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**NRECA/CAI ADVISORY TEAM**

**QUARTERLY REPORT**

**TO**

**RURAL ELECTRIFICATION BOARD  
DHAKA  
BANGLADESH**

**QUARTER ENDING 30 JUNE 1983**

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## I. GENERAL

Mr. Edward E. Gaither, NRECA International Ltd., Administrator for Asia and the S. Pacific, was in Dhaka for a project review and update. While here, he visited with the REB Chairman and REB Officers, US AID Officials, Embassy Officials and with the NRECA Project Advisors. Also, the suggested draft of staffing requirements for the next Technical Assistance Amendment was reviewed.

Mr. Luiz Gazoni, Mr. M. N. El-Menshawy and Mr. V. Antonescu, three IDA Officials were in Dhaka to review the progress, problems and plans concerning the IDA Funded portion of the R.E. Project. Meetings were held with the REB Chairman, REB Officers and Advisory Team Officials.

Many of the Advisory Staff are taking advantage of the monsoon season in taking and planning R & R and Home Leave. The Orrs, McLeods and Strampfers departed for home leave and the Byres, Hollers, Wheelers and Lyle Herriott enjoyed R/R. Mrs. Rolf Meyer departed Dhaka to attend the marriage of her daughter.

Much time and effort has been devoted by the advisory team in the preparation of the Annual Evaluation and Analysis of REB/Advisor functions and responsibilities to achieve the desired results for R.E. in Bangladesh.

## II. INSTITUTIONAL DEVELOPMENT

### A. REB Development

REB Procurement Directorate has opened, evaluated and are in the process of awarding material contracts for FINLAND AND IDP Procurement. System Planning and Design Directorate and the Procurement Directorate have also completed and published Bid Packages for the first Tranche of Expansion and wind-up of RE-I US AID funded projects.

The REB posts of Chief Engineer has been filled by Mr. AJSS Rahman, Mr. Rahman was from the PDB.

Two additional PBSs, Barisal PBS-I and Faridpur PBS-I have been organized. These are both IDA Funded. Both PBSs are scheduled for orientation beginning in July, 1983.

The REB is now screening REB personnel, in the appropriate directorate, for basic computer training. This work is being monitored by the Planning Directorate, where a computer has been installed.

### B. PBS Development

#### Dhaka PBS-I (US AID)

During the Quarter Mr. Abdur Razzaque, the original General Manager of Dhaka PBS-I, resigned his position to take employment elsewhere.

Mr. Syed Nurul Islam, General Manager of Rajshahi PBS-II, was transferred to Savar to take the charge as General Manager from Mr. Razzaque. Mr. Islam had a outstanding record as G.M. at Rajshahi PBS-II. In 1982 Mr. Islam took extensive training with the Rural Electric's in the United States and should be a great asset to the PBS with his proven leadership.

There was also a change made in the Construction Operation & Maintenance Department. The AGM-CO&M and Line Supervisor was discharged for activity unacceptable to the Rural Electric Program. Two other employees of the PBS were discharged for the same reason and five others were given letters of warning.

Debit Memo from REB for Plant and Material items continue to be problems for the finance accounting department. Lack of understanding and man power also contribute the problem.

Line loss and unknown person or persons stealing the system neutral are causing undue problems to the PBSs Operation. In some areas where the neutral is replaced after being stolen, stolen again within a short time, which would lead an individual to think that it is possible for the act to be committed by some one within the local area. Steps need to be taken that would prevent this type of action.

Line Right-of-Way Clearing and General Grooming of main office complex is in a state of deterioration and attention is needed to correct the problems.

During the Quarter the accountant was promoted to AGM-F and was posted at Rajshahi PBS-II. Promoting from within the PBS to other PBSs will create the highest of morale and instill desire to be proficient and work hard. This practice should continue when and where possible.

#### Comilla PBS-I (US AID)

The REB Board has published Instructions to be used as a guide in the operation of a PBS. Copies are also given to the PBS for study and to be followed unless permission is given by REB to do otherwise. REB has given training to the Board of Directors, but the Board is not following the Instructions and have possibly forgotten a major part of the training. A refresher course should be held on all the instructions emphasizing their intent and objectives.

During this quarter the disconnect meter orders were in a deplorable manner with a great number of meter orders outstanding. Action was taken by management and the number was brought to nil and on a current basis. Effort is being put forth to retain the meter orders on a current basis.

During the quarter Mr. Farook AGM-CO&M was sent to the U.S. for extensive training in the Rural Electric Program and returned.

A training program was started by the PBS for linemen. Lack of planning and securing of the necessary tools and training aids contributed to a slow start. If greater planning and thought were given the program would be more efficient. The concept is commendable.

Shortage of material has hampered construction some what, however PDB line take over is moving forward. Patience and a great deal of

planning is a must for smooth transition. In addition, to the problem of bad quality of PDB line construction and the need of Right-of-Way Clearing, there is a great number of illegal connection in the bazars that create additional problems for the PBS during renovation work.

The debit memo's from REB for Plant Items, Tools and Material are in the process of being posted to the proper accounts. This transaction would be much simpler if the memo's could be processed by REB on a monthly basis and sent to the PBS.

Attention is needed from the AGM-CO&M & GM for maintaining continuity of Electric Service to the consumers. A procedure should be formulated and followed when an outage occurs.

Meetings were held with villages advisors by the Member Service Department during the Quarter and there was good participation by the various advisors from the different villages. There was better understanding of the PBS's functions and objectives at the close of the meetings. Management of the PBS have plans to continue the meetings and also plan local meetings with the consumers.

Obtaining and keeping meter readers and Bill Collectors is a continuing problem.

#### Raighahi PBS-I (US AID)

The steady growth in numbers of customers continues and accounts are, for the most part, being billed within due time. Collections have fallen short of expectations as irrigation customers are reluctant to pay bills when due. May revenues were Tk. 6,59,136 while accounts receivables as of 31 May amounted to Tk. 11,25,500 of which more than Tk. 9,00,000 was due from irrigation accounts. More effort must be given to collection of past due bills. Personnel vacancies in the Finance Department have hindered full development and implementation of accounting records and procedures. The accounting department has been understaffed for more than one year. However, present staff work diligently to follow prescribed procedures. Disagreements between Board of Directors and Management, resulting in the departure of the General Manager, could not be resolved. Under the leadership of General Manager Dipak Chokrabarty the PBS has progressed. Problems in plant construction and completion of projects do require attention.

#### Jessore PBS-II (US AID)

Significant growth in numbers of consumers has been achieved. In May more than 6,000 customers were billed and several hundred, who should have been billed, were omitted as neither Meter Readers nor Billing Assistants were able to complete work in due time. May billings amounted to Tk. 4,14,252 while accounts receivables at 31 May were Tk. 2,83,179 - which is acceptable.

In an attempt to bill all customers, estimated bills were prepared for some accounts (as per provisions of REB Instruction 300-30). However, upon direction from REB, this was discontinued. Further clarification, in this regard, from REB is needed.

Morale among employees is low and enthusiasm is faltering. Salary fixation, even to these employees performing satisfactorily, has been denied - another cause of discontent. Leadership capable of instilling cooperation and motivation is needed.

Pabna PBS-III (US AID)

Friction between Board of Directors and Management continues to escalate and is a major cause of unrest among employees. Physical violence to personnel by the public has further caused employee discontent and dampened enthusiasm.

In excess of 6,000 customers are now being served. Collection of bills is, however, less than satisfactory. Many disconnect orders for nonpayment of bills remain unexecuted. Therefore, accounts receivables continue to increase. As of 31 May nearly one and one-half months revenue was outstanding - an unacceptable level.

The Plant Accounts Assistant position remains vacant and maintenance of plant records is lagging.

Since labor reports are not being timely prepared, payroll records are incomplete and payroll processing is cumbersome as well as inaccurate. Cohesive leadership and leadership and management is badly needed at this troubled PBS.

Sylhet PBS-II (US AID)

General Manager Nandy received six weeks of training in the United States in the Rural Electric Program. He has returned with deeper understanding of the RE Program and has begun to implement some of the teaching he received. This type of training teaches, in a very short period of time, what the over all program and possibilities are.

During the quarter flooding prevented some of the meters being read and billed. Attention is required and a effort made to estimate the consumption if the meter cannot be read and a bill rendered each and every month. The Billing Supervisor was on ~~s~~uspension and billing assistants are also needed which would help eliminate the problem.

Assistance and advice was given to the AGM-F with regard to the proper procedure to clear the Debit/Credit Memo's now posted in Account 186. The work order procedure needs to be implemented and maintained to properly account for labour and materials.

Progress is continuing even with shortage of material. The PBS is converting PDB lines and connecting tea gardens.

Jessore PBS-I (US AID)

Billings for the month of May included 4180 accounts with revenue amounting to Tk. 7,52,475. A large number of accounts were not billed due to time limitations of Meter Readers and Billing Assistants. Accounts receivables on 31 May were Tk. 8,97,397 indicating that greater collection effort is necessary.

The housewiring loan program has been enthusiastically accepted with 2,158 loans having been made by mid June. Billing for installment payments is proceeding but is somewhat behind schedule.

Change out of PDB meters in transferred service areas continues at a moderate pace. Many PDB meters do not function properly. This, together with lag in billing of new accounts, is the major cause of recorded line losses of energy.

Tangail PBS-I (US AID)

During the quarter Mr. D. Shah Alam was posted as General Manager, taking the charge from Mr. Chowdhury who had served as General Manager in charge for nearly one year. Mr. Chowdhury guided the PBS with great growth during his tenure.

Mr. Chowdhury returned from the United States after six weeks of Rural Electric Training and has now taken the charge of AGM-F.

During the quarter the Billing section had problems with billing as all of the consumers were not build each month. Undivided attention needs to be given to this problem, for a number of reasons: the PBS needs the revenue; the consumer are not affluent enough to pay more than one month bill at any one given time; billing as all other accounting must be done on a monthly basis.

Shortage of material is some what of a problem for the progress of construction.

Attention needs to be given to the repair and up keep of all transportation equipment. All transport should be in working order at all times whereby continuity of service can be rendered. Meters are not being installed, removed or changed as per Instruction 200-6.

Consideration should be given by Management to conduct a complete physical inventory of all meters, active and in-active, and those issued to the AGM-CO&M after this should be as per instruction.

Comilla PBS-II (US AID)

During the quarter the PBS successfully held their first Annual Meeting of the Members. More than a quorum was present and they received well prepared and informative reports. After the Annual Meeting was held an election of officers for the coming year was held with Director Wadud of Management Operations Presiding. Two Office bearers changed position: Vice President became President and President Haque became Vice President.

The Accountant was promoted to AGM-F by REB and was posted to Noakhali PBS-I. This action, as been stated earlier in this report, will increase the moral and desire of the people serving in the PBS program to do a better job and be more proficient in their work. Hopefully this will prove to be a big step forward and this process will be continued.

Construction is continuing even with the shortage of some items of material.

All Department Head position are posted and cooperation exist between Departments within the PBS.

The F type buildings are needed very badly by the PBS to house their employees. Action should be taken against the Building Contractor to either force his completion of the building or secure another contractor to finish the work that needs to be performed.

#### Rajshahi PBS-II (US AID)

Departure of General Manager Nurul Islam leaves a void which may have far-reaching effects as his leadership was a motivating force throughout the Samity.

The prolonged vacancies in AGM-Finance and Plant Accounts Assistant positions have taken their toll of what was at one time a strong organization. For several months the understaffed Finance Department had been unable to carry out all necessary accounting and record keeping functions. Contrary to advice, the audit of records proceeded. For approximately two months day to day work suffered as the accounting personnel's time was required by the auditors. A great amount of time and assistance will be needed for recovery.

#### Pabna PBS-II (US AID)

Take-over of PDB facilities serving Kashinathpur was completed and take-over of the Bera Bazaar is being planned. Deficiency of construction materials is a major concern. The transformer at Santhia Substation was energized and it appears that lines could be energized soon.

Although growth in numbers of customers has not developed as rapidly as expected, there is evidence that the organization is prepared, under the direction of General Manager Faridul Haque, to serve the anticipated increase in customers. June billings included 1423 accounts and approximately 400 accounts will be added next month. Complete customer accounting records have been established for existing customers. The housewiring loan program is still active and billing for installment payments is proceeding efficiently.

Daily labor reports are being prepared for all employees and are delivered to the Accounting Department quite timely. Payroll preparation is therefore relatively trouble free.

Sylhet PBS-I (US AID)

During the quarter the Department Head AGM-F position was posted. With this position being posted it is the first time in the month that all Department Heads have been posted at the same time. With this action taken, the PBS should benefit greatly.

Even with shortage of some material, construction has continued to progress with renovation of PDB lines and Tea Estates being connected. Work is also being performed to connect domestic consumers along the energized lines. Management Advisor was informed that because of the economic position of the people in this area connections were very slow. The people just did not want to go into debt to wire their house.

During the quarter a change was made in the General Manager position. GM Waziullah was transferred out and Mr. Saleh Ahmed was posted as General Manager in his stead. It has been suggested that a thorough investigation be made covering the period of Mr. Waziullah.

Pabna PBS-I (US AID)

The organization is functioning quite smoothly under the direction of General Manager Nizamuddin Sarker. Problems encountered, with the public, in take-over of PDB properties seem to have subsided and work is again proceeding. Management personnel meet regularly to share problems and exchange ideas for solutions - evidence of confident leadership.

As of 26 June, 1,935 meters had been installed. Billings for the month of June included 1425 accounts and revenue of Tk.2,08,690. Compared with May billings of 1,165 accounts and Tk. 2,66,055 (the decrease in revenue being due to ending of irrigation season) growth is steady. On 31 May accounts receivable were Tk. 1,25,725, which is an acceptable level with less than one-half of a month's revenue outstanding.

The headquarters complex has been occupied since November, but to date earthfilling has not been completed nor is the water supply to the office and the living quarters complete.

Taking of physical inventory on housewiring materials is in progress and should be completed and verified shortly.

Collection stations are in operation at concentrated consumers centers, with receipts being monitored in the main office.

Rangpur PBS-I (KFAED)

Construction work on the OBS warehouse, C-D-E & F type residential accommodations and administration office building are nearing completion. Barring any major problems total construction work of the PBS headquarters complex will be completed as per schedule.

Additional training and development will be required by the Samity Board of Directors. Advice, assistance and guidance by REB personnel is essential for proper understanding in discharging their duties and responsibilities as a PBS Director. General Manager Haque is expected to contribute in the development of the board.

The day-to-day management and operational activities of the PBS is hindered due to the absence of policy instruction series 300. Management Operations Directorate reports series 300 has been reprinted with all amendments and addendum. The new and updated copies will be supplied to each PBS shortly. If properly instructed and implemented by management, 90% of the day-to-day problems can be avoided.

All vacant positions of departmental heads should be filled in order to facilitate the proper development work of the PBS.

Khulna PBS-I (KFAED)

Mr. Zillur Rahman, XEN Project Division, Jessore, has been assigned the duty as overseer and supervisor during the construction phase of Khulna PBS-I, in place of XEN Project Division, Khulna. XEN Project Division, Khulna, will be entrusted with the responsibility to supervise the construction work of proposed Khulna PBS-II. It is expected that Mr. Rahman will take over the charge of the office of PBS General Manager from Mr. Mohammad. In order to oversee and supervise the progress of construction work of the Samity, as well as discharge the entrusted duties and responsibilities of acting GM, Mr. Rahman should immediately shift his headquarters and place of residence from Jessore to Pathelghata (headquarter location of Khulna PBS-I).

The earth filling and site levelling work at the PBS headquarter complex is almost completed. Civil construction work of C.D.E. & F type residential accommodations for PBS personnel is progressing rapidly. Brick work is expected to begin on the administration and warehouse buildings very soon. The over-all construction work of the PBS headquarters complex is progressing satisfactory.

During this stage of development of the PBS, posting of permanent General Manager, AGM(F), AGM(MS) and AGM(CO&M) will provide greater dividends as the system begins operations.

Noakhali PBS-I (KFAED)

The construction work for the office complex, substation erection is progressing satisfactorily at this time. Progress is being made with the line construction. Some material is being loaned to this project from the other existing PBSs where-by construction may continue.

A membership drive has been in progress for the entire quarter and thus far the drive has been very successful. The plans at this moment are to complete the drive by the first part of August.

All Department Head posting were completed during the quarter. The Executive Engineer of REB is serving as General Manager and will serve in that capacity until such time as REB will post a permanent General Manager.

