

**TECHNICAL ASSISTANCE FOR
RURAL POWER FOR POVERTY REDUCTION PROGRAM**

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RPPR II QUARTERLY REPORT

1 July 2005 Through 30 September 2005

Prepared By

NRECA INTERNATIONAL, LTD.

In Partnership With

RURAL ELECTRIFICATION BOARD OF BANGLADESH

And

USAID MISSION TO BANGLADESH

QUARTERLY REPORT
July 05 To September 05
*Technical Assistance for Rural Power For
Poverty Reduction II Program*

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I. Executive Summary

The following serves as a summary of the progress made on various activities under each of the four Activities and the subsequent Tasks, with additional details included under section III:

Program Activity A: Planning and System Engineering

Task A.1: Service Territory Database

- Completed the GIS project in its entirety for two more PBSs - Tangail and Mymensing 2.
- Proceeded with various sub-tasks associated with the GIS work at Narsinghdi 1 including: the integration of the transformer record card data into the GIS database; economic analysis and project definition: and system map printing (50 % completed.)
- Completed first run of integration of transformer record card data into the GIS database for Nilphamari PBS.

Task A.2: PBS Short and Medium Range Planning

- Initiated and completed the collection of load data and voltage variation data over 24-hour periods for all the 11KV feeders (25 Nos.) of Tangail PBS as part of the data collection process which will support the development of the Construction Work Plan.
- Developed the preliminary WindMil model for the existing 11kv system with existing loads of Tangail PBS with the recognition that further refinements to this model will be necessary.
- Completed the development of the preliminary WindMil model for the existing 33kv system of Tangail PBS, also with recognition that this model will be need to be checked and finalized, which will be completed during the early part of next quarter.
- Installed the production version of Electronic Record Card (ERC) software in the seven PBSs where the earlier version is currently in use.
- Conducted a training workshop at the NRECA office for the Data Entry Operators of PBS consultants using the production version of ERC software.

Program Activity B: Operations and Maintenance Programs

Task B.1: Preventive Maintenance Programs

- Developed a plan that will provide a transition in NRECA's role regarding the PBS substation maintenance program from one of teaching and direct supervision of the maintenance work, to one of monitoring and oversight to be accomplished with follow up visits and inspections.
- Developed a plan that will train REB System Operations personnel in how to properly provide oversight to the PBS substation maintenance work that is being completed by PBS personnel.

- Monitored progress of maintenance material procurement under Task B.2 and provided advise and assistance as needed.

Task B.2: Material Supply for O&M Program

- Assisted REB/PBS officials with the procurement of local purchase materials required for the coming season of annual substation maintenance at the three pilot-PBSs under Task B.1.
- Completed the review and proposed revision of the existing REB/PBS Policy Instruction 100-58 that deals with the process of acquiring maintenance materials and submitted it to REB's Executive Director for his review.
- Advised and assisted PBS officials with the procurement of materials from local vendors required for the annual maintenance program that begins next quarter (November).
- Advised and assisted REB/PBS officials with the process of "re-tendering" for the balance materials, which will be required for the upcoming substation maintenance.

Program Activity C: Strengthen Utility Performance

Task C.1: Strengthen Training Program and Procedures

- Continued with the development of curriculum materials (Trainer and Trainee Manuals) for the programs addressing the Operation, Maintenance and Repair of Transformer for Engineers, Technicians and Lineman (TO 230, TO 232, TL 042) and monitored the responses to the first draft of the Curriculum Outline received from the concerned REB personnel.
- Completed the translation of training materials (Trainer and Trainee Manuals) for the course entitled "Training of Trainers (TOT) that included special emphasis to Instructional Techniques which was an enhancement of REB Course IM 275).
- Conducted the Pilot Test of the enhanced Training of Trainers (TOT) Program with REB Training Directorate personnel and other REB officers who are involved in conducting programs for the Training Directorate.
- Worked closed with REB Finance personnel regarding the revision and updating of REB's Material Accounting Policy, which was submitted for approval, which was required in in order to complete the development of the curriculum materials for program entitled "REB Material Accounting Procedure" (IF 520).
- Continued with the development of the curriculum materials (Trainer and Trainee Manuals) for the program entitled "Understanding Financial Reports" (IF 335) that will be conducted for the PBS General Managers and Board Members.
- Prepared Report of the Participatory Workshop entitled "Enhancing Functional & Leadership Roles of GMs to Strengthen the PBSs in a Changing Environment" held during May 29 to June 02, 2005 and submitted it to REB for consideration in determining future actions to address problems and in support of efforts to identify training needs at the PBS level.

- Continued to participate in the development of communication toolkit for Good Governance Initiative that is being developed jointly by seven USAID-financed technical assistance projects having objective of improving local governance by empowering local citizens and making them active partners in determining the use and allocation of resources in their areas.

Task C.2: Enhance Computerization in REB and PBSs

- Continued with the on-going software deployment, field-test, debugging, fine-tuning, bill printing activities of the Consumer Information System (CIS) software package. The specific tasks accomplished during this quarter included:
 - Processed CIS generated Electricity Bills, printed and distributed bills to consumers for July, August and September in Mymensingh PBS 3 and for September in Kishoreganj PBS Headquarters. These Bills have been collected with the Bar Code Reader.
 - Delivered hands-on training on CIS operation provided for the Billing Assistants in Mymensingh PBS 3 and Kishoreganj.
 - Completed the initial version of the CIS User's Guide that will be part of the documentation package that will be required for future reference as to the software's design and development.
 - Organized orientation program on CIS software package for the Vendor Implementation Team (VIT) members from eight different vendor firms..
 - Held meetings/discussions with relevant REB personnel on various CIS implementation issues.
- Completed the required modifications to the REB Payroll in order to accommodate the new rules and parameters that are reflected in the new National Pay Scale that was declared recently by the GOB with the software package being upgraded, tested and implemented at REB Payroll section.
- Continued to provide ongoing support and training to PBS and REB personnel at NRECA office or if necessary at the PBSs on an "as needed basis".

Program Activity D: Supplemental Tasks

Task D.1: Updating Engineering and Construction Standards

- Conducted a formal review of the new Policy Instruction (100-61) on the renovation of taken over power lines and substations with the concerned REB personnel and then prepared a final draft of this Policy Instruction and submitted it to REB for formal approval.
- Reviewed and developed comments on REBs proposed revisions to several material specifications including meters, with the expectation that these comments will be finalized and formally submitted to REB next quarter.
- As part of standard practice, continued to advise and assist REB regarding engineering related issues that impact the overall RE Program.

Task D.2: Socio-Economic Impact Assessment

- Conducted four one-day refresher-training courses on socio-economic baseline data collection techniques and procedures that included 133 participants from three PBSs.

