



## Energy for Rural Transformation III (P133312)

AFRICA EAST | Uganda | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 11 | ARCHIVED on 02-Dec-2020 | ISR44111 |

Implementing Agencies: Ministry of Energy & Mineral Development/ Rural Electrification Agency, Government of Republic of Uganda

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

Bank Approval Date: 05-Jun-2015

Effectiveness Date: 31-Mar-2016

Planned Mid Term Review Date: 15-Feb-2019

Actual Mid-Term Review Date: 15-Feb-2019

Original Closing Date: 31-Dec-2020

Revised Closing Date: 31-Dec-2021

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to increase access to electricity in rural areas of Uganda.

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

No

**Components Table**

Name

On-grid Energy Access:(Cost \$144.60 M)

Off-grid Energy Access:(Cost \$25.00 M)

Institutional Strengthening and Impacts Monitoring:(Cost \$5.60 M)

Contingency:(Cost \$1.20 M)

**Overall Ratings**

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

**Implementation Status and Key Decisions**

After the World Bank Board approval of ERT-3 on June 5, 2015, the legal agreements for ERT-3 were signed on December 16, 2015, and the project subsequently became effective on March 31, 2016. Project implementation has gained significant momentum over the last two years, with a number of key sub-projects under implementation, including grid distribution extension and intensification projects, and the installation of solar energy packages in health centers and water supply schemes. The Bank team is working closely with the Client to further expedite implementation progress. The Project is expected to achieve its development objective by the closing date of December 31, 2021.



Type Table

### Multiphase Programmatic Approach (MPA) Status

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

#### Results

#### PDO Indicators by Objectives / Outcomes

To increase access to electricity in rural areas of Uganda				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,534,364.00	6,207,793.00	7,600,000.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
□ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	50.00	50.00	50.00	50.00
▶ People provided with access to electricity by household connections (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	827,794.00	893,937.00	1,021,000.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
□ People provided with access to electricity by hhold connections-Grid (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	827,201.00	887,063.00	850,000.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
□ Ppl provided wth elec. by hhold conn.–Offgrid/minigrd–Only renewable sources (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	729.00	6,874.00	171,000.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
▶ CO2 emissions reduced/avoided as a result of the project (Metric ton, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,708.00	4,806.00	120,000.00
Date	14-May-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021

### Intermediate Results Indicators by Components

On-grid Energy Access				
▶ Total length of distribution lines constructed under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	129.00	1,850.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
▶ Number of on-grid household connections made under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	145,123.00	155,625.00	150,000.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021

Off-grid Energy Access				
▶ Number of rural health centers with solar PV systems installed (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	155.00	224.00	276.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
<b>► Total installed capacity of solar PV systems installed at rural health centers (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0 kWp	75 kWp	170 kWp	250 kWp
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
<b>► Number of rural schools with solar PV systems installed (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
<b>► Total installed capacity of solar PV systems installed at rural schools (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0 kWp	0 kWp	0 kWp	169 kWp
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
<b>► Total installed capacity of solar PV systems installed at rural water pumping stations (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0 kWp	246 kWp	246 kWp	200 kWp
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
<b>► Number of off-grid household solar system installations made under the project (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	128.00	1,206.00	30,000.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
<b>► National standards for Solar Home Systems adopted by UNBS (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021






► National standards for Pico PV Systems adopted by UNBS (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
► Number of pico and micro hydro power generation projects completed. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
► Number of rural water pumping stations with solar PV systems installed (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	16.00	16.00	15.00
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
► Amount of credit and guarantee extended to Participating Financial Institutions (cumulative) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0 US\$ million	0.63 US\$ million	0.88 US\$ million	8.5 US\$ million
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021
► Amount of credit and guarantee extended to project beneficiaries by Participating Financial Institutions (cumulative US\$ million equivalent) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0US\$ million	0.63 US\$ million	0.88 US\$ million	8.5US\$ million
Date	01-Jan-2015	15-Apr-2020	12-Nov-2020	31-Dec-2021

Institutional Strengthening and Impacts Monitoring				
► Completion of the baseline survey report for ERT-3 (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	12-Feb-2019	15-Apr-2020	12-Nov-2020	31-Dec-2021
Comments:	This indicator will measure the establishment of a baseline for the impact measurement under ERT-3			
► Increase in certified wiremen for household connections (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	350.00	350.00	2,300.00
Date	12-Feb-2019	15-Apr-2020	12-Nov-2020	31-Dec-2021

