

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

SIXTH 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)

February 21, 2017

ACRONYMS AND ABBREVIATIONS

AfDB	African Development Bank
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
MW	Megawatt
NFA	National Forest Authority
OP	Operational Policy
PoE	Panel of Experts
QESMR	Quarterly Environment and Social Monitoring Report
RCDAP	Resettlement and Community Development Action Plan
SMP	Sustainable Management Plan
Umeme	Private Sector Distribution Concessionnaire
WMDP	Water Management and Development Project

CONTENTS

EXECUTIVE SUMMARY	4
I. INTRODUCTION	1
II. PROJECT STATUS	2
III. IMPLEMENTATION OF THE MANAGEMENT ACTION PLAN	3
IV. OUTSTANDING ACTIVITIES FROM THE FIFTH PROGRESS REPORT	5
V. NEXT STEPS	8
ANNEX 1 DETAILED STATUS OF ACTIVITIES IN THE MAP	9

EXECUTIVE SUMMARY

- i. This is the sixth 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 Private Power Generation (Bujagali) Project. The main objective of the Project is to provide least-cost power generation capacity to eliminate power shortages in a country with serious power supply issues. The Project provides stable baseload power, which is needed to grow the economy and expand access to electricity.
- ii. The Project consists of a 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 (AfDB) and Japan International Cooperation Agency (JICA); 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 (IDA) 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 Bank instructions on guarantees.
- iii. The Inspection Panel submitted its Investigation Report to the Board on August 29, 2008. On November 7, 2008, Management submitted its Report and Recommendation, along with a detailed MAP, which included strengthening institutional capacity of the various authorities responsible for the Project; social assessment and mitigation measures, including updating of the socio-economic 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.
- iv. The MAP has been fully implemented except for the issuance of two outstanding land titles. Bujagali Energy Limited (BEL), the implementing agency, is closely following up on this. Once the two pending land titles are issued, Management will submit a final progress report to the Board of Executive Directors.

Sixth 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 Sixth 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 consists of a 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 (AfDB) and Japan International Cooperation Agency (JICA); 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 (IDA) 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 Bank instructions on guarantees.¹

2. The hydropower plant has 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’s main objective is to provide least-cost power generation capacity to eliminate power shortages in a country with serious power supply issues. The Project provides stable baseload power, which is needed to grow the economy and expand access to electricity.

3. On March 7, 2007, the Inspection Panel registered a Request for Inspection from the Ugandan National Association of Professional Environmentalists (NAPE) and others alleging various environmental, social and cultural harms as a result of the Project. Management responded to the Request on April 5, 2007. 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.

5. Implementation of the actions contained in the MAP started in 2008 and 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

¹ According to Bank Policy governing *Project-Based Guarantees*, completion for a guarantee operation coincides with the commercial operations date.

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

6. The MAP has been fully implemented except for the issuance of two outstanding land titles. Bujagali Energy Limited (BEL), the implementing agency, is closely following up on this. Once the two pending land titles are issued, Management will submit a final progress report to the Board of Executive Directors.

II. PROJECT STATUS

7. **Project Implementation.** The Project was commissioned in August 2012, following delays due to unexpected geological conditions and repairs necessitated by defects in the electromechanical equipment. By July 2013, all 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.

8. **Transmission Lines.** Construction of transmission lines and substation works for power evacuation was completed in a timely manner on November 30, 2011. The Bujagali power plant has been evacuating power into the grid without any hindrances since its commissioning in August 2012. The transmission lines, which were constructed at 220 kV were initially energized and operated at 132 kV. The associated 132 kV Bujagali substation is currently being upgraded to 220 kV through savings realized from the AfDB/JICA transmission line project. All equipment has been installed; pending activities include modification and integration of existing secondary systems into the new systems. Final conversion to 220 kV will be completed following commissioning of the Bank-supported Bujagali-Kawanda 220 kV line bays (at Bujagali) and completion of the 220 kV upgrade works at Kawanda substation in 2018.