- Continued work on the preparation of different case stories on positive socio-economic impacts resulting from people having access to electricity including editing stories and translating some into English for future use by USAID and other development partners.
- Monitored the socio-economic data collection received from the seventeen participating PBSs and began the preparation of a report on the socio-economic conditions of households.
- Continued intensive follow up at PBSs for troubleshooting and accumulating entire data collected by the PBSs including that which is from more than 9,500 new member/consumers included during F/Y 2004-05.

II. Quarterly Reporting and Overview of RPPR II Program

Background on Quarterly Reporting:

Under the terms of NRECA International, Ltd's Contract with USAID, Quarterly Reports are to be submitted to provide information as to the status of the technical assistance provided under the Rural Power For Poverty Reduction (RPPR) II Program. It should be noted that this technical assistance effort follows a similar approach as to the RPPR Program in that it is "result oriented" and is very specific in terms of what is to be accomplished during the 5-year program. Unlike earlier Host Country Contracts (HCCs) between NRECA and REB where NRECA provided overall assistance to REB in all aspects of the RE Program, the RPPR II includes only specific Activities and Tasks. For this reason, it should be understood that Quarterly Reports for the RPPR II Program will present information as to the status of these activities and will not provide the same "broad-based" reporting on the entire RE Program as was done by NRECA under the previous HCCs with REB.

Comments on various other observations made by NRECA on the overall RE Program will be included, but for the most part will be primarily related to those areas that have direct and/or indirect impact on RPPR II activities.

General Description of RPPR II Program:

The objective of the RPPR II is to continue USAID's support of rural electrification in Bangladesh by concentrating on strengthening business operations and sector management so as to ensure institutional self-sufficiency and sustainability. Ultimately, the RPPR II will support USAID's overall objectives of poverty reduction in Bangladesh. The activities undertaken by REB and NRECA during this first year of the RPPR II program will be aimed at beginning the process of strengthening management and technical capability of the a group of selected PBSs. These activities will promote credibility and viability among these entities so that IFI and MDB donor funding will continue to be available for infrastructure and ongoing technical assistance; and will assist in preparing the REB system for the changes in the Bangladesh electric industry.

RPPR Mission Statement:

"To reduce rural poverty by enhancing the capacity of the PBSs to provide efficient user-owned electric service for the benefit of the customers."

RPPR II Program Objectives:

The overall RPPR II Program will promote the sufficiency and sustainability of the RE Program as a means of ensuring that the gains made over the last twenty five years will be continued with a reduced need for foreign assistance. Specifically the RPPR Program involves the completion of the eight specific Tasks under four Program Activities that support the following four main objectives:

- ***Planning and System Engineering:*** This Activity involves the completion of two tasks, including extending the geographic information systems (GIS) to an additional seven PBSs beyond the four systems developed under RPPR: developing improved planning capabilities at REB and the consulting engineering firms serving two PBSs. These efforts will be led by a long term Engineering and Operations Advisor supported by two short-term specialists. The GIS Specialist will provide specific technical support for development of the GIS task. The Planning Specialists will provide training to the consulting engineers in advanced analysis techniques. The expertise developed from the work in these limited number of PBSs will be expanded to additional PBSs.

- **Operations and Maintenance Program:** The focus of this Activity will include undertaking two tasks - strengthening preventive maintenance programs at two PBSs and working with the REB to institutionalize maintenance materials procurement and warehousing at REB and the PBSs. This Activity will be led by the Engineering and Operations Advisor and will be supported by two short-term specialists. The Maintenance Systems Specialist will provide specific guidance on execution and planning of line and equipment maintenance tasks. The Materials Specialist will work with REB and the PBSs to streamline maintenance material acquisition and warehousing.
- **Strengthening Utility Performance:** This focus area will involve two tasks. NRECA will work to strengthen the REB training function and complete the computerization task begun under RPPR I. The effort will be guided and managed by the Team Leader. Two short-term specialists will support the Team Leader with expertise in training and computerization. Because of the demands on the Team Leader's time and the limited funding available to support the specialists, the bulk of the responsibility for execution of both the training support and computerization programs will fall to seasoned local professionals, all of whom are long term NRECA employees
- **Supplemental Tasks:** This focus area includes Tasks of a specific nature which have been requested by REB and which do not fall into any of the categories above. One task consists of a review and updating of the engineering and construction standards in use at REB with an eye to adapting them both to changing times and to new requirements for such things as construction of primary line in densely populated urban areas taken over from BPDB. In addition, the need for a socio economic assessment of the impact on rural poverty of electrification has been recognized for some time, and this focus area will include the further institutionalization at REB of capability for evaluating such impacts. The standards review will be carried out by an Engineering Specialist under the supervision of the Engineering and Operations Advisor, while the socio economic assessment will be conducted by local professionals on NRECA's staff under the supervision of the Team Leader.

RPPR Program Elements:

- Implementing Agency: Rural Electrification Board
- Duration: Five Years: Sept 26, 2002 through September 30, 2007
- Total Amount: US\$ 9.69 million (Tk.56.2 crore)
- Donor Funding: US Agency for International Development (USAID) - Contract

Program Implementation Strategy As "Partnership"

The design and development of the original RPPR I Program was through a "partnership" between the REB, USAID, and NRECA International, Ltd. and this partnership arrangement will continue in RPPR II. The design of the Program was completed under a *Tripartite Agreement* between the partners. With the incorporation of the RPPR II Program into the *Strategic Objective Grant Agreement*, which was executed on March 20, 2000 between the GOB's Economic Resource Division (ERD) and USAID, the partners formally entered into a *Trilateral Agreement* that provides direction for the implementation of the RPPR II Program. This Agreement, which was executed on October 29, 2002, outlines the various responsibilities of the respective partners.

III. Quarterly Status & Planning on Program Activities with Tasks

Program Activity A: *Planning and System Engineering*

Task A.1: Service Territory Database

Status as of this Quarter:

- Completed the integration of the transformer record card data into the GIS database for Narsingdi PBS 1.
- Continued with the processing of satellite imagery for the service territory of Nilphamari PBS for incorporation into its initial GIS database.
- Integrated transformer record card data provided by Nilphamari PBS into their GIS database, however some of this data was found to be incomplete and sent back to the PBS for refinement.
 - Subsequently the PBS submitted additional transformer data that was sufficiently accurate and complete so as to allow the full integration of this data into the GIS data base to be completed early next quarter.
- Completed the GIS projects in their entirety for two more PBSs - Tangail and Mymensing 2.
- Began work related to the economic analysis and project definition analysis for Narsinghdi 1 PBS.
- Completed approximately 50% of the system map printing for Narsingdi 1 PBS.

Plans for Next Quarter:

- Complete all phases of the GIS projects for both Narsingdi 1 and Nilphamari PBSs.
- Begin the update of the Manikganj PBS GIS database that was initially prepared as part of the GIS pilot test, which was conducted under RPPR I with the goal to complete the update by the end of the quarter.

