



Electricity Transmission and Reform Project (P152755)

AFRICA WEST | Cameroon | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 10 | ARCHIVED on 12-Apr-2022 | ISR50628 |

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

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:

Original Closing Date: 31-Dec-2022

Revised Closing Date: 31-Dec-2022

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 | □ Moderately Unsatisfactory | □ Moderately Unsatisfactory |
| Overall Implementation Progress (IP) | □ Moderately Unsatisfactory | □ Moderately Unsatisfactory |
| Overall Risk Rating | □ Substantial | □ Substantial |

Implementation Status and Key Decisions

The implementation of the project continues to be slow, with a total disbursement rate of only 12.2 %, over four years after effectiveness of the loan in October 2017. This is due mainly to insufficient pre-Board preparation, slow procurement processes and delays in arranging financing for compensation payments to PAPs. However, virtually all major contracts have been awarded and physical works are beginning. SONATREL is operational but still faces financial difficulties linked to the overall situation in the energy sector.



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 | □ Substantial | □ Substantial |
| Technical Design of Project or Program | □ Moderate | □ Low | □ Low |
| Institutional Capacity for Implementation and Sustainability | □ Substantial | □ Substantial | □ Substantial |
| Fiduciary | □ Substantial | □ Substantial | □ Substantial |
| Environment and Social | □ High | □ High | □ High |
| Stakeholders | □ Substantial | □ Substantial | □ Substantial |
| 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 | 850.00 |
| Date | 07-Dec-2016 | 26-Aug-2021 | 30-Mar-2022 | 31-Dec-2022 |
| ▶ Direct project beneficiaries (Number, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 7,000,000.00 |
| Date | 07-Dec-2016 | 26-Aug-2021 | 30-Mar-2022 | 31-Dec-2022 |
| □ Female beneficiaries (Percentage, Custom Supplement) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 52.00 |



| 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 | 0.00 | 0.00 | 4.00 |
| Date | 07-Dec-2016 | 26-Aug-2021 | 30-Mar-2022 | 31-Dec-2022 |
| ► Reform roadmap fully implemented - including new regulatory framework in place (Text, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | No | No | No | SONATREL fully operational |
| Date | 07-Dec-2016 | 26-Aug-2021 | 30-Mar-2022 | 31-Dec-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 | 0.00 | 0.00 | 15.00 |
| Date | 07-Dec-2016 | 26-Aug-2021 | 30-Mar-2022 | 31-Dec-2022 |

Overall Comments

Relevance of indicators and appropriate numerical values to be reviewed/modified during the upcoming MTR

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 (Yes/No, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | No | No | No | Yes |
| Date | 07-Dec-2016 | 26-Aug-2021 | 30-Mar-2022 | 31-Dec-2022 |
| ► Completion of SONATREL's organogram, revenue model, and business plan. (Yes/No, Custom) | | | | |



| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-----------|--|-------------------|------------------|-------------|
| Value | No | Yes | Yes | Yes |
| Date | 07-Dec-2016 | 26-Aug-2021 | 30-Mar-2022 | 31-Dec-2022 |
| 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. | | | |

► Transmission lines constructed under the project (Kilometers, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | 0.00 | 0.00 | 650.00 |
| Date | 07-Dec-2016 | 26-Aug-2021 | 30-Mar-2022 | 31-Dec-2022 |

Strengthening of the National Transmission Grid

► Completion and approval of a grid code (Yes/No, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | No | No | No | Yes |
| Date | 07-Dec-2016 | 26-Aug-2021 | 26-Aug-2021 | 31-Dec-2022 |

► Upgrade of the Southern grid SCADA completed (Yes/No, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | No | No | No | Yes |
| Date | 07-Dec-2016 | 26-Aug-2021 | 26-Aug-2021 | 31-Dec-2022 |

► Northern grid SCADA installed and operational (Yes/No, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | No | No | No | Yes |
| Date | 07-Dec-2016 | 26-Aug-2021 | 26-Aug-2021 | 31-Dec-2022 |