Mymensingh PBS-I (KFAED)

Construction of the office complex has continued to make progress during the quarter, with the godown being 75% completed and all other building below 75% complete.

Concrete footings have been poured and four steel columns had been erected. The transformer pad is in the process of being poured.

Back bone line construction is progressing even with the shortage of some material items.

During the quarter a person who had been serving as accountant at Dhaka PBS-I(US ATD) was promoted to AGM-F and posted at Mymensingh as AGM-F. He is now in the process of checking the posting from inception to present time. Promotions from within the PBSs that are established will have a very good effect on the morale of the employees. They work and try hard to do a good job, whereby they could be selected in future for promotion.

The AGM-MS has trained 10 village electricians to do wiring throughout the villages where the backbone is being built.

REB needs to, as quick as possible, send the PBS at least one copy of all the PBS Instruction for use at the PBS.

Membership drive is not at the present time complete, although 14,763 memberships have been signed and the 10.00 taka paid. Additional sign ups are planned in the future.

C. Training Activities

Institutional Training

The training Directorate has introduced a new program for PBS General Managers. This is offered when they first enter the rural electrification program. The course consists of four areas of training, "Management--Its Nature and Scope," "Workshop on PBS Policy Instruction," "Problems in Managing the PBS," followed by a four-weeks on-the-job supervised experience program.

After formal classroom training, each of the eight candidates for General Manager spent a month working in a selected host PBS. The group then returned to Dhaka for a three-day reporting and review session. The program proved to be a good method for introducing newly selected General Manager candidates to their future responsibilities. Future programs will be extended to include the "General Orientation Course."

Three training aids were developed and made available for use during the quarter. These were:

1. A training manual for a course for Boards of Directors on "Challenges and Problems in Operating the New PBS".
2. A student practice problem for a course on "Work Order Procedure."
3. A teacher's guide for the same course.

Three training publications were prepared in rough draft form and submitted for review and revision in preparation for publication. The titles are:

1. "Records Management."
2. "Office Management."
3. "Billing Procedures."

Training staff personnel continued their work to develop and finalize a PBS curriculum plan, made requested revisions, and prepared it for resubmission for review. It is felt that further discussion on the plan as presently developed is needed before the final draft is completed. Certain questions arise about the plan in its present form as to:

1. The optimum length for individual training courses. The length of the course can be a factor determining its effectiveness. Some training periods in the plan seem to be too long. As a rule, improvement in training performance occurs more quickly, in greater depth, and lasts for a longer time if training is introduced in relatively short periods with ample provision for "rest" and on-the-job application than if continuous or massed training periods are employed. Thus, it is advisable that training be introduced over longer periods of time using relatively short training sessions rather than rely on one large training input.
2. Limiting managerial and supervisory training programs to only the early years of job experience. Manager development and training should be considered as a continuous process throughout the employment career of the individual.
3. Exclusion of General Managers from attending training courses along with their Boards of Directors. In most cases it would seem to be beneficial for the General Managers also to attend these courses. It is recommended that a review of Board training courses be made in order to specifically identify those few courses which may be of interest only to Boards of Directors.
4. No allowance for regular update and problem solving conferences for PBS personnel in key positions. It is

important that training of a timely and appropriate nature continue throughout the employment period of these persons.

A curriculum plan is important for giving direction to the training program and for use in making adequate preparation for meeting training needs as they arise.

In June, Mr. M. A. Quayum, Deputy Director-in-charge, Planning and Records left the Directorate to take employment elsewhere. This leaves the Directorate with two key positions unfilled at the present time, the positions of Deputy Director of Technical Training and Deputy Director of Planning and Records. That two positions are vacant is resulting in other training personnel taking teaching overloads and in the cutting back of training programs at a time when training needs are increasing.

As an example, it is necessary for the Director of Training to spend more time in the classroom than he should if he is to adequately care for his other duties. During the first six months of 1983, he spent 167 hours in actual classroom teaching. About 100 hours of actual teaching time would seem to be a more realistic figure for him. Also, during the quarter the total number of trainees decreased by one-third from the previous two quarters. Total number of classroom lecture hours decreased by 28 percent from the preceding quarter.

The following tabulation shows total training activity and training progress for the last quarter:

<u>Name of Course</u>	<u>Participants</u>	<u>This Qtr.</u>	<u>Total to Date</u>
Orientation Course	New REB Officers and supporting staff	23	578
	New PBS General Managers and Department Heads	10	119
Refresher Course on REB Activities	REB Officers and supporting staff	-	267
PBS Directors Orientation Course	PBS Directors, Lady Advisors, GM, Dept. Head-GS	-	300
The PBS Director-Performing the job effectively in the Board Room	PBS Directors Lady Advisors, GM; Dept. Head-G.S.	9	189
Policy Development	PBS Directors, Lady Advisors G.M; Dept. Head-G.S.	-	159
Understanding Financial Reports	PBS Directors, Lady Advisors G.M; Dept. Head-F	-	144
Workshop on PBS Policy Instructions	PBS Directors, Lady Advisors G.M; Dept. Head-G.S.	55	70
Controlling-Measuring Results and taking remedial Action	PBS Directors, Lady Advisors	-	0

<u>Name of Course</u>	<u>Participants</u>	<u>This Qtr.</u>	<u>Total to Date</u>
Management-Its Nature and scope	REB Officers, PBS G.Ms and Dept. Heads	8	218
Planning and Organizing for successful PBS operation	PBS G.Ms & Dept.Heads (also formerly for PBS Boards)	-	176
Management-Understanding People	REB Officers, PBS G.Ms and Dept. Heads	-	0
The Nature of Supervision	REB Assistant Direction and class II officers, PBS Dept. Head and Supervisors	9	46
Managing the PBS	PBS General Managers	8	8
Managing the General Services Department	PBS Dept. Head General Services	-	33
Managing the Member Serviceas and Power Use Department	PBS Dept. Head. Members Services	-	63
Uniform System of Accounts-I	REB Finance Personnel PBS Finance Personnel	-	149
Uniform System of Accounts-II	PBS Finance Personnel	-	20
Accounting Procedures	REB Finance Personnel	-	32
Preparing Financial Reports	PBS Dept.Head-F and Accountant	-	24
Billing Procedures	PBS Billing Personnel	-	74
Work Order Procedure and CPR	REB Officers, PBS Finance Personnel	-	129
Retail Rate Construction	Dept.Head-Member Services and Power Use	-	14
Office Procedures & Personnel Policies	REB Officers	-	25
Couding Class for Departmental Examinations	REB Accountants, Asst. Accountants, Auditors	11	11
REB Inter Departmental Relationship in Serving the PBS (Parts I & II)	Dy.Dir. & Asst. Dir. of Mgt. Operations & System Operations Directorats	-	28
Teacher Training Course	Selected REB Officers	-	10
Distribution System Design and Construction Methods	REB Engineers, Consulting Engineers, PDB Engineers, etc.	-	142
Distribution Line staking and Staking sheet Preparation	REB Engineers, Consulting Engineers	-	81
PDB Line Renovation	REB Engineers, Consulting Engineers	-	28
PBS Distribution System Construction & Inspection	REB Engineers PBS Dept. Head-CO&M	18	102
Line Inspectors Training Course	Inspectors-REB and Consulting Engineers	-	160
Line Construction Orientation	Principals of Line Construction Firms	-	155
Distribution Line Construction	Contractor Lineman and Supervisors	-	291
Substation and Distribution Line Operation and Maintenance	PBS Dept. Head-CO&M Line Supervisors	-	55
Line Supervisor's Course, Basic	PBS Line Supervisors	-	19

<u>Name of Course</u>	<u>Participants</u>	<u>This Qtr.</u>	<u>Total to Date</u>
Lineman's Training Course, Basic, Part-I	PBS Linemen	-	333
Lineman's Training Course, Basic, Part-II	PBS Linemen	29	181
Lineman's Training Course, Basic, Part-III	PBS Linemen	-	24
Housewiring Course	Dept. Head-Member Services Wiring Conductor Wiring Inspector	17	111
Advanced Electricians Course	PBS Power Use Personnel Village Electricians	-	337
Power Use in the PBS	Wiring Coordinators Wiring Inspectors	-	14
Timber Specialists Orientation Courses	REB Timber Specialists	-	6
Warehouse Management	PBS Stores Personnel	-	51
Meter Testing	PBS C.O. & M. Personnel	-	26
Wireless Operation	PBS CO&M Personnel	-	75
Equipment Operations Courses, Heavy Equipment, Food Tractor, A-Frame Truck	REB & PBS Equipment Operators	-	47
Driver Skills Training	REB Drivers PBS Linemen	-	64
	TOTAL	197	5188
PBS Village Electricians Training (certified to do housewiring)		66	1587

Technical Training

Technical training for construction and inspection continued this quarter with separate courses for new XEN's, A/E's, and line Supervisors. Practical experience was emphasized in a Housewiring Course of new AGM's (Member Service). An outline for a week long technical course for General Managers was completed. Comments were collected and incorporated into a final draft of the PBS Construction Practices and Procedures Manual. This is now being reproduced for training and field use.

Three PBS's commenced Basic Part I Lineman Courses during this quarter. (Comilla-I, Sylhet-I and Jessore-I). In all three cases preparation for offering the course was inadequate. Manuals for each participant, sufficient tools and materials and confirmation on availability of instructors must all be secured before the course commences. This training requires serious effort and attention and should not be attempted halfheartedly.

Available classrooms in Dhanmondi for technical training were reduced from 2 to 1. Presently, if two technical courses are offered simultaneously, one course must be conducted with classroom facilities several miles away at the Engineers Institute. Expensive, time consuming and confusing daily operations along with a deemphasis on outdoor practical demonstration are resulting from this new arrangement.

The post of Deputy Director Technical Training remains vacant after 26 months. At present only minimal training is being provided to REB and the PBS's. As the program expands, if staff and facilities are not soon significantly augmented it will not be possible to adequately train the required personnel.

D. Finance Development

Finance Directorate

Two staff meetings were held this quarter, one in April and one in May. The June meeting was postponed due to work load. The project cost allocation method employed in the booking of all General Plant & related CPR'S was reviewed and required recommendations for improvement submitted. This was followed-up in the May meeting & instructions given not to process vouchers without adequate allocation data thereon. With the exception of four bank accounts, all reconciliations were reported current. The problem regarding the four was identified as work flow and corrective measures taken. Progress made regarding the proposed time schedule for improvement of voucher & check processing approved at the February staff meeting was reviewed in April & instructions given for required compliance. This was again followed-up in the May meeting and it was reported that the voucher schedule has been implemented but not the check processing. Instructions were again given for implementation. The decision made at the April meeting to formalate a training program for the Imprest Fund Procedure was followed-up at the May meeting and the Assistant Director instructed to submit a detailed schedule. Instructions for corrective action were given regarding the adequate revision of REB Form 556. In the last quarterly report it was stated that at the 3 March meeting the majority of internal audit recommendations were adopted and a decision thus made to revise the Accounting Procedures Manual. The concerned Deputy Director was instructed to comply, which is in accordance with his position description. This was followed-up in the May meeting with no progress reported and instructions again issued for immediate compliance. A meeting held with the Advisor to Director Finance on 8 June still showed no progress. The

progress and problems of the material accounting section were reviewed at meetings held in April and May. A proposed revision to the material accounting section of the work order procedure was prepared and adopted as a temporary measure to increase completion of this portion of the work order cost. At the 8 June meeting with Advisor to Director Finance it was reported that this is with Member Finance and no progress is from Engineering on close-outs. A meeting was held on 30 June at which the Chairman instructed Engineering to submit documents to Finance. Monthly "Key Performance Area" reports are being submitted by the Branch Heads to the Director for review. The "Statement Borrower/Grantee" report was revised and included in the "Summary of Project Expenditures Report". Also, a format for a "Source & Application of Funds" statement was prepared. These two statements will be prepared quarterly for inclusion in the quarterly report. The purpose of this is to comply with the World Banks reporting requirements and present a clearer picture of the Financial Status of the project for more effective management control. Meetings were held regarding internal control. The Advisor to Director plans to establish a program to review internal control periodically as required by REB Inst. 600-8 and formulate plans for remedial action on any apparent weakness. The Office Systems Branch of PBS Management Operations Directorate was transferred to this Directorate effective 1 June. During June four meetings were held regarding progress, problems and plans. The organizational chart, position descriptions and staffing requirements were revised to include this branch. A projection for future staffing was proposed to adequately provide required assistance to the PBS's. A work plan was formulated to provide needed assistance to the PBSs pending approval and implementation of required staffing. Recommendations to solve the two immediate problems regarding the booking and paying of Gov't. duty and purchased power cost were presented and directives thus sent to the PBSs.

As stated above and in previous reports, there are still areas of non-compliance with established internal control, more especially the element of procedures. There is a tendency to change form design or procedures without considering any change in documentation or the effect on the overall system. The Accounting Procedures Manual (REB Inst. 600-9) provides a method for any changes to this manual and requires adherence there-to. A discovery of a form design revision (556) implemented without complying with these instructions has caused additional work and interfered with the work flow of both REB & the PBSs. The Internal Auditor has set

forth in his reports of 26 January and 24 April the problem areas in cash receipts, A/P disbursement and payroll disbursement functions including recommendations for remedial action, both verbally and in flow chart form. Instructions for revision to the Accounting Procedures Manual as recommended have been documented in the Directorates meeting minutes of 3 March, however no progress has been made as reported in the 8 June meeting. A review of the quarterly Financial Statements and subsequent investigation brought forth a problem in booking of Contributions in Aid of Construction remitted to REB by the PBSs. Material & supplies along with CWIP comprise approximately 67% of the total assets of REB and accurate accounting therefore is vital to adequate plant costs transfer to the PBSs. Material accounting records are not yet current, although diligent efforts are being set forth. Also work orders need to be closed out more rapidly and adequate information sent to the PBSs for recording in their books of account. Procedures regarding this have been published and should be adhered to.

Recommendations:

1. Any change to procedures or related forms should be through the appropriate manual as set forth therein.
2. Internal Audit reports are for the purpose of assisting all areas of management in the strengthening of internal control. Recommendations contained therein should receive proper attention and follow-up to assure development of a strong system of internal control.
3. Directives from Management to staff should receive adequate follow-up by management to insure implementation. Problems of non-compliance should be identified and remedial action taken. A delay of 3 months by the Deputy Director to comply with a directive should not be allowed if progress in strengthening internal control is to continue.
4. Position descriptions are a part of organizational control and should be adhered to.
5. All accounting transactions should be recorded and General Ledger Accounts adequately supported, in accordance with the Uniform System of Accounts & accepted accounting principles.
6. Decisions made to facilitate or increase work flow (Mat. Acctg., W.O. close-outs, etc) should receive prompt attention from management for speedy implementation.

7. REB Instruction 600-8 should be utilized by Management as required therein.
8. The work plan formulated for the Office Systems Branch at the 15 June meeting to provide needed assistance to the PBSs should be implemented forthwith with adequate follow-up to assure effectiveness. Adequate permanent staffing should be provided to effectively assist all PBSs.
9. Continued follow-up should be maintained to assure prompt submission to the PBSs of plant costs and related documents.

Summary

The importance of strong internal control cannot be over-emphasized as can compliance with the internal control system established. The above recommendations are in specific areas, however the number one priority of management should continue to be the strengthening of internal control in all areas utilizing the assistance given by internal audit reports and documented advice and assistance of the consultant.

Internal Audit Branch:

The recommendations set forth in the March Quarterly Report were acted upon with two new auditors being posted in the month of April. Work is continuing on the internal audit of the REB program & functions as required by REB Instruction 400-17 and in accordance with the Audit Program. The payroll disbursements function of the Finance Directorates Operations (FA # 2 ) was completed the 18th of April and a report submitted to Member Finance on the 24th of April. Audits of the petty cash disbursement and accounts payable functions commenced 19 April and 28 June respectively. Field Assignment No. 3 of the Audit Program, which commenced 13 March, was completed 14 June. Audit programs were written for Field Assignments No's 4,5 and 6 on 28 June and work commenced. The work plan for completion of the REB Internal Audit was finalized with a projected completion date of 20 December 1983. Special assignment No. 4 (Chittagong Warehouse Financial Review) was completed 6 April and a report sent to Member Finance on 24 April. Special assignment No. 6 (Dhaka Warehouse Financial Review) was completed 2 June and a report sent to Member Finance 22 June.