Task A.2: PBS Short and Medium Range Planning

Status as of this Quarter:

- Continued to work with REB on the development of a transition plan from REB's current practice of following Master Plan to following the Construction Work Plan as per Policy Instruction 100-23.
- Continued the implementation of Electric Record Card (ERC) by accomplishing the following:
 - Installed production version of ERC software in the seven PBSs where the earlier version was being utilized.
 - Conducted a "hands on" training workshop at the offices of NRECA for the Data Entry Operators of PBS consultants using the production version of ERC software.

- Worked directly with REB to obtain the necessary signatures for the execution of the “Trilateral Agreement” between ECBL, REB and NRECA related to the use of the available MilSoft software packages.
 - Member Engineer secured approval from the REB Board to execute this agreement and forwarded this to the Director SE&D for signature, however as of the end of the quarter, that actual execution of the agreement was still pending.
 - This software will be used by one of the local consulting firms (ECBL) during the training period that is related to development of the updated Construction Work Plan, which is part of the integrated planning methods being demonstrated at Manikganj PBS.
- Collected load data and voltage variation data over 24-hour periods for all the 11KV feeders (25 Nos.) of Tangail PBS as part of the data collection process required for the development of the Construction Work Plan.
- Developed the preliminary WindMil model for the existing 11kv system with existing loads of Tangail PBS with the recognition that further refinements to this model will be necessary.
- Completed the development of the preliminary WindMil model for the existing 33kv system of Tangail PBS, also with recognition that this model will be need to be checked and finalized, which will be completed during the early part of next quarter.

Plans for Next Quarter:

- Finalize the 33kv WindMil Model for Tangail PBS.
- Complete the refinements to the WindMil Model for the 11kv existing system and existing load for Tangail PBS.
- Develop the Existing System, Future Load WindMil Model for Tangail PBS.
- Begin the development of the Future System, Future Load WindMil Model for Tangail PBS.
 - This process entails identifying the construction projects that will represent cost effective ways for Tangail PBS to improve their quality of service and net margins.
 - These construction projects include load intensification projects, line extension projects and projects necessary to solve operational and maintenance problems.

Program Activity B: *Operations and Maintenance Programs*

Task B.1: Preventive Maintenance Programs

Status as of this Quarter:

- Continued follow-up with REB on the approval of the proposed revisions of the two main PBS Maintenance Guidelines (PBS Policy Instruction 100-29 (Substation Operation, Inspection and Maintenance Manual) and 100-30 (Distribution Operation, Inspection and Maintenance Instructions)), which were previously submitted to REB.
- Interacted with REB with respect to the evaluation of the impact on RPPR II Task B.1 and B.2 with respect to Narsingdi PBS-1 having been split up with a portion of its

territory being included under the newly formed Narayanganj PBS and developed a plan to that would be accommodate these changes.

- The newly formed PBS will now have 16 out of total 22 substations with Narsingdi PBS 1 being left with only six of their original 28 substations.
- Coordinated with REB to develop the plan and approach for the upcoming annual substation maintenance program during the dry season at the pilot PBSs.
 - This plan includes transitioning the responsibility of REB from that of direct supervision of the substation maintenance to the responsibility of oversight (approving schedules and spot checking the maintenance work within a week after its completed to assure it is being done properly, etc.).
 - The plan also includes having NRECA transitioning it role whereby it would be providing a monitoring and follow up approach rather then continuing with the "hands-on training" that has been the approach thus far.
- Continued to monitor progress of maintenance material procurement under Task B.2.

Plans for Next Quarter:

- Continue to follow-up with REB regarding effort to obtain the approval of the proposed revisions of the two main PBS Maintenance Guidelines (PBS Policy Instruction 100-29 (Substation Operation, Inspection and Maintenance Manual) and 100-30 (Distribution Operation, Inspection and Maintenance Instructions)) which were previously submitted to REB
- Bring the Narayanganj PBS into the Pilot Maintenance Program due to Narsingdi PBS 1 being split into two PBSs and forming Narayanganj PBS as of July 2005 and making it the fourth pilot PBS included in the Maintenance Program of RPPR II.
- Continue with some "hands-on training" on substation maintenance for line technicians from nine additional PBSs during this coming maintenance season.
(Note: some of this training will be done by NRECA with some training be delivered through PBS personnel from the pilot maintenance PBSs that were trained previously.)
- Initiate the process whereby NREC will transition from the role of direct supervision of the substation maintenance work at the pilot maintenance PBSs to the role of simply providing monitoring and oversight.
 - This is the same transition process that is recommended for REB, which means that during this season training will be provided to REB system operations personnel on how to properly provide oversight to the PBS substation maintenance program.

Task B.2: Material Supply for O&M Program

Status as of this Quarter:

- Completed the review and revision of the existing OMRR policy 100-58 and delivered to REB Executive Director who has been appointed "chairman" of a committee with the responsibility to submit a proposed revision to the OMRR Policy 100-58.

- Advised and assisted PBS officials with the procurement of materials from local vendors required for the annual maintenance program at substations in the three pilot PBSs that will begin during the month of November.
- Provided advise and assistance to REB/PBS officials with the process of re-tendering for the balance materials, which are not likely available in local market, but would still be required for the substation maintenance in the three pilot PBSs.
- Worked with PBS personnel at the three pilot maintenance PBSs to assist with efforts to properly organize and store the OMRR material in their respective PBS warehouses.
- Developed a plan of approach for procurement of substation maintenance material in view of split-up of Narsingdi PBS 1 and the formation of Narayanganj PBS as described under Task B.1.

Plans for Next Quarter:

- Continue to gather relevant information related to problems arising within REB and PBSs with respect to the implementation of the OMRR policy and seek solutions to the identified problems, as well as other information that will support improvements in both practice and in the context of the OMRR Policy Instruction.
 - Consult with the Executive Director and other members of the committee that has been formed to complete the necessary revisions to this policy.
- Support REB and PBS efforts to held ensure that the required maintenance materials are procured by REB/PBSs for the upcoming substation maintenance program to be executed in the next two quarters in the three (now four) pilot PBSs.

Program Activity C: Strengthen Utility Performance

Task C.1: Strengthen Training Program and Procedures

Status as of this Quarter:

- Continued with following curriculum development activities in consultation with the concerned personnel of REB's Training Directorates:
 - Proceeded with the task of developing the curriculum materials (Trainer and Trainee manuals) for the following training programs and continued to monitor feedback coming from the concerned REB officers on the Curriculum Review Committee with respect to the proposed Curriculum Outline that was submitted earlier:
 - ▣ Operation, Maintenance and Repair of Transformer for Engineers (TO 230).
 - ▣ Operation, Maintenance and Repair of Transformer for Technicians (TO 232).
 - ▣ Operation, Maintenance and Repair of Transformer for Lineman (TL 042).

