

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT  
INTERNATIONAL DEVELOPMENT ASSOCIATION

FIFTH PROGRESS REPORT  
ON THE IMPLEMENTATION OF MANAGEMENT'S ACTION PLAN IN  
RESPONSE TO  
THE INSPECTION PANEL INVESTIGATION REPORT  
(REPORT # 44977-UG)  
ON THE  
REPUBLIC OF UGANDA  
PRIVATE POWER GENERATION (BUJAGALI) PROJECT  
(IDA GUARANTEE NO. B0130-UG)

December 10, 2015

## ACRONYMS AND ABBREVIATIONS

AfDB	African Development Bank
APRAP	Assessment of Past Resettlement Activities and Action Plan
BEL	Bujagali Energy Limited
CDAP	Community Development Action Plan
CPMP	Cultural Property Management Plan
EAC	East African Community
EIB	European Investment Bank
EPC	Engineering, Procurement and Construction
ESIA	Environmental and Social Impact Assessment
ESU	Environment and Social Unit
GoU	Government of Uganda
GWh	Gigawatt hour
IDA	International Development Association
JICA	Japan International Cooperation Agency
kV	Kilovolts
kWh	Kilowatt hour
MAP	Management Action Plan
MEMD	Ministry of Energy and Mineral Development
MIGA	Multilateral Investment Guarantee Agency
MoWE	Ministry of Water and Environment
MW	Megawatt
NEMA	National Environment Management Authority
NFA	National Forest Authority
OP	Operational Policy
PoE	Panel of Experts
QESMR	Quarterly Environment and Social Monitoring Report
RAP	Resettlement Action Plan
RCDAP	Resettlement and Community Development Action Plan
SMP	Sustainable Management Plan
UMEME	Private Sector Distribution Concessionnaire

## CONTENTS

<b>EXECUTIVE SUMMARY .....</b>	<b>1</b>
<b>I. INTRODUCTION.....</b>	<b>3</b>
<b>II. PROJECT STATUS .....</b>	<b>4</b>
<b>III. IMPLEMENTATION OF THE MANAGEMENT ACTION PLAN (MAP) .....</b>	<b>5</b>
<b>IV. OUTSTANDING ACTIVITIES FROM THE FOURTH PROGRESS REPORT.....</b>	<b>8</b>
<b>V. NEXT STEPS .....</b>	<b>11</b>
<b>Annex 1. DETAILED STATUS OF ACTIVITIES IN THE MAP .....</b>	<b>12</b>



## **EXECUTIVE SUMMARY**

- i. This is the fifth Progress Report to the Board of Executive Directors (the Board) on implementation of the Management Action Plan (MAP) in response to the Inspection Panel Investigation Report No. 44977-UG on the Uganda Private Power Generation (Bujagali) Project.
- ii. The Project consists of construction of the 250 MW run of the river Bujagali hydropower station on the Nile River, located eight kilometers downstream of the existing Nalubaale/Kiira hydropower complex; a 220 kV double circuit transmission line (Bujagali-Kawanda), funded by the African Development Bank and Japan International Cooperation Agency; a 220 kV double circuit line from Kawanda to Mutundwe; and a 132 kV double circuit line connecting Bujagali, Nalubaale, and Tororo. The International Development Association provided a Partial Risk Guarantee of US\$115 million for the Project, which was approved on April 26, 2007. The power plant was fully commissioned on August 1, 2012, which also establishes the Project's closing date per World Bank instructions on guarantees.
- iii. In response to a Request for Inspection submitted by a Ugandan nongovernmental organization and registered on March 7, 2007, the Inspection Panel recommended an investigation, and this was approved by the World Bank Board. The Request raised various sets of concerns related to hydrological risks, climate change and cumulative impact assessment; terrestrial and aquatic fauna; Kalagala falls offset; economic analysis, options and affordability assessment; information disclosure, transparency and openness regarding the Project; dam safety issues; indigenous peoples, cultural and spiritual issues; and compensation, resettlement and consultations. The Inspection Panel submitted its Investigation Report to the Board on August 29, 2008. On November 7, 2008, Management submitted its Report and Recommendation, including a detailed Management Action Plan (MAP), developed in response to the Inspection Panel's findings.
- iv. Actions under the MAP included strengthening institutional capacity of the various authorities responsible for the Project; social assessment and mitigation measures, including updating of the socioeconomic baseline, follow up on programs to address vulnerable groups and sharing of Project benefits; measures to address physical cultural resources, including chance find procedures; and environmental assessment and mitigation measures, including disclosure of Panel of Experts reports; progress in afforestation; completion of the Sustainable Management Plan (SMP) for the Kalagala Falls offset; and follow up on disclosure of information regarding Lake Victoria water releases.
- v. The fourth Progress Report on the MAP identified three outstanding activities: (i) continued and satisfactory implementation of the Sustainable Management Plan (SMP) for the Kalagala Falls; (ii) electrification of households in the Naminya Resettlement Area and affected