There are three problems currently facing this branch which are set forth in order of priority. The first is staffing as set forth in the March quarterly report as well as the April & May monthly reports. Four Auditors, one Steno, and two Typists have been sanctioned for this branch. Currently there are two auditors, no steno, and one typist posted. The annual work plan of this branch, to comply with the REB Internal Audit Instruction, projects completion of the REB Annual Internal Audit by the

end of 1983 (which commenced July 1981), with the two A.D.'s performing tasks included in the Auditors position descriptions. This situation adversely affects the organization control established for this branch. The second is in respect to a REB Instruction that all audit reports are to be written in Bangla. This has been an instructional problem in respect to effective report presentation of the scope of problems and recommended corrective action. It seems the thrust and clarity is somewhat lost in translation. Instructional time however has been increased to address & help solve this problem. The third is limited prior training which continues to decrease as experience increases. However, as new people are added, additional training is required.

It is recommended that this branch be fully staffed according to posts sanctioned and training programs continue with the objective of developing a fully qualified staff that will perform this management control function effectively and efficiently. Complete and stable effective staffing facilitates training and development time which should be a prime consideration of management. Annual work plan progress should be continually monitored to assure compliance. Any problem areas encountered should be identified & corrected.

PBS Loan & Audit Directorate

PBS Audit Branch

Sylhet PBS-II, Jessore PBS-II and Tangail PBS-I field work was finished and audit reports are being prepared. Rajshahi PBS-II audit is continuing. Jessore PBS-I field work was completed 8 June and report is in process. Pabna PBS-II and Comilla PBS-II audits are scheduled to commence in July. In mid April the Director revised REB Instruction 600-25/PBS Instruction 200-2, "Audit of REB Borrowers Accounting records" manual, and position descriptions to provide for PBS annual audits to be performed by Independent Chartered Accounting Firms, and PES Loan & Audit to perform "special examinations" of borrower's accounts and records. This has been forwarded to Member Finance and approval is still pending.

The main problem facing this branch is the timely completion of PBS financial audits in accordance with published instructions and adequate staffing to perform its other functions and duties. The approval of the revised instructions stated above should provide adequate financial audit coverage to the PBSs and allow this branch to concentrate on its other functions and duties. It was reported that one contract auditor gave his notice of resignation effective 3 May; another auditor was ordered to be transferred to the Finance Directorate; still another auditor was ordered transferred to the Management Operations; and the reason for these two transfers were

not known. All three of these auditors have received extensive training in auditing, with one of these transferred having qualified as Auditor in Charge. One contract auditor was engaged and posted as a replacement for the auditor who resigned. The training of staff personal represents a investment in employees which is expected to produce a future return in increased work efficiency. The transfer of a trained employee prior to realizing this return is costly, not only in respect to the employee but also in the training of his replacement. The Deputy Director was also filling in for the DD PBS Loans who was transferred to Tangail PBS-I as General Manager in Charge while the GM is in training in the USA, which adversely affected work flow in both branches.

It is recommended that: (1) Management continue the training program of personnel in their respective functions and duties as set forth in the organizational manual and the improvement of the office system to increase efficiency, emphasizing adherence to published instructions and procedures. (2) The recommended solution regarding PBS Audits be presented for approval forthwith with adequate follow-up. Implementation should commence immediately upon approval. (3) The assignment of tasks and required training be reviewed with the objective of complete coverage of this branches assigned function and duties as set forth in the organizational manual and respective position descriptions. (4) Prior to transferring any employee, consideration be given with respect to employee performance, employee investment, and the overall effect on the objective of the respective department, branch or section. (5) Reasons for transfer be adequately documented by management (Director) in the employe's personnel file. (6) This branch be fully staffed according to posts sanctioned.

#### PBS Loan Branch

The PBS Loan Branch is continuing with system implementation utilizing the completed documentation provided them. Information is being gathered from a analysis of the Finance Directorates Ledgers and work is continuing on updating of loan fund records. Data should be sent to the PBSs shortly to assist them in proper loan fund accounting. PBS budgets were submitted to budget sub-committee who returned them for further revision.

The gathering of data for the establishment and updating of loan funds records is a time consuming task. These records, however are vital for the adequate administration of PBS Loan Funds as set forth in REB & PBS Instructions. Progress has been slow due in part to work on PBS budget proposals and absence of the Deputy Director.

It is recommended that work continue toward the objective of establishing adequate loan fund records and effective system implementation. The function of loan fund accounting is new to REB, vital to the program and requires strict management. The DD should be actively engaged in this. Progress should be more substantial and continually monitored by management. If the review of PBS budget proposals is to be a permanent function of this branch, the organizational manual, systems and procedure should be revised to provide for the efficient performance of this.

E. PBS Systems Operation

Comilla PBS-I

PDB has informed REB that their 11 KV OCR are not working properly and causing the 33 KV line of PDB to trip out resulting in lengthing outages. REB has made appointments to investigate all OCRs in two substations. This test will include oil test, megahm test and operational test. Providing the OCR test is normal the coordination between REB and PDB OCR will be investigated. A detail instruction school is being held to properly test the 1Ø OCR and 3Ø OCR in substation.

Tangail PBS-I

Meter reading and line inventory is nearing completion at the Mirgapur Bazaar. Following completion the Tangail PBS will complete the take over of that area.

All the PBS transports were found in good working condition. The records are to date and no problems are indicated. The three wheel transport is designed with top bearing characteristics and is easy to tip over. It was recommended they cut the body off and make a small pick up from this vehicle.

The warehouse appears neat and orderly and all substations are operating normal. The transportation for metering has been restricted because of transports on standby. This causes the linemen to travel by bus to connect meters. The bus drivers have learned about the linemen and their hot sticks, tools, wire, meters etc; and now will not stop to pick them up.

Like all PBS, transportation to some of the Bazzars is a problems. The linemen have to walk one way 12 to 15 miles to connect meters. They also have to carry their tools, hotsticks, wire and meters to the location sometimes a boat is needed.

Dhaka PBS-I

Inspection of transportation found them in very poor condition. The half cab jeep would not run and we were not able to verify when it had been serviced. The filters were all dirty, the battery was out of water and no charge and the clutch was stuck indicating it

had not been run for quite some time. The jeep pick-up truck was the same way as the half cab jeep. The desil jeep would run but not good. The tractor runs but various switches and lights would not work. All transports were made to start and clean up notes were issued to get them in better operating condition. The General Manager informed that the transports were in that condition when he first arrived as new General Manager and would like to get them all in good running order because he needed all the transports he could get.

The tree problem has grown in that area and work must start once to get it under control. Several methods were discussed on the bamboo problem and it was decided to experiment on 10 miles by using guards made from old poles, junk wire and some cross arms where necessary. Rerouting of the line was also considered.

There was no indication of line maintenance in many months. Many OCRs were out of service, lines were found broken and not repaired and road clearance is causing problems. New design of line was made to correct road crossings where trucks broke the conductor.

All General Managers hesitate to spend money on their PBS. They are not properly informed what authority they have for this purpose. A meeting for all General Manager and the top level of REB is necessary to properly discuss and to reach decision on this subject.

#### Sylhet PBS-II

The transformer at the PDB substation is rated at 10 megawatt in the Sylhet area. A problem exist because  $7\frac{1}{2}$  megawatt is used elsewhere. This transformer has another winding of 11 KV that has capacity 2.5 M.W. The PBS needs 5 megawatt so a new line was designed using  $2\frac{1}{2}$  M.W. of 33 KV and  $2\frac{1}{2}$  megawatt of 11 KV. The PBS has completed their conversion and are now waiting on PDB to connect to their transformer.

Maintenance of line and transportation appear to be under control. The employees appear to work well with each other and no major problems are anticipated.

#### Comilla PBS-II

Underground cable has caused problems on the PBS System. This wire, consumer owned, is rated 10 KV but the PBS voltage is 11 KV. This cable has blown up and burned the wire in several places during the month. Comilla-I has had problems with this wire and Pabna-III reports the same thing.

Storm damage was high during the spring causing broken poles and wire.

#### Sylhet PBS-I

Winds have caused damage during the spring. Broken poles, wire and loss of transformers are reported.

Operations is recommending to the engineering department to add more side anchors on the design of line. The soft mud fields and high winds are causing the line to rock and whip until many poles are leaning or broken off.

F. Member Services & Power Use

A short supply of single-phase electric motors continues to delay progress in agriculture irrigation and rural industries development.

REB had Comilla Cooperative Machine Shop to make a blower to utilize with an electric powered paddy dryer, and with the assistance of BRRRI the paddy dryer was installed at Jessore PBS-I to be used for demonstrations.

REB's Member Service & Power Use Directorate participated in a training program for PBS manager trainees and a AGM'S of Member Services.

KRISHIKOL Company reports that license arrangements have been made with Scot Pump Company and Leeson Motor Company in the U.S.A. to manufacture single-phase electric motors in Bangladesh. The market should be good because rural people cannot afford to pay the high prices for all sizes of 1Ø motors in Bangladesh.

REB's Member Service & Power Use Directorate met with GEC concerning design and increased production of GEC motor-pump sets.

REB tested a 5 H.P. single-phase motor and starter for A.K. Khan. The tests proved very successful.

BRRRI reports positive results from testing of a centrifical designed rice huller for REB. Plans are to manufacture this efficient rice huller in Bangladesh.

REB is encouraging the PBS' to become more active in developing their village advisor programs.

Dhaka PBS-I held a workshop for a group of agriculture engineering students from Mymensingh University.

REB meet with the staff of the Tangail Agriculture Development Project about coordinating programs with Tangail PBS-I.

REB continues to work with the PBS Member-Service & Power Use staffs in regards to motor driven equipment, motor connections, and electric services.

REB conducted wiring evaluation of PBS and consumer service wiring in three PBS; Dhaka PBS-I, Sylhet PBS-II, and Sylhet PBS-I.

Village electrician quarterly meetings are being scheduled in each PBS. This is organized by the PBS with guidelines given by REB. There were 60 electricians in attendance at the first meeting at Dhaka PBS-I to see a slide presentation on motors and motor protective devices.

REB assisted Comilla PBS-I with a Power Use Exhibition.

Comilla Cooperative Machine Shop made a rice winnower machine for REB.

REB placed a order for twelve podder's wheels from CARITAS for demonstration purposes with the PBS'.

REB purchased a small incubation from Covert Electric Systems Company for demonstration purposes.

#### G. Program Planning

##### Program

1. Regular monthly reports were submitted to the following offices:
  - i) Monthly Resume of Activities-Ministry of Energy.
  - ii) Report on Foreign Aid Use-E.R.D.
  - iii) Monthly Progress Report-National Energy Committee.
  - iv) Monthly Report to the C.M.L.A.
  - v) Implementation of Development Projects Report-Ministry of Energy.
  - vi) Monthly Progress Report-N.E.C.
  - vii) Monthly Report to the D.C.M.L.A.
2. Quarterly reports were submitted to the following offices.
  - i) Quarterly Report-National Economic Council.
  - ii) Quarterly Report-Project Monitoring Bureau.
3. The Annual Development Plan for Fiscal Year 1982-1983 was approved by the Government.
4. Various reports were prepared for Martial Law Officials, the Ministry of Energy, and other Government Offices.
5. Various work papers were prepared for the Chairman of REB.

##### Monitoring

1. All Baseline Survey data on the first 13 PBS was coded, verified, and encoded.
2. Arrangements were completed with the Bangladesh Institute of Development Studies Computer Center for processing of the Baseline Survey and Impact Evaluation Survey.
3. Impact Evaluation Survey data was coded, verified, and encoded.

4. Time series data was collected on the 13 Phase I PBS and compiled in appropriate tables, graphs, and reports.

Planning

1. The revision of following elements of the REB Master Plan were completed:
  - i) Detailed Thana Listing of PBS Characteristics
  - ii) PBS Selection and Priority Ranking.
  - iii) Project Implementation Schedule.
  - iv) Material Standards and Costs.
  - v) Typical REB Financial Forecast.
  - vi) REB Organization and staffing.
2. A Project Proforma on the Extension of Tangail-I PBS and Mymensingh-I PBS was completed and submitted to the Ministry of Energy.
3. Revised Project Proformas on Phase II A and Phase II B were approved by the Government.

III. ENGINEERING & TECHNICAL DEVELOPMENT.

A. General

REB has been preparing Bid Documents for portions of the US AID Expansion Project, which is now considered as Phase-II. Planned loads on Dhaka PBS-I and on Gorai have been receiving engineering attention.

KFAED - The abbreviation SED means System Engineering and Design.

Reviewed transformer test reports submitted by Pacific Engineering (PEC) on the KFAED Project. Checked the detailed substation drawings from Pacific Engineering ; SED has assigned a new, inexperienced engineer for this function. Detailed questions were sent to PEC on various items, but replies have been slow. Substation erection has begun and questions continue to arise for clarification. The PEC drawings were received late and there was neither time nor manpower for adequate review prior to construction.

IDA - International Tender of Bid Packages 1,2 and 3 (IDA) were opened on 10 February. Line Tools and Sectionalizing Devices should be rebid. There have been reoccurring questions about reasons for rebid, on both IDA and on the earlier KFAED Bid. The reasons were inadequate and non-responsive offers. Much time has been and is still being taken by these questions on non-USAID Bids. This is an extra burden on the small staff of SED and NRECA/CAI.

US AID - Late 1982 field reports show an immediate need for materials in 1983. A joint review in January 1983 with the Member Engineering, SED, E&M, developed two lists: One for urgent needs and one for later needs in 1983. A later SED recheck based on 35 miles of PDB and on 200 miles of PBS "As Built" staking sheets was used to revise Bid 16.

The January review resulted in questions about the stock position of all the conductors. REB resolved most questions and is still analyzing the 1/0 ACSR stock position; 1/0 ACSR will be needed to finish USAID Phase-I to avoid ordering more #3 ACSR.

In late 1982, SED requested monthly load information on all PBS substations. To date this information has not been received but it is needed for engineering and management. SED does not receive any load data so cannot do any System Engineering based on realistic data.

SED has begun to set up a testing program with the Bangladesh Central Testing Laboratories for both local & foreign materials.

SED obtained list of prior local purchases for use on Bid 16, plus extra purchases under US AID Bid 15 Via Hyundai and Via CAI-Jackson Office.

System Engineering and Design has completed the preparation of technical portion of the tender document for the US AID Phase-II and sent it to Procurement.

The Director of SED arranged a meeting with the Surveyor-General of Bangladesh which may help REB & the Consultants obtain detailed maps dated 1967. The aerial photos dated 1975 are excellent but are most difficult to obtain for security reasons. On new PBS the 1967 maps, if used, will improve the results. SED should require their use.

Most of the detail maps on the US AID funded PBS's need revisions so that operations, maintenance, and expansion will be based on good maps.

INSURANCE CLAIM STATUS UP TO 30-6-1983

	NUMBER	AMOUNT IN US DOLLAR
CLAIM PAID	49	2,36,015.68
CLAIM DENIED	-	-
CLAIM PENDING	25	1,74,006.17
TOTAL TO DATE	74	4,10,021.85

\* Total amount spent US \$ 63,675.07

B. Local Consultants

The Consultants are active in designing and staking of new line and PDB renovation. Closeout documents for completed contracts on US AID Projects are being submitted to REB Finance by the Consultants. Completed documents are being forwarded to finance for completion of documents and final payments to the contractor. (Additional closeouts were not received in April-May, and June).

Staking of the back-bone line has commenced on the new Kuwait funded projects of Rangpur, Khulna, Noakhali and Mymensingh.

The consultants need additional training on sectionalizing for Kuwait, IDA, US AID Expansion, US AID Phase-II, and the Finnish Project. SED and NRECA/CAI completed application and operation guidelines for the PBS's the local consultants and for internal REB use. The consultants also need application guides for capacitors & for voltage regulators.

C. Substation Construction

Construction on USAID substations continues to progress. Most of the parts which were needed to complete the substations have been located and Lalpur and Santhia Substation are nearing completion in the Rajshahi PBS and Pabna PBS, respectively. The second 66 KV high side was used at Madhabpur but modified for 33 KV.

Staking and layout of the substations has commenced on the KFAED funded projects of Khulna, Rangpur, Mymensingh and Noakhali. The 33 KV tower foundations were made longer for light, wet soil in accordance with REB design guides; the local civil consultant participated in this matter. Refer to Exhibit C for a Substation Summary Report.

D. Line Construction

Line Construction continues to progress on the US AID Projects. Material shortages of certain line material items has slowed construction activities in the PBS systems. The recent receipt of under-strength, poor quality material for the KFAED Project is being pursued for early correction, but the poor materials will hamper progress. Because of REB interest in strength, safety, reliability & quality, only limited amounts are being used but it is a matter of concern.