(Note: Feedback and comments on the draft Curriculum outline were collected from: System Operation Directorate, Central Zone, Southern and Northern Zone, Training Directorate, Information and Communication Technology (ICT) Directorate, and Clearing, Storage and Movement (CS&M) Directorate of REB. The comments have been analyzed and a comparative statement has been developed which will be discussed in the next Curriculum Review Committee meeting)

- Proceeded with the work for developing training manual on the following training program after receiving comments and recommendations from REB Curriculum Review Committee on its Curriculum Outline:
 - ▣ Material Accounting for Assistant Directors (Finance) and Accountants of REB (IF 520)

(Note: As it has been identified previously, the development of these curriculum materials indicated the need for the precedence of some relevant modification in REB Instructional Series and Policy, which resulted in an extensive review of the same having been undertaken thorough consultations with REB concerned authority. Accordingly, NRECA worked with REB Finance personnel in the development of draft recommendations that have been submitted to REB for approval as the revised REB Material Accounting Policy.)

- Proceeded with the task of developing curriculum materials for the following training programs from the REB Curriculum Plan that are designed for the General Managers and Board Members of PBSs for improving their effectiveness within their respective roles of the PBS management:
 - ▣ Understanding Financial Reports (Form 550) (IF 335)

(Note: During the development of these curriculum materials (Trainer and Trainee Manuals) it was identified that there was a need of a handy booklet that could be used by the PBS Board Members. Accordingly, during the reporting period, work began for developing this small booklet, which will be prepared in Bangla and written in simple language with illustrations and diagrams.)

- Based on a specific REB request, developed updated curriculum materials (Trainer and Trainee Manuals) and conducted the pilot test of the following training program with REB and PBSs employees who act as trainers in the training events:
 - ▣ Training of Trainers (TOT) Course with Special Emphasis to Instructional Techniques (A Further Extension of the REB Course IM 275).

(Note: The pilot test was conducted with a total number of 28 officers from REB Training Directorate and other concerned Directorates. This revised TOT program included topics from the earlier TOT with significant focus use of different participatory training methods other than the standard lecture method that has been the primary method used by REB in the past. The new concept of "participatory approach" of training created an opportunity for introducing its practice and resulted in the participants developing an appreciation for this approach.)

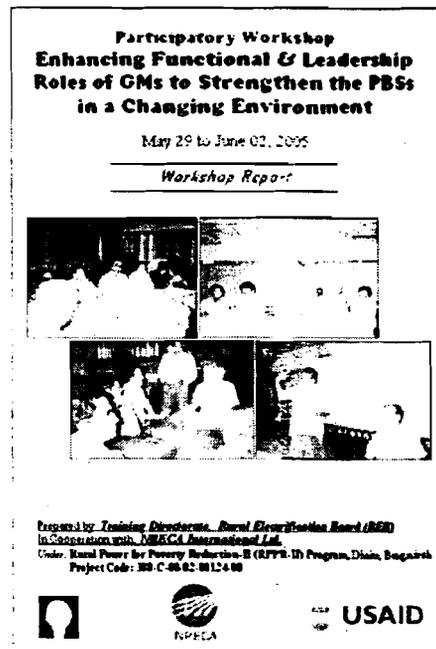
- Continued with the work of participation in the development of communication/training toolkit for Good Governance (Project name: The Shoshashoner Anneshonny - Bangla translation for "Zone of Good Governance") Initiative, which was developed jointly by seven USAID-financed technical assistance projects?
 - As noted in previous reports, the overall objective of this initiative is to introduce methods for communicating to local citizens as a means of improving local governance by empowering them and assisting them to become more active partners in determining the use and allocation of project-related resources in their areas.
- Prepared the Report of the Participatory Workshop entitled "*Enhancing Functional & Leadership Roles of GMs to Strengthen the PBSs in a Changing Environment*" facilitated by NRECA, held during May 29 to June 02, 2005 which included a review of

the roles and responsibilities in view of the changing situation of the RE Program, as well as enhancing their leadership capabilities.

- This document contains the proceedings and the outcome of the workshop to be used as a reference to the General Managers for better understanding the present changing scenario of RE program and some mechanisms for dealing with it efficiently.

(Note: The idea of holding this special Workshop for the GMs was suggested by the REB Chairman as a way of working to enhance the capabilities of the GMs.)

- Contributed in the development of graphical work in support to different components of RPPR program including:
 - Draft layout design for REB Brochure per the REB Chairman's request.
 - Cover design for the Report of the Participatory Workshop entitled "*Enhancing Functional & Leadership Roles of GMs to Strengthen the PBSs in a Changing Environment*" facilitated by NRECA, held during May 29 to June 02, 2005
 - Draft Illustrations and design of the Small handbook on Understanding Financial Reports (Form 550) (IF 335)
- Continued with further revisions to the draft Training Needs Assessment (TNA) of the employees of REB and the PBSs.
 - The Short-Term Training Specialist, Dr. Dupont provided some additional information relevant to the development of PBS Board and Management with is relevant for the Training Needs Assessment.
 - In support of the development of options for the institutional framework for the development of the REB Training Academy, Dr. Dupont also completed visits to the University of Wisconsin (Note: NRECA has a formal program with the University for providing various types of training primarily focused on professional and management development) and to the Northwest Public Power Association (NWPPA) which also provides training for US cooperative personnel.
- During the reporting period following number of participants were involved in various training programs arranged by REB, PBS and NRECA:



Month	Organization	Male	Female	Total
July 2005	REB/PBS	363	242	605
	NRECA	6	1	7
August 2005	REB/PBS	317	118	435
	NRECA	53	4	57

September 2005	REB/PBS	286	181	467
	NRECA	84	4	88
Total (Jul. '05 to Sep. '05)	REB/PBS	966	541	1,507
	NRECA	143	9	152
Grand Total		1,109	550	1,659

(Note: These training numbers are submitted to USAID on a monthly basis for inclusion into the TraiNet reporting system.)

Plans for Next Quarter:

- Continue with curriculum development subtasks including:
 - Proceed with the task of developing curriculum materials (Trainer and Trainee Manuals) for the following engineering/technical programs:
 - ☒ Operation and Maintenance of Transformer for Engineers and Lineman (TO 230, TO 232, TL 042).
 - ☒ Operation and Maintenance of Equipment and Materials used in Takeover Substations coming to the PBSs from PDB.
 - Proceed with the task of developing the following finance curriculum materials (Trainer and Trainee Manuals) for both REB and PBS personnel:
 - ☒ Material Accounting for Assistant Directors (Finance) and Accountants of REB (IF 520)

(Note: Further progress on completing these curriculum materials will depend on action by REB to approve the revised policy instruction related to Material Accounting on which the training content will be based.)
 - ☒ Understanding Financial Reports (IF 335)
 - Initiate the development the following Management curriculum materials (Trainer and Trainee Manuals) for REB and PBS management personnel:
 - ☒ Interpersonal Communication (IM 150, IM 151, IM 152)
- Continue with the task of completing additional revisions after receiving the feedback and comments on the contents of information being included in the Training Needs Assessment (TNA) of the employees of REB and the PBSs.
 - Incorporate the information provided by Dr. Dupont, which is relevant to the development of PBS Board and Management into the existing draft of the Training Needs Assessment, which specific utilization of the information gained from conducting the three GM workshops
- Proceed with the task of organizing and conducting the 2nd and 3rd Participatory Workshops for PBS General Managers entitled *Enhancing Functional & Leadership Roles of GMs to Strengthen the PBSs in a Changing Environment* that are scheduled for late November and early December.
- Continue with the task of graphic work (including scanning and illustrating) for different training manuals development and general support to other relevant activities of the RPPR II program.

