### Energy Service Improvement Project (P161015)

#### Key Dates

<table>
<thead>
<tr>
<th>Key Project Dates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bank Approval Date: 23-Jun-2017</td>
<td>Effectiveness Date: 12-Feb-2018</td>
</tr>
<tr>
<td>Planned Mid Term Review Date: 23-Jun-2020</td>
<td>Actual Mid-Term Review Date: --</td>
</tr>
<tr>
<td>Original Closing Date: 31-Dec-2023</td>
<td>Revised Closing Date: 31-Dec-2023</td>
</tr>
</tbody>
</table>

#### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to improve SBEE’s operational performance; expand electricity access in targeted areas; and promote community-based management of forest resources.

Has the Project Development Objective been changed since Board Approval of the Project Objective? No

#### Components

<table>
<thead>
<tr>
<th>Name</th>
<th>Cost (M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component 1: Improvement of SBEE’s Commercial Performance</td>
<td>$10.00 M</td>
</tr>
<tr>
<td>Component 2: Distribution Network Strengthening in Targeted Areas</td>
<td>$40.00 M</td>
</tr>
<tr>
<td>Component 3: Community-Based Management of Wood Fuels</td>
<td>$5.00 M</td>
</tr>
<tr>
<td>Component 4 : Sector Development and Implementation Support</td>
<td>$5.00 M</td>
</tr>
</tbody>
</table>

#### 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>Satisfactory</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
</tbody>
</table>
Implementation Status and Key Decisions

The project was approved by the Board on June 23, 2017 and became effective on February 12, 2018 with three months of delay. The implementation of the project was launched during the Bank mission held from 05 to 09 March 2018.

The project is in process of fulfilling the conditions stated in the Financing Agreement (FA) which are: (i) the hiring of Consultants to support the PIU, (ii) the hiring of an internal auditor, and (iii) the updating of the Project Operations Manual (POM).

The Bank and the PIU have agreed on the priority activities to be launched during CY2018 and have accelerated their implementation. They include: (i) the procurement of 75,000 prepayment meters; (ii) the procurement of accessories necessary for the installation of the prepayment meters; (iii) the procurement and installation of 8000 Light Emitting Diodes (LEDs) for public lighting.

The preparation of the Management Improvement Plan (MIP) for SBEE has also started to improve the commercial performance of the distribution utility. The MIP includes the implementation of a Revenue Protection Program through the installation of smart meters at SBEE’s large consumers premises, establishment of a metering control center, acquisition and installation of management information systems software (such as an outage management system and a geographic information system); the installation of a call center for handling complaints; the re-engineering of processes to increase efficiency; and the updating of customer data base.

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>Moderate</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Macroeconomic</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Sector Strategies and Policies</td>
<td>Substantial</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
<tr>
<td>Technical Design of Project or Program</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Institutional Capacity for Implementation and Sustainability</td>
<td>Substantial</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
<tr>
<td>Fiduciary</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Environment and Social</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>Substantial</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
<tr>
<td>Other</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Overall</td>
<td>Substantial</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
</tbody>
</table>

Results

Project Development Objective Indicators

<table>
<thead>
<tr>
<th>Reduction of losses (%) (Percentage, Custom)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline</td>
</tr>
<tr>
<td>---------</td>
</tr>
<tr>
<td>Value</td>
</tr>
<tr>
<td>Date</td>
</tr>
<tr>
<td>-----------------------</td>
</tr>
</tbody>
</table>

### People provided with new or improved electricity service (number) (Corporate Results Indicator) (Number, Custom)

<table>
<thead>
<tr>
<th>Date</th>
<th>06-Mar-2017</th>
<th>--</th>
<th>04-May-2018</th>
<th>30-Dec-2022</th>
</tr>
</thead>
</table>

### Increased revenues from targeted high-consuming customers (%) (Percentage, Custom)

<table>
<thead>
<tr>
<th>Date</th>
<th>06-Mar-2017</th>
<th>--</th>
<th>04-May-2018</th>
<th>30-Dec-2022</th>
</tr>
</thead>
</table>