REB Project Division is investigating the materials position of the contractors to determine their needs and also to determine excessive amounts which could be redistributed. This activity has located some materials which were not being used. These materials have been returned to the PBS stores and reallocated to other contractors where needed.

Some locally procured materials are being delivered to the projects which will help to ease the material problems.

Pole raising ceremonies have been held on the KFAED Project and a few poles have been erected.

SUMMARY FOR PBS ENGINEERING CONSULTANTS

(Through June 30, 1983)

	Dhaka PBS-I	Comilla PBS - I	Sylhet PBS-II	Pabna PBS-III NIAZ ASSOCI.	Rajshahi PBS-I CEM	Jessore PBS-II CENTURY	Tangail PBS-I KPL	Rajshahi PBS-II CEM	Pabna PBS-II NIAZ	Pabna PBS-I UPL	Jessore PBS-I PUL	Sylhet PBS-I ECB	Comilla PBS-II TSL	Total for 13 PBS
Engineering Consultants	TSL	PUL	KCL	NIAZ ASSOCI.	CEM	CENTURY	KPL	CEM	NIAZ	UPL	PUL	ECB	TSL	
Mapping	97%	95%	95%	95%	95%	95%	95%	95%	90%	90%	90%	90%	95%	
Staking FDB Inventory	97%	97%	95%	97%	100%	90%	95%	80%	10%	60%	-	-	97%	
Voltage Study	97%	97%	95%	97%	95%	95%	95%	90%	10%*	85%	95%	80%	95%	
Protection Study	97%	95%	95%	95%	95%	95%	95%	90%	10%*	85%	95%	80%	95%	
Contracts**	31	9	4	6	8	8	5	5	3	3	8	5	6	98
Mileage Contracted**	480	550	300	350	400	400	360	400	250	200	410	300	350	4750

\* Bera Substation site relocated, affects circuit from Kashinathpur substation.

\*\* Excludes FDB Renovation Contracts & Mileage.

EXHIBIT - A

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SUMMARY REPORT FOR CONSUMERS

CONSUMERS	Dacca PBS-I	Comilla PBS-I	Sylhet PBS-II	Pabna PBS-III	Rajshahi PBS-I	Jessore PBS-II	Tangail PBS-I	Comilla PBS-II	Rajshahi PBS-II	Pabna PBS-II	Pabna PBS-I	Jessore PBS-I	Sylhet PBS-I	Total for 13 PBS
DOMESTIC & COMMERCIAL	15588	21380	17027	10222	7439	14160	17389	29435	13943	7296	11230	11710	22677	199496
D.T.W.	123	97	-	75	68	19	262	36	81	30	27	87	13	918
PUMP S.T.W.	48	74		219	456	134	187	-	121	97	234	371	9	1947
L.L.T.	91	9		174	48	103	-	303	56	13	9	100	104	1010
Rice Mills/Saw Mills/Small Industries	84	268	108	87	32	22	227	147	81	40	20	127	27	1255
Large Industries	2	-	25		-		-	3	-	-	-	-	12	42
TOTAL	15933	21813	17160	10777	8043	14438	19065	29924	14282	7476	11520	12395	22842	204668

SUMMARY FOR ALLOCATED & STAKED MILEAGE

June 30, 1983

HT & LT  
LINE MILES

Name of the PBS's	Allocated/Staked & Approved													
	Dacca PBS-I	Comilla PBS-I	Sylhet PBS-II	Pabna PBS-III	Rajshahi PBS-I	Jessore PBS-II	Tangail PBS-I	Comilla PBS-II	Rajshahi PBS-II	Pabna PBS-II	Pabna PBS-I	Jessore PBS-I	Sylhet PBS-I	Total for 13 PBS
Allocated Appd to H/Build	478/402	658/651	350/359	337/356	366/464	373/417	416/440	538/526	428/439	281/270	238/238	471/429	415/399	5349/5390
Backbone	49.67/12	61.16/65	17.39/19	35/39	45+20/62	33/19	44.86/37	55.75/61	66.8/55	48.25	17.3/14	36.79/41	55/47	585.97/549
2-0 1/0	12.75/20	42.82/18	29.14/37	-/6	60/61	-/19	8.715/5	20/11	9:00/5	6.73	-	8.86/10	21.70/5	225.72/204
HT 3 ACSR	40.60/55	68.71/100	87.18/87	111.15/103	20/73	79.94/109	155.53/63	100/19	100.00/61	60.50	27.43/30	99.01/100	100.20/23	1060.23/883
1-0 1/0	.65/1	-	-	-	/21	-	-	-	-	-	-	-	-	.65/22
HT 3 ACSR	150.65/90	130.12/104	27.32/27	34.6/41	126.25/81	102.475/105	80.169/15	50/15	150.00/56	60.18	57.12/6	121.64/10	100.75/13	1191.48/623
HT TOTAL	254.37	302.81	161.03	180.75	277.25	215.415	289.27	225.75	325.8	175.66	101.85	266.3	287.65	(3063.82/2281)
3-0 3 ACSR	.50	.40/2	-	10.20/20	27.09/1.28	2.091/1	4.2/.28	10/4	2.00/1.02	2.85	13.21/1.2	4.00/3	10.9/.23	87.43/36
1-0 QUD	.75/1	.72/1	2.02	.38	/1.05	2.34/3	.813	5/1	1.00/.41	.55	1.46	0.96	-	12.01/10
LT # 1 QUD	.75	-	.90	-	-	-	.374	2	1.00	.25	-	-	-	5.27
# 3 ACSR	148.25/122	187.44/125	93.39/68	100.53/84	32.4/50	37.758/59	70.2/46	195/44	52.00/43	70:10	80.04/17	114/99	116.75/37	1317.86/864
1-0 6 DUP	68.68/72	80.32/107	93.29/83	42/43	/61	96.98/99	42.77/38	98/36	48.00/45	29	43.43/18	80.46/17	-	722.93/648
LT 3 DUP	5.25	-	-	3.21/9	32.4	-	3.6	2	2.20	2.5	-	-	-	51.16/12
LT TOTAL	223.68	268.88	187.58	156.32	91.88	159.17	121.96	312.00	106.2	105.25	136.68	199.42	127.65	2196.67
GRAND TOTAL	478/403	571.69/522	348.61/323	337.07/345	369.13/411	374.6/414	411.23/204	537.75/191	432.00/266	280.91	238.53/86	465.72/280	415.3/125	5260.49/3851
*Reserved for Kuwait Project PEB				40 *1	49.13					6	60	16.56	18	
Area (Sq.mile)	368	539	475	387	490	366	499	658	464	365	297	455	474	5942
Staked & Approved (3 ACSR except as shown):														
3-0 U.B.	/1		/2-1/0		/1.08	/1	-	/4.23	1-1/0					
1-0 U.B.	/48		/4,3-3		/50	/95	/24	/17	43-3					/68
									5-1/0			/32	/10	/380

SUMMARY REPORT FOR TRANSFORMER

	Dhaka PBS-I	Comilla PBS-I	Sylhet PBS-II	Pabna PBS-III	Rajshahi PBS-I	Jessore PBS-II	Tangail PBS-I	Rajshahi PBS-II	Pabna PBS-II	Pabna PBS-I	Jessore PBS-I	Sylhet PBS-II	Comilla PBS-II	Total for 13 PBS	
S. P.	10 KVA	535	496	229	240	630	604	750	401	210	234	493	303	700	5822
	15 KVA	29	68	8	18	100	33	75	45	48	28	70	32	150	703
	25 KVA	6	5	-	2	25	1	15	15	25	14	30	3	-	141
	TOTAL	<u>570</u>	<u>569</u>	<u>237</u>	<u>260</u>	<u>755</u>	<u>638</u>	<u>840</u>	<u>461</u>	<u>283</u>	<u>276</u>	<u>593</u>	<u>338</u>	<u>850</u>	<u>6666</u>
Conventional	10 KVA	441	372	316	279	255	294	1175	516	213	127	126	305	225	4644
	15 KVA	357	36	18	18	150	42	30	30	9	7	24	27	180	928
	50 KVA	81	22	24	30	6	15	10	3	6	7	8	15	75	302
	75 KVA	9	-	48	-	6	-	-	3	-	-	-	-	30	96
	100 KVA	3	-	3	-	3	-	-	3	-	-	-	-	30	42
	167 KVA	3	6	-	-	-	-	-	6	-	-	-	-	-	15
	TOTAL	<u>894</u>	<u>436</u>	<u>409</u>	<u>327</u>	<u>420</u>	<u>351</u>	<u>1215</u>	<u>561</u>	<u>228</u>	<u>141</u>	<u>158</u>	<u>347</u>	<u>540</u>	<u>6027</u>
GRAND TOTAL:	1464	1005	646	587	1175	989	2055	1022	511	417	751	685	1390	12693	

3/

LINE AND SUBSTATION CONSTRUCTION PROGRESS REPORT UPTO 30-6-1983

NAME OF PBS	MILES OF LINE						Total nos. of staked consumer	Nos. of service drop provided	Line energized in mile
	Nos. of Pole erected	Stringing of 3Ø HT	1Ø I - Phase	L. T.	Total miles 3Ø 1Ø LT Line	Miles Under build Strung			
1	2	3	4	5	6	7	8	9	10
DHAKA PBS-I	10050	134	107	209	450	57	16642	8635	450
COMILLA PBS-I	11365	97	74	199	470	33	16242	5327	420
RAJSHAHI PBS-I*	10121	209**	88**	84	381	52	8846	5147	441
JESSORE PBS-II	9480	154	107	162	423	101	14842	2388	423
SYLHET PBS-II	7029	133	29	118	280	8	8980	4115	253
TANGAIL PBS-I	7640	138	30	99	267	27	7964	1696	222
COMILLA PBS-II	5300	111	12	92	214	33	8441	1339	179
RAJSHAHI PBS-II*	6385	132	46	81	259	31	6437	4310	282
JESSORE PBS-I	9508	185	100	142	427	32	13016	2619	362
SYLHET PBS-I	3802	82	12	34	129	6	3510	853	83
PABNA PBS-III*	7376	167	39	138	344	40	7972	6400	397
PABNA PBS-II*	3478	75	27	51	153	21	3882	1612	131
PABNA PBS-I*	2559	56	22	33	111	8	2930	692	91
<b>T O T A L</b>	<b>94093</b>	<b>1673</b>	<b>693</b>	<b>1442</b>	<b>3908</b>	<b>449</b>	<b>119704</b>	<b>45133</b>	<b>3734</b>

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**ACRE PHASE - I**  
**CUMULATIVE TARGET AND ACHIEVEMENT OF LINE CONSTRUCTION UNDER**  
**RURAL ELECTRIFICATION BOARD**

**NOTE:**

T = Target, Back = Backbone  
 A = Achievement, Lat = Lateral  
 U/B = Underbuilt  
 Stringing includes Backbone & Lateral

Sl.No.	Name of PBS	Total allocated mile W/ut U/B	Achievement upto June '82 Pole erected in mile (Nos. of pole)	Stringing (back & Lat) +U/B mile	STRINGING 1982 - 1983												Pole erected in mile upto June, 83	Total U/B upto June, 83	Remarks	
					Jul. 82	Aug. 82	Sept. 82	Oct. 82	Nov. 82	Dec. 82	Jan. 83	Feb. 83	Mar. 83	Apr. 83	May 83	Jun. 83				
1.	DACCA-I	478/402	482(8667)	342+48	T	5	10	20	30	40	50	65	80	95	110	120	130		12	
					A	10	18	28	38	48	58	73	88	103	118	128	138		12	
2.	COMILLA-I	658/651	542(9750)	410+33	T	5	10	20	35	50	70	90	110	125	140	155	165		10	
					A	2	7	14	21	28	35	42	50	58	66	74	82		10	
3.	RAJSHAHI-I	366/464	393(7065)	296+44	T	5	10	15	20	30	35	40	50	60	70	75	80		16	
					A	1	4	7	10	13	16	19	22	25	28	31	34		16	
4.	JESSORE-II	373/417	427(7700)	346+55	T	5	10	15	20	30	35	40	50	60	65	70	70		15	
					A	4	14	24	34	44	54	64	74	84	94	104	114		15	
5.	SYLHET-II	350/359	318(5405)	187+10	T	5	10	20	35	50	70	90	110	125	140	155	165		10	
					A	9	18	27	36	45	54	63	72	81	90	99	108		10	
6.	PAINA-III	337/356	331(5950)	270+37	T	5	10	15	21	28	38	48	60	75	90	100	107		14	Mileage inc 10 miles of DB line.
					A	-	12	24	36	48	60	72	84	96	108	120	132		14	
7.	JESSORE-I	471/429	275(4950)	207+17	T	5	10	20	35	50	70	90	115	140	155	170	180		12	
					A	3	10	20	30	40	50	60	70	80	90	100	110		12	
8.	RAJSHAHI-II	428/439	204(3670)	143+18	T	5	10	20	35	50	70	90	110	125	140	155	165		14	
					A	1	11	19	28	37	46	55	64	73	82	91	100		14	
9.	TANGAIL-I	416/440	229(4130)	141+11	T	5	10	20	35	50	70	90	115	140	155	170	180		12	
					A	7	14	21	28	35	42	49	56	63	70	77	84		12	
10.	COMILLA-II	538/526	153(2750)	114+16	T	5	10	20	35	50	65	85	105	130	145	160	170		18	
					A	4	20	25	32	39	46	53	60	67	74	81	88		18	
11.	PAINA-II	281/270	131(2350)	108+14	T	5	10	20	35	50	70	90	110	125	140	155	165		20	
					A	1	2	4	6	7	10	13	16	19	22	25	28		20	
12.	SYLHET-I	415/399	80(1440)	40+3	T	5	10	20	35	50	65	85	100	115	130	145	155		8	
					A	3	13	21	28	35	42	49	56	63	70	77	84		8	
13.	PAINA-I	238/238	28(500)	5+	T	5	10	20	30	45	65	85	105	120	135	150	160		10	
					A	-	17	26	36	45	54	63	72	81	90	99	108		10	
	<b>SUM TOTAL</b>	<b>5349/5349</b>	<b>3593(65297)</b>	<b>2609+282 = 2891</b>	<b>T</b>	<b>65</b>	<b>130</b>	<b>245</b>	<b>401</b>	<b>573</b>	<b>773</b>	<b>988</b>	<b>1220</b>	<b>1435</b>	<b>1615</b>	<b>1780</b>	<b>1892</b>		<b>171</b>	
					<b>A</b>	<b>45</b>	<b>164</b>	<b>272</b>	<b>372</b>	<b>477</b>	<b>587</b>	<b>702</b>	<b>822</b>	<b>947</b>	<b>1082</b>	<b>1227</b>	<b>1382</b>		<b>171</b>	

FIELD MAN MONTHS  
EXPATRIATE STAFFING AS OF JUNE 30, 1983

Position/Name	D/M/Y	D/M/Y	Contract	Man Month Individual	Man Months Position Utilized	Man Months Position Remaining
	Arrival Date	Departure Date				
<b>TEAM LEADER</b>			72			
E. Gaither	11-1-78	2-12-81		42.7	59.4	12.6
J. Heifner	1-12-81			16.7		
<b>ENGINEERING ADVISOR</b>			72		61.8	10.2
E. Leffler	11-01-78	12-08-79		19.0		
W. McCormick	12-08-79	20-12-80		16.0		
C. Ham	20-12-80	14-03-82		15.0		
D. Pierce	25-5-82			7.2		
R. Wagoner	11-2-83			4.6		
<b>FINANCE ADVISOR</b>			72		56.7	15.3
R. Porter	28-04-78	03-03-80		20.6		
R. Meyer	20-05-80			36.1		
<b>INSTITUTIONAL TRAINING ADVISOR</b>			72		55.8	16.2
J. Leming	12-9-78			55.8		
<b>TECHNICAL TRAINING ADVISOR</b>			54		45.3	8.7
I. Holler	31-7-79	1-5-82		32.6		
E. Wheeler	11-5-82			12.7		
<b>POWER USE ADVISOR</b>			46	34.4	43.7	2.3
* J. E. Kelly	22-05-80			12.3		
I. Holler	1-5-82					
<b>FEASIBILITY STUDY ADVISOR</b>			30		30.5	(0.5)
* K. Cureton	11-10-80			30.5		
<b>EVALUATION SPECIALIST</b>			8		2.9	5.1
E. Mouldenhauer	19-04-80	15-07-80		2.9		
<b>DEVELOPMENT ADVISOR</b>			48		49.7	(1.7)
E. Moody	25-4-78	31-5-79		11.6		
C. Pressey	25-4-78	30-8-81		38.1		
<b>MANAGEMENT ADVISOR</b>			242		168.9	73.1
J. Heifner	09-03-79	1-12-81		30.2		
E. Moody	01-06-79	30-10-81		29.0		
C. Kimball	17-06-80	11-5-82		22.5		
D. Knight	15-09-81			20.8		
E. McLeod	15-09-81			20.1		
V. Orr	8-1-82			16.8		
B. Schafer	21-5-82			12.6		
E. Thiessen	13-7-82			11.5		
M. Manon	18-1-83			5.4		

\* Position extends using unutilized M.M.