9. **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 mediated settlement. BEL filed its defense against the case on January 13, 2015. On December 21, 2015, the Court directed the Plaintiffs to advertise the lawsuit in the mainstream national newspapers within 21 days and to produce a valuation report on which they intended to rely in the suit. The suit is being followed by BEL's legal representative, and the company is keeping the Project Joint Lenders informed of the process. The Bank will participate in the Joint Lenders' missions to monitor the situation. The next Joint Lenders' mission was scheduled for January 2017 but has been postponed until current discussions on changes to BEL's shareholding structure are concluded.

10. On September 6 and September 20, 2016, the Inspection Panel registered new Requests for Inspection concerning the Project. The Requests were submitted by residents living in or close to

² Participating financial institutions.

the Kalagala Falls Site and allege that impacts from the Isimba hydropower plant (HPP, not financed by the Bank) which is being constructed downstream of the Bujagali HPP, will adversely affect them.

11. A class action suit has been filed in court against the Uganda Electricity Transmission Company Ltd. for additional compensation to 557 people who previously received compensation for loss of land to the transmission line. The Compliance Advisor Ombudsman of the International Finance Corporation is mediating an out-of-court settlement of this dispute.

III. IMPLEMENTATION OF THE MANAGEMENT ACTION PLAN

12. Table 1 below summarizes the status of actions taken under the MAP. Please see **Annex 1** for a more detailed description of activities.

Table 1: Status of MAP Implementation

Issues	Actions (Initial Commitment)	Status
MAP		
General		
Institutional Capacity	Management will follow up on: <ul style="list-style-type: none"> ▪ Establishment of a Project Monitoring Committee (Inter Agency Coordination Committee) ▪ Strengthening of capacities of BEL Environment and Social Unit (ESU) 	Completed
Guidance on Environmental and Social Safeguard Issues in Legacy Projects	<ul style="list-style-type: none"> ▪ Management will develop guidance on how to address environmental and social safeguard issues in legacy projects that suffer significant interruptions in implementation. 	Completed
Social Impact Assessment and Mitigation Measures		
Vulnerable Groups (OP4.12)	<ul style="list-style-type: none"> ▪ Management will follow up on BEL's programs, with timetable and targeted activities, to address needs of vulnerable groups. 	Completed
Cultural and Spiritual Values		
Physical Cultural Resources and Cultural Property Management Plan (OP4.11)	<ul style="list-style-type: none"> ▪ Management will follow up on Government of Uganda (GoU) commitments to ensure that the required capacities and resources are in place for the Government – coordinated by the Ministry of Energy and Mineral Development (MEMD), and including Local Councils – to update and implement the Cultural Property Management Plan (CPMP), which was part of the 2002 Resettlement and Community Development Action Plan (RCDAP) by June 2009. 	Completed
	<ul style="list-style-type: none"> ▪ BEL will update the Engineering, Procurement and Construction (EPC) Contractor's Code of Practice (which is covered in the 2007 CPMP developed by the Contractor) to include "chance find" procedures. 	Completed

