Gambia Electricity Restoration and Modernization Project (P163568)

AFRICA | Gambia, The | Energy & Extractives Global Practice | IBRD/IDA | Investment Project Financing | FY 2018 | Seq No: 1 | ARCHIVED on 30-Aug-2018 | ISR33757 |

Implementing Agencies: National Water and Electricity Company NAWEC, Ministry of Finance and Economic Affairs

Key Dates

**Key Project Dates**

- Bank Approval Date: 18-May-2018
- Planned Mid Term Review Date: 17-Dec-2021
- Original Closing Date: --
- Effectiveness Date: --
- Actual Mid-Term Review Date: --
- Revised Closing Date: 31-Dec-2023

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The Project Development Objectives are to (i) improve the operational performance of the Project Implementing Entity; and (ii) improve the capacity of the Project Implementing Entity to dispatch variable renewable electricity.

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

No

**Components**

- On-grid solar PV with storage:(Cost $28.40 M)
- Transmission and distribution (T&D) restoration and modernization:(Cost $77.30 M)
- Urgent institutional support for sector turnaround:(Cost $15.80 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>--</td>
<td>● Satisfactory</td>
</tr>
<tr>
<td>Overall Implementation Progress (IP)</td>
<td>--</td>
<td>● Satisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td>--</td>
<td>● High</td>
</tr>
</tbody>
</table>

**Implementation Status and Key Decisions**

The GERMP was approved on May 15, 2018. Legal agreements were signed on May 22, 2018. The project is not yet effective. The government is working to ensure that the effectiveness conditions are met in order to declare the project effective. Activities financed through the Project Preparation Advance - including feasibility studies for the solar plant and transmission line - are well advanced.
## 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>High</td>
<td>--</td>
<td>High</td>
</tr>
<tr>
<td>Macroeconomic</td>
<td>High</td>
<td>--</td>
<td>High</td>
</tr>
<tr>
<td>Sector Strategies and Policies</td>
<td>Substantial</td>
<td>--</td>
<td>Substantial</td>
</tr>
<tr>
<td>Technical Design of Project or Program</td>
<td>Substantial</td>
<td>--</td>
<td>Substantial</td>
</tr>
<tr>
<td>Institutional Capacity for Implementation and Sustainability</td>
<td>High</td>
<td>--</td>
<td>High</td>
</tr>
<tr>
<td>Fiduciary</td>
<td>Substantial</td>
<td>--</td>
<td>Substantial</td>
</tr>
<tr>
<td>Environment and Social</td>
<td>Moderate</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>Moderate</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Other</td>
<td>Moderate</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Overall</td>
<td>High</td>
<td>--</td>
<td>High</td>
</tr>
</tbody>
</table>

## Results

### PDO Indicators by Objectives / Outcomes

**Improve the operational performance of the Project Implementing Entity**

### Transmission and Distribution losses in the Greater Banjul Area (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>22.00</td>
<td>15-Dec-2017</td>
<td>--</td>
<td>22.00</td>
<td>20.50</td>
</tr>
</tbody>
</table>

### Technical distribution losses (Percentage, Custom Breakdown)

<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>14.00</td>
<td>15-Dec-2017</td>
<td>--</td>
<td>14.00</td>
<td>13.00</td>
</tr>
</tbody>
</table>

### Non-technical distribution losses (Percentage, Custom Breakdown)

<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>8.00</td>
<td>15-Dec-2017</td>
<td>--</td>
<td>8.00</td>
<td>7.50</td>
</tr>
</tbody>
</table>
Power outages in the GBA (Number, 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>536.00</td>
<td>--</td>
<td>536.00</td>
<td>300.00</td>
</tr>
<tr>
<td>Date</td>
<td>15-Dec-2017</td>
<td>--</td>
<td>15-Dec-2017</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

Improve the capacity of the Project Implementing Entity to dispatch variable renewable electricity

Generation dispatched from variable renewable generation (solar) (Gigawatt-hour (GWh), 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>0.00</td>
<td>--</td>
<td>0.00</td>
<td>20.00</td>
</tr>
<tr>
<td>Date</td>
<td>15-Dec-2017</td>
<td>--</td>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

Installation of a SCADA system (Yes/No, 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</td>
<td>--</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Date</td>
<td>15-Dec-2017</td>
<td>--</td>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

Overall Comments

The team has not collected T&D loss data and outage data since the most recent preparation mission - these data will be updated on the next supervision mission.

Intermediate Results Indicators by Components

On-grid Solar PV with storage

Installed solar generation capacity (Megawatt, 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>0.00</td>
<td>--</td>
<td>0.00</td>
<td>20.00</td>
</tr>
<tr>
<td>Date</td>
<td>15-Dec-2017</td>
<td>--</td>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

Transmission & Distribution (T&D) Restoration and Modernization

Transmission lines constructed or rehabilitated (Kilometers, Custom)
<table>
<thead>
<tr>
<th></th>
<th>Value</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission substations constructed or extended (Number, Custom)</td>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
<tr>
<td>Distribution substations constructed or extended (Number, Custom)</td>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
<tr>
<td>Increase in transmission capacity (Kilovolt-Amphere(KVA), Custom)</td>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
<tr>
<td>Number of prepayment meters installed (Number, Custom)</td>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
<tr>
<td>Effective customer call center established and producing gender disaggregated data (Yes/No, Custom)</td>
<td>No</td>
<td>15-Dec-2017</td>
</tr>
<tr>
<td>Percentage of customer call center staff who are female (Percentage, Custom Supplement)</td>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
<tr>
<td>Percentage of grievances processed from total grievance received on the project (Percentage, Custom)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Value</strong></td>
<td><strong>Date</strong></td>
<td><strong>End Target</strong></td>
</tr>
<tr>
<td>-----------</td>
<td>-----------</td>
<td>----------------</td>
</tr>
<tr>
<td>0.00</td>
<td>15-Dec-2017</td>
<td>100.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Date</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>percentage of grievances submitted by female clients that were processed</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Date</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NAWEC have published reports on beneficiary feedback, including gender disaggregated data, and how it has been incorporated into the project</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td>No</td>
<td>15-Dec-2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Date</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Number of staff trained on SCADA disaggregated by gender</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Date</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Number of male</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Date</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Number of female</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td>0.00</td>
<td>15-Dec-2017</td>
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<tbody>
<tr>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Number of gender-sensitive communications campaigns and outreach activities conducted that target women and include separate consultations with women</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td>0.00</td>
<td>15-Dec-2017</td>
</tr>
</tbody>
</table>

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<tr>
<th><strong>Date</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Training on gender and energy provided to staff of the ministry of energy and NAWEC</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td>No</td>
<td>15-Dec-2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Date</strong></th>
<th><strong>End Target</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>14-Aug-2018</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>
### 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>P163568</td>
<td>IDA-D3090</td>
<td>Not Effective</td>
<td>USD</td>
<td>41.00</td>
<td>41.00</td>
<td>0.00</td>
<td>39.90</td>
<td></td>
<td>0%</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>
<tbody>
<tr>
<td>P163568</td>
<td>IDA-D3090</td>
<td>Not Effective</td>
<td>15-May-2018</td>
<td>22-May-2018</td>
<td>--</td>
<td>31-Dec-2023</td>
<td>31-Dec-2023</td>
</tr>
</tbody>
</table>

#### Cumulative Disbursements
Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.