nine villages as part of the community development program; and (iii) satisfactory implementation of the supplemental action plan<sup>1</sup>. The status of these actions is as follows:

- Uganda's Ministry of Water and Environment coordinates the implementation of the SMP with other government entities. With support from the ongoing World Bank-financed Water Management and Development Project (WMDP), monitoring of the implementation of part of the SMP has been undertaken and will continue.
- Electrification of all Project affected households that were resettled in the Naminya Resettlement Area has been completed. The final phase of electrification for the nine villages on the east and west banks is underway. Initially, based on a feasibility study completed in 2007, it was envisaged that overall about 900 households would be able to pay partially subsidized connection fees and be connected to the grid. However, an updated survey conducted by UMEME (the private sector distribution concessionaire) estimated that about 500 households are able to pay for the cost of connections (This is also the minimum number of connections specified for the rural electrification program, which is deemed completed once this number of connections is achieved.). Although progress in establishing connections to individual households in the beneficiary villages has been slow, as of September 2015 overall connections stood at 491 households. The remaining connections will be implemented during 2016 and monitored as part of ongoing World Bank-financed energy access projects, which will use ready boards (pre-manufactured distribution boards that act as a termination for the incoming electricity supply from the utility and thereby allow connection of low income households that do not have internal house wiring) as an affordable way to connect these households.
- All the action items in the supplemental action plan identified in the Fourth Progress Report are completed except for issuance of three outstanding land titles.

vi. As part of the MAP, the Bank will continue to monitor implementation of the SMP, the rural electrification program, and the issuance of outstanding land titles. These issues will be monitored through periodic joint Lenders' Missions and ongoing World Bank water and energy sector operations in Uganda. The status of implementation of these remaining outstanding issues will be reflected in the next progress report, which will be presented in twelve month time. Independently of this, the Bank will continue to monitor the implications of the proposed Isimba Hydropower Project on the natural habitat offset stipulated in the Bujagali Indemnity Agreement. Specifically, the ESIA for the Isimba Hydropower Project will be further strengthened to identify measures to mitigate potential negative impacts of this project on the offset site.

---

<sup>1</sup> As noted in the Fourth Management Progress Report, the supplemental action plan, prepared by BEL, identifies long-term assistance measures for vulnerable groups, further to the RAP.