Position/Name	D/M/Y Arrival Date	D/M/Y Departure Date	Contract Man Month	Individual Man Months Utilized	Position Man Months Utilized	Position Man Months Remaining
<b>SUBSTATION ENGINEER</b>						
J. Teener	09-05-78	07-11-78	6	6.0	6.0	0
<b>DISTRIBUTION ENGINEER</b>						
G. Pomeroy	06-05-78	19-12-78	60	7.6	52.4	7.8
E. Leffler	13-08-79	30-06-81		22.7		
C. Burfoot	07-07-81			21.9		
<b>DESIGN ENGINEER, CONSTRUCTION</b>						
J. Halfacre	13-04-79	12-08-79	42	7.9	30.0	12.0
H. Drahos	23-02-80	26-08-80		6.1		
R. Westenbroek	19-08-80	13-01-81		4.5		
R. Byre	6-7-82			11.5		
<b>SUBSTATION ADVISOR</b>						
R. Olson	28-06-80	11-12-81	18	17.5	17.5	0.5
<b>MATERIAL HANDLING ADVISOR</b>						
R. Nesbit	05-06-78	02-10-80	66	20.0	58.1	7.9
C. Ham	10-02-80	20-12-80		10.4		
J. Wright	10-01-81	10-01-82		12.0		
L. Herrriott	23-02-82			15.7		
<b>CONSTRUCTION SUPERINTENDENT</b>						
J. Zimmerman	30-03-79	29-6-82	58	39.0	39.0	19.0
<b>CONSTRUCTION ADVISOR (Line)</b>						
P. Smith	16-10-79	29-11-79	250	1.5	213.8	36.2
F. Bevins	02-9-79	14-12-80		15.7		
H. Earl	01-12-79	12-06-81		18.0		
K. Breunig	11-12-79	10-12-82		34.6		
L. Wolfe	26-01-80	14-07-81		17.9		
R. Nesbit	02-10-80	30-06-81		16.4		
R. Carl	06-02-80			40.3		
C. Strampher	01-03-81			31.2		
E. Reese	02-10-81	06-11-81		1.1		
P. Allard	16-02-82			16.0		
J. Hardman	31-8-82			10.0		
J. Zimmerman	7-1-83			5.8		
B. Sisco	7-1-83			5.3		

Position/Name	D/M/Y	D/M/Y	Contract	Man Month Individual	Man Months Position Man Months Utilized	Position Man Months Remaining
	Arrival Date	Departure Date				
<b>SHORT TERM SPECIALISTS</b>			42		20.9	21.1
J. Taylor	24-01-78	06-02-78		0.5		
J. Scoltock	09-12-78	02-06-79		4.8		
G. Gruenberg	11-07-79	07-10-79		2.9		
G. Moon	25-01-80	18-04-80		2.8		
J. Taylor	26-04-80	27-05-80		1.0		
J. Scoltock	05-03-80	26-05-80		0.8		
W. Floris	05-03-80	26-05-80		0.8		
P. Costas	05-03-80	26-05-80		0.8		
J. Taylor	01-07-80	17-07-80		0.5		
J. Nelson	30-11-80	16-12-80		0.5		
J. Gates	06-12-80	16-12-80		0.5		
A. Lyman	24-04-81	29-05-81		1.2		
R. Bates	07-08-81	08-11-81		3.0		
A. Lyman	01-06-82	02-07-82		1.0		
<b>TOTALS</b>			1258	1012.2	1012.2	245.8

RURAL ELECTRIFICATION BOARD  
FINANCIAL AND STATISTICAL REPORT  
FOR THE QUARTER ENDING JUNE 1983.

REB Form No.551  
Rev. (11-79)

Page: 1 of 5

INSTRUCTION: Round all amounts to nearest Taka

PART A STATEMENT OF OPERATIONS

ITEM	YEAR TO DATE			THIS QUARTER
	LAST YEAR	THIS YEAR	BUDGET	
<u>Non Operating Revenues:</u>				
i. Revenue From Non Utility Operations	5,52,170	5,60,251		1,33,481
ii. Sale of Tender document	2,83,655	5,52,305		1,14,030
iii. Miscellaneous Income	4,65,437	63,93,933		61,22,752
iv. Interest Income	13,82,738	18,68,458		8,91,895
v. TOTAL OPERATING REVENUE (i to iv)	26,84,000	93,74,947		72,62,158
<u>Operating Expenses:</u>				
<u>2. Pay &amp; Allowances:</u>				
i. Officers Pay	26,60,114	21,85,548	30,00,000	5,46,387
ii. Staff Pay	10,15,340	5,35,225	11,00,000	1,33,806
iii. Master Roll Salary	6,49,076	7,55,918	12,00,000	1,88,980
iv. Honourarium	6,24,972	2,03,762	4,00,000	50,940
v. Other Allowance	14,00,213	18,94,483	25,00,000	4,73,621
vi. Total Pay & Allowances (i to v)	63,49,715	55,74,936	82,00,000	13,93,734
<u>3. General Office Expenses:</u>				
i. Utilities	2,87,909	3,25,065	3,00,000	81,266
ii. Transportation M. & O.	32,79,026	19,11,340	24,00,000	4,77,835
iii. Books & Periodicals	40,842	30,400	50,000	7,600
iv. Building Services	47,053	29,537	50,000	7,384
v. Communications Services	5,98,491	3,46,452	4,00,000	86,613
vi. Membership dues, fees & Legal fees	-	-	-	-
vii. Office Supplies & Expenses	5,41,017	85,250	1,00,000	21,313
viii. Travel Expenses (TA/DA.)	11,12,615	6,82,274	14,00,000	1,70,569
ix. Printing form Stationery & Postage	8,99,210	8,61,128	9,00,000	2,15,282
x. Miscellaneous Office Expenses	3,15,212	3,01,714	4,00,000	75,428
xi. TOTAL GENERAL OFFICE EXPENSES(i to x)	71,21,375	45,73,160	60,00,000	11,43,290
<u>4. Outside Services Employed:</u>				
i. Others (Other then Foreign Consultants)	1,53,869	34,875	50,000	8,719
5. Property Insurance	-	-	-	-
6. Injury & Damages	-	-	-	-
7. Employee Pension & Benefits	2,97,972	2,33,084	3,00,000	58,271
8. Training Expenses	2,24,051	4,624	1,00,000	1,156

RURAL ELECTRIFICATION BOARD  
FINANCIAL AND STATISTICAL REPORT  
FOR THE QUARTER ENDING JUNE 1983.

REB Form No.551  
Rev. (11-79)

Page: 2 of 5

INSTRUCTION: Round all amounts to nearest Taka

PART A STATEMENT OF OPERATIONS

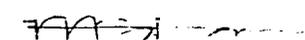
ITEM	YEAR TO DATE			THIS QUARTER
	LAST YEAR	THIS YEAR	BUDGET	
9. Gen. Advertising Expenses	1,85,448	3,60,708	3,00,000	90,177
10. Miscellaneous General Expenses	3,45,255	2,99,918	2,00,000	74,980
11. Rents:	-	-	-	-
a) Office	24,17,575	17,91,826	20,00,000	4,47,957
b) Residence	6,50,995	6,18,589	7,50,000	1,54,647
12. Maintenances of Gen. Plant	3,09,648	2,75,355	3,00,000	68,839
13. Income Tax-Officers & Staff	1,23,851	87,967	1,00,000	87,967
14. SUB TOTAL (2 to 13)	1,81,79,754	1,38,55,042	1,83,00,000	35,29,737
15. Depreciation	24,21,191	29,05,618	-	29,05,618
16. TOTAL OPERATING EXPENSES (14 + 15)	2,06,00,945	1,67,60,660	1,83,00,000	64,35,355
17. NET REB MARGIN (1-16)	(1,79,16,945)	( 73,85,713)	1,83,00,000	8,26,803
<u>PBS ALLOCATED EXPENSES</u>				
18. Outside Services Employed: Foreign Consul.	3,97,25,387	4,84,21,237	4,30,00,000	1,15,07,653
19. <u>TAXES &amp; DUTIES:</u>				
i. Octroi & Demurrage	6,545	36,222	1,00,000	1,023
ii. Income Taxes-Consultant	80,90,458	1,62,96,791	1,00,000	54,39,876
iii. Import Taxes Duties Consultant-Stationery	( 7,93,749)	1,417	-	-
iv. Import Taxes & Duties-Project Store	1,32,57,698	3,45,81,418	24,00,000	2,03,69,437
v. TOTAL TAXES & DUTIES (i to iv)	2,05,60,952	5,09,15,848	6,80,00,000	2,58,10,336
20. Interest Expense	58,33,154	76,52,939	66,00,000	38,90,500
21. TOTAL EXPENSES:(16+18+19+20)	8,67,20,438	12,37,50,684	13,01,00,000	4,76,43,844
22. Other Deduction	-	-	-	-
23. Extra Ordinary Items	-	-	-	-
24. NET MARGIN	(8,40,36,438)	(11,43,75,737)	13,01,00,000	(4,03,81,686)

CERTIFICATION

I hereby certify that the entries in this Report are in accordance with the accounts and other records of the Rural Electrification Board, Finance Directorate and reflect the status of the account to the best of my knowledge and belief.

Date 18 July, 1983

EXHIBIT F

  
 Md. Khalilur Rahman  
 Director, Finance.

RURAL ELECTRIFICATION BOARD  
PART B. BALANCE SHEET  
AS AT 30-6-83.

Page: 3 of 5

<u>ASSETS AND OTHER DEBITS</u>		<u>LAST YEAR</u>	<u>THIS YEAR</u>	<u>ASSETS AND OTHER DEBITS</u>		<u>LAST YEAR</u>	<u>THIS YEAR</u>
<u>Plant in Service</u>							
<u>General Plant</u>							
1. Land		64,43,588	92,42,264	33. Cash-General Fund-Non-Convertible		1,22,798	21,24,294
2. Structures & Improvements		6,88,938	47,31,910	34. Total Cash-Loan & Grants USAID(32 to 33)		20,22,332	24,01,907
3. Office Furniture & Equipments		41,24,966	60,56,750	35. Working Funds		21,96,296	22,49,296
4. Transportation Equipment		1,01,61,493	1,04,33,362	36. Temporary Cash Investments		-	-
5. Stores Equipment		-	-	<u>Notes Receivable:</u>			
6. Tools Shop and Garage Equipment		15,79,044	18,78,672	37. PBS-Operating Fund:		2,01,78,836	2,57,76,486
7. Laboratory Equipment		68,753	6,65,348	38. PBS-Notes Receivable		-	21,61,45,999
8. Power Operated Equipment		8,48,042	-	39. PBS-House Wiring Materials		2,04,57,711	1,35,17,807
9. Communications Equipment		10,968	10,968	40. Total Notes Receivable (37 to 39)		4,06,36,547	25,54,40,292
10. Miscellaneous Equipment		9,24,417	12,45,262	<u>Accounts Receivable-Net</u>			
11. Other Tangible Property		-	2,938	41. Customers		11,75,03,862	-
12. Total General Plant (1 to 11)		2,48,50,239	3,42,67,474	42. Reimbursable Jobs		-	-
<u>Construction Work in Progress:</u>				<u>Employees Accounts Receivable-Net</u>			
13. Line Construction		35,29,40,001	44,01,48,061	43. Advance CPF		40,895	46,672
14. PBS Substation		1,06,06,511	5,32,08,865	44. Advance Pay		29,203	23,463
15. PBS Complex		34,53,438	1,21,06,124	45. Advance TA/DA		1,56,288	1,76,509
16. PBS Consultancy		3,09,18,322	5,01,48,848	46. Advance Bicycle		51,893	74,515
17. PBS Warehouse		1,17,86,002	1,05,63,125	47. Advance Motor Cycle		8,990	8,990
18. Total Construction Work-in-Progress(13 to 16)		40,97,04,274	56,61,75,023	48. Other Temporary Advance		4,02,720	8,60,602
19. Total Utility Plant 12+18		43,45,54,513	60,04,42,497	49. Total Employees Accounts Receivable (43 to 48 )		6,89,989	11,90,751
20. Accumulated Provision for Depreciation and Amortization (Utility Plant)		(67,28,680)	(96, 34,297)	<u>Materials and Supplies:</u>			
21. Net Utility Plant (19-20)		42,78,25,833	59,08,08,200	50. Common Stores		61,17,685	67,75,867
<u>Other Property and Investments:</u>				51. Project Stores		24,95,14,094	33,52,91,804
22. Non-utility Plant		-	-	52. Stores Expenses Undistributed		(37,51,269)	( 83,57,188)
23. Accumulated Provision for Depreciation and Amortization (Non-utility Plant)		-	-	53. Total Materials & Supplies		25,18,80,510	33,37,10,483
24. Other Investments		4,78,140	4,500	<u>Prepayments</u>			
25. Special Funds		1,39,20,820	2,52,39,648	54. Insurance		7,55,351	25,64,754
26. Total Other Property & Investments(22 to 25)		1,43,98,960	2,52,44,148	55. Rents		11,13,586	9,58,332
<u>Current &amp; Accrued Assets</u>				56. Taxes		3,72,90,381	5,61,85,922
<u>Cash General Fund Accounts</u>				57. Interest		-	-
27. Cash-General Fund Account		4,36,942	63,80,558	58. Mobilisation Advance		5,15,843	-
28. Cash-Savings Accounts		2,35,45,772	4,75,92,164	59. Advance to Supplier		66,75,018	-
29. Cash-Payroll Account		1,11,472	-	60. Miscellaneous		-	96,74,704
30. Cash-Construction Accounts		54,98,772	-	61. Total Prepayments (54 to 60)		4,63,50,179	6,93,83,712
31. Total Cash-General Fund Accounts(27 to 30)		2,95,92,958	5,39,72,722	62. Other Aurrent & Current & Assests		-	8,80,000
<u>Cash-Loan and Grants US AID</u>				63. Total Current & Accrued Assets (31+34 to 36+40 to 42+49+53+61+62)		49,08,72,673	71,92,29,163
32. Cash-General Fund-Convertible		18,99,534	2,77,613	64. Deferred Debits		11,56,871	7,12,314
				65. Total Assets & Other Debits (21+26+63+64)		93,42,54,337	133,59,93,825

RURAL ELECTRIFICATION BOARD  
PART B. BALANCE SHEET  
AS AT 30-6-83.

