



Sierra Leone Energy Sector Utility Reform Project (P120304)

AFRICA | Sierra Leone | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 11 | ARCHIVED on 13-Jun-2019 | ISR37171 |

Implementing Agencies: Ministry of Finance and Economic Development, Government of Sierra Leone, Ministry of Energy, Electricity Distribution and Supply Authority (EDSA), Government of Sierra Leone

Key Dates

Key Project Dates

Bank Approval Date: 18-Dec-2013	Effectiveness Date: 15-Dec-2014
Planned Mid Term Review Date: 13-Jun-2016	Actual Mid-Term Review Date: 16-Sep-2016
Original Closing Date: 31-Dec-2018	Revised Closing Date: 31-Dec-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to improve the operational performance of the national electricity distribution utility.

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

No

Components

Name

Component 1: Distribution Utility Capacity Enhancement and Performance Improvement:(Cost \$18.00 M)
Component 2: Improvement of Electricity Supply in Urban Areas:(Cost \$65.00 M)
Component 3: Sector Planning Assistance, Project Implementation Support and Monitoring and Evaluation:(Cost \$8.00 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial

Implementation Status and Key Decisions

The Management Contractor which is responsible for the operation and management of EDSA has been on Board for about 30 months. The MC has implemented measures that would lead to further reduction in losses, increase the collection rate, improve distribution system reliability and improve other indicators of EDSA's operational performance. Progresses have been made over many indicators, some more and some less. The two contracts for the Freetown Distribution Network Rehabilitation are all under implementation. All activities under the two contracts are expected to be completed between April and July of 2020. The focus is now to enhance the capacity of EDSA and MOE for implementation monitoring and evaluation to ensure the timely and satisfactory completion of the investment activities and enhance the capacity of EDSA and MOE to further improve and sustain the operational performance of EDSA beyond the project.

An additional financing of SDR 36.1 million (US\$50) was approved by the Board to scale up the project activities and impact on May 17, 2019. Preparation of procurement activities for all packages are underway.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Improve Operational Performance of EDSA				
▶ Aggregate Technical, Commercial and Collection (ATC&C) Losses of EDSA (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	51.00	36.00	46.00	30.00
Date	30-Dec-2016	30-Nov-2017	31-Dec-2018	30-Dec-2022
Comments:	When the Management Contractor (MC) came on Board in November 2016, there were not data for the baseline. Then the MC collected the data for the three months of November 2017-January 2018 as the baseline, it was agreed that the actual system loss was about 40%. The 34% is the average of the last three data are available (May-July).			
▶ Average duration of outages per year at the MV level in the project area (Hours, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	117.00	10.00	61.50	45.00
Date	30-Dec-2016	30-Nov-2017	10-Oct-2018	30-Dec-2022
Comments:	When the Management Contractor (MC) came on Board in November 2016, there were no data for the baseline. Then the MC collected the data for the three months of November 2017-January 2018 as the baseline, it was agreed that the outage time was 117 hours per year (SAIDI). The baseline is changed to this number. The current value was derived by using the most recent three months data are available.			
►Average interruption frequency per year at the MV level in the project area (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	35.00	183.00	27.00	18.00
Date	30-Dec-2016	30-Nov-2017	31-Dec-2018	30-Dec-2022
Comments:	When the Management Contractor (MC) came on Board in November 2016, there were no data for the baseline. Then the MC collected the data for the three months of November 2017-January 2018 as the baseline, it was agreed that the interruption frequency was 35 time per year (SAIDI). The baseline is changed to this number. The current value was derived by using the most recent three months data are available.			
►The distribution capacity of the 33 kv and 11 kV network increased (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	75.00	--	75.00	130.00
Date	30-Nov-2016	--	12-Mar-2019	30-Dec-2022
►People provided with new or improved electricity service (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	286,000.00	625,480.00
Date	30-Nov-2016	--	11-Apr-2019	30-Dec-2022
▲People provided with new or improved electricity service - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	145,860.00	318,995.00

Overall Comments

This is the same indicator, but re-selected as corporate indicator rather than customer indicator

Intermediate Results Indicators by Components

Component 1: Distribution Utility Capacity Enhancement and Performance Improvement



▶ Contractor for utility operation and management appointed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	01-Aug-2013	30-Nov-2017	29-Jun-2018	31-Aug-2020
▶ New Management Information System (MIS) installed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	--	No	Yes
Date	31-Jan-2019	--	31-Dec-2018	30-Jun-2021

Component 2: Improvement of Electricity Supply in Urban Areas				
▶ Substations constructed and rehabilitated under the Project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10.00
Date	01-Aug-2013	30-Nov-2017	29-Jun-2018	30-Dec-2022
▶ Distribution lines (33kV, 11kV and LV) constructed or rehabilitated under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	600.00
Date	01-Aug-2013	30-Nov-2017	29-Jun-2018	30-Dec-2022
▲ Distribution lines rehabilitated under the project (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	350.00
Date	01-Aug-2013	30-Nov-2017	29-Jun-2018	30-Dec-2022
▶ Energy Meters Replaced and Installed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	50,000.00
Date	20-May-2019	--	20-May-2019	30-Dec-2022