**Fifth Progress Report on the Implementation of Management's Action Plan in Response to  
the Inspection Panel Investigation Report on the Uganda Private Power Generation  
(Bujagali) Project**

**I. INTRODUCTION**

1. This is the fifth Progress Report to the Board of Executive Directors on implementation of the Management Action Plan (MAP) in response to the Inspection Panel Investigation Report No. 44977-UG on the Uganda Private Power Generation (Bujagali) Project ("the Project"). The Project was approved on April 26, 2007, and implementation began on June 26, 2007. The power plant was fully commissioned on August 1, 2012, which also establishes the Project's closing date.
2. The Project is a 250 MW run of the river power plant with adequate reservoir capacity to run the plant for about 10 hours at peak output without inflow, an intake powerhouse complex, and an earth filled dam with a height of about 30 meters, together with a spillway and other associated works. The Project is on the Victoria Nile River, approximately eight kilometers downstream (north) of the existing Nalubaale and Kiira power plants (both in Uganda). The Project's main objective was to provide least-cost power generation capacity in order to eliminate power shortages. The Project represents an increase of 250 MW of generation capacity on the national grid.
3. On March 7, 2007, a Request for Inspection from the Ugandan National Association of Professional Environmentalists (NAPE) and others was registered by the World Bank's Inspection Panel; the Request alleged that the failures and omissions of the International Development Association (IDA) in the design, appraisal, and implementation of the above-referenced Project materially affected the rights and interests of the Requesters and were likely to jeopardize their future social, cultural, and environmental security. The Request raised various sets of concerns related to hydrological risks, climate change and cumulative impact assessment; terrestrial and aquatic fauna; Kalagala falls offset; economic analysis, options and affordability assessment; information disclosure, transparency and openness regarding the Project; dam safety issues; indigenous peoples, cultural and spiritual issues; and compensation, resettlement and consultations. Following Board approval of the Panel's Recommendation on May 18, 2007, the Inspection Panel undertook to investigate the allegations.
4. The Inspection Panel submitted its Investigation Report No. 44977-UG on the Project to the Board of Executive Directors on August 29, 2008. On November 7, 2008, Management submitted its Report and Recommendation (MRR), including a detailed MAP developed in response to the Inspection Panel's findings. On December 4, 2008, the Executive Directors considered both reports and approved the MAP proposed by Management. Management committed to report to the Board on the progress of the Action Plan within six months' time.
5. Implementation of the actions contained in the MAP started in 2008 and these have been monitored continuously. The completed activities, as outlined in Annex 1 of the MAP, have been periodically assessed through the: (i) Quarterly Monitoring and Evaluation Reports prepared by

Bujagali Energy Limited (BEL); (ii) Reports of the Joint Lenders'<sup>2</sup> Supervision Missions (semi-annual missions were undertaken until commissioning of the plant in August 2012, and annual missions thereafter); (iii) Annual Review by the Independent Panel of Experts (PoE); and (iv) National Multi-stakeholder Bujagali Environmental Monitoring Committee Reports.

6. The fourth Progress Report identified three outstanding activities: (i) continued and satisfactory implementation of the Sustainable Management Plan (SMP) for the Kalagala Falls; (ii) electrification of households in the Naminya Resettlement Area and affected nine villages, as part of the community development program; and (iii) satisfactory implementation of the supplemental action plan (described below)<sup>3</sup>. This fifth Progress Report consolidates the information from the sources mentioned above on progress achieved to date related to these actions and outcomes.

## II. PROJECT STATUS

7. **Project Implementation.** IDA provided a Partial Risk Guarantee of US\$115 million for the Project. The Project was approved on April 26, 2007, and implementation began on June 26, 2007 (see Annex 1 for details). Because of unexpected geological conditions, Project commissioning was delayed initially from June 2011 to April 2012 and further delayed until August 2012 because of repairs necessitated by defects in the electromechanical equipment.<sup>4</sup> Power from the Bujagali hydropower plant is evacuated through a 220/132 kV transmission line system (in total about 103.5 kilometers of transmission lines) between the substations at Bujagali, Nalubaale, Kawanda, and Mutundwe. The transmission integration infrastructure was financed by the African Development Bank (AfDB) and the Japan International Cooperation Agency (JICA).