Task C.2: Enhance Computerization in REB and PBSsStatus as of this Quarter:

- Continued with the on-going activities of the Customer Information System (CIS) software package. The specific tasks involved in these activities during this reporting period are as follows:
 - After the successful test and debugging of the CIS package, processed CIS generated Electricity Bills, printed and distributed bills to consumers for July, August and September in Mymensingh PBS 3 and for September in Kishoreganj PBS Headquarters. These Bills have been collected with the Bar Code Reader.
 - Delivered hands-on training on CIS operation provided for the Billing Assistants in Mymensingh PBS 3 and Kishoreganj Headquarters with some very limited progress in the zonal offices due to computer equipment not being available, relocation of one zonal office, and inadequate facilities for the computer equipment.
 - Organized a two-day orientation program on CIS software package for the Vendor Implementation Team (VIT) members from eight different vendor firms.

(Note: During this orientation program, the CIS software package was demonstrated to the VIT members who included representatives from eight different vendor firms. During the course of this orientation program it became apparent that the VIT members finally realized that they are part of the whole process, which should help, ensure their dedicated involvement in the deployment of this software package in the PBSs they will be assigned to. It is important to note that approximately 50% of the VIT members attended the program were new and did not attend the previous session which indicates that the respective vendor firms may be having some difficulties retaining their employees particularly in view of the fact that the individual contracts with the participating PBSs had not yet been executed.)

IMPORTANT: Without proper involvement from the vendor firms, NRECA will not be able to successfully implement the CIS in a wide number of PBSs. The utilization of these firms is a critical component of NRECA's "exit strategy" with respect to computerization.

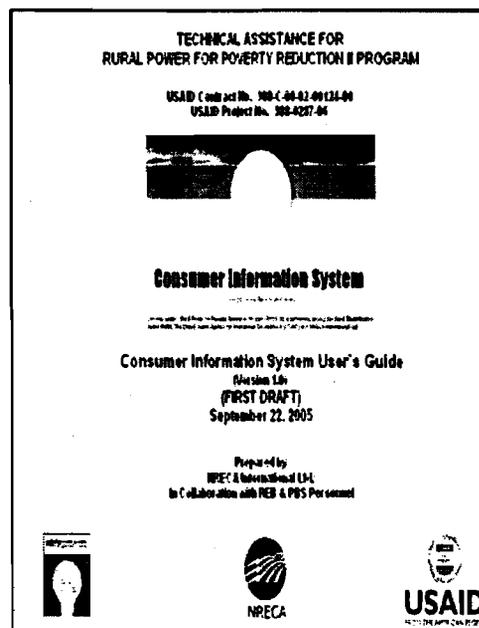
- Started providing hands-on training for the VIT members in two Pilot PBSs with a view of providing sufficient training to enable them to work independently in the future at additional PBSs as the CIS is rolled out.
- Organized CIS orientation program for the Rangpur PBS 1 Billing Assistants who will be users of the CIS with participation also including representatives from the assigned vendor firm.
- Held numerous meetings/discussions with relevant REB and PBS personnel on various issues that have arisen during the implementation of the CIS software package in the two pilot PBSs.

(Examples of some of the issues discussed in these meetings related to things such as: Concept of DM/CM before and after net bill; Taka vs. Paisa accounting; Billing instructions for office Ansars; Billing Instructions for PBS office consumption of electricity; Billing for charitable institute (CI) consumers; Changes to the format of

the pre-printed "Bill Form"; Difference between minimum bill and the actual bill for irrigation consumers etc.)

- Completed the revision and updating of the pre-printed electricity "bill form" that is currently being used in the two pilot PBSs based on input from the relevant REB and the PBS officials.
- Prepared and presented Long Term CIS implementation plan that reflected the activities to be accomplished in the pilot PBSs, as well as in the next group of nine PBSs selected for CIS implementation and conversion.
- Completed the initial version of the CIS User's Guide that will be part of the documentation package that will be required for future reference as to the software's design and development and distributed it to VIT members during their orientation on September 26-27, 2005
- Installed CIS software package in Nandail Zonal Office of Kishoreganj PBS and trained the relevant users on its operation.

(Note: Progress in data entry in this Zonal Office has not been satisfactory for various reasons including facilities. The area selected as the Computer Room does not have enough space to accommodate the required number of computers and the accessories. Also, the Air Conditioner has not yet been fixed.)



- Continued providing ongoing support and training to PBS and REB personnel at NRECA Office or if necessary at the PBSs on an "as needed basis"
- Support provided to REB Rate Cell in upgrading the Statistical Database to accommodate the changes occurred due to the creation of three new PBSs (Narayanganj, Gazipur and Chittagong 3) that occurred from July 2005.

(Note: Five existing PBSs have also been affected by the creation of these new three PBSs for which Statistical Database modifications were also required)

- Continued with the modifications on the REB Payroll software package in order to accommodate the new rules and parameters that were added in the new National Pay Scale, as declared recently by the Govt. of Bangladesh.
 - The software package was upgraded, tested and implemented at REB Payroll section.

Plans for Next Quarter

- Continue with the on-going CIS activities in the pilot PBSs as well as in next group of nine PBSs selected for CIS implementation and data conversion. The specific tasks to be involved in these activities are as follows:

- Complete the Preparation of Aging Report in Mymensingh PBS 3 to complete the pilot implementation of the CIS software package.
(Note: This task depends on the volume of unpaid Bills for the months prior to CIS generated Bills were prepared as these bills need to be reflected in the CIS data base from which the CIS software will generate the Aging Report)
- Continue preparation of Consumer Bills in Kishoreganj Headquarters with an aim to prepare the Aging Report in the Month of December.
(Note: CIS activities in this PBS have been severely hampered by several problems including power supply problems, corruption of database, etc.)
- Supervise and monitor progress in data entry in Nandail Zonal Office of the Kishoreganj PBS.
(Note: Progress in data entry in this Zonal Office in the last quarter has not satisfactory due to a series of problems including the fact that the computer room needs to be renovated and more space is required to accommodate the Server, workstations and the other accessories. An air conditioner is also needed soon)
- Install CIS at Kotiadi Zonal Office of the Kishoreganj PBS when this office the shifting of this office to a new rented house is completed in October and provide training on the functionality and operation of CIS to the Billing Assistants in that office.
- Continue with the CIS Orientation Program for the Vendor Implementation Team members.
- Complete CIS orientation program for the users in Barisal PBS-1 and the assigned vendor firm.
(Note: This program had to be postponed due to some urgent CIS activities that required attention at the Kishoreganj PBS Headquarters.)
- Install "Postgress" version of the CIS software package in the next group of PBSs in their existing computers in order for those PBSs to begin entering basic CIS data (member information, etc).
(Note: This data entry module will allow the data entry process to begin at the upcoming PBSs prior to the completion of the procurement and installation of the Oracle RDBMS at these participating PBSs, thus it will help enhance the development of the initial database that must be built from all the consumer data before the CIS package can begin preparing bills).
- Organize a workshop/review session with the concerned REB officials to review the PBS Billing Instruction Policy Manual (being prepared by NRECA's Computer Specialist) that will accommodate the automation of the billing process as provided by the CIS software and render the current Policy Instruction for the manual system out of date.
- Initiate preparation of the remaining CIS documents (Technical Document, Rules & Parameters etc), as well as the for the other software packages designed and developed by NRECA.
- Update CIS User Guide accommodating the features included after the first draft had been prepared. Prepare the Bangla version of the manual