### Hectares of forest covered by community-based forest management plans (number) (Hectare(Ha), Custom)

<table>
<thead>
<tr>
<th>Date</th>
<th>23-Jun-2017</th>
<th>--</th>
<th>04-May-2018</th>
<th>30-Dec-2022</th>
</tr>
</thead>
</table>

**Overall Comments**

**Intermediate Results Indicators**
### Management Improvement Plan (MIP) developed and approved and implemented (Text, 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>Value</td>
<td>No MIP</td>
<td>--</td>
<td>no MIP</td>
<td>MIP developed and implemented</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

### Average duration of power outages per year in HV/MV substations rehabilitated by the project (hours) (Text, 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>Value</td>
<td>TBD</td>
<td>--</td>
<td>TBD</td>
<td>50% of reduction is targeted</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

### Implementation of a revenue protection program (RPP) (Text, 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>Value</td>
<td>No RPF</td>
<td>--</td>
<td>no RPF</td>
<td>RPF is implemented</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>10-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

### Call Center installed and running at SBEE (Text, 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>Value</td>
<td>No Call Center</td>
<td>--</td>
<td>No Call Center</td>
<td>SBEE possesses and runs a call center</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>10-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>
### SBEE customer satisfaction survey conducted and report by SBEE on how to address customers’ feedback (Text, 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>Customer satisfaction survey conducted at project closure year</td>
<td>No Survey</td>
<td>--</td>
<td>No Survey</td>
<td>Customer satisfaction survey conducted at project closure year</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>10-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

### People provided with access to electricity services under the project by household connections (grid or off-grid). (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>People provided with access to electricity services</td>
<td>0.00</td>
<td>--</td>
<td>0.00</td>
<td>10,000.00</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

### Households provided with improved electricity connection (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>Households provided with improved electricity connection</td>
<td>0.00</td>
<td>--</td>
<td>0.00</td>
<td>15,000.00</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

### Female-headed households provided with new or improved electricity connection (Percentage, 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>Female-headed households provided with new or improved electricity connection</td>
<td>0.00</td>
<td>--</td>
<td>0.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
<tr>
<td>▶ Prepaid meters installed in targeted project areas (Number, Custom)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Baseline</td>
<td>Actual (Previous)</td>
<td>Actual (Current)</td>
<td>End Target</td>
</tr>
<tr>
<td>Value</td>
<td>0.00</td>
<td>--</td>
<td>0.00</td>
<td>50,000.00</td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>▶ Average annual voltage supplied to households in rehabilitated areas (Volts, Custom)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Value</td>
</tr>
<tr>
<td>Date</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>▶ HV/MV stations rehabilitated by the project (Number, Custom)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Value</td>
</tr>
<tr>
<td>Date</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>▶ MV/LV sub-stations installed in the project areas (Number, Custom)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Value</td>
</tr>
<tr>
<td>Date</td>
</tr>
</tbody>
</table>
New forest management plans developed in the municipalities of Djougou, N'Dali and Pèrèrè (Yes/No, 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>N</td>
<td>--</td>
<td>N</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

Support to income generating activities (Text, 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>No support</td>
<td>--</td>
<td>No Support</td>
<td>8 honey production centers; 8 water boreholes; 800 bee hives constructed; and 280 trained beekeepers</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

Increased revenues from beneficiaries of income generating activities funded by the project (Percentage, 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>30.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

Investment prospectus for access scale up developed (Text, 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>No investment prospectus</td>
<td>--</td>
<td>No Investment Prospectus</td>
<td>Donors conference on investment prospectus done</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>
Institutional strengthening study conducted and capacity building plan implemented

<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>A former outdated study is available</td>
<td>--</td>
<td>Capacity building plan is not yet implemented</td>
<td>Capacity building plan is fully implemented</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</td>
</tr>
</tbody>
</table>

Staff trained through the project

<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>--</td>
<td>0.00</td>
<td>100.00</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>06-Mar-2017</td>
<td>--</td>
<td>04-May-2018</td>
<td>30-Dec-2022</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>P161015</td>
<td>IDA-61050</td>
<td>Effective</td>
<td>USD</td>
<td>60.00</td>
<td>60.00</td>
<td>0.00</td>
<td>0.17</td>
<td>67.50</td>
<td>0.3%</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

There has been no restructuring to date.

Related Project(s)

There are no related projects.