8. **Progress in Completion of the Power Plant.** The power plant was fully commissioned in August 2012. By July 2013, all offshore, onshore, civil, and electromechanical works were completed. Subsequently, by the end of October 2014, the contractor demobilized from the Project site and removed all equipment. All temporary works were removed and the ground returned to its original graded condition. Outstanding warranty and punch list items are expected to be completed by the end of 2015.

9. **Progress in Transmission Line Construction.** Construction of transmission lines for power evacuation was completed in a timely manner, and the plant has been evacuating power into the grid without any hindrances since its commissioning in August 2012. The transmission lines, which were initially energized at 132 kV, and the associated 132 kV Bujagali substation, are being upgraded to 220 kV through savings realized from the AfDB/JICA project. Completion of the upgrade works is expected by the first quarter of 2016. Final conversion to 220 kV will be completed in the last quarter of 2016 following commissioning of the Bank-supported Kawanda 220 kV substation works.

---

<sup>2</sup> Participating financial institutions.

<sup>3</sup> The supplemental action plan was prepared by BEL in 2013 to follow up on remaining outstanding actions from the RAP.

<sup>4</sup> According to the Bank's *Instructions: Project-Based Guarantees* (July 2015), completion for a guarantee operation coincides with the commercial operations date.

10. **Additional complaints related to the project.** In November 2014, a civil suit was filed in the High Court of Uganda against BEL for damaging house structures due to blasting operations. The civil suit was filed on behalf of residents outside the 1.8 kilometer blasting radius who were not compensated under a European Investment Bank (EIB)-mediated settlement, and was later joined by the residents who had had their houses repaired under the EIB settlement. BEL filed its defense against the case on January 13, 2015 and has indicated that a resolution is likely to be achieved in one to two years. BEL is keeping the Project Joint Lenders informed of the process. The Bank will participate in the Joint Lenders' missions to monitor the situation.

11. Another set of requests was filed with the complaint offices of the International Finance Corporation and the Multilateral Investment Guarantee Agency (MIGA). Although they concern the same Project, the complaints are not directly related to the requests submitted to the Inspection Panel. The first two complaints (dated March 2011 and May 2011, respectively) were assessed by the Compliance Advisor/Ombudsman (CAO), and a report was disclosed in December 2011. A third request was filed in April 2013.<sup>5</sup>

### III. IMPLEMENTATION OF THE MANAGEMENT ACTION PLAN (MAP)

12. Table 1 below summarizes the status of actions taken under the MAP. Annex 1 provides a more detailed description of activities.

**Table 1: Status of MAP Implementation<sup>6</sup>**

Issues	Actions (Initial Commitment)	Status
<b>MAP</b>		
<b>General</b>		
Institutional Capacity	Management will follow up on: <ul style="list-style-type: none"> <li>▪ Establishment of a Project Monitoring Committee (Inter Agency Coordination Committee)</li> <li>▪ Strengthening of capacities of BEL Environment and Social Unit (ESU)</li> </ul>	<b>Completed</b>  <b>Completed</b>
Guidance on Environmental and Social Safeguard Issues in Legacy Projects	<ul style="list-style-type: none"> <li>▪ Management will develop guidance on how to address environmental and social safeguard issues in legacy projects that suffer significant interruptions in implementation.</li> </ul>	<b>Completed</b>

<sup>5</sup> The complainants' concerns related to: (i) compensation by the plant's contractor after workers suffered injuries sustained in the course of their work; (ii) compensation for assets during the transmission line land acquisition process; (iii) impacts of loss of livelihoods related to informal tourism operator activities; (iv) blasting impacts related to damages to buildings/structures as well as human and animal health; and (v) unpaid wages. The parties agreed to a voluntary dispute resolution process under the auspices of the CAO. As a result, regarding issue (i), out of a total of 93 individual cases, 86 have been resolved and one worker could not be traced; the remaining six cases have been transferred to the CAO compliance function in line with the CAO's Operational Guidelines. Issue (iii) has been successfully resolved to the satisfaction of all parties. Regarding issue (iv), a mediation process was initiated in March 2012 and concluded in a settlement. Issues (ii) and (v) are being addressed through the CAO dispute resolution mechanism.