- Finalize the CIS Implementation Guide
- Continue debugging, fine-tuning and updating the CIS software package
(Note: Being that the is still being pilot tested in two PBSs, it is expected that some modifications and fine-tuning will be required as the testing continues.)
- Reinitiate deployment of Material Management software package (1st phase – excluding the Material Accounting) in the relevant REB Directorates and the Warehouses.
(Note: This task had to be postponed due the demands placed on the NRECA Computer Team during the CIS deployment in the two pilot PBSs).
- Continue to provide support to REB's Rate Cell on an as needed basis with respect to the utilization of the the Statistical Database that is used to produce the monthly MIS Reports and which also provides other types of new reports that are requested by Ministray and others from time to time.
- Continue to provide ongoing support and training to PBS and REB personnel at NRECA office or if necessary at the PBSs on an "as needed basis".

Program Activity D: *Supplemental Tasks*

Task D.1: Updating Engineering and Construction Standards

Results as of this Quarter:

- Conducted a review meeting with REB/PBS personnel through involvement of the Short Term Engineering Specialist in order to finalize the newly developed Policy Instruction 100-61 that addresses the renovation of lines and substations taken over from PBDB.
- Prepared a final draft of Policy Instruction 100-61 based on the input received from REB officials that attended the review meeting.
 - Policy Instruction 100-61 was submitted to REB for formal approval.
- Reviewed and provided comments on REBs proposed revisions to several material specifications including meters.
 - A number of proposed revisions to these standards have been developed and have been forwarded to several vendors who agreed to review them and provide feedback.
- As part of standard practice, continued to advise and assist REB regarding engineering related issues in support of ongoing changes in equipment and new technology that requires a review prior to making changes in equipment specifications and standards.

Plans for Next Quarter:

- Review input received from vendors and complete the preparation of the revised REB material specifications described above and submit to REB.
- Prepare a strategy for completing the updating of the engineering and construction standards that are a major component of this Task in order to proceed with this work.
- As part of standard practice, continued to advise and assist REB regarding engineering related issues in support of ongoing changes in equipment and new technology that requires a review prior to making changes in equipment specifications and standards.

Task D.2: Socio-Economic Impact Assessment

Status as of this Quarter:

- Conducted four one-day refresher-training programs for the old enumerators and one course for new the enumerators, on baseline data collection techniques and procedures with a total of 133 (male 122 and female 11) participants attending from 3 PBSs.
- Continued work on the preparation of different case stories on positive socio-economic impacts resulting from people having access to electricity including editing stories and translating some into English for future use by USAID and other development partners.
- Continued intensive follow up at PBSs for troubleshooting and accumulating entire socio-economic baseline data collected (on sample basis) by 17 participating PBSs from more than 9,500 new member/consumers from F/Y 2004-05.
- Prepared a two-page report presents NRECA's experiences on Imam Orientation Course under the USAID financed LOI Program led by The Asia Foundation Bangladesh.

Plan for the Next Quarter

- Complete the preparation of the PBS Performance report on Socio-economic Baseline Data Collection, 2004-2005.
- Proceed with the finalization of the Baseline Report of the Domestic Consumer based on data from 2004-2005.
- Revise the manual that provides information related to the process of Data Entry for the Socio-Economic Baseline System.
- Revise the program materials for the Refresher Training and print 1,000 copies for use during the delivery of these refresher programs.

IV. Quarterly Status & Planning of Project Management For RPPR

Project Management/Administration For Program-Related Issues

Status as of this Quarter:

- Completed a major review of the remaining work to be accomplished under the Scoper of Work for RPPR II and the related budget in order to determine necessary reallocations for the line items in order to effectively utilize resources available through Sept 30, 2007.
 - The revised budget with supporting narrative regarding changes was submitted to the CTO for his review and comment in preparation for finalizing for submission to the Contracts Office for approval.
 - Explored options for adding a third expatriate Advisor who would focus on the Tasks (B.1 and B.2) included under the Operations and Maintenance Procedures Activity and identified a suitable candidate.
- Completed the required Country Clearances for the following Short Term Advisors who completed assignments during the reporting period: Robert Saint, Jim VanCoevering, Sam West, Craig Dickson, and Bud Stanley.
- Continued with investigations with USAID, US Embassy and other NGOs in order to locate suitable medical insurance providers for incorporating this coverage for local staff. These investigations involved further communications with various providers as well as customers of these various providers.
- Monitored progress with respect to the change in Embassy policy with respect to expatriate long term contractors having continued access to the Medical Unit.
- Continued consultations with the local Ford deal in an attempt to determine solutions for obtaining spare parts for the Ford Explorers that were imported under RPPR I.

(Note: As noted in previous Reports, having the proper service from the local dealer has been problematic for NRECA and other USAID partners who purchased the Ford Explorers in 1998. There have been limited solutions to this problem so efforts were made to again attempt to see if the dealer will provide the service and spare parts to keep the vehicles on the road.)

Plans for Next Quarter:

- The Arlington office will complete logistical processing (ticketing, visas, etc.) for the following ST Specialists who are scheduled for assignments in Bangladesh during the upcoming quarter: Sam West, Jim VanCoevering, Craig Dickson, and Randall Dupont.
- Pursue with the Contracts Office to obtain concurrence regarding the revised budget and reallocation for RPPR II.
- Arrange for meetings and project activities that will provide a meaningful orientation to the Bangladesh RE Program for NRECA's Sr. V.P., Mr. Vivek Talvadkar who will make is initial visit to the view Program activities.
- Continue with earlier investigations of potential medical insurance providers for incorporating this coverage for local staff including consultation with USAID/Embassy and other NGOs.