Issues	Actions (Initial Commitment)	Status
Environment Assessment and Mitigation Measures		
Independent Panel of Experts (OP4.01 and OP13.05)	<ul style="list-style-type: none"> BEL will review the Environment and Social Independent PoE reports and disclose them by end-2008. 	Completed
Ongoing Supervision Activities		
General		
Institutional Capacity	<p>Management will follow up on:</p> <ul style="list-style-type: none"> Coordination arrangements of the MEMD Project Inter-Agency Coordination Committee; and The National Forest Authority (NFA) implementation capacity for the SMP for the Kalagala Falls Site and Mabira Central Forest Reserve. The Bank will continue to monitor the implementation of the SMP. 	<p>Completed</p> <p>Completed</p>
Social Impact Assessment and Mitigation Measures		
Remedial Steps for Updating and Completion of Baseline Socio-Economic Information (OP4.12)	<p>Management will ensure that:</p> <ul style="list-style-type: none"> Findings from the socio-economic survey (which will be completed by March 2009) are integrated into the Community Development Action Plan (CDAP) by BEL in its design of subproject activities; Above findings are reported in BEL's Quarterly Environment and Social Monitoring; 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 the Multilateral Investment Guarantee Agency (MIGA), BEL will improve the socio-economic database. 	<p>Completed</p> <p>Completed</p> <p>Completed</p>
Sharing of Project Benefits (OP4.12)	<ul style="list-style-type: none"> 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. 	Completed
Environment Assessment and Mitigation Measures		
Environment Management Plan and Kalagala Falls Site (OP4.01)	<ul style="list-style-type: none"> 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. Management will follow up on completion by NFA of the SMP for the Kalagala Falls Site, which includes the Mabira Central Forest Reserve by June 2009, including tourism development program. 	<p>Completed</p> <p>Completed</p>
Cumulative Impacts: Climate Change and Hydrology Risks; Potential Impacts on Lake Victoria; Alternative	<ul style="list-style-type: none"> Management will follow up on the GoU's commitment to disclose the Lake Victoria hydrological (water releases) information and make it available to the East African Community (EAC). 	Completed

Issues	Actions (Initial Commitment)	Status
Project Configurations (OP4.01)		

IV. PROGRESS IN THE IMPLEMENTATION OF OUTSTANDING ACTIVITIES FROM THE FIFTH PROGRESS REPORT

13. The paragraphs below provide information on the progress of activities that were outstanding in the last progress report.

Sustainable Management Plan

14. The GoU is supporting SMP implementation with an annual budget of UGX 400 million and the Bank’s Water Management and Development Project (WMDP) is financing the implementation of specific forestation related activities that are part of the SMP through a US\$4.2 million loan under the WMDP. Based on the findings of the WMDP Implementation Support Mission of October 2016, procurement of a service provider for demarcation and maintenance of 350 km of live boundary markers of five central forest reserves in Mabira is delayed, pending confirmation of funds. The funding gap of US\$180,000 needed for this activity depends on reallocation of funds from the ongoing boundary surveying and demarcation exercise using pillars. To date, 2,400 pillars for demarcation of five central forest reserves have been supplied and seedlings for restoration planting of 1,500 ha of degraded forest land have been raised ready for planting. Stakeholder consultations are underway to proceed with the works of demarcation and restoration planting. The Action under the MAP to support the preparation of the SMP has been completed with the preparation of the SMP. Implementation of the SMP by the Government is ongoing and the Bank will continue to monitor implementation of those SMP components that are relevant to the WMDP.

Electrification Activities

15. The BEL-assisted community infrastructure services provided for electrification in Project affected rural areas. As planned, this included electrification of the Naminya Resettlement Area and nine villages – Kikubamutwe, Malindi, Buloba, Naminya-Kiira, and Nankwanga on the west side and Bujagali, Ivnamba, Kyabirwa, and Namizzi on the east side of the river. BEL reported that the third and last phase of the network expansion supported under the Project was completed in 2015. Using cost savings, BEL commenced the construction of additional distribution lines, beyond the initial commitment, and these were completed in January 2017. 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 Limited.

16. **Household connections.** As of November 2016, the overall connection is at 575 households, exceeding the minimum target number of connections, which was set at 500.³ For the

³ The Financing Agreement between the Agence Française de Développement and BEL stipulates the minimum target number of connections at 500. The rural electrification program is deemed completed once this number of connections is achieved.

Naminya Resettlement Area, 31 connections were made (24 households of displaced people, 4 households of vulnerable people, 1 health center, and 2 health center staff houses). The connection process has now been completed.