<sup>6</sup> See Tables 2 and 3 on pages 39-40 of the MRR, November 2008.





(NEMA), the NFA, MEMD, the Ministry of Tourism, District local governments, and nongovernmental organizations. MoWE has appointed a focal point responsible for coordination and has also formed a technical committee with representatives from all parties. The committee meets every six months to provide its guidance and monitor the implementation of the SMP.

16. The implementation of the SMP is financed by an annual budget of UGX 400 million allocated by the GoU and by a US\$4.2 million loan from the World Bank. The funds from the World Bank are available for activities such as community mobilization and sensitization, surveying and marking boundaries, restoration of river banks, restoration of degraded parts of Mabira Central Forest Reserve and appointment of consultants for studies. WMDP is supporting restoration of 1,500 ha of degraded Mabira ecosystem including boundary surveying and demarcation of 400 km boundary, and promoting environmental sustainable livelihoods (240 ha) of the host communities in Kayunga, Jinja, Mukono and Buikwe Districts. Social needs assessment, mobilization, sensitization and training of the communities has been undertaken. In addition, to closely monitor logging and other pressures on Mabira Forest, Management recruited a short-term consultant with forestry expertise. Tree planting (restoration) is planned to commence during the March 2016 rain season.

17. To foster commitment and allocation of resources, the MoWE will engage the local governments of Mukono, Kayunga, Buikwe, and Jinja for implementation of the SMP. The Bank will continue to monitor the implementation of the SMP.

## **ELECTRIFICATION ACTIVITIES**

18. The BEL-assisted community infrastructure services also provide for electrification in Project affected rural areas. As planned, this includes electrification of the Naminya Resettlement Area<sup>8</sup> and nine villages – Kikubamutwe, Malindi, Buloba, Naminya-Kiira, and Nankwanga on the west side and Bujagali, Ivunamba, Kyabirwa, and Namizzi on the east side.

19. **Network expansion.** The electrification program supported under the Project initially focused on network expansion and intensification, and assisted in the construction of the electricity distribution system in three phases. BEL has reported that the third and last phase of the network expansion has been completed in 2015. As there were some cost savings, BEL has commenced the construction of additional distribution lines into several remaining areas with the affected communities and some communities bordering on the project affected villages, which is beyond the initial commitment. All electricity distribution system infrastructure built as part of the Project will be owned by the Uganda Electricity Distribution Company Limited and operated by UMEME.

20. **Household connections.** Initially, based on a feasibility study completed in 2007, it was envisaged that about 900 households would be able to pay partially subsidized connection fees and be connected to the grid. However, an updated survey conducted by UMEME concludes that only about 500 households are able to pay for the cost of connections.<sup>9</sup> Although progress in

---

<sup>8</sup> The Naminya Resettlement Area is a part of the Naminyango village and neighbors Naminya-Kiira village.

<sup>9</sup> The Financing Agreement between the Agence Française de Développement and BEL also stipulates the minimum target number of connections at 500. The rural electrification program is deemed completed once this number of connections is achieved.

establishing connections to individual households in the beneficiary villages has been slow, as of October 2015 the overall connection is at 491 households (out of 500). For the Naminya Resettlement Area, the total number of connections made is 31 (24 households of displaced people, four households of vulnerable people, one health center, and two health center staff houses).

21. It is expected that the target of 500 connections will be reached during 2016. The remaining activities include completion of the additional distribution lines, which are implemented on top of the original scope, expected to be completed by the end of 2016, and any additional household connections that will be implemented during 2016 and monitored as part of ongoing World Bank-financed energy access projects. As needed, the additional connections will adopt ready boards (pre-manufactured distribution boards that act as a termination for the incoming electricity supply from the utility) as an affordable way to connect these households.

