Implementation Status & Results
Mexico
Mexico (CRL) Integrated Energy Services (P088996)

<table>
<thead>
<tr>
<th>Operation Name: Mexico (CRL) Integrated Energy Services (P088996)</th>
<th>Project Stage: Implementation</th>
<th>Seq.No: 13</th>
<th>Status: ARCHIVED</th>
<th>Archive Date: 16-Feb-2014</th>
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</thead>
<tbody>
<tr>
<td>Country: Mexico</td>
<td>Approval FY: 2008</td>
<td>Region: LATIN AMERICA AND CARIBBEAN</td>
<td>Lending Instrument: Specific Investment Loan</td>
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</tbody>
</table>

Implementing Agency(ies):

**Key Dates**

- **Board Approval Date**: 17-Jan-2008
- **Original Closing Date**: 30-Jun-2013
- **Planned Mid Term Review Date**: 2011
- **Last Archived ISR Date**: 27-Jul-2013
- **Effectiveness Date**: 16-Jul-2009
- **Revised Closing Date**: 30-Jun-2014
- **Actual Mid Term Review Date**: 25-Mar-2011

**Project Development Objectives**

**Mexico (CRL) Integrated Energy Services (P088996)**

Project Development Objective (from Project Appraisal Document)

- Increase access to efficient and sustainable integrated energy services in predominantly indigenous rural areas of Mexico

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

☐ Yes  ☐ No

**MX-GEF Integrated Energy Services (P095038)**

Global Environmental Objective (from Project Appraisal Document)

- To achieve reduction of greenhouse gas emissions through the use of renewable energy in rural areas for the provision of electricity.

Has the Global Environmental Objective been changed since Board Approval of the Program?

☐ Yes  ☐ No

**Component(s)**

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Component Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part 1. Policy, Regulation and Strategy</td>
<td>4.10</td>
</tr>
<tr>
<td>Part 2. Rural Energy Subprojects</td>
<td>110.05</td>
</tr>
<tr>
<td>Technical Assistance for Rural Energy (Previously Part 3) - DROPPED</td>
<td>0.00</td>
</tr>
<tr>
<td>Part 3. Promotion and Technical Assistance to Increase Productive Uses of Electricity</td>
<td>6.00</td>
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<tr>
<td>Part 4. Project Management</td>
<td>1.64</td>
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</table>

**Overall Ratings**

<table>
<thead>
<tr>
<th>Previous Rating</th>
<th>Current Rating</th>
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</table>
**Implementation Status Overview**

The Integrated Energy Services Project is part of the Government of Mexico’s flagship rural electrification program, which aims to increase electricity supply through (i) expansion of conventional distribution networks and (ii) use of renewable energies. The Project would provide approximately 86 communities in predominantly indigenous rural areas with solar-based electricity (of which services to approximately 40 communities would be financed by Bank and GEF funds).

The Federal Electricity Commission (Comisión Federal de Electricidad, CFE) has finalized 2 pilots in Guaycora, Sonora and La Ciénega, Nayarit, benefiting about 200 inhabitants. Such pilot projects have had a considerable impact on the daily lives of beneficiaries, through (i) the possibility of storing food/medicine in refrigerators, (ii) the possibility of improving education through multimedia/electronic tools, and (iii) the possibility of carrying out activities where lighting is needed, like sewing, reading, etc.

The bidding process for the first cluster of 5 solar farms to be financed by the Bank was completed in October 2013, and works are in progress. Three additional procurement processes for the remaining solar farms (approximately 30) are progressing and are expected to be all launched before the end of February 2014.

