



## Electricity Transmission and Reform Project (P152755)

WESTERN AND CENTRAL AFRICA | Cameroon | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 13 | ARCHIVED on 27-Jul-2023 | ISR57366 |

Implementing Agencies: Republic of Cameroon, Société Nationale de Transport de l'Electricité (SONATREL)

### Key Dates

#### Key Project Dates

Bank Approval Date: 07-Dec-2016

Effectiveness Date: 13-Oct-2017

Planned Mid Term Review Date: 20-Apr-2022

Actual Mid-Term Review Date: 30-May-2022

Original Closing Date: 31-Dec-2022

Revised Closing Date: 30-Nov-2024

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to improve the capacity, efficiency, and reliability of Cameroon's national electricity transmission network.

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

No

### Components Table

Name

Provision of support towards the operationalization of SONATREL's transmission portfolio:(Cost \$30.00 M)

Strengthening of the National Transmission Grid:(Cost \$287.66 M)

Project Management Support and Capacity Building:(Cost \$10.00 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<span style="color: orange;">□</span> Moderately Satisfactory	<span style="color: orange;">□</span> Moderately Satisfactory
Overall Implementation Progress (IP)	<span style="color: orange;">□</span> Moderately Satisfactory	<span style="color: orange;">□</span> Moderately Satisfactory
Overall Risk Rating	<span style="color: orange;">□</span> Substantial	<span style="color: orange;">□</span> Substantial

### Implementation Status and Key Decisions

The implementation of the project has picked up. Virtually all major contracts have been awarded, compensation payments to PAPs for T-line rights of way are under way and physical works are beginning. These should be completed by end-2024.



**Risks**

**Systematic Operations Risk-rating Tool**

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

**Results**

**PDO Indicators by Objectives / Outcomes**

Improve the capacity of Cameroon's national electricity transmission network				
► Increase in transmission network wheeling capacity (MW) (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	500.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
Comments:	intermediate indicators for next 2 years will be added			

Improve the efficiency of Cameroon's national electricity transmission network				
► Reduction in transmission network losses (percent) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	6.00	5.20	5.20	2.50
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
Comments:	to be revised at the time of project restructuring in sept 2022			



Improve the reliability of Cameroon's national electricity transmission network				
► Reduction in the hours of power outages that are linked to malfunctions in the transmission system / improvement of transmission system stability - System Average Interruption Duration Index, SAIDI (Hours, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	49.00	49.00	49.00	20.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
Comments:	to be updated by Sonatrel			

### Intermediate Results Indicators by Components

Provision of support towards the operationalization of SONATREL's transmission activities				
► Full accounting and legal separation of ENEO's transmission assets from the holding and their subsequent transfer to SONATREL (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	SONATREL opening balance sheet available and validated	Transfer of assets and human resources completed	Annual audit reports prepared and validated	Accounts audit report for the year prepared and validated
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
► Completion of SONATREL's organogram, revenue model, and business plan. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Organization chart and financial model developed and validated	Business plan to be updated by SONATREL to a revised one for implementation.	Business plan to be updated by SONATREL to a revised one for implementation.	Business plan implemented fully
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
Comments:	An organogram and business plan have been completed by Sonatrel. The regulator ARSEL has proposed a tariff structure for Sonatrel based on a revenue mechanism developed by ARSEL.			
► Reform roadmap fully implemented - including new regulatory framework in place (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N/A	Transfer of assets and human resources completed. Validated market and connection codes	80% of network access contracts signed between SONATREL and customers	SONATREL fully operational
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024



Strengthening of the National Transmission Grid				
<b>▶ Number of works contracts signed (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	10.00	11.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>▶ Number of work contracts executed (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	11.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>▶ Transmission lines constructed under the project (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	455.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>☐ Construction of 400 kV transmission lines (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	164.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>☐ Construction of 225 kV transmission lines (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	265.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>☐ Construction of 90 kV transmission lines (Kilometers, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	26.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>▶ Number of three-phase transformers installed (Number, Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	7.00	12.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>► Additional transformer capacity in the network (Kilovolt-Amphere(KVA), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	840,000.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>► Upgrade of SCADA (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N/A	Contract under implementation and executed at 10%	Contract under implementation and executed at 10%	SCADA RIS and RIN operational
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>► Number of people compensated (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,540.00	3,500.00	5,000.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
<b>► Project-related grievances registered under the project GRM addressed (within 1 month) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	84.00	46.00	100.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024
Comments:	Majority of the project related grievances are linked to compensation.			
<b>► Victims of GBV/SEA taken into care (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024