Project Management Support and Capacity Building

► Assistant Project Manager performing adequately (works contractors recruited and completion of works on schedule) (Yes/No, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|----------|-------------------|------------------|------------|
| Value | No | No | No | Yes |



| | | | | |
|--|---|-------------------|------------------|-------------|
| Date | 07-Dec-2016 | 26-Aug-2021 | 26-Aug-2021 | 31-Dec-2022 |
| Comments: | There has been significant slippage in contract award and start of work | | | |
| ▶ Project-related grievances registered under the project GRM addressed (percent) (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 30.00 | 30.00 | 95.00 |
| Date | 07-Dec-2016 | 26-Aug-2021 | 26-Aug-2021 | 31-Dec-2022 |

Performance-Based Conditions

Data on Financial Performance

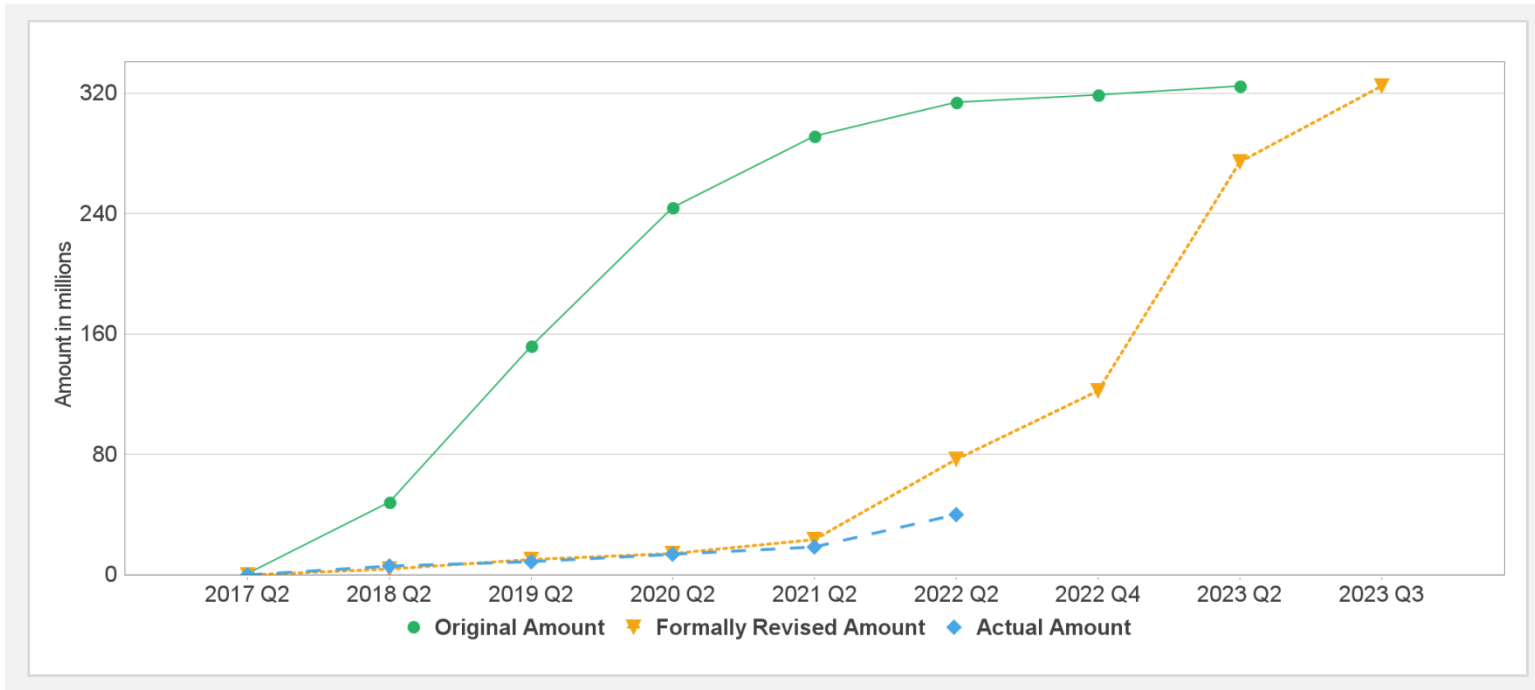
Disbursements (by loan)

| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | % Disbursed |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|-------------|
| P152755 | IBRD-86580 | Effective | USD | 325.00 | 325.00 | 0.00 | 42.09 | 284.73 | 13% |

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 | 31-Dec-2022 |

Cumulative Disbursements



Restructuring History

Level 2 Approved on 02-Apr-2021

Related Project(s)

There are no related projects.