Component 3: Sector Planning Assistance, Project Implementation Support and Monitoring and Evaluation				
▶ Reports of Contractor's performance submitted every year to the Steering Committee (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	2.00
Date	01-Aug-2013	15-Dec-2017	29-Jun-2018	31-Aug-2020
►Grievances resolved within the stipulated period of time (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	90.00
Date	20-May-2019	--	20-May-2019	30-Dec-2022
►Beneficiary feedback surveys undertaken (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	6.00
Date	20-May-2019	--	20-May-2019	30-Dec-2022
►Number of Staff Trained (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	50.00
Date	31-Dec-2014	--	12-Mar-2019	30-Dec-2022

Data on Financial Performance

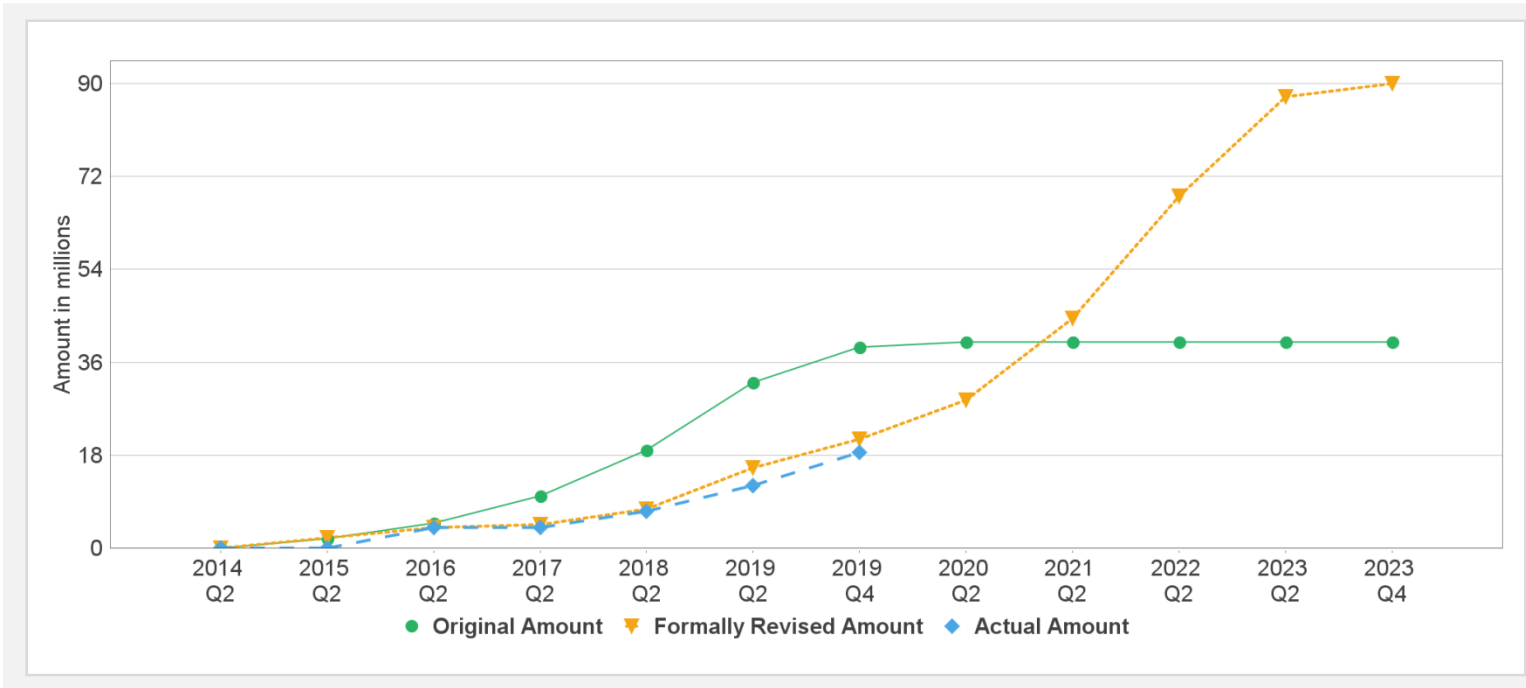
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P120304	IDA-53330	Effective	USD	40.00	40.00	0.00	18.56	17.80	51%
P120304	IDA-64110	Not Effective	USD	50.00	50.00	0.00	0.00	49.78	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P120304	IDA-53330	Effective	18-Dec-2013	17-Jan-2014	15-Dec-2014	31-Dec-2018	31-Aug-2020
P120304	IDA-64110	Not Effective	17-May-2019	--	--	31-Dec-2022	31-Dec-2022

Cumulative Disbursements



Restructuring History

Level 2 Approved on 07-Apr-2015 ,Level 2 Approved on 22-Jun-2017

Related Project(s)

P166390-Sierra Leone Energy Sector Utility Reform Project Additional Financing