Vishnugad Pipalkoti Hydro Electric Project (P096124)

Key Dates

**Key Project Dates**

- **Bank Approval Date:** 30-Jun-2011
- **Effectiveness Date:** 07-Nov-2011
- **Planned Mid Term Review Date:** 29-Feb-2016
- **Actual Mid-Term Review Date:** 29-Feb-2016
- **Original Closing Date:** 31-Dec-2017
- **Revised Closing Date:** 31-Dec-2017

Project Development Objectives

**Project Development Objective (from Project Appraisal Document)**

The Project Development Objectives are: (a) to increase the supply of electricity to India's national grid through the addition of renewable, low-carbon energy; and (b) strengthen the institutional capacity of THDC with respect to the preparation and implementation of economically, environmentally and socially sustainable hydropower projects.

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

**No**

Components

- **Capacity-building and Institutional Strengthening:** (Cost $10.00 M)
- **Vishnugad Pipalkoti Hydro Electric Project:** (Cost $638.00 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>● Moderately Satisfactory</td>
<td>● Moderately Satisfactory</td>
</tr>
<tr>
<td>Overall Implementation Progress (IP)</td>
<td>● Moderately Unsatisfactory</td>
<td>● Moderately Satisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td>● Substantial</td>
<td>● Substantial</td>
</tr>
</tbody>
</table>

Implementation Status and Key Decisions

7/6/2017
The Project continues to show an overall improvement in progress rates at most work fronts, however these need to continue to be accelerated to achieve timely completion of the Project. Currently three critical paths exist with the project schedule: 1) power station excavation, 2) excavation of the headrace tunnel by tunnel boring machine, and 3) the upstream diversion and intake works for the Project. It is critical that sufficient resources (plant and equipment, materials and human resources) are available at these work fronts, to ensure that progress can be accelerated.

THDC continues to focus on the completion of resettlement and livelihood restoration within local communities, and has expanded its community outreach program. THDC is also planning to develop a more holistic approach to local economic development to provide expanded opportunities for livelihoods across local communities.

The Bank team is continuing to closely monitor the project's implementation, particularly in the critical areas of environmental and social safeguards compliance.
## 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>--</td>
<td>● Moderate</td>
<td>● Moderate</td>
</tr>
<tr>
<td>Macroeconomic</td>
<td>--</td>
<td>● Moderate</td>
<td>● Moderate</td>
</tr>
<tr>
<td>Sector Strategies and Policies</td>
<td>--</td>
<td>● Moderate</td>
<td>● Moderate</td>
</tr>
<tr>
<td>Technical Design of Project or Program</td>
<td>--</td>
<td>● Moderate</td>
<td>● Moderate</td>
</tr>
<tr>
<td>Institutional Capacity for Implementation and Sustainability</td>
<td>--</td>
<td>● Moderate</td>
<td>● Moderate</td>
</tr>
<tr>
<td>Fiduciary</td>
<td>--</td>
<td>● Moderate</td>
<td>● Moderate</td>
</tr>
<tr>
<td>Environment and Social</td>
<td>--</td>
<td>● Substantial</td>
<td>● Substantial</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>--</td>
<td>● Substantial</td>
<td>● Substantial</td>
</tr>
<tr>
<td>Other</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Overall</td>
<td>--</td>
<td>● Substantial</td>
<td>● Substantial</td>
</tr>
</tbody>
</table>
Results

Project Development Objective Indicators

- Generation capacity constructed under the project (MW) (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>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>444.00</td>
</tr>
</tbody>
</table>

- Generation Capacity of Hydropower constructed or rehabilitated under the project (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>0.00</td>
<td>0.00</td>
<td>444.00</td>
</tr>
</tbody>
</table>

- Generation Capacity of Hydropower constructed under the project (Megawatt, Custom Breakdown)

<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>0.00</td>
<td>0.00</td>
<td>444.00</td>
</tr>
</tbody>
</table>

Overall Comments

Intermediate Results Indicators
### Headrace tunnel completion (Percentage, 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>12.00</td>
<td>12.00</td>
<td>100.00</td>
</tr>
</tbody>
</table>

### Power house civil excavation (Percentage, 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>15.00</td>
<td>15.00</td>
<td>100.00</td>
</tr>
</tbody>
</table>

### Resettlement Action Plan implementation (Percentage, 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>98.00</td>
<td>98.00</td>
<td>100.00</td>
</tr>
</tbody>
</table>

Overall Comments

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>P096124</td>
<td>IBRD-80780</td>
<td>Effective</td>
<td>USD</td>
<td>648.00</td>
<td>648.00</td>
<td>0.00</td>
<td>92.60</td>
<td>555.40</td>
<td>14%</td>
</tr>
<tr>
<td>P096124</td>
<td>TF-58016</td>
<td>Closed</td>
<td>USD</td>
<td>1.00</td>
<td>0.99</td>
<td>0.01</td>
<td>0.99</td>
<td>0.00</td>
<td>100%</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>
</table>

Cumulative Disbursements

Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.