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<u>LIABILITIES AND OTHER CREDITS</u>	<u>LAST YEAR</u>	<u>THIS YEAR</u>	<u>LIABILITIES AND OTHER CREDITS</u>	<u>LAST YEAR</u>	<u>THIS YEAR</u>
<u>Capital Investment or Donated Capital</u>			<u>Miscellaneous Current and Accrued Liabilities</u>		
66. Government Grants	59,41,54,000	77,81,79,000	90. Accrued Payroll	-	-
67. U.S. AID Grants	41,80,79,347	54,19,68,402	91. Accrued CFF	9,50,877	12,62,660
68. Other Donated Capital	-	-	92. Accrued Benevolent Fund	64,802	96,741
69. Total Capital Investment or Donated Capital (66 to 68)	-	-	93. Accrued Group Insurance	917	80
70. Retained Earnings-Prior Year	101,22,33,347	132,01,47,402	94. Accrued House Rent	93,500	-
71. Operating Retained Earning-Current Year	(26,51,58,889)	(34,91,95,327)	95. Other Current and Accrued Liabilities	1,18,30,450	1,42,30,351
72. Non-operating Retained Earnings	(8,40,36,438)	(11,43,75,737)	96. Total Miscellaneous and Accrued Liabilities (90 to 95)	1,29,40,546	1,55,89,832
73. Total Retained Earning-Equities	(32,70,448)	-	97. Total Current and Accrued Liabilities (83+86+89+96)	2,58,88,117	5,10,46,503
74. Total Retained Earnings & Equities(69 to 73)	(34,91,95,327)	(46,35,71,064)	<u>Deferred Credits &amp; Operating Reserves</u>		
<u>Long-Term Debit</u>			98. Customer Advances	-	-
75. Government Loans	-	-	99. Other Deferred Credits	53,28,200	54,24,737
76. U.S. AID Loans	24,00,00,000	42,29,46,247	100. Operating Reserves	-	-
77. Interest Accrued Deferred Loans	-	-	101. Total Deferred Credits & Reserves (98 to 100)	53,28,200	54,24,737
78. Total Long Term Debit (75 to 77)	24,00,00,000	42,29,46,247	102. Total Liabilities and other Credits (74+78+97+101)	93,42,54,337	133,59,93,825
<u>Current and Accrued Liabilities</u>			<u>RATIOS</u>		
79. Notes Payable	-	-	A. Current Assets to Current Liabilities Ratio (63 ÷ 97)	19:01	14:09:01
80. Accounts Payable	5,06,521	1,98,03,701	B. Margin & Equities as % of Assets (71 ÷ 65) X100	-9%	(-)8.56%
81. Customer Deposits	1,24,41,050	1,56,52,970	C. Long Term Debts as % of Plant (78 ÷ 19) X100	43%	70.44%
82. Taxes Accrued	-	-			
83. Total Payable (79+82)	1,29,47,571	3,54,56,671			
<u>Interest Accrued</u>					
84. U.S. AID Loans	-	-			
85. Other	-	-			
86. Total Interest Accrued (84+85)	Nil	Nil			
<u>Taxes and Duties Payable</u>					
87. Customs Duty	-	-			
88. Income Tax Payable	-	-			
89. Total Taxes and Duties Payable (87+88)	Nil	Nil			

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RURAL ELECTRIFICATION BOARD  
STATEMENT OF SOURCE AND APPLICATION OF FUNDS  
AS AT 30 JUNE, 1983

Page: 5 to 5

<u>LINE</u>	<u>LAST YEAR</u>	<u>THIS YEAR</u>	<u>INC./DEC.)</u>
<u>SOURCE:</u>			
66 Government Grants	59,41,54,000	77,81,79,000	18,40,25,000
67 USAID Grants	41,80,79,347	54,19,68,402	12,38,89,055
76 USAID Loan	24,00,00,000	42,29,46,247	18,29,46,247
101 Deferred Credits.	53,28,200	54,24,737	96,537
	<u>125,75,61,547</u>	<u>174,85,18,386</u>	<u>49,09,56,839</u>
	=====	=====	=====
<u>APPLICATION:</u>			
12 Utility Plant	2,48,50,239	3,42,67,474	94,17,235
18 PBS CWIP	40,97,04,274	56,61,75,023	15,64,70,749
26 Investments	1,43,98,960	2,52,44,148	1,08,45,188
40+41 PBS Loans	15,81,40,409	25,54,40,292	9,72,99,883
73-20 Deficite before Depo.	34,24,66,647	45,39,36,767	11,14,70,120
64 Deferred Debits.	11,56,871	7,12,314	( 4,44,557)
63-40 Working Capital	30,68,44,147	41,27,42,368	10,58,98,221
	<u>125,75,61,547</u>	<u>174,85,18,386</u>	<u>49,09,56,839</u>
	=====	=====	=====

EXHIBIT F

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FINANCIAL STATUS SUMMARY  
 PROJECT 388-0021  
 AS AT 30 JUNE 1983 \$000

	<u>BUDGET</u>	<u>EXPENDED</u>	<u>BALANCE</u>
I. Construction Commodities	72705	70863	1842
II. Technical Assistance	15946	13649	2297
III. Support Commodities	6774	7261	(487)
IV. Project Loans	6233	3713	2520
V. Contingency	2671	-0-	2671
VI. Taxes & Duties	11779	16114	(4335)
TOTAL PROJECT	<u>116108</u> =====	<u>111600</u> =====	<u>4508</u> =====

Financing:

UA AID Loan	34000	34000	-0-
US AID Grant	35300	31860	3440
GOB Grant (PP Amend. Financial Plan)	128016	28016	-0-
GOB Grant (Additional Contribution)	18792	17724	1068
TOTAL PROJECT	<u>116108</u> =====	<u>111600</u> =====	<u>4508</u> =====

RURAL ELECTRIFICATION PROJECT (355-0021)  
Summary of Project Expenditures  
As At 30th June 1983 \$000

	BUDGET				COMMITTED OR IN PROCESS				UNEARMARKED BALANCE				
	USAID FUNDS		GOB FUNDS	TOTAL	USAID FUNDS		GOB FUNDS	TOTAL	USAID FUNDS		GOB FUNDS	TOTAL	
	FX	LC	LC		FX	LC	LC		FX	LC	LC		
<b>I. CONSTRUCTION COMMODITIES</b>													
1. Lines	24651	2550	10835	38036	36235		5412	41647	(11584)	2550	5423	(3611)	
2. Line Rehabilitation	1160		767	1927	-		315	315	1160	-	452	1612	
3. Transformers	3574		500	4074	6117		105	6222	(2543)	-	395	(2148)	
4. Line Protection	703			703	1021			1021	(318)	-	-	(318)	
5. Services	8980			8980	1431			1431	7549	-	-	7549	
6. Street Lighting	143			143	142			142	1	-	-	1	
7. Substations	4206		1497	5703	4781		725	5506	(575)	-	772	197	
8. Spares	400			400	-			-	400	-	-	400	
9. Construction Equipment	2305			2305	2801			2801	(496)	-	-	(496)	
10. General Plants	1345		6183	7528	579		11199	11778	766	-	(5016)	(4250)	
11. Inflation	2456	450		2906	-			-	2456	450	-	2906	
Sub Total	49923	3000	19782	72705	53107		17756	70863	(3184)	3000	2026	1842	
<b>II. TECHNICAL ASSISTANCE</b>													
1. Local Consultant			3695	3695	-		2786	2786	-	-	909	909	
2. Consultant	8735	2863	20	11618	10387		37	10424	(1652)	2863	( 17 )	1194	
3. REE Training	123		260	383	-		189	189	123	-	71	194	
4. Evaluation	250			250	250			250	-0-	-	-	-0-	
Sub Total	9108	2863	3975	15946	10637		3012	13649	(1529)	2863	963	2297	
<b>III. SUPPORT COMMODITIES</b>													
1. Consultants	275	1400		1675	1601			1601	(1326)	1400	-	74	
2. REB Office			3821	3821	-		4480	4480	-	-	(659)	(659)	
3. Vehicles	231		547	778	386		665	1051	(155)	-	(118)	(273)	
4. Vehicle Maintenance	77	300		377	-			-	77	300	-	377	
5. Training Equipment	75			75	129			129	(54)	-	-	(54)	
6. Inflation	48			48	-			-	48	-	-	48	
Sub Total	706	1700	4368	6774	2116		5145	7261	(1410)	1700	(777)	(487)	
<b>IV. PROJECT LOANS</b>													
1. Housewiring			4500	4500	-		1429	1429	-	-	3071	3071	
2. Small Industries					-			-	-	-	-	-	
3. Inflation					-			-	-	-	-	-	
4. PBS Op. Fund			1733	1733	-		2284	2284	-	-	(551)	(551)	
Sub Total			6233	6233	-		3713	3713	-	-	2520	2520	
<b>V. CONTINGENCY</b>	2000		671	2671	-			-	2000	-	671	2671	
<b>VI. TAXES &amp; DUTIES</b>													
1. Taxes & Duties on Imp.			8848	8848	-		12515	12515	-	-	(3667)	(3667)	
2. Expatriate Income Tax			2200	2200	-		2283	2283	-	-	(83)	(83)	
3. Interest during Cons.			731	731	-		1316	1316	-	-	(585)	(585)	
Sub Total			11779	11779	-		16114	16114	-	-	(4335)	(4335)	
<b>TOTAL PROJECT</b>	<b>61737</b>	<b>7563</b>	<b>46808</b>	<b>116108</b>	<b>65860</b>		<b>45740</b>	<b>111,600</b>	<b>(4123)</b>	<b>7563</b>	<b>1068</b>	<b>4508</b>	

MONTHLY SHIPPING REPORT ~~June~~, 1983

INV. NO.	L/COM.NO.	BENEFICIARY	AMOUNT	PRODUCT	SHIPPING DOCUMENTS RECEIVED	50%		100%		%	OR L/COM EXPIRES	ACTION REQUIRED
						TO BE SHIPPED	SHIPPED	TO BE SHIPPED	SHIPPED			
01	388-01204	Ohm International	672116.69	Line Hardware	Yes	Aug-30-79	May-21-79	Oct-01-79	Dec-05-79	100%	Sept-30-81	
02	388-01210	Gould World Trade	81472.49	Insulators-Pin & Spool	Yes	Jun-03-79	Jun-04-79	Sep-02-79	Jun 23 79	100%	Completed	
03	388-01204	Ohm International	145730.85	Insulators-Suspension	Yes	Jun-07-79	May-21 79	Sep-06 79	May-21-79	100%	Sep-30-81	
04	388-01204	Ohm International	1186650.56	Bare Conductor	Yes	Oct-30-79	May-15-79	Jun-30-80	Sep-09-80	100%	Sep-30-81	
05	388-01211	Pirelli Cable	129842.50	Insulated Conductor	Yes	Jun-03-79	Oct-08-79	Sep-02-79	Jun-21-80	100%	Completed	
06	388-01204	Ohm International	85386.04	Conductor Accessories	Yes	Aug-30-79	Jul-09 79	Oct-15-79	Dec-07-79	100%	Sep-30-81	
07	388-01211	Pirelli Cable	31334.10	Cable & Accessories	Yes	Jun-23-79		Sep-18-79	Feb-28-80	100%	Completed	
08	388-01208	Dae Woo Industrial	491571.00	Transformers	Yes	Aug-30-79	Apr-30-79	Mar-30-79	Oct-31-79	100%	Completed	
09	388-01204	Ohm International	200156.00	Sectionalizing Devices	Yes	Jun-31-79	May-23-79	Sep-22-79	Oct-16-79	100%	Sep-30-81	
10	388-01209	Burndy Corp.	41926.00	Connectors	Yes	Jun-03-79	Aug-22-79	Sep-02-79	Oct-22-79	100%	Completed	
11	388-01206	General Electric	49817.99	Regulators	Yes	Jun-18-79	Oct-17-79	Oct-17-79	Oct-29-79	100%	Completed	
12	388-01207	Westing House	34262.00	Street L ght Equipment	Yes	Jun-02-79	May-30-79	Sep-01-79	May-30-79	100%	Completed	
13	388-01205	Southwire	123485.30	Ground & Guy Wire	Yes	Jun-02-79	Jul-13-79	Sep-01-79	Jul-13-79	100%	Completed	
16	388-01213	General Electric	3988279.64	Substations	Yes	Apr-30-79	Dec-12-79	Jul-01-80	May-16-80	100%	Jun-30-81	
17	388-002103	I.T.T. Export	255869.42	Tools	Yes	May-29-79	Jun-08-79	Aug-26-79	Dec-06-79	100%	Completed	
18	388-002106	C.A.I	29230.47	Office & Tng.Equip.	Yes				Nov-28-79	100%	Completed	
20A	388-002105	C.A.I	49519.10	Jeeps	Yes				Oct-23-79	100%	Completed	
20B	388-002105	C.A.I	79683.04	Trucks	Yes				Oct-23-79	100%	Completed	
21A	388-002103	I.T.T. Export	22844.00	2-Wheel Pole Trailers	Yes	Jul-28-79	Jun-03-79	Oct-26-79	Jun-08-79	100%	Completed	
21B	388-002103	I.T.T. Export	177774.00	1½ Ton Trucks	Yes	Jul-28-79	Sep-09-79	Oct-26-79	Sep-09-79	100%	Completed	
21C	388-002105	C.A.I.	128813.87	Truck Tractors	Yes				Jul-31-79	100%	Completed	
21D	388-002105	C.A.I.	48792.56	10 Ton Pole Trailers	Yes				Aug-30-79	100%	Completed	
21E	388-002105	C.A.I	87295.00	Farm Tractors	Yes		Nov-30-79		Nov-30-79	100%	Completed	
22A	388-002102	Hyster	62092.00	Lo-Boy Trailers	Yes	May-29-79	May-18-79	Aug-26-79	May-18-79	100%	Completed	
22B	388-002105	C.A.T.	21893.63	Farm Wagons	Yes				Aug-27-79	100%	Completed	
23A	388-002102	Hyster	55252.83	Fork Lifts	Yes	Jul-28-79	Sep-19-79	Oct-26-79	Oct-26-79	100%	Completed	
23B	388-002101	Grove	365530.33	Granes	Yes	Jul-23-79	Jun-06-79	Oct-26-79	Jun-06-79	100%	Completed	
25	388-002104	Motorola	238769.40	Communication Equipment	Yes	Jul-23-79	Aug-20-79	Oct-16-79	Nov-19-79	100%	Jun-30-82	
26	388-01214	Koppers Co.	2845140.00	35-5-ft.Wood Poles	Yes	Jul-16-79	Jul-02-79	Oct-10-79	Oct-26-79	100%	Jun-30-81	
27	388-01212	Koppers Co.	605740.00	30 ft. Wood Poles	Yes	Jul-02-79	Jul-02-79	Sep-30-79	Oct-26-79	100%	Completed	
28	388-01212	Koppers Co.	139265.00	Crossarms	Yes	Jul-02-79	Jul-02-79	Sep-30-79	Oct-26-79	100%	Completed	
29	388-002115	Ohm International	1912368.59	Line Hardware	Yes	Jan-13-80	Feb-15-79	Apr-13-80	Nov-15-80	100%	Completed	
30	388-002107	Samsung	102696.79	Insulators Pin & Spool	Yes	Apr-23-80	May-14-80	Jul-23-80	Jul-27-80	100%	Sep-30-81	
31	388-002107	Samsung	249963.87	Insulators Suspension	Yes	Apr-23-80	May-14-80	Jul-23-80	Jul-27-80	100%	Sep-30-81	
32	388-002116	Aluminum Industries	5656932.78	Bare Conductor	Yes	Feb-13-80	Feb-15-80	May-14-80	Oct-17-80	100%	Dec-31-81	
34	388-002111	Ohm International	314772.68	Conductor Accessories	Yes	Dec-08-79	Dec-08-79	Jun-15-81	Oct-08-79	100%	Completed	
35	388-002112	Hyosung	1131262.10	Transformers	Yes	Aug-15-80	Aug-03-80	Jan-15-81	Dec-17-80	100%	Jun-30-81	

