Sierra Leone Energy Access Project - Sierra Leone Infrastructure Development Fund (P126180)

**Key Dates**

**Key Project Dates**

- Bank Approval Date: 31-Jan-2013
- Planned Mid Term Review Date: 30-Jun-2016
- Original Closing Date: 31-Oct-2015

- Effectiveness Date: 18-Sep-2013
- Actual Mid-Term Review Date: --
- Revised Closing Date: 30-Apr-2017

**Project Development Objectives**

**Project Development Objective (from Project Appraisal Document)**

The Project Development Objective are to: (i) reduce losses in electricity supply in Freetown Capital Western Area; (ii) improve commercial performance of the National Power Authority; and (iii) increase access to electricity in selected rural areas.

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

Yes

**Board Approved Revised Project Development Objective (If project is formally restructured)**

The proposed new PDO is to reduce losses in electricity supply in Freetown Capital Western Area and to improve commercial performance of the Electricity Distribution and Supply Authority (EDSA).

**Components**

- Rehabilitation of Primary Distribution Network, Loss Reduction and Improvement of EDSA’s Operational and Commercial Performance: (Cost $13.88 M)
- Project Implementation Management: (Cost $2.12 M)

**Overall Ratings**

<table>
<thead>
<tr>
<th>Name</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress towards achievement of PDO</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Overall Implementation Progress (IP)</td>
<td>Moderately Satisfactory</td>
<td>Moderately Satisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td>High</td>
<td>High</td>
</tr>
</tbody>
</table>
Implementation Status and Key Decisions

The project became effective on 18 September 2013. A project management unit (PMU) has been established and is fully staffed with a project coordinator, procurement specialist, safeguards specialist, financial management specialist, supervision engineer, communications expert and two assistants. A Project Director has been appointed by the GoSL to oversee and guide the implementation of the project. The PMU reports to a steering committee.

The Ebola outbreak in Sierra Leone has caused significant delays in project implementation. With Sierra Leone being declared Ebola free and restructuring completed in October 2015 the pace of implementation is improving. The status of the project components are as follows:

Component 1: Rehabilitation of the primary network, loss reduction and improvement of NPA's Operational and commercial performance. The contract for 20,000 pre-pay meters has been completed. The design phase of the Freetown upgrade contract is near completion and civil works is expected to commence in July 2016. The supply and installation of statistical meters is ongoing.

Component 2: Rural electrification: Deleted from the project scope as part of the October 2015 Project restructuring, as agreed with DFID, the Project funder.

Component 3: Project implementation management: The PMU is fully staffed and operational.
## Risks

### Systematic Operations Risk-rating Tool

<table>
<thead>
<tr>
<th>Risk Category</th>
<th>Rating at Approval</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political and Governance</td>
<td>--</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Macroeconomic</td>
<td>--</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Sector Strategies and Policies</td>
<td>--</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Technical Design of Project or Program</td>
<td>--</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Institutional Capacity for Implementation and Sustainability</td>
<td>--</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Fiduciary</td>
<td>--</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Environment and Social</td>
<td>--</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>--</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
<tr>
<td>Other</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Overall</td>
<td>--</td>
<td>High</td>
<td>High</td>
</tr>
</tbody>
</table>

## Results

### Project Development Objective Indicators
### Collection rate by EDSA (Percentage, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td>76.00</td>
<td>76.00</td>
<td>82.00</td>
<td>86.00</td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td>03-Sep-2012</td>
<td>08-Jan-2015</td>
<td>31-Mar-2016</td>
<td>30-Apr-2017</td>
</tr>
</tbody>
</table>

### Direct project beneficiaries (Number, Core)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td>0.00</td>
<td>0.00</td>
<td>112000.00</td>
<td>624000.00</td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td>03-Sep-2012</td>
<td>14-Jul-2015</td>
<td>31-Mar-2016</td>
<td>30-Apr-2017</td>
</tr>
</tbody>
</table>

**Comments**

Project Beneficiaries by March 30, 2016 are estimated based on the number of customers that received new prepay meters (20,000) times the estimated average household size (5.6)