Supplemental Action Plan⁴

17. The status of actions under the supplemental action plan endorsed by the Board in December 2008 is as follows:

Action	Status
<ul style="list-style-type: none"> • 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. • Distribution of four unallocated houses to four households identified by the representatives of the community as the most vulnerable in Naminya. There were eight additional unallocated houses and plots which, in consultation with representatives of the community, were to be donated to local schools and used for staff housing. • Upon consultation with households identified by the community as most vulnerable, BEL was to implement a program, including skills training or other assistance, similar to that identified for the informal tourism operators. 	<p>These actions have all been completed.</p>
<ul style="list-style-type: none"> • The outstanding land titles (three) are to be issued by the Mukono Land Office. 	<p style="text-align: center;">In Progress</p> <p>One of the three land titles that were outstanding at the time of the Fifth Progress Report has been issued; the second title is now in the Mukono Land Office with the land registrar for issuance, and the third is in the Entebbe Land Office for production of the site map and will be submitted to the local land registrar for issuance. BEL will continue to follow up on a regular basis until these titles are issued.</p>

⁴ The Resettlement Action Plan completion report submitted in May 2013 identified a few actions that were outstanding. Accordingly, BEL prepared a supplemental action plan which was reflected in the fourth progress report and the Bank continued to review implementation of this supplemental action plan as part of the MAP progress review.

Recent Developments

18. **Bujagali Indemnity Agreement (IA) and Isimba Hydropower Project.** The IA (2007) requires the GoU to set aside a defined site at Kalagala Falls to protect its natural habitat and environmental and spiritual values. Under the IA, any tourism development at the Kalagala Falls Site must be carried out in a manner acceptable to IDA and any power generation development that could adversely affect Uganda's ability to maintain the Kalagala Falls Site would require the agreement of IDA.

19. The GoU is developing the Isimba HPP, a 183.2 MW run-of-the-river project located about 36 km downstream of the Bujagali hydropower plant on the Nile River.⁵ The plant is expected to generate 1,039 GWh per year. The maximum height of the dam structure is 36.9 m. The reservoir surface area is 19.4 square kilometers and its volume is 60.8 million cubic meters. The reservoir, when full, will extend some 18 km upstream; it will not reach the Kalagala Falls, but it is expected to flood about 4.5 km of the Nile River within the Kalagala Falls Site. In addition to the power plant, the project includes construction of a 42-km, 132-kV double circuit line between the Isimba HPP site and the Bujagali substation.

20. The Isimba HPP is not supported by any part of the World Bank Group. It is financed by the GoU (15 percent) and a concessional loan from the Export-Import Bank of China (85 percent). Project construction has been contracted to China International Water & Electric Corporation, under an EPC contract in the amount of US\$567.7 million. Construction started in April 2015 and is to be completed in August 2018, with the first turbine coming on line in April 2018. The construction is about 45 percent complete at this time.

21. The GoU has shared the feasibility studies and the Environmental and Social Impact Assessment (ESIA) prepared for the Isimba HPP, which the Bank has reviewed. As noted above, the current design of the Isimba HPP requires a reservoir that will inundate a portion of the Nile River, which stretches into the Kalagala Falls Site, including a number of rapids that are located in that section of the river. In this context, Management has engaged continuously with the GoU to underscore the importance of complying with the IA. The GoU has responded by reiterating its commitment to the IA, and is currently preparing an Addendum to the Isimba HPP ESIA (ESIA Addendum) with funding provided through the IDA Energy for Rural Transformation Phase III Project. The ESIA Addendum will assess specific impacts of the Isimba HPP on the Kalagala Falls Site.

22. The ESIA Addendum will identify the potential impacts of the Isimba HPP on the natural habitat, environmental and spiritual values of the Kalagala Falls Site, if any, and corresponding mitigation measures. In addition, the GoU is now preparing a separate Long term Conservation Options Report (LTCOR) to address sustainability issues of the Kalagala Falls Site, as the IA will expire in 2023.

⁵ All distances are approximate.

V. NEXT STEPS

23. As part of WMDP implementation support Management will continue to monitor implementation of relevant parts of the SMP. Except for the issuance of two of the three outstanding land titles all other outstanding action items under the Management Action Plan (MAP) are complete. Management will follow up closely on the pending activities and submit a final progress report once the pending action is satisfactorily completed, or within 12 months, whichever comes first.