MONTHLY SHIPPING REPORT JUNE , 1983

NO.	L. C.	L. COM.NO.	BENEFICIARY	AMOUNT	PRODUCT	SHIPPING DOCUMENTS RECEIVED	50%		100%		L/COM EXPIRES	ACTION REQUIRED
							TO BE SHIPPED	SHIPPED	TO BE SHIPPED	SHIPPED OR RECEIVED		
36		388-002108	McGraw Edison	119542.50	Reclosures							
37		388-002117	American Exp.Grp.	180,095	Connectors	Yes	Mar-07-80	Feb-10-80	Apr-09-80	Feb-13-80	100%	Completed
38		388-002113	General Electric	358236.00	Voltage Regulators	Yes		Dec-10-79		Dec-10-79	100%	Completed
39		388-002109	Universal Energy	108300.00	Street Lighting Equip	Yes	Feb-21-80	Dec-10-79	May-22-79	Jan-23-80	100%	Sep-30-81
40		388-002110	New World Research	309285.12	Ground & Guy Wire	Yes	Mar-07-80		Mar-24-80	Mar-12-80	100%	Completed
41		388-002113	Ohm International	1091300.00	10 Meters	Yes	Dec-24-79	Oct-26-79	Mar-24-80	Oct-26-79	100%	Completed
42		388-002114	Sangame International	102064.52	30 Meters	Yes	May-30-80	Jun-27-80	Jun-30-80	Apr-04-80	100%	Completed
43n		388-002111	Ohm International	140643.26	Static Converters	Yes	Jan-07-80	Oct-15-79	Apr-07-79	Oct-15-79	100%	Sep-30-81
44		388-002111	Ohm International	343291.46	Sectionalizing Devices	Yes	Dec-24-79	Feb-06-80	Mar-24-80	Mar-04-80	100%	Completed
45		388-002118	Koppers Co.	5109107.48	Treated Wood Poles	Yes	Jan-09-80	Jan-08-80	Apr-09-80	Jul-07-80	100%	Completed
46		388-002119	B.F.I.D.C.	350916.00	30' Wood Poles	Yes	Jun-22-80	Jul-15-80	Sep-20-80	Aug-19-80	100%	Jun-30-81
47		388-002119	B.F.I.D.C.	374804.00	35' Wood Poles	Yes	Dec-31-80	Mar-12-81	Jan-31-82		85%	Sep-30-81
48		388-002119	B.F.I.D.C.	351286.00	Crossarms	Yes	Dec-31-80		Jul-15-81			Sep-30-81
49		388-002120	New World Research	510266.00	Line Tools	Yes	Sep-21-80	Oct-15-80	Nov-21-80	Jan-01-81	100%	Jul-31-81
50		388-002121	Ohm International	24317.76	Office & Tng. Equipment,	Yes	May-12-80	May-07-80	Jul-11-80	Aug-18-80	100%	Jun-30-81
52		388-002125	Jeep Corp.	348086.83	Jeeps	Yes	May-12-80	Mar-04-80	Jul-11-80	Mar-04-80	100%	Mar-31-81
53		388-002126	Jeep Corp.	138260.00	Pickups	Yes	May-29-80	May-29-80	Jul-29-80	Jun-15-81	98.8%	Jun-30-82
54		388-002128	American Exp.Group.	19180.00	Pole Trailer	Yes	May-29-80	May-29-80	Jul-29-80	May-29-80	100%	Jun-30-82
55		388-002122	I.T.T. Export	169497.96	1 1/2 Ton Trucks	Yes	Jul-22-80	Apr-23-80	Sep-20-80	Apr-23-80	100%	Sep-30-81
56		388-002123	I.T.T. Export	198542.56	Farm Tractors	Yes	Jun-06-80	Apr-28-80	Aug-10-80	Apr-28-80	100%	Jun-30-82
57		388-002129	American Export	52330.00	Farm Wagon	Yes	Jun-06-80	Apr-28-80	Jul-12-80	Apr-28-80	100%	Sep-30-81
61		388-002130	American Export	33510.00	Meter Tables	Yes	Jun-22-80	Apr-23-80	Sep-22-80	Apr-23-80	100%	Jun-30-81
62		388-002124	I.T.T. Export	49293.20	Miscellaneous Equipment	Yes	Jul-22-80	Aug-19-80	Sep-20-80	Aug-19-80	100%	Sep-30-81
63		388-002127	Southwire Company	1348377.50	Conductor-Insulated	Yes	May-13-80	Apr-24-80	Jul-12-80	Apr-24-80	100%	Jun-30-81
64		388-002141	Ohm International	77108.64	Line Tools & Equipment	Yes	Jul-14-80	Jul-13-80	Oct-13-80	Oct-18-80	100%	Sep-30-81
65		388-002138	New World Research	21250.00	Conductor Grips	Yes	Apr-05-81	May-08-81	Jun-04-81	Oct-02-81	100%	Jun-30-81
66		388-002135	Sherman and Riley	275500.00	Stringing Blocks	Yes	May-28-81	Feb-18-81	Jul-27-81	Feb-18-81	100%	Dec-31-81
67		388-002142	Ohm International	72108.96	Test Instruments	Yes	Feb-20-81	Dec-18-80	Apr-21-81	Jan-19-81	100%	Jun-30-82
68		388-002136	Barron & Associates	39417.00	Oil Filter	Yes	May-05-81	Mar-05-81	Jun-04-81	Jun-24-81	100%	Jun-30-82
69		388-002139	New World Research	28923.06	Spare Parts Truck Tractor	Yes	May-14-81	May-14-81	May-14-81	May-14-81	100%	Dec-31-81
71		388-002143	Ohm International	165020.00	Line Hardware	Yes		May-28-81	May-28-81	Mar-24-81	100%	Dec-31-81
72		388-002140	Southwire	593810.87	Conductor	Yes	Jun-30-81	May-28-81	Aug-03-81	May-28-81	100%	Dec-31-81
73		388-002137	Atlantic Export	59688.27	Connectors	Yes	May-06-81	Jun-27-81	Aug-04-81	Jun-27-81	100%	Jun-30-82
						Yes	Apr-19-81	Apr-14-81	Jun-18-81	Jun-13-81	100%	Dec-31-81

EXHIBIT

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MONTHLY SHIPPING REPORT ~~JUNE~~, 1983

INV. NO.	L/COM. NO.	BENEFICIARY	AMOUNT	PRODUCT	DOCUMENTS RECEIVED	50%		100%		SHIPPED OR RECEIVED	L/COM EXPIRES	ACTION REQUIRED
						TO BE SHIPPED	SHIPPED	TO BE SHIPPED	SHIPPED			
74	388-002148	Atlantica Export	262556.00	Line Hardware	Yes	Jan-13-82	Nov-20-81	Mar-14-82	Apr-27-82	100%	MAR-30-82	
75	388-T01216	Atlantica Export	41280.00	Line Hardware	Yes	Jan-13-82		Mar-14-82	Dec-28-81	100%	Mar-31-82	
76	388-T01217	Atlantica Export	99288.00	Line Hardware	Yes	Jan-13-82		Mar-14-82	Jan-22-82	100%	Mar-31-82	
78	388-002156	Dae Woo Industrial	56997.58	Copper Conductor	Yes	Jan-13-82		Mar-14-82	Jan-12-82	100%	Mar-31-82	
79	388-002151	Atlantica Export	211125.00	Alum Conductor	Yes	Feb-12-82		May-13-82	Jan-05-82	100%	May-31-82	
80	388-002152	Atlantica Export	189174.00	Connectors	Yes	Jan-13-82	Nov-20-81	Mar-14-82	May-11-82	100%	Mar-31-82	
81	388-002153	Atlantica Export	183750.00	Sectionalizing Devies	Yes	Jan-13-82		Mar-14-82	Jan-28-82	100%	Mar-31-82	
82	388-002157	Dae Woo	295253.00	Transformers	Yes	Jan-13-82		Jan-13-82	Jan-12-82	100%	Jun-30-82	
83	388-002154	Atlantica Export	29912.00	Current Transformers	Yes	Jan-13-82		Jan-13-82	Feb-07-82	100%	Jun-30-82	
84	388-002155	Atlantica Export	215407.00	Meters	Yes	Feb-12-82		Apr-13-82	Mar-17-82	100%	Apr-30-82	
85	338-T01301	Atlantica Woodpr	805932.00	25' Poles	Yes	Feb-12-82	Nov-23-81	Apr-13-82	Jun-12-82	100%	Apr-30-82	
86	388-T01302	Atlantica Woodpr	903987.00	30' Poles	Yes	Apr-13-82	Nov-23-82	Jun-02-82	Jun-21-82	100%	Jul-30-82	
87	388-T01303	Atlantica Wood	981519.00	35' Poles	Yes	Apr-13-82	Nov-23-82	Jun-02-82	Jun-21-82	100%	Jul-30-82	
88	388-T01307	Hyundai Corp.	361869.00	Line Hardware	Yes	Jul-07-82	Jul-10-82	Aug-07-82	Sept-6-82	100%	Aug-31-82	
89	388-T01311	G.E.C. Ltd.	1157125.00	Transformer	Yes	Sep-07-82	Jan-27-82	Jan-07-83	Oct-06-82	100%	Sep-30-83	
90	388-T01310	Kukjee Corp.	1079749.00	Transformer	Yes	Jul-12-82	Jul-06-82	Dec-12-82	Oct-11-82	100%	Dec-31-82	
91	388-T01312	G.E.C.Ltd.	1155850.00	Transformer	Yes	Sep-07-82	Jul-27-82	Jan-07-83	Oct-06-82	100%	Sep-30-82	
92	388-T01308	M.L.M.O. Ltd.	108078.00	Ground Guy Wire	Yes	Jul-07-82		Dec-07-82	Nov-04-82	100%	Dec-31-82	
93	388-T01309	Atlantica Int.Corp.	377464.10	Meter & Transformer	Yes	Aug-07-82	May-05-82	Dec-07-82	Aug-03-82	100%	Dec-31-82	
94	388-T01314	Daewoo Corp.	40022.00	Insulators	Yes	Oct-07-82		Dec-07-82	Oct-08-82	100%		
95	388-T01315	Daewoo Corp.	41800.00	Insulator	Yes	Oct-07-82	Aug-23-82	Dec-07-82	Oct-08-82	100%		
96	388-T01316	Midland Metals	817690.00	Bare Cond.& Armor Rod	Yes	Oct-07-82		Dec-07-82	Oct-16-82	100%		
97	388-T01317	Atlantica Int'I Corp.	548743.75	Conductor Duplex	Yes	Oct-07-82		Jan-01-83	Oct-05-82	100%		
98	388-T01318	W. E. C.	406430.00	Sectionalizing Devis	Yes	Aug-23-82		Oct-23-82	Oct-12-82	100%		
	388-002166											
99	388-T-1320	Atlantica Corp.	69951.90	Connectors	Yes	Aug-08-82	Jul-07-82	Oct-24-82	Jul-07-82	100%		
100	388-002167	Sangamo Int'l Inc.	800000.00	Single Phase Meter	Yes	Dec-17-82	Aug-05-82	Apr-04-83	Aug-05-82	100%		
101	388-T01319	ORM Int'l	55660.00	Line Tools	Yes	Sep-09-82	Aug-25-82	Nov-17-82	Aug-25-82	97%		

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MONTHLY SHIPPING REPORT JUNE , 1983

INV. NO.	L/COM.NO.	BENEFICIARY	AMOUNT	PRODUCT	SHIPPING DOCUMENTS RECEIVED	50%		100%		L/COM EXPIRES	ACTION REQUIRED
						TO BE SHIPPED	SHIPPED	TO BE SHIPPED	SHIPPED		
102	388-T-01327	Southern Wood Piedmont Co.	772654.00	Wooden Poles	Yes	12-5-83	-	9-9-83	Apr-21-83	99.67%	
103		-do-	689258.00	Wooden Poles	Yes	-	-	-	-	100%	
104	388-T-01332	BEIDC	564030.00	Wooden Poles	Yes	16-5-83	-	13-9-83	-		
105	-do-	BEIDC	564030.00	Wooden Poles	Yes	16-5-83	-	13-9-83	-	50%	
106	388-T-01321	Daewoo Corp.	312535.00	Anchor Log.	Yes	Nov-14-82 (25%)	-	Mar-14-83	-	100%	
107	388-T-01323	Atlantica Int.Corp.	337307.00	Sub-Station Materials	Yes	Feb-21-83	-	Mar-25-83	Mar-25-83	100%	
108	388-T-01324	Atlantica Int.Corp.	217571.30	Sub-Station Materials	Yes	Feb-21-83	-	Apr-22-83	May-04-83	43%	
109	388-T-013-25	Mc-Grav Edison	361454.92	Sub-Station Materials	Yes	Feb-01-83	-	Mar-23-83	Feb-15-83	100%	
110	388-T-013-26	Atlantica Int Corp.	156123.10	Lighting Arrester	Yes	Feb-02-83	17-09-82	Mar-04-83	Apr-04-83	49%	
	(388-002131)	C.A.I.	9171.80	Motor Cycle Helmets	Yes				May-13-80	100%	Completed
	(388-002132)	C.A.I.	82528.73	Stringing Blocks	Yes				Jul-31-80	100%	Completed
111	388-T-01335	Hyundia Corp.	305398.00	Line Hard Ware	No	13-8-83	-	13-9-83	-		
112	388-T-01328	Hyundia Corp.	64802.00	Pin Insulator	Yes	12-6-83	-	12-7-83	Jun-01-83	100%	Completed
113	388-T-013-19	National Insulated Cable Co. of India	147470.00	Conductor Wire Armored	No	40%					
	02-03-83					01-6-83	-	01-07-83	-		
114	388-T-01336	Amixter Ohm Inter.	167153.66	Sectionalizing Devices	No	13-8-83	-	08-09-83	-		
115	388-T-01333	Amixter Ohm Inter.Inc.	24000.00	Connectors & Clamp	Yes	03-7-83	-	04-08-83	Jun-01-83	92%	
117	388-T-01334	New World Research	145300.00	Three phase meter	Yes	08-8-83	-	03-09-83	Jun-17-83	56%	
118	388-002169	Amixter Ohm Inter.Inc.	34000.00	Line Tools	Yes	12-6-83	-	12-07-83	Apr-07-83	80%	
119	388-T-013-31	Miland Metals	406915.50	Insulated Conductor	No	31-5-83	-	28-09-93	May-30-83	50%	
	01-02-83	Ovesseas Ltd.									
120	388-T-013	BFIDC	124668.00	Cross arms	No	01-7-83 (40%)	-	31-07-83	-		
A.	(388-002133)	Timber Products Inc.	32399.21	Inspection of Poles	Yes					100%	Completed
	(388-002134)	C.A.I.	61970.00	Nuts and Bolts	Yes					100%	Completed
	(388-002145)	C.A.I.	3291.00	Meter Seals	Yes				Oct-09-82	100%	Feb-27-81
	(388-002146)	C. .I.	19414.71	Compression Tools W/Dies	Yes				Feb-28-81	100%	Jun-30-82
	(388-002147)	C.A.I.	21660.00	Meter Test Equipment	Yes				May-20-81	100%	Jun-30-82
		C.A.I.	3291.00	Fuse Links	Yes				Jun-08-81	100%	Jun-30-82
	(388-002161)	C.A.I.	38208.08	Tires	No				May-14-81	100%	Apr-30-82
B.	N/A	B.F.I.D.C.	21500.00	Crossarms	No	Mar-21-81		Apr-25-81		100%	N/A
C.	N/A	B.F.I.D.C.	97500.00	25' Wood Poles	No						N/A
D.	N/A	B.F.I.D.C.	902487.25	25' Wood Poles & Anchor	No					94%	N/A
E.	N/A	OHM Int'l	345660.00	Meter Spare Part Logs	Yes			Jul-07-81		100%	N/A

(A-B-C-D-E) Negotiated Purchases approved by U.S. AID (B & E) To be paid for by monies received from Insurance Claims.

QUARTERLY SHIPPING REPORT RECAP  
PERIOD ENDING 30 JUNE '83

L/COM NOS. 388-002119, 002125, 002141, 002148, 002149, 002150, 002151, 002152, 002153, 002154, 002155, 002156, 002157, 002158, 002159, 002160, T-1307, T01311, T01310, T01312, T01309, T01316, T8-1320, 002167, T01319 SHIPMENTS WERE COMPLETED IN PREVIOUS QUATERS AND DETAILS SHOWN IN PREVIOUS REPORTS. TOTALS ARE SHOWN BELOW.