#### **SUPPLEMENTAL ACTION PLAN**

22. The status of actions under the supplemental action plan is as follows:

Action	Status
Identification and surveying of the remaining unallocated plots within the original Naminya village and transfer of these unallocated plots to the original relocated Project affected people. This will augment the land area given to each affected household by about one third of an acre. The original allocation of land was one acre per affected household. The plots will be transferred with the title. Survey work has already commenced.	<b><i>Completed</i></b>
Distribution of four unallocated houses, which will be upgraded, to four households identified by the representatives of the community as the most vulnerable in Naminya. There are eight additional unallocated houses and plots which, in consultation with representatives of the community, will be donated to local schools and used for staff housing.	<b><i>Completed.</i></b>
Upon consultation with households identified by the community as most vulnerable, BEL will implement a program, including skills training or other assistance, similar to that identified for the informal tourism operators.	<b><i>Completed.</i></b>

The outstanding land titles (three) are to be issued by the Mukono Land Office, where the computer system was reorganized a few months ago leading to significant backlogs.	<b><i>In Progress.</i></b> BEL is following up on a regular basis to get the outstanding three land titles issued and has also retained the services of a surveyor to assist in this effort.
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## RECENT DEVELOPMENTS

23. **Bujagali Indemnity Agreement (IA) and Isimba Falls Dam.** In accordance with the provisions of the IA (July 2007), Uganda is legally required to set aside the Kalagala Falls Site exclusively to protect its natural habitat and environmental and spiritual values in conformity with sound social and environmental standards. Any power generation that could adversely affect the ability to maintain the above stated protection at the Kalagala Falls Site would require prior written agreement of IDA. Additionally, any tourism development at the Kalagala Falls Site is to be carried out in a manner acceptable to IDA.

24. The GoU is now developing a 183 MW run of the river hydropower project at the Isimba Falls downstream of the Kalagala Falls. The proposed project is financed by China's Exim Bank (85 percent) and the GoU (15 percent). Based on available information, an EPC contract has been signed with a contractor from China for construction of the hydropower plant. The feasibility studies and Environmental and Social Impact Assessment (ESIA) have been completed and shared with the Bank. NEMA held a public hearing for the project in June 2014. This development will require a reservoir that will likely inundate about eight percent of the Kalagala Falls Site that is outlined in the IA, and affect about two thirds of the stretch of the Nile River that is in the offset area.

25. Given the potential impact of the project upon the Kalagala Falls Site, the GoU has engaged the World Bank to find a mutually acceptable solution that would preserve the original spirit and intent of the offset under the Bujagali IA. Based on the discussions held with the Bank, the GoU intends to further strengthen the ESIA for the Isimba Hydropower Project, which will identify measures to mitigate potential negative impacts on the Kalagala Falls Site. This is to be done through the preparation of an addendum to the Isimba ESIA that would specifically cover the main environmental and social impacts and corresponding mitigation measures for the Isimba Hydropower Project as it could affect the Kalagala Falls Site. In addition to the Isimba ESIA addendum, the GoU will prepare a separate Long-term Conservation Options Report to address sustainability issues of the offset area. Based on these reports, the Bank will ensure that the relevant objectives of the IA would be preserved.

## V. NEXT STEPS

26. Management will continue to monitor the satisfactory implementation of the SMP, the rural electrification program and the issuance of outstanding land titles. The status of implementation of these remaining outstanding issues will be reflected in the next progress report, which will be presented in twelve month time. Independently of this, the Bank will continue to engage with the

GoU to find a mutually acceptable solution that would preserve the original spirit and intent of the offset under the Bujagali IA.