Annex 1
DETAILED STATUS OF ACTIVITIES IN THE MAP

Issues	Actions (Initial Commitment)	Status
MAP		
General		
Institutional Capacity	Management will follow up on: <ul style="list-style-type: none"> ▪ Establishment of a Project Monitoring Committee (Inter Agency Coordination Committee); and ▪ Strengthening of capacities of BEL ESU. 	<p>Completed. 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>Completed. 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 Safeguards Issues in Legacy Projects	<ul style="list-style-type: none"> ▪ Management will develop guidance on how to address environmental and social safeguards issues in legacy projects that suffer significant interruptions in implementation. 	<p>Completed. The <i>Interim Guidelines for Addressing Legacy Issues in World Bank Projects</i> were completed and disclosed in 2009.</p>
Social Impact Assessment and Mitigation Measures		
Vulnerable Groups (OP4.12)	<ul style="list-style-type: none"> ▪ Management will follow up on BEL’s programs, with timetable and targeted activities, to address needs of vulnerable groups. 	<p>Completed. 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>
Cultural and Spiritual Values		
Physical Cultural Resources and Cultural Property Management Plan (OP4.11)	<ul style="list-style-type: none"> ▪ 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; and ▪ BEL will update the EPC Contractor’s Code of Practice (which is covered in the 2007 	<p>Completed. 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> <p>Completed. 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.</p>

Issues	Actions (Initial Commitment)	Status
	CPMP developed by the Contractor) to include “chance find” procedures.	
Environmental Assessment and Mitigation Measures		
Independent Panel of Experts (OP4.01 and OP13.05)	<ul style="list-style-type: none"> • BEL will review the Environment and Social Independent Panel of Experts (PoE) reports and disclose them by end-2008. 	Completed. Management confirmed that PoE reports are filed and publicly available on BEL’s website.
Ongoing Supervision Activities		
General		
Institutional Capacity	<p>Management will follow up on:</p> <ul style="list-style-type: none"> ▪ Coordination arrangements of the MEMD Project Inter-Agency Coordination Committee; and ▪ The NFA implementation capacity for the SMP for the Kalagala Falls Site and Mabira Central Forest Reserve. 	<p>Completed. 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>Completed. Capacity development measures have been undertaken for the National Environment Management Authority and NFA, and field-based training programs will be continued.</p>
Social Impact Assessment and Mitigation Measures		
Remedial Steps for Updating and Completion of Baseline Socio-Economic Information (OP4.12)	<p>Management will ensure that:</p> <ul style="list-style-type: none"> ▪ 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; ▪ Above findings are reported in BEL’s Quarterly Environment and Social Monitoring; ▪ 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 	<p>Completed. The socio-economic survey, which was reported in the 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 subproject activities.</p> <p>Completed. 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 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>Completed. Socio-economic database set up in an electronic file and measured quarterly and reported in the QESMR.</p>

Issues	Actions (Initial Commitment)	Status
	evaluating impacts of livelihood restoration and community development; and through technical assistance (from MIGA), BEL will improve the socio-economic database.	
Sharing of Project Benefits (OP4.12)	<ul style="list-style-type: none"> ▪ 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. 	Completed. 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. 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. As of November 2016, the overall connection is at 575 households, exceeding the minimum target number of connections, which was set at 500.
Environmental Assessment and Mitigation Measures		
Environment Management Plan and Kalagala Falls Site(OP4.01)	<ul style="list-style-type: none"> • 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. • Management will follow up on completion by NFA of the SMP for the Kalagala Falls Site, which includes the Mabira Central Forest Reserve by June 2009, including tourism development program. 	<p>Completed. Target of 444 hectares reforested. Management assessed as satisfactory BEL’s ongoing afforestation activities.</p> <p>Completed. The Kalagala Falls Site SMP, including the Mabira Central 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. The Bank will continue to monitor the implementation of the SMP.</p>
Cumulative Impacts: Climate Change and Hydrology Risks; Potential Impacts on Lake Victoria; Alternative Project Configurations (OP4.01)	<ul style="list-style-type: none"> ▪ 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. 	Completed. 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.