<u>L/Com No.</u>	<u>Total Long Tons</u>	<u>Long Tons On U.S. Vessel Fl</u>	<u>Total Freight Cost</u>	<u>Freight Paid From US. Fund</u>	<u>FOB Value</u>	<u>Shipment Completed</u>
*L/Com Above	39361.49	30667.96	7226749.18	7226749.18	39096576.88	
388-T-01327	1904.902	-	271,448.54	271,448.54	499,199.10	YES
IFB 103	1731.518	-	246,741.32	246,741.32	442,114.75	YES
388-T-01321	481.000	-	62,005.00	62,005.00	250,530.00	YES
388-T-01323	58.860	58.860	20,075.00	20,075.00	319,500.00	YES
388-T-01324	10.340	10.340	6,243.04	6,243.04	87,748.00	NO
388-T-01325	26.340	26.340	12,969.32	12,969.32	340,478.90	YES
388-T-01326	3.600	3.600	5,639.45	5,639.45	78,119.20	NO
388-T-01328	83.590	-	10,088.00	10,088.00	67,084.00	YES
388-T-01333	1.930	1.930	702.97	702.97	21,400.00	NO
388-T-01334	3.420	3.420	2,517.79	2,517.79	79,750.00	NO
388-T-002169	1.790	1.790	3,128.63	3,128.63	23,950.00	NO
388-T-01331	54.53	-	7,779.00	7,779.00	196,046.00	NO
388-0	41.31	20.73	64,522.51	64,522.51	244,402.78	
<b>Consultants</b>						
	43,774.61	30,794.97	7940,609.75	7940,609.75	41,746,899.61	
70% carried on U.S. Flag Ship						
<b>Materials not funded by U.S. AID</b>						
Conductor from Finland						
	472.92	- 0 -	123,900.00	- 0 -	1,233,113.05	YES

EXHIBIT - J

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QUARTERLY SHIPPING REPORT

Inv-102

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: June '83			4. Loan No. 388-0021	5. I/Com No. 388- T-01327		6. Loan Title		
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.		
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)	
a	b	c	d	e	f	g	h	i	j	k	l	
BANGLAR MAYA	4-21-83		Wooden Pole 30' class 6 30' " 7	1 21-04-83	1,904.902	-	-	271448.54	271448.54	UT-0128	499,199.10	
TOTAL THIS QUARTER				-0-	-0-	1,904.902	-0-	-0-	271448.54	271448.54	-0-	4,99,199.10
ALL PREVIOUS QUARTERS				-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CUMULATIVE TOTAL TO DATE				-0-	-0-	1,904.902	-0-	-0-	271448.54	271448.54	-0-	4,99,199.10

Certified Correct

Authorized Signature

*James C. Keiser*

Authorized Signature

*J.P. ...*  
Director (Equipment & Materials)-REB  
Title

Team Leader, NRECA/CAI  
Title

*26/7/83*  
Date

*26-7-83*  
Date

*49*

QUARTERLY SHIPPING REPORT

Inv-107

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: Jun- '83			4. Loan No. 388-	5. I/Com No. 388- T-01323		6. Loan Title	
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.	
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar equivalent)
a	b	c	d	e	f	g	h	i	j	k	l
WILLIAM HOPPER	3-24-83		Sub-station Materials	4 3-24-83	4.23	4.23	100%	2,268.00	2,268.00	10253 3-30-83	59,871.00
SAM HUSTON	3-25-83		-DO-	4 3-25-83	54.63	54.63	100%	15,539.00	15,539.00	10285 4-8-83	259,629.00
<b>TOTAL THIS QUARTER</b>				-0-	-0-	58.86	100%	20075.00	20075.00	-0-	319,500.00
<b>ALL PREVIOUS QUARTERS</b>				-0-	-0-		-	-0-	-0-	-0-	-0-
<b>CUMULATIVE TOTAL TO DATE</b>				-0-	-0-	58.86	-	20075.00	20075.00	-0-	319,500.00

Certified Correct

Authorized Signature

*James E. ...*  
Authorized Signature

Director (Equipment & Materials)-REB  
Title

Team Leader, NRECA/CAI  
Title

26-7-83  
Date

26-7-83  
Date

50

QUARTERLY SHIPPING REPORT

Inv-108

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: July, '83			4. Loan No. 388-0021	5. L/Com No. 38E-T-01324		6. Loan Title	
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.	
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)
a	b	c	d	e	f	g	h	i	j	k	l
SAM HUSTON	3-21-83		Sub-station Materials	1 3-24-83	.56	.56	100%	295.35	295.35	10272 4-6-83	16,108.00
SAM HUSTON	4-21-83		-DO-	8 4-21-83	5.08	5.08	100%	952.84	952.84	10362 4-25-83	21,700.00
BUTTON GWINNETTE	4-1-83		-DO-	5-4-83	4.70	4.70	100%	4994.85	4994.85	10486 4-17-83	49,940.00
TOTAL THIS QUARTER			-0-	-0-	10.34	10.34	100%	6243.04	6243.04	-0-	87,748.00
ALL PREVIOUS QUARTERS				-0-	-	-	-	-	-	-0-	-0-
CUMULATIVE TOTAL TO DATE				-0-	10.34	10.34		6243.04	6243.04	-0-	87,748.00

Certified Correct

Authorized Signature

*James B. Hines*  
Authorized Signature

Director (Equipment & Materials)-REB

Title

Team Leader, NRECA/CAI

Title

26/7/83

Date

26-7-83

Date

QUARTERLY SHIPPING REPORT

Inv-109

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: June 1983			4. Loan No. 388-	5. L/Com No. 388-T-01375		6. Loan Title	
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.	
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)
a	b	c	d	e	f	g	h	i	j	k	l
JAM BOSTON		1-7-83	Sectional- lifting Devices	10 4-7-83	0.10	0.10	100%	136.02	136.02	KS-46259 3-26-83	1,913.24
<b>TOTAL THIS QUARTER</b>				-0-	0.10	0.10	100%	136.02	136.02	-0-	1,913.24
<b>ALL PREVIOUS QUARTERS</b>				-0-	26.24	26.24	100%	12,833.32	12,833.32	-0-	3,38,565.66
<b>CUMULATIVE TOTAL TO DATE</b>				-0-	26.34	26.34	100%	12,969.34	12,969.34	-0-	3,40,478.90

Certified Correct

\_\_\_\_\_  
Authorized Signature  
*James K. Rimmer*  
\_\_\_\_\_  
Authorized Signature

*[Signature]*  
Director (Equipment & Materials)-REB  
\_\_\_\_\_  
Title  
Team Leader, NRECA/CAI  
\_\_\_\_\_  
Title

*26/7/83*  
\_\_\_\_\_  
Date  
*26-7-83*  
\_\_\_\_\_  
Date

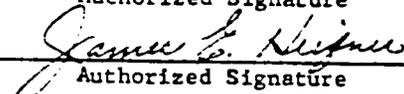
52

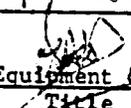
**QUARTERLY SHIPPING REPORT**

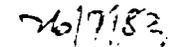
Inv-110

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: June '83			4. Loan No. 388-	5. L/Com No. 388- T01326		6. Loan Title	
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.	
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)
a	b	c	d	e	f	g	h	i	j	k	l
SAN JUAN	3-03-83		Lighting Apparatus (Sub-station) Parts Y	3 3-25-83	0.11	0.11	100%	145.89	145.69	10286 4.8.83	7139.60
WILLIAM HORNES	3-24-83		-DO-	5 3-24-83	.98	0.98	100%	543.74	543.74	10268 4.5.83	26,274.20
SAN JUAN	4-21-83		-DO-	9 4-21-83	2.46	2.46	100%	2152.82	2132.82	10372 4.25.83	22,128.00
<b>TOTAL THIS QUARTER</b>				-0-	3.55	3.55	-0-	2824.45	2824.45	-0-	51,839.80
<b>ALL PREVIOUS QUARTERS</b>					3.60	3.60	-0-	5639.45	5639.45	-0-	26,289.40
<b>CUMULATIVE TOTAL TO DATE</b>					7.15	7.15	-0-	8463.90	8463.90	-0-	78,119.20

Certified Correct

Authorized Signature  
  
 Authorized Signature

  
 Director (Equipment & Materials)-REB  
 Title  
 Team Leader, NRECA/CAI  
 Title

  
 Date  
 26-7-83  
 Date

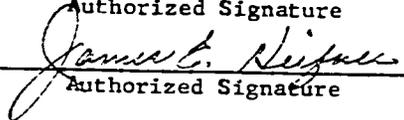
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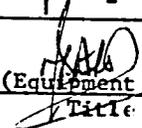
QUARTERLY SHIPPING REPORT

Inv-112

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: June '83			4. Loan No. 388-	5. L/Com No. 388- T-01328		6. Loan Title	
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.	
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)
a	b	c	d	e	f	g	h	i	j	k	l
BANGLA ROE	6-1-83		Pin Insulator	1303 6-1-83	83.59	-	-	10,088.00	10,088.00	38080 5-21-83	67,084.00
TOTAL THIS QUARTER				-0-	83.59	-	-	10,088.00	10,088.00	-0-	67,084.00
ALL PREVIOUS QUARTERS				-0-	-0-	-	-	-0-	-0-	-0-	-0-
CUMULATIVE TOTAL TO DATE				-0-	83.59	-	-	10,088.00	10,088.00	-0-	67,084.00

Certified Correct

Authorized Signature  
  
 Authorized Signature

Director (Equipment & Materials) -REB  
  
 Title  
 Team Leader, NRECA/CAI  
 Title

26/7/83  
 Date  
 26-7-83  
 Date

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QUARTERLY SHIPPING REPORT

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: June '83			4. Loan No. 388-	5. L/Com No. 388-T-01333		Inv-115 6. Loan Title		
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.		
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)	
a	b	c	d	e	f	g	h	i	j	k	l	
ROBERT-E-LEE	6-1-83		Connector & Clamps	13 6-1-83	1.93	1.93	100%	702.79	702.79	171-094- 742 5-17-83	21,400.00	
TOTAL THIS QUARTER				-0-	-0-	1.93	1.93	100%	702.97	702.97	-0-	21,400.00
ALL PREVIOUS QUARTERS				-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CUMULATIVE TOTAL TO DATE							100%	702.97	702.97	-0-	21,400.00	

Certified Correct

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Authorized Signature

*[Signature]*  
Director (Equipment & Materials)-REB  
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Title  
Team Leader, NRECA/CAI  
\_\_\_\_\_  
Title

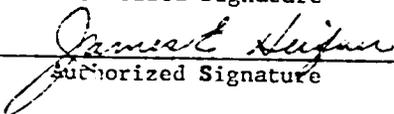
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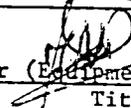
QUARTERLY SHIPPING REPORT

Inv-117

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: June '83			4. Loan No. 388-	5. L/Com No. 388-T-01334		6. Loan Title		
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.		
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)	
a	b	c	i	e	f	g	h	i	j	k	l	
WILLIAM HOPPER	6-17-83		Three Phase Meter	7 6-17-83	3.42	3.42	100%	2,517.79	2,517.79	7161-i 5-30-83	79,750.00	
TOTAL THIS QUARTER				-0-	-0-	3.42	3.42	100%	2,517.79	2,517.79	-0-	79,750.00
ALL PREVIOUS QUARTERS					-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CUMULATIVE TOTAL TO DATE					3.42	3.42	100%	2,517.79	2,517.79	-0-	79,750.00	

Certified Correct

Authorized Signature  
  
 Authorized Signature

Director (Equipment & Materials)-REB  
  
 Title  
 Team Leader, NRECA/CAI  
 Title

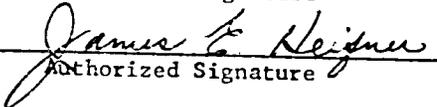
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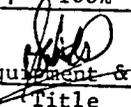
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QUARTERLY SHIPPING REPORT

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: June '83			4. Loan No. 388-	5. L/Com No. 388-002169		6. Loan Title Inv-118		
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.		
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)	
a	b	c	d	e	f	g	h	i	j	k	l	
SAM HUSTON	4-7-83		Line Tools	7 4-7-83	1.79	1.79	100%	3,128.63	3,128.63	173-09- 3875 3-29-83	23,950.00	
TOTAL THIS QUARTER						1.79	1.79	100%	3,128.63	3,128.63	-0-	23,950.00
ALL PREVIOUS QUARTERS						-0-	-0-	-0-	-0-	-0-	-0-	-0-
CUMULATIVE TOTAL TO DATE						1.79	1.79	100%	3,128.63	3,128.63	-0-	23,950.00

Certified Correct

Authorized Signature  
  
 Authorized Signature

  
 Director (Equipment & Materials)-REB  
 Title  
 Team Leader, NRECA/CAI  
 Title

26/7/83  
 Date  
26-7-83  
 Date

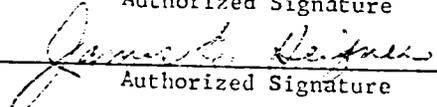
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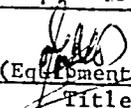
QUARTERLY SHIPPING REPORT

Inv-119

1. Implementing Agency NRECA/CAI		2. Date Submitted		3. For Quarterly Period Ending Dated: Dec 1983			4. Loan No. 388-	5. L/Com No. 388- T-01331		6. Loan Title		
Vessel/Airline and Flag	Ports		Description of Cargo	Bill of Lading/ Airbill Number and Date	Total long tonnage	Long tons carried on U.S. Vessel	Percent of total U.S.Vessel	Freight Cost U.S. Dollar Equivalent		Supplier Invoice No.		
	Dep.	Arr.						Total Freight Cost	Total Paid from loan fund	Number and Date	FOB Value of Goods (U.S. Dollar Equivalent)	
a	b	c	d	e	f	g	h	i	j	k	l	
AL-SYESTR	-30-83		Insulated conductor	5-30-83	54.53	54.53	100%	7,779.00	7,779.00	119-306 5-30-83	196,046.00	
TOTAL THIS QUARTER				-0-	-0-	54.53	54.53	100%	7,779.00	7,779.00	-0- -	196,046.00
ALL PREVIOUS QUARTERS				-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CUMULATIVE TOTAL TO DATE						54.53	54.53	100%	7,779.00	7,779.00	-0-	196,046.00

Certified Correct

Authorized Signature  
  
 Authorized Signature

Director (Equipment & Materials)-REB  
  
 Title  
 Team Leader, NRECA/CAI  
 Title

  
 Date  
 26-7-83  
 Date

SCHEDULE OF METERS INSTALLED IN DIFFERENT ENERGIZED PBSs UP TO MAY, 1983

Name of the PBS	Total	Domestic	Irrigation			Industry GP-A & GP-B	Small Commercial	Street Light	
			DTW	STW	LLP				
Dhaka PBS - I	12194	10,773	193	106	348	232 + 0	700	42	
Tangail - I	3423	2,991	52	137	14	36 + 4	168	21	
Comilla - I	7959	6,879	30	63	70	108 + 0	775	34	
Comilla - II	4241	3,246	6	--	72	50 + 1	854	12	
Sylhet - I	1177	1,080	--	--	1	9 + 0	79	8	
Sylhet - II	4285	3,877	--	6	2	32 + 0	348	20	
Pabna - I	1561	1,020	2	15	--	78 + 0	422	24	
Pabna - II	1550	1,308	38	4	34	0 + 16	150	--	
Pabna - III	6120	5,597	67	228	75	73 + 1	--	79	
Jessore - I	5392	3,669	66	56	23	119 + 1	1435	23	
Jessore - II	7124	5,668	13	108	19	74 + 0	1150	92	
Rajshahi - I	5122	4,238	43	171	59	88 + 0	470	56	
Rajshahi - II	4663	4,404	14	74	5	107 + 0	--	59	
<b>TOTAL :</b>	<b>64,811</b>	<b>54,750</b>	<b>521</b>	<b>968</b>	<b>522</b>	<b>1006</b>	<b>23</b>	<b>6,551</b>	<b>470</b>

EXHIBIT K

EXHIBIT L  
SUBSTATION SUMMARY-US AID

Page 1 of 2

SUBSTATION NAME	PBS	KV	SIZE MVA	PERCENT COMPLETE	REMARKS
Savar-I	Dhaka-I	33/11	5	100	The energized not in service
Dhanrai	Dhaka-I	33/11	5	100	In service
Kalikair	Dhaka-I	33/11	5	100	"
Gouripur	Comilla-I	33/11	5	100	"
Chandina	Comilla-I	33/11	5	100	"
Natore	Rajshahi-I	33/11	5	100	"
Monirampur	Jessore-II	33/11	5	100	"
Adeynagar	Jessore-II	33/11	5	100	"
Moulvi Bazar	Sylhet-II	33/11	5	100	"
Kamalganj	Sylhet-II	33/11	2.5	100	"
Mirzapur	Tangail-I	33/11	2.5	100	"
Tangail	Tangail-I	33/11	5	100	"
Ullapara	Pabna-III	66/11	5	100	"
Banpara	Rajshahi-II	33/11	5	100	"
Lalpur	Rajshahi-II	33/11	2.5	100	In service
Hajiganj	Comilla-II	33/11	5	100	"
Chandpur	Comilla-II	33/11	5	100	"
Faridganj	Comilla-II	33/11	5	-0-	Contract has been awarded
Santhia	Pabna-II	33/11	2.5	100	Oil samples being tested
Kashinathpur	Pabna-II	33/11	5	100	In service
Snaistagang	Sylhet-I	33/11	5	100	"
Jessore	Jessore-I	33/11	5	100	"
Navaron	Jessore-I	33/11	5	100	"
Chatmohar	Pabna-I	33/11	2.5	100	"
Madhabpur	Sylhet-I	33/11	5	100	"
Kashimpur	Dhaka-I	33/11			Has been taken over from PDB. Renovation work is being planned.
Gorai	Tangail-I	33/11			In the process of being taken over from PDB. Substation Design in Process.

EXHIBIT L  
SUBSTATION SUMMARY - KFAED

Page 2 of 2

SUBSTATION NAME	PBS	KV	SIZE MVA	PERCENT COMPLETE	REMARKS
	Khulna-I	33/11	5	10	Steel is being erected
	Mymensingh-I	33/11	5	15	" " " "
	Rangpur-I	33/11	5	10	" " " "
	Noakhali-I	33/11	5	10	" " " "