**Annex 1.**  
**DETAILED STATUS OF ACTIVITIES IN THE MAP**

Issues	Actions (Initial Commitment)	Status
<b>MAP</b>		
<b>General</b>		
Institutional Capacity	<p>Management will follow up on:</p> <ul style="list-style-type: none"> <li>Establishment of a Project Monitoring Committee (Inter Agency Coordination Committee)</li> <li>Strengthening of capacities of BEL ESU</li> </ul>	<p><b>Completed.</b> The Committee was established in January 2009 and met on a bi-monthly basis to monitor Project activities. The Joint Lenders' Supervision Mission of November 2011 confirmed the satisfactory performance of the two committees that were established to facilitate coordination at inter-agency and sub-national levels.</p> <p><b>Completed.</b> BEL hired four new staff in the ESU and increased its on-site training and monitoring of the CDAP. Several environmental and social safeguards training sessions were held during the period 2010-2012.</p>
Guidance on Environmental and Social Safeguard Issues in Legacy Projects	<ul style="list-style-type: none"> <li>Management will develop guidance on how to address environmental and social safeguards issues in legacy projects that suffer significant interruptions in implementation.</li> </ul>	<p><b>Completed.</b> The <i>Interim Guidelines for Addressing Legacy Issues in World Bank Projects</i> were completed and disclosed in 2009.</p>
<b>Social Impact Assessment and Mitigation Measures</b>		
Vulnerable Groups (OP4.12)	<ul style="list-style-type: none"> <li>Management will follow up on BEL's programs, with timetable and targeted activities, to address needs of vulnerable groups.</li> </ul>	<p><b>Completed.</b> BEL completed all activities as outlined in the Social and Environmental Action Plan community designed programs for vulnerable and at-risk groups. Management reviewed BEL's activities/programs and assessed them as satisfactory.</p>
<b>Cultural and Spiritual Values</b>		
Physical Cultural Resources and Cultural Property Management Plan (OP4.11)	<ul style="list-style-type: none"> <li>Management will follow up on GoU commitments to ensure that the required capacities and resources are in place for the Government – coordinated by the MEMD, and including Local Councils – to update and implement the CPMP, which was part of the 2002 RCDAP by June 2009.</li> </ul>	<p><b>Completed.</b> The CPMP was disclosed in country and in the Bank's InfoShop in August 2010. Ceremonies for the Bujagali spirits relocation site and the accompanying appeasement ceremonies were completed in 2011.</p>

Issues	Actions (Initial Commitment)	Status
	<ul style="list-style-type: none"> <li>BEL will update the EPC Contractor's Code of Practice (which is covered in the 2007 CPMP developed by the Contractor) to include "chance find" procedures.</li> </ul>	<b>Completed.</b> Management assessed monitoring and reporting by BEL of the CPMP, including the EPC Contractor's Code of Practice for "chance find" procedures, and found them to be satisfactory.
<b>Environmental Assessment and Mitigation Measures</b>		
Independent Panel of Experts (OP4.01 and OP13.05)	<ul style="list-style-type: none"> <li>BEL will review the Environment and Social Independent Panel of Experts (PoE) reports and disclose them by end-2008.</li> </ul>	<b>Completed.</b> Management confirmed that PoE reports are filed and publicly available on BEL's website.
<b>Ongoing Supervision Activities</b>		
<b>General</b>		
Institutional Capacity	<p>Management will follow up on:</p> <ul style="list-style-type: none"> <li>Coordination arrangements of the MEMD Project Inter-Agency Coordination Committee; and</li> <li>The NFA implementation capacity for the SMP for the Kalagala Offset and Mabira Central Forest Reserve.</li> </ul>	<p><b>Completed.</b> The GoU has established a coordination and oversight structure led by a high level Steering Committee that has been functional since September 2008. The structure includes a multi-stakeholder Bujagali Monitoring Committee.</p> <p><b>Completed.</b> Capacity development measures have been undertaken for NEMA and NFA, and field-based training programs will be continued.</p>
<b>Social Impact Assessment and Mitigation Measures</b>		
<ul style="list-style-type: none"> <li>Remedial Steps for Updating and Completion of Baseline Socio-Economic Information (OP4.12)</li> </ul>	<p>Management will ensure that:</p> <ul style="list-style-type: none"> <li>Findings from the socio-economic survey (which will be completed by March 2009) are integrated into the CDAP by BEL in its design of subproject activities;</li> <li>Above findings are reported in BEL's Quarterly Environment and Social Monitoring;</li> </ul>	<p><b>Completed.</b> The socio-economic survey, which was reported in APRAP (Assessment of Past Resettlement Activities and Action Plan, 2004), was updated twice (December 2010 and November 2011) using a follow up socio-economic survey. The results of the surveys were reported and disclosed on the Project's website, where the general outcome indicated an improvement in incomes and access to livelihood options. The survey results were integrated into CDAP design of sub-project activities.</p> <p><b>Completed.</b> Indicators of socio-economic impacts measured and reported in the Quarterly Environment and Social Monitoring Report (QESMR) using updated survey data on household income and livelihoods. On-the-job training for</p>

