Implementation Status & Results

Mexico
Hybrid Solar Thermal Power Plant (P066426)


Country: Mexico  Approval FY: 2007
Product Line: Global Environment Project  Region: LATIN AMERICA AND CARIBBEAN  Lending Instrument: Specific Investment Loan
Implementing Agency(ies): Comision Federal de Electricidad

Key Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Approval Date</td>
<td>05-Oct-2006</td>
</tr>
<tr>
<td>Original Closing Date</td>
<td>31-Oct-2009</td>
</tr>
<tr>
<td>Planned Mid Term Review Date</td>
<td>11-Sep-2012</td>
</tr>
<tr>
<td>Last Archived ISR Date</td>
<td>10-Aug-2011</td>
</tr>
<tr>
<td>Effectiveness Date</td>
<td>07-Jan-2000</td>
</tr>
<tr>
<td>Revised Closing Date</td>
<td>31-Jan-2014</td>
</tr>
<tr>
<td>Actual Mid Term Review Date</td>
<td></td>
</tr>
</tbody>
</table>

Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)

The project development objective is to demonstrate and encourage replication of Integrated Solar Combined Cycle Systems (ISCCS) power generation technology in Mexico and elsewhere, thereby contributing to the reduction of global GHG emissions.

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

☐ Yes  ☐ No

Component(s)

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Component Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>25-31 MW (Peak) Solar Field</td>
<td>49.35</td>
</tr>
</tbody>
</table>

Overall Ratings

<table>
<thead>
<tr>
<th>Area</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress towards achievement of GEO</td>
<td>Moderately Satisfactory</td>
<td>Moderately 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></td>
<td></td>
</tr>
</tbody>
</table>

Implementation Status Overview

The construction of the solar field started on October 18, 2011. The construction of the combined cycle plant is also under way, although it is behind schedule.

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>Not Entered</td>
<td>Agua Prieta</td>
<td></td>
<td></td>
</tr>
</tbody>
</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>Avoided CO2 emissions tons</td>
<td></td>
<td></td>
<td>Value</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Date</td>
<td>18-Jan-2007</td>
<td>21-Mar-2012</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Comments</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electricity production by solar component of ISCCS (GWh/yr)</td>
<td></td>
<td></td>
<td>Value</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Date</td>
<td>18-Jan-2007</td>
<td>21-Mar-2012</td>
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<td></td>
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<td></td>
<td>Comments</td>
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</tbody>
</table>

**Comments:**
Construction of the plant is expected to be completed in June 2013.

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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>
</tr>
</thead>
<tbody>
<tr>
<td>Yearly global production of electricity of the ISCC plant (GWh)</td>
<td></td>
<td></td>
<td>Value</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Date</td>
<td>18-Jan-2007</td>
<td>21-Mar-2012</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Comments</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yearly contribution of solar electricity (GWh)</td>
<td></td>
<td></td>
<td>Value</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Date</td>
<td>18-Jan-2007</td>
<td>21-Mar-2012</td>
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</tbody>
</table>

**Comments:**
Construction of the plant is expected to be completed in June 2013.

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### Data on Financial Performance (as of 16-Mar-2012)

#### Financial Agreement(s) Key Dates

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan No.</th>
<th>Status</th>
<th>Approval Date</th>
<th>Signing Date</th>
<th>Effectiveness Date</th>
<th>Closing Date</th>
</tr>
</thead>
</table>

#### Disbursements (in Millions)

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan No.</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>P066426</td>
<td>TF-23346</td>
<td>Closed</td>
<td>USD</td>
<td>0.05</td>
<td>0.00</td>
<td>0.05</td>
<td>0.00</td>
<td>0.00</td>
<td>16.00</td>
</tr>
</tbody>
</table>
Key Decisions Regarding Implementation

Based on the progress in the construction of the plant, the Project's current closing date (January 31, 2014) remains achievable. A mission is scheduled for the week of April 16-19, 2012, during which the Bank will get an update on the status of construction of the solar and combined cycle plants.

Restructuring History

Level two Approved on 11-May-2010, Level two Approved on 05-Apr-2011, Level two Approved on 12-May-2011

Related Projects

There are no related projects.