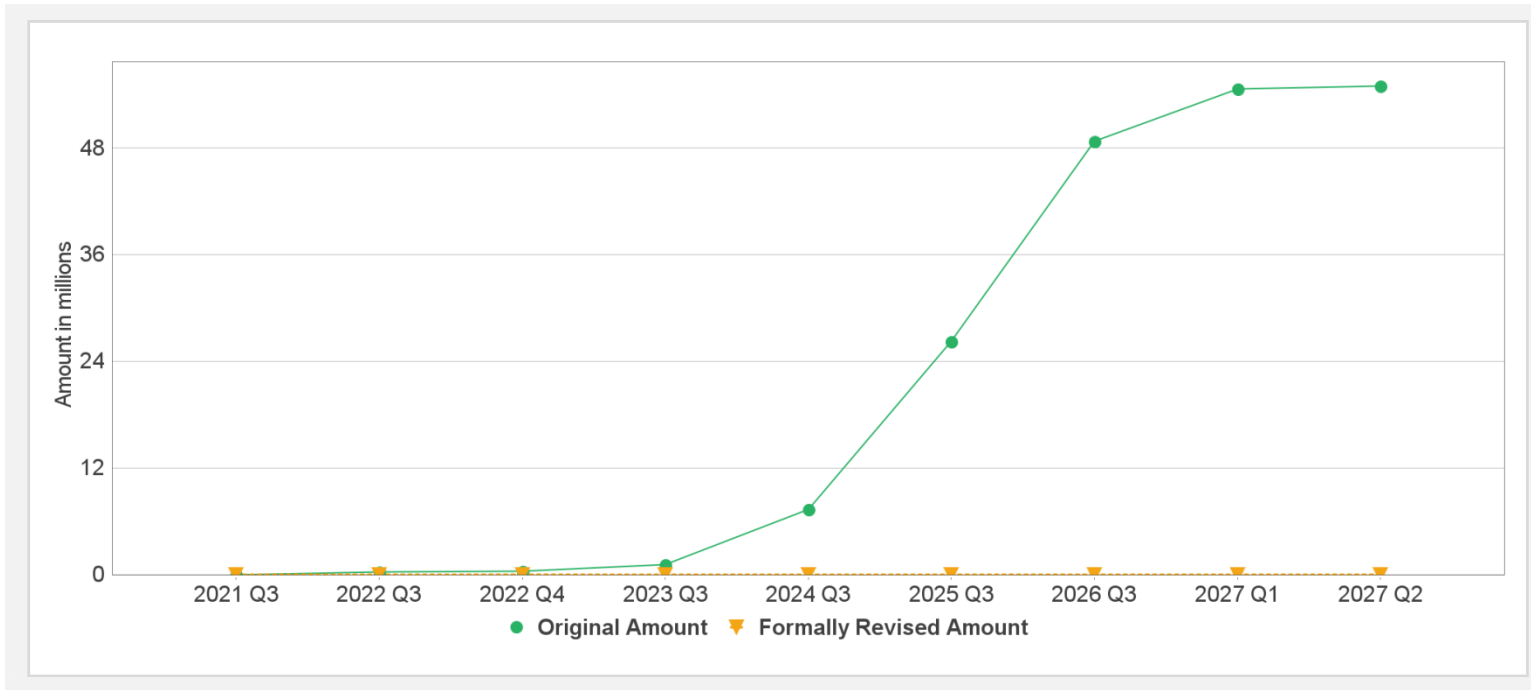
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P173763	IDA-70740	Not Effective	USD	55.00	55.00	0.00	0.00	52.92	0%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P173763	IDA-70740	Not Effective	29-Mar-2022	18-Apr-2022	--	31-Dec-2026	31-Dec-2026

**Cumulative Disbursements**



**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.