V. Brief Summary of Related Observations & Other RE Activities

Key Operational Information

The following table reflects key operational information regarding the seventy (70) commercially operating PBSs included in the RE Program for the months of July, August and September 2005, as contained in the selected REB Management Information System (MIS) Reports:

Description	June 2005	July 2005	August 2005	Sept. 2005	Change - 3 Months Period
System Loss (12 mo. Avg.)	13.78	13.63	13.43	13.48	- 0.30%
System Loss (this month's Avg.)	15.67	15.13	14.45	12.83	+ 2.84%
Percentage of Collection (12 mo. Avg.)	97.93	95.66	96.53	96.74	- 1.19%
Percentage of Collection (this mo. Avg.)	148.72	83.24	89.33	89.11	+ 59.61%
Accounts Receivable (# mo. Outstanding)	1.85	1.75	1.66	1.90	- 0.05
Total Villages Energized	44,224	44,578	44,786	45,078	- 854
Number of New Meter Connections	64,818	89,728	86,267	74,406	+ 250,401*
Total # of Meters Connected	6,129,817	6,219,430	6,305,697	6,380,103	+ 250,286*
Total Km of Energized Line	188,024	192,056	193,117	194,397	+ 6,373
MWH Purchased YTD - % of change last yr.	8.88%	17.30%	15.38%	17.88%	

(Note: The difference of 115 marked with an asterisk (*) shown in the right hand column for the Number of New Meter Connections and the Total # of Meter Connected was traced to there being some difference in the totals shown for the Number of New Meters Connections reflected in the MIS Report for the month of July 2005. No explanation is provided but this Note recognizes that there is a difference in the totals when these are normally the same figure.)

- For this three-month reporting period, the operational statistics for the 70 energized PBSs continue to reflect that the overall RE Program shows significant expansion with 25,0286 *New connections* being made during this reporting period. This averages out to 83,428.66 per month or 3,271.71 per working day based on an average of 25.5 day working days/month. As part of this ongoing expansion, 854 *new villages* received electric service. Also, the total amount of *energized line* increased by 6,373 km during these three months for an average of 2,124 km/month or 83 km/day being electrified during an average month of 25.5 working days.
- As of the end of the reporting period, the overall *12-Month Average System Loss* for all 70 operating PBSs decreased by 0.30% over the three-month reporting period with this indicator being at 13.48% for the month of September.

(Note: As has been indicated in previous reports, the ongoing project with the World Bank involving the takeover of significant amounts of distribution line and pockets (initially fixed at up to 3 MW load centers) continues to challenge some of the PBSs more than others regarding their capabilities to get the losses associated with these areas under control. While a significant portion of the line transfers have been completed under this project, renovation work continues as does efforts to reduce the losses.)

- There was a significant decrease of 2.84% in the *Average Monthly System Loss* for the reporting period, which brings this indicator to 12.83%.
- The overall *Percentage of Collection (12 months average)* shows a slight decrease of 0.51% bringing the collection rate to 96.74%. This collection rate continues to reflect an earnest effort on the part of the PBS to collect its bills, as well as willingness by the PBS members to pay their electric bills. The *Percentage of Monthly Collection (this month Average)* showed a marked significant decline with it changing from 148.72 for June 05 down to only 89.11% for the month of September 05.

Note: A change is anticipated from the high marks that are usually set in June based on that being the end of the fiscal year and the closing month for the PTAs. However, seeing the indicator drop below 90% is not a positive sign. It is expected that this will return to the usual position above 95%.)

- The total *Accounts Receivable* showed significant increase of 0.05% during the reporting period thus resulting in a total of 1.90 months outstanding and owed to the PBSs.
- Another indicator that identifies positive growth is the one related to *MWH Purchased Year to Date*. The continued growth in demand is reflected by the monthly increases for the three months of the reporting period of 17.30%, 15.38% and 17.88%.

Other Related Activities and Relevant Information

- Another separate breakfast meeting with arranged by NRECA for July 28th for providing another opportunity for donor representatives to meet with the REB Chairman and Members to discuss key issues impacting the RE Program as well as progress with respect to the recommendations included in the Report prepared by NRECA entitled "*Bangladesh Rural Electrification Program at the Crossroads: An Analysis of Barriers, Threats and Opportunities to Enhance Program Sustainability*".
 - As was with the initial meeting held in April, the results of this meeting provided frank and open discussion with all the stakeholders with respect to specific actions that had been taken with respect to the recommendations made in the Report and specifically for RPCL and other of the more sensitive issues.
- As was stated in the referenced Study Report, NRECA continues to have strong reservations about the extent to which PBS "patronage capital" is being used for investments in RPC ventures. NRECA believes that capital for good generation projects are available from other sources (e.g., private investors) and these PBS funds should remain available to support distribution efforts, which still require significant investments and where low interest capital is not easily accessible.
- The NRECA staff in the Arlington office hosted the delegation from the Bangladesh Energy Regulatory Commission (BERC) at the NRECA offices that was arranged by NARUC who are engaged with the BERC as an opportunity to learn about the issues impacting the regulation of distribution systems functioning within the US RE Program.

- Progress on the DFID Project for RE continued with NRECA remaining involved with discussions with DFID, which is planning to co-finance project supervision and some technical assistance through an agreement with USAID whereby NRECA would provide the stipulated services that are in the process of being determined.
- NRECA continued its participation in additional meetings with other development partners working on USAID projects in hopes of developing some meaningful ways of working collaboratively to establish "zones of good governance" involving projects being implemented in the same geographical areas as a possible pilot site.
 - Other participating partners included the Winrock and MACH Project; ARD and the LGI Project; Pathfinder and the NGO Services Delivery Project; Save the Children-USA with different earlier childhood education programs; and IRG and the Nishorgo Support Project.

Quarterly Report Exhibits

A. Implementation Schedule

The Implementation Schedule presented in this Quarterly Report reflects the Annual Work Plan for the RPPR II Program prepared for Year #3.

The Implementation Schedules have been developed using *Microsoft Project* in order to monitor progress and modify as necessary.

B. Budget Information

The Budget information presented in this Quarterly Report reflects the total budgeted amounts for the four individual Activities and it also reflects the expenditures for each line item for this Quarter and provides a remaining balance.