**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>Mexico</td>
<td>Oaxaca</td>
<td>Estado de Oaxaca</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Mexico</td>
<td>Guerrero</td>
<td>Estado de Guerrero</td>
<td>✔</td>
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<tr>
<td>Mexico</td>
<td>Chiapas</td>
<td>Estado de Chiapas</td>
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</tr>
<tr>
<td>Mexico</td>
<td>Sonora</td>
<td>Estado de Sonora</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Mexico</td>
<td>San Luis Potosi</td>
<td>Estado de San Luis Potosi</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Mexico</td>
<td>Nayarit</td>
<td>Estado de Nayarit</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Mexico</td>
<td>Durango</td>
<td>Estado de Durango</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Mexico</td>
<td>Coahuila</td>
<td>Estado de Coahuila de Zaragoza</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Mexico</td>
<td>Chihuahua</td>
<td>Estado de Chihuahua</td>
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**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>Number of HH electrified with RET.</td>
<td></td>
<td>Text</td>
<td>Value: 0</td>
<td>0</td>
<td>4,432</td>
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<tr>
<td></td>
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<td></td>
<td>Date: 22-Jul-2008</td>
<td>04-Dec-2013</td>
<td>30-Jun-2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Comments: Solar farms have not yet started to operate.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costs per New Connection (USD/HH).</td>
<td></td>
<td>Text</td>
<td>Value: 2,400</td>
<td>1,097</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Date: 22-Jul-2008</td>
<td>04-Dec-2013</td>
<td>30-Jun-2014</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Comments: Solar farms have not yet started to operate.</td>
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</tr>
<tr>
<td>Number of Households Electrified.</td>
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<td>Text</td>
<td>Value: 0</td>
<td>0</td>
<td>6,205</td>
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<td>04-Dec-2013</td>
<td>30-Jun-2014</td>
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<td></td>
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<td></td>
<td>Comments: Solar farms have not yet started to operate.</td>
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</tr>
<tr>
<td>Incremental increase in MWh/year of electricity consumed for productive uses in targeted communities (MWh/year).</td>
<td></td>
<td>Text</td>
<td>Value: 0</td>
<td>0</td>
<td>5,768</td>
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<tr>
<td></td>
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<td></td>
<td>Date: 22-Jul-2008</td>
<td>04-Dec-2013</td>
<td>30-Jun-2014</td>
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<td></td>
<td></td>
<td></td>
<td>Comments: Solar farms have not yet started to operate.</td>
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</tr>
<tr>
<td>Number of new social/productive activities and micro-businesses developed.</td>
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<td>Text</td>
<td>Value: 0</td>
<td>0</td>
<td>1,308</td>
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<td></td>
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<td>Date: 22-Jul-2008</td>
<td>04-Dec-2013</td>
<td>30-Jun-2014</td>
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<td></td>
<td></td>
<td></td>
<td>Comments: Solar farms have not yet started to operate.</td>
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<tr>
<td>Total RET energy consumption per household in MWh/year</td>
<td></td>
<td>Text</td>
<td>Value: 0</td>
<td>0</td>
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<td></td>
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<td>Date: 08-Nov-2012</td>
<td>04-Dec-2013</td>
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<tr>
<td>People provided with access to electricity by hold connections-Other RE: Off-grid</td>
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<td>Number</td>
<td>Value: 0.00</td>
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</table>

**Global Environmental 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>Emissions Reduction (thousand tones CO2e)</td>
<td></td>
<td>Text</td>
<td>Value: 0</td>
<td>0</td>
<td>241</td>
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<tr>
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<td>04-Dec-2013</td>
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### 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>
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</thead>
<tbody>
<tr>
<td>PPMT/SPICs/PAC/PC/TSMG operational.</td>
<td></td>
<td>Text</td>
<td>Value</td>
<td>None</td>
<td>All</td>
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<td>Design bidding documents.</td>
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<td>Issuance of technical guidelines.</td>
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<td>Baseline Impact Evaluation.</td>
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</tbody>
</table>

### Data on Financial Performance (as of 13-Nov-2012)

**Financial Agreement(s) Key Dates**
**Key Decisions Regarding Implementation**

Since the major milestones for revising the project ratings have been achieved (completion of the first bidding process and launching of the second bidding process), the team is upgrading the project ratings to Moderately Unsatisfactory (MU) for progress towards achievement of both the PDO and the GEO. Overall Implementation Progress (IP) remains as MU. A new ISR will be prepared and PDO, GEO and IP indicators will be revised to Moderately Satisfactory (MS) once the first disbursement is effective (which is expected early February 2014).

**Restructuring History**

Level two Approved on 06-Nov-2012

**Related Projects**

P095038-MX-GEF Integrated Energy Services