Implementation Status & Results
Uzbekistan
Advanced Electricity Metering Project (P122773)

Operation Name: Advanced Electricity Metering Project (P122773)
Project Stage: Implementation
Seq.No: 2
Status: ARCHIVED
Archive Date: 14-Jul-2013

Country: Uzbekistan
Approval FY: 2012
Region: EUROPE AND CENTRAL ASIA
Lending Instrument: Specific Investment Loan
Implementing Agency(ies):

Key Dates
Board Approval Date 27-Mar-2012
Original Closing Date 30-Jun-2017
Planned Mid Term Review Date 31-Oct-2014
Last Archived ISR Date 22-Dec-2012
Effectiveness Date
Revised Closing Date 30-Jun-2017
Actual Mid Term Review Date

Project Development Objectives
Project Development Objective (from Project Appraisal Document)
The project development objective is to reduce commercial losses of UE’s three regional power distribution companies in Tashkent City, and the Oblasts of Tashkent and Syrdarya by improving their metering and billing infrastructure, and the commercial management system.

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

Component(s)

Component Name                      Component Cost
Advanced Metering Infrastructure (AMI) 214.80
Energy Data Management (EDM) /Billing/ Archive System 21.40
Management Efficiency Improvements and Project Implementation Support 5.90

Overall Ratings
Progress towards achievement of PDO Moderately Unsatisfactory
Overall Implementation Progress (IP) Moderately Unsatisfactory
Overall Risk Rating Substantial

Implementation Status Overview
The Project was approved on March 27, 2012, and the Loan and Project Agreements were signed on April 10, 2013. The Loan effectiveness is expected by mid-July 2013.

Locations
<table>
<thead>
<tr>
<th>Country</th>
<th>First Administrative Division</th>
<th>Location</th>
<th>Planned</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uzbekistan</td>
<td>Toshkent Viloyati</td>
<td>Toshkent Viloyati</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Uzbekistan</td>
<td>Toshkent Shahri</td>
<td>Toshkent Shahri</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Uzbekistan</td>
<td>Sirdaryo Viloyati</td>
<td>Sirdaryo Viloyati</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

**Results**

**Project Development Objective Indicators**

<table>
<thead>
<tr>
<th>Indicator Name</th>
<th>Core</th>
<th>Unit of Measure</th>
<th>Baseline</th>
<th>Current</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Billing rate in the project areas</td>
<td></td>
<td>Percentage</td>
<td>Value 80.00</td>
<td>80.00</td>
<td>88.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date</td>
<td>30-Dec-2011</td>
<td>31-May-2013</td>
<td>30-Dec-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments</td>
<td>No progress yet.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collection rate in the project areas</td>
<td></td>
<td>Percentage</td>
<td>Value 78.00</td>
<td>78.00</td>
<td>98.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date</td>
<td>30-Dec-2011</td>
<td>31-May-2013</td>
<td>30-Dec-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments</td>
<td>No progress yet.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project beneficiaries, of which female (50%)</td>
<td></td>
<td>Number</td>
<td>Value 0.00</td>
<td>0.00</td>
<td>4000000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sub Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplemental</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Intermediate Results Indicators**

<table>
<thead>
<tr>
<th>Indicator Name</th>
<th>Core</th>
<th>Unit of Measure</th>
<th>Baseline</th>
<th>Current</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accumulated Percentage of all the single-phase meters and associated communication infrastructure installed</td>
<td></td>
<td>Percentage</td>
<td>Value 0.00</td>
<td>0.00</td>
<td>100.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date</td>
<td>30-Dec-2011</td>
<td>31-May-2013</td>
<td>30-Dec-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments</td>
<td>The tender documents are under preparation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accumulated Percentage of all three-phase meters and associated communication infrastructure installed</td>
<td></td>
<td>Percentage</td>
<td>Value 0.00</td>
<td>0.00</td>
<td>100.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date</td>
<td>30-Dec-2011</td>
<td>31-May-2013</td>
<td>30-Dec-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments</td>
<td>The tender documents are under preparation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metering data management system installed and functioning</td>
<td></td>
<td>Percentage</td>
<td>Value 0.00</td>
<td>0.00</td>
<td>100.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date</td>
<td>30-Dec-2011</td>
<td>31-May-2013</td>
<td>30-Dec-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments</td>
<td>No progress yet.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Percentage of customer meters communicating with the management system

<table>
<thead>
<tr>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>30-Dec-2011</td>
<td>31-May-2013</td>
</tr>
<tr>
<td>0.00</td>
<td>31-May-2013</td>
<td>30-Dec-2016</td>
</tr>
<tr>
<td>100.00</td>
<td>No progress yet.</td>
<td></td>
</tr>
</tbody>
</table>

### EDM/Billing System installed and functioning

<table>
<thead>
<tr>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>30-Dec-2011</td>
<td>31-May-2013</td>
</tr>
<tr>
<td>0.00</td>
<td>31-May-2013</td>
<td>30-Dec-2016</td>
</tr>
<tr>
<td>100.00</td>
<td>No progress yet.</td>
<td></td>
</tr>
</tbody>
</table>

### Percentage of existing billing data to the new system

<table>
<thead>
<tr>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>30-Dec-2011</td>
<td>31-May-2013</td>
</tr>
<tr>
<td>0.00</td>
<td>31-May-2013</td>
<td>30-Dec-2016</td>
</tr>
<tr>
<td>100.00</td>
<td>No progress yet.</td>
<td></td>
</tr>
</tbody>
</table>

### Business re-engineering and capacity building

<table>
<thead>
<tr>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>31-May-2013</td>
<td>New business procedures and institutional arrangement established</td>
</tr>
<tr>
<td>No</td>
<td>31-Dec-2014</td>
<td></td>
</tr>
</tbody>
</table>

### Project communications

<table>
<thead>
<tr>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>31-May-2013</td>
<td>All the communication activities completed.</td>
</tr>
<tr>
<td>No</td>
<td>30-Dec-2016</td>
<td></td>
</tr>
</tbody>
</table>

### Data on Financial Performance (as of 17-Apr-2013)

#### Financial Agreement(s) Key Dates

<table>
<thead>
<tr>
<th>Project</th>
<th>Ln/Cr/Tf</th>
<th>Status</th>
<th>Approval Date</th>
<th>Signing Date</th>
<th>Effectiveness Date</th>
<th>Original Closing Date</th>
<th>Revised Closing Date</th>
</tr>
</thead>
</table>

#### Disbursements (in Millions)

<table>
<thead>
<tr>
<th>Project</th>
<th>Ln/Cr/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>P122773</td>
<td>IBRD-81510</td>
<td>Not Effective</td>
<td>USD</td>
<td>180.00</td>
<td>180.00</td>
<td>0.00</td>
<td>180.00</td>
<td>0.00</td>
<td>100.00</td>
</tr>
</tbody>
</table>

#### Disbursement Graph
Key Decisions Regarding Implementation
No key decisions at this time.

Restructuring History
There has been no restructuring to date.

Related Projects
There are no related projects.