EXHIBIT - A

**IMPLEMENTATION SCHEDULE
With Focus on Year #3**

RPPR II Third Year Workplan and Implementation Schedule - 4th Quarter

ID	Task Name	2005											
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	Activity A: Planning & Engineering												
2	Task A.1: Develop Service Territory Database												
3	Select three PBSs & consulting engineers for 2nd Group of 3												
4	Identify PBSs & consulting engineers - Ongoing for 2nd Set of 3 PBSs	[Hatched bar from Oct to Dec]											
5	Data collection seminar conducted for 2nd Group of 3 PBSs	[Hatched bar from Oct to Dec]											
6	GIS landbase development for 2nd Group of 3 PBSs	[Hatched bar from Oct to Dec]											
7	Purchase & process satellite imagery	[Hatched bar from Oct to Dec]											
8	Develop land base from satellite imagery	[Hatched bar from Oct to Dec]											
9	Field Training and supervise field data collection during dry seasons	[Hatched bar from Oct to Dec]											
10	Prepare GIS with field data for participating PBSs	[Hatched bar from Oct to Dec]											
11	Continue & complete GIS development for PBSs from Yr. #2 - Completed	[Hatched bar from Oct to Dec]											
12	Develop actual GIS for 3 new PBSs - Ongoing - Some Data Problems	[Hatched bar from Oct to Dec]											
13	GIS Training												
14	Assist REB w hardware & GIS Software procurement - Delayed ongoing	[Hatched bar from Oct to Dec]											
15	GIS & ArcView orientation - GIS Cell and Consultants (Delayed - Ongoing)	[Hatched bar from Oct to Dec]											
16	Task A.2: PBS Short and Medium Term Planning												
17	Monitor actions on completed Work Plan for 1st PBS - Manggang	[Hatched bar from Oct to Dec]											
18	Continue monitoring data collection for record keeping and ERC	[Hatched bar from Oct to Dec]											
19	Develop Work Plan for 2nd PBS - Changed Dhaka 1 to Tangail PBS	[Hatched bar from Oct to Dec]											
20	Monitor data collection for accuracy at Tangail (Note - PBS is doing well)	[Hatched bar from Oct to Dec]											
21	Prepare analytical models on Millsoft	[Hatched bar from Oct to Dec]											
22	Prepare Draft Work Plan with Plan to Finalize in Wplan #4	[Hatched bar from Oct to Dec]											
23	Conduct seminar on new planning process - in Wplan #4	[Hatched bar from Oct to Dec]											
24	Train consulting engineers on use of analysis software	[Hatched bar from Oct to Dec]											
25	Assist REB & C.Engg w purchase of H.Ward & Engg S.Ware - Ongoing	[Hatched bar from Oct to Dec]											
26	Continue Engg. S.Ware training for REB & C.Engg. - Some delays	[Hatched bar from Oct to Dec]											
27	Test Electronic Record Card System & Implement on PBSs - Ongoing	[Hatched bar from Oct to Dec]											
28	Prepare Guidelines for Short/Medium Range Planning - Deliverable	[Hatched bar from Oct to Dec]											
29	Prepare Guidelines for Short Medium Range Planning - Completed	[Hatched bar from Oct to Dec]											
30	Submit Guidelines for Short Medium Range Planning - Deliverable - Done	[Hatched bar from Oct to Dec]											
31													
32	Activity B: Operations and Maintenance Programs												
33	Task B.1: Preventative Maintenance Programs												
34	Enhancing O&M Policies and practices												
35	Routinely evaluate line & equipment maintenance practices (Ongoing)	[Hatched bar from Oct to Dec]											
36	Monitor and Train on revised Line & Substation Inspection Guidelines	[Hatched bar from Oct to Dec]											
37	Submit Final Stat'n & Line O&M GLines for Appr'l - Deliverable - Completed	[Hatched bar from Oct to Dec]											
38	Reinforce Preventative Maintenance Programs	[Hatched bar from Oct to Dec]											
39	Support of ERC system (see Task A.2) for O&M purposes - Ongoing	[Hatched bar from Oct to Dec]											
40	Conduct hands-on training during winter substation O&M period -	[Hatched bar from Oct to Dec]											
41	Provide training on routine O&M for substations & lines - Ongoing	[Hatched bar from Oct to Dec]											

RPPR II Work Plan Year #3 10/04 to 09/05 - 4th Qtr.

Task: [Hatched bar] Progress: [Hatched bar] Summary: [Hatched bar] External Tasks: [Hatched bar] Deadline: [Hatched bar]

Split: [Dotted bar] Milestone: [Diamond] Project Summary: [Hatched bar] External Milestone: [Diamond]

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RPPR II Third Year Workplan and Implementation Schedule - 4th Quarter

ID	Task Name	2005											
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
42	Task B.2: Material Supply For O&M Program												
43	Continue evaluation of needs for materials under O&M work - Ongoing	[Hatched]											
44	Identify delegations of authority & responsibility for material acquisition	[Hatched]											
45	Acquire materials in accordance with delegations plan - Ongoing	[Hatched]											
46	Evaluate warehousing & issuance practices - Ongoing	[Hatched]											
47													
48	Activity C: Strengthen Utility Performance												
49	Task C.1: Strengthen Training Program & Procedures												
50	Outline and complete training needs assessment	[Hatched]											
51	Finalize tools and conduct assessment surveys - Ongoing	[Hatched]											
52	Prepare 2nd Draft of Training Needs Assessment Report & Review RFB	[Hatched]											
53	Submit Training Needs Assessment Rpt - Deliverable	[Hatched]											
54	Curriculum development improvement program	[Hatched]											
55	Continue curriculum development in collaboration with REB - Ongoing	[Hatched]											
56	Support implementation of newly developed programs - Ongoing	[Hatched]											
57	Support training academy development - As REB requires - Ongoing	[Hatched]											
58	Conduct Regional & other training tours - Delayed due to REB Issues	[Hatched]											
59	Task C.2: Enhance Computerization Program												
60	Prepare Strategic Plan for IT Sector within RE	[Hatched]											
61	Complete Draft of Strategic Plan for IT Sector in RE & Review w REB	[Hatched]											
62	Finalize Strategic Plan for IT sector within RE and submit to REB	[Hatched]											
63	Continue to support computerization at REB	[Hatched]											
64	Develop & implement integrated REB software packages (Payroll, Gl, AMI)	[Hatched]											
65	Advise & assist plan for HQ LAN per W.Bank funding - Delayed - Ongoing	[Hatched]											
66	Support internet communications between HQ and PBSs - Ongoing	[Hatched]											
67	Continue to support computerization at PBSs	[Hatched]											
68	Develop & implement integrated PBS software packages - Ongoing	[Hatched]											
69	Advise & assist plan for PBS LAN per W.Bank funding - Delayed - Ongoing	[Hatched]											
70													
71	Activity D: Optional Programs												
72	Task D.1: Engineering and Construction Standards												
73	Advise and Assist with REB PBS Engg Questions As Needed - Ongoing	[Hatched]											
74	Rev dist'n design for PDB Takeover Areas & Make Recommendations - Completed	[Hatched]											
75	Review distribution construction standards - Delayed	[Hatched]											
76	Review equipment specifications - Delayed	[Hatched]											
77	Task D.2: Socio Economic Impact Assessment												
78	Develop baseline data collection at PBSs	[Hatched]											
79	Continue to support baseline data collection at 8 model PBSs - Ongoing	[Hatched]											
80	Continue baseline data collection systems at 9 new PBSs - Ongoing	[Hatched]											
81	Strengthen monitoring and socio-economic analytic capability at REB	[Hatched]											
82	Work with Socio-Economic Monitoring Cell at REB - Ongoing	[Hatched]											

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RPPR II Work Plan
Year #3
10/04 to 09/05 - 4th Qtr.

Task Split: [Progress Bar] Progress Milestone: [Diamond] Summary Project Summary: [Arrow] External Tasks: [Dashed Box] External Milestone: [Diamond] Deadline: [Box]