### Female beneficiaries (Percentage, Core Supplement)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td>0.00</td>
<td>0.00</td>
<td>51.00</td>
<td>51.00</td>
</tr>
</tbody>
</table>

### Electricity losses per year in the project area (Percentage, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td>38.00</td>
<td>38.00</td>
<td>38.00</td>
<td>33.00</td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td>03-Sep-2012</td>
<td>14-Jul-2015</td>
<td>31-Mar-2016</td>
<td>30-Apr-2017</td>
</tr>
</tbody>
</table>

**Overall Comments**
## Intermediate Results Indicators

**Substations rehabilitated under the project (Number, Custom)**

<table>
<thead>
<tr>
<th>Value</th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>4.00</td>
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<table>
<thead>
<tr>
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<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
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</thead>
<tbody>
<tr>
<td>03-Sep-2012</td>
<td>14-Jul-2015</td>
<td>31-Mar-2016</td>
<td>30-Apr-2017</td>
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</tr>
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</table>

**Pre-paid meters installed under the project (Number, Custom)**

<table>
<thead>
<tr>
<th>Value</th>
<th>Baseline</th>
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<th>Actual (Current)</th>
<th>End Target</th>
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</thead>
<tbody>
<tr>
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<td>20000.00</td>
<td>20000.00</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Date</th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
</table>

**Staff recruited at the Project Management Unit (PMU) under the Project (Number, Custom)**

<table>
<thead>
<tr>
<th>Value</th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>8.00</td>
<td>8.00</td>
<td>4.00</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>03-Sep-2012</td>
<td>14-Jul-2015</td>
<td>31-Mar-2016</td>
<td>30-Apr-2017</td>
<td></td>
</tr>
</tbody>
</table>

**Statistical meters installed under the project (Number, Custom)**

<table>
<thead>
<tr>
<th>Value</th>
<th>Baseline</th>
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<th>Actual (Current)</th>
<th>End Target</th>
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</thead>
<tbody>
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<td>0.00</td>
<td>200.00</td>
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<table>
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<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>03-Sep-2012</td>
<td>08-Jan-2014</td>
<td>31-Mar-2016</td>
<td>30-Apr-2017</td>
<td></td>
</tr>
</tbody>
</table>
The World Bank
Implementation Status & Results Report
Sierra Leone Energy Access Project - Sierra Leone Infrastructure Development Fund (P126180)

Distribution lines constructed or rehabilitated under the project (Kilometers, Core)

<table>
<thead>
<tr>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
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<td>0.00</td>
<td>7.50</td>
</tr>
<tr>
<td>Date</td>
<td>03-Sep-2012</td>
<td>14-Jul-2015</td>
<td>31-Mar-2016</td>
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</table>

Distribution lines rehabilitated under the project (Kilometers, Core Breakdown)

<table>
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<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>0.00</td>
<td>7.50</td>
</tr>
<tr>
<td>Date</td>
<td>03-Sep-2012</td>
<td>14-Jul-2015</td>
<td>31-Mar-2016</td>
</tr>
</tbody>
</table>

Overall Comments

Data on Financial Performance

Disbursements (by loan)

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan/Credit/TF</th>
<th>Status</th>
<th>Currency</th>
<th>Original</th>
<th>Revised</th>
<th>Cancelled</th>
<th>Disbursed</th>
<th>Undisbursed</th>
<th>Disbursed</th>
</tr>
</thead>
<tbody>
<tr>
<td>P126180</td>
<td>TF-13246</td>
<td>Effective</td>
<td>USD</td>
<td>16.00</td>
<td>16.00</td>
<td>0.00</td>
<td>7.81</td>
<td>8.19</td>
<td>49%</td>
</tr>
</tbody>
</table>

Key Dates (by loan)

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan/Credit/TF</th>
<th>Status</th>
<th>Approval Date</th>
<th>Signing Date</th>
<th>Effectiveness Date</th>
<th>Orig. Closing Date</th>
<th>Rev. Closing Date</th>
</tr>
</thead>
</table>

Cumulative Disbursements
Restructuring History

Level 1 Approved on 29-Oct-2015

Related Project(s)

There are no related projects.