Implementation Status & Results

India

India - Chiller Energy Efficiency Project - MP Component (P102790)

Operation Name: India - Chiller Energy Efficiency Project - MP Component (P102790)
Project Stage: Implementation
Seq.No: 3
Status: ARCHIVED
Last Modified Date: 19-Nov-2010

Country: India
Approval FY: 2009
Product Line: Montreal Protocol
Region: SOUTH ASIA
Lending Instrument: Specific Investment Loan
Implementing Agency(ies): Ministry of Environment and Forests, IDBI Bank Ltd

Key Dates
Board Approval Date: 09-Jun-2009
Original Closing Date: 30-Jun-2014
Planned Mid Term Review Date: 26-Nov-2009
Last Archived ISR Date: 25-May-2010
Effectiveness Date: 26-Nov-2009
Revised Closing Date: 30-Jun-2014
Actual Mid Term Review Date:

Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)
The overall global environment objectives of the CEEP are to reduce greenhouse gas emissions whilst simultaneously supporting the completion of the phase-out of consumption of Ozone Depleting Substances required under the Montreal Protocol.

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

Component(s)

Component Name
Provision of Incentives to Accelerate Replacement of Energy Efficient Chillers
Measurement, Monitoring and Verification
Technical Assistance
Project Management

Component Cost
7.67
1.57
0.53
1.47

Overall Ratings

<table>
<thead>
<tr>
<th>Rating</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Progress towards achievement of GEO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall Implementation Progress (IP)</td>
<td>Moderately Satisfactory</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Implementation Status Overview
Project activities are progressing satisfactorily. The Implementing Agency, IDBI has been actively undertaking intensive marketing and awareness activities, which has resulted in the identification of 67 chillers to be replaced under the project. Of these, 23 have signed subproject agreements and 2 CPAs. The MOUs have been signed by all chiller manufacturers and 2 ESCOS. IDBI has contracted the Monitoring and Verification (MM&V) Agency and procurement and installation of data loggers has commenced. Baseline MM&V has been
completed for 5 chillers. The technical consultant to develop the CDM-Project Design Document (PDD) has been hired and the first draft of the Program of Activities has been prepared.

Results

### Intermediate Results Indicators

<table>
<thead>
<tr>
<th>Indicator Name</th>
<th>Baseline</th>
<th>Current</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of CFC-based centrifugal chillers replaced by the CEEP</td>
<td>Value 1500.00 Date 04-Nov-2002 Comment</td>
<td>Value 0.00 Date 21-May-2010 Comment</td>
<td>Value 370.00 Date 30-Jun-2014 Comment</td>
</tr>
</tbody>
</table>

### Data on Financial Performance (as of 19-Feb-2010)

#### 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>
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</thead>
<tbody>
<tr>
<td>P102790</td>
<td>TF-95012</td>
<td>Effective</td>
<td>USD</td>
<td>1.00</td>
<td>1.00</td>
<td>0.00</td>
<td>0.23</td>
<td>0.77</td>
<td>23.00</td>
</tr>
</tbody>
</table>
Key Decisions Regarding Implementation

no decisions as of now

Restructuring History

There has been no restructuring to date.

Related Projects

P100584-Chiller Energy Efficiency