Issues	Actions (Initial Commitment)	Status
	<ul style="list-style-type: none"> <li>BEL will undertake an enhanced socio-economic survey to support and fully achieve livelihood restoration. It will enhance its database of household survey data and capacity building for monitoring and evaluating impacts of livelihood restoration and community development; Through technical assistance (from MIGA), BEL will improve the socio-economic database.</li> </ul>	<p>new BEL staff on monitoring and evaluating impacts continues. A specific technical officer at BEL has now been given an extra task of follow up monitoring and evaluation of activities.</p> <p><b>Completed.</b> Socio-economic database set up in an electronic file and measured quarterly and reported in the QESMR.</p>
Sharing of Project Benefits (OP4.12)	<ul style="list-style-type: none"> <li>Management will follow up with BEL on yearly updated needs assessments that are used to adjust CDAP activities, responding to priorities of Project affected people.</li> </ul>	<p><b>Substantially Completed.</b> Management followed up with BEL on progress in delivery of services in Naminya Resettlement Area and directly affected villages. Provision of water supply services and market stalls is complete.</p> <p>Construction of the electricity distribution network and connection of households and a health center to the power grid is also complete at the Naminya Resettlement Area. The extension of electricity distribution network has progressed about 95 percent. Electrification of nine other villages within the Project area is nearing completion; connection uptake is in progress. Enhancement of connection rate is being pursued through Bank-supported Output Based Aid program and Energy for Rural Transformation projects.</p>
<b>Environmental Assessment and Mitigation Measures</b>		
Environment Management Plan and Kalagala Offset Area (OP4.01)	<ul style="list-style-type: none"> <li>Management will monitor progress of BEL's ongoing afforestation activities (79 hectares completed; additional 125 hectares by end-2008; 196 hectares by end-2009) as part of the EMP jointly implemented by BEL, District Environmental Officer, District Forest Officer, and LC1;</li> <li>Management will follow up on completion by NFA of the SMP for the</li> </ul>	<p><b>Completed.</b> Target of 444 hectares reforested. Management assessed as satisfactory BEL's ongoing afforestation activities.</p> <p><b>Completed.</b> The Kalagala Offset SMP, including the Mabira Central</p>

Issues	Actions (Initial Commitment)	Status
	Kalagala Offset, which includes the Mabira Central Forest Reserve by June 2009, including tourism development program.	Forest Reserve, was completed in 2010 by the International Conservation Union-Uganda, under contract with the Project, and its implementation launched by the GoU in 2011.
Cumulative Impacts: Climate Change and Hydrology Risks; Potential Impacts on Lake Victoria; Alternative Project Configurations (OP4.01)	<ul style="list-style-type: none"> <li>Management will follow up on the GoU's commitment to disclose the Lake Victoria hydrological (water releases) information and make it available to the EAC.</li> </ul>	<b>Completed.</b> The GoU disclosed the Lake Victoria hydrological (water releases) data starting in 2008 and, since then, the information has been made available to the EAC on a regular basis.