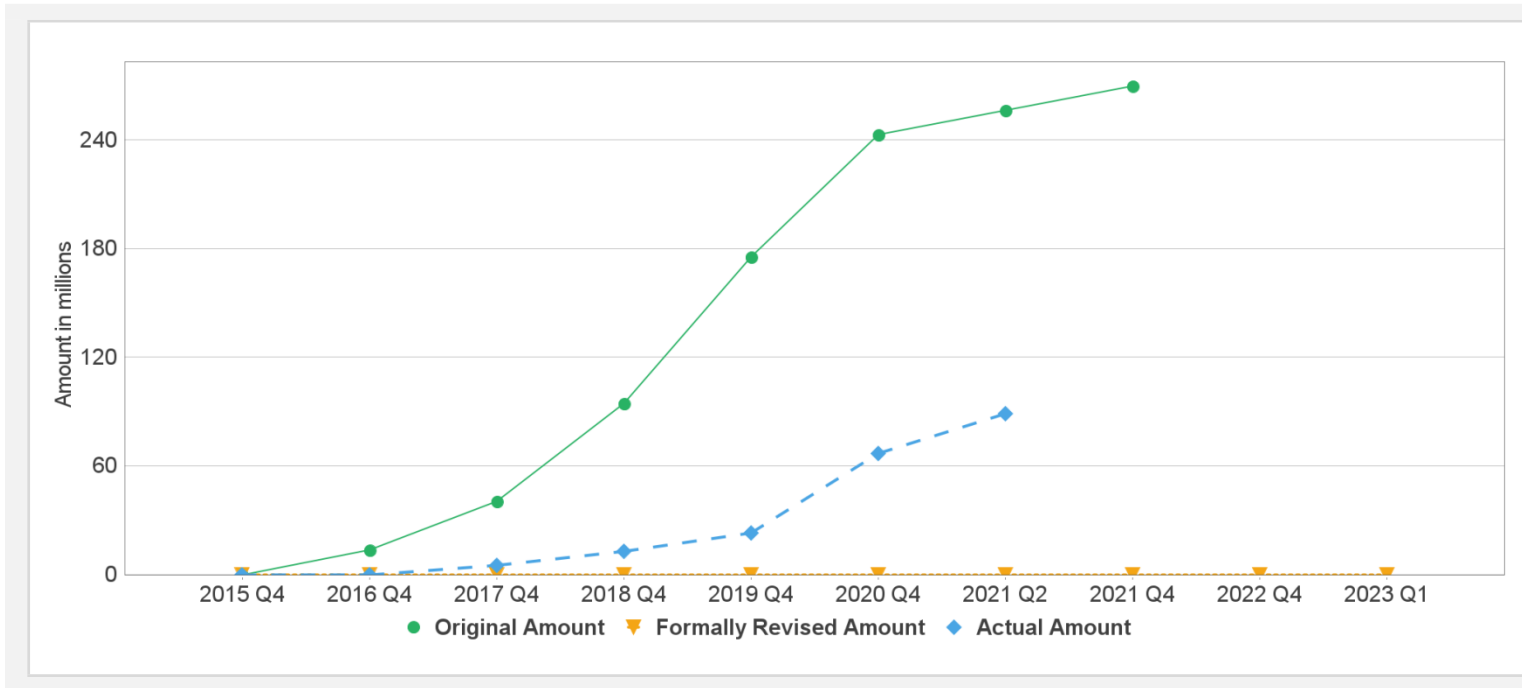
**Performance-Based Conditions****Data on Financial Performance****Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133312	IDA-56530	Effective	USD	135.00	135.00	0.00	81.33	55.85	 59%
P146876	TF-A0294	Effective	USD	8.20	8.20	0.00	7.53	0.67	 92%
P159112	TF-A4118	Effective	USD	4.99	4.99	0.00	0.00	4.99	 0%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133312	IDA-56530	Effective	05-Jun-2015	16-Dec-2015	31-Mar-2016	31-Dec-2020	31-Dec-2021
P146876	TF-A0294	Effective	05-Jun-2015	16-Dec-2015	31-Mar-2016	31-Dec-2020	31-Dec-2021
P159112	TF-A4118	Effective	30-Dec-2016	30-Dec-2016	30-Dec-2016	31-Oct-2025	31-Oct-2025

**Cumulative Disbursements**



### Restructuring History

Level 2 Approved on 12-Jun-2020

### Related Project(s)

P146876-UG GEF Energy for Rural Transformation III ,P159112-Uganda Rural Electrification