Project Management Support and Capacity Building



► Number of staff trained (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	102.00	102.00	1,258.00
Date	07-Dec-2016	19-Dec-2022	17-Jul-2023	30-Nov-2024

Performance-Based Conditions

Data on Financial Performance

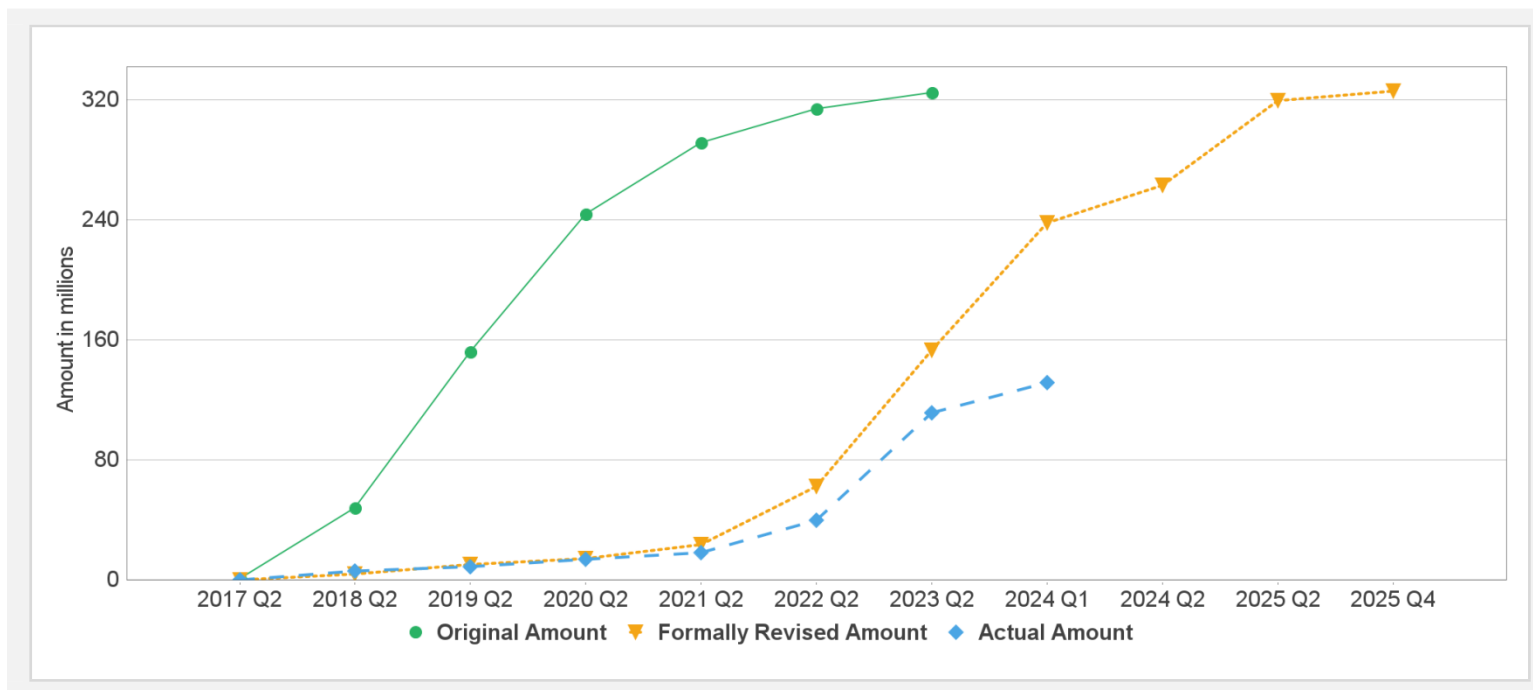
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P152755	IBRD-86580	Effective	USD	325.00	325.00	0.00	131.39	190.36	41%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P152755	IBRD-86580	Effective	07-Dec-2016	07-Jun-2017	13-Oct-2017	31-Dec-2022	30-Nov-2024

Cumulative Disbursements





### **Restructuring History**

Level 2 Approved on 02-Apr-2021 ,Level 2 Approved on 12-Oct-2022

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

There are no related projects.

---