

BANGLADESH RURAL ELECTRIFICATION BOARD

BREB INSTRUCTION 500-28

**POLICY ISSUES AND PROCEDURAL INSTRUCTIONS OF
BREB FOR CONDUCTING ENVIRONMENTAL AND SOCIAL
IMPACT ASSESSMENT AND MANAGEMENT**

BANGLADESH RURAL ELECTRIFICATION BOARD
BREB Instruction 500-28

Approval Date: 12/06/2007
Revision Date : 19/02/2020

SUBJECT: POLICY ISSUES AND PROCEDURAL INSTRUCTIONS OF BREB FOR CONDUCTING
ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT AND MANAGEMENT

1. PURPOSE

To establish and set forth policy guidelines and responsibilities in an instruction of Rural Electrification System for the proper assessment and management of environmental and social impacts that may occur due to rural electrification activities in Bangladesh.

2. SCOPE

The provisions as stipulated in this policy instruction of Rural Electrification System shall be applicable for the proper assessment and management of environmental and social impacts that may occur due to rural electrification activities in Bangladesh.

3. GENERAL

3.1 Salient Features of Policy Instruction

- 3.1.1 Environmental and Social Impact Assessment and Management Policy of BREB (Annexure-A: Policy: Page 5 to 6= Pages).
- 3.1.2 Project Development and Implementation Life Cycle Flow Chart (Annexure-B: Flow Chart No. 1: Page 7 to 7=1 Page).
- 3.1.3 EIA Process and Project Approval Process Flow Chart (Annexure-C: Flow Chart No. 2: Page 8 to 8= 1 Page).
- 3.1.4 REB's Decision Making and Reporting Process Flow Chart (Annexure-D: Flow Chart No. 3: Page 9 to 9= 1 Page).
- 3.1.5 Environmental and Social Assessment and Management Template for Substation Construction (Annexure-E: IEE, EIA & EMP Template No. S/S-1: Page 10 to 13= 4 Pages).
- 3.1.5.1 Process Monitoring and Evaluation Checklist ensuring Environment in the Substation Planning, Design and Construction (Annexure-F: Monitoring Checklist No. S/S-1.1: Page 14 to 14= 1 Page).
- 3.1.5.2 Monitoring Checklist for use in Construction of a Substation (Annexure-G: Monitoring Checklist No. S/S-1.2: Page 15 to 16= 2 Pages).
- 3.1.5.3 Monitoring Checklist for use in Post Construction of a Substation (Annexure-H: Monitoring Checklist No. S/S-1.3: Page 17 to 17= 1 Page).
- 3.1.6 Environmental and Social Assessment and Management Template for Power Line Construction (Annexure-I: IEE, EIA & EMP Template No. P/L-2: Page 18 to 21= 4 Pages).
- 3.1.6.1 Monitoring Checklist for Power Line Construction (Annexure-J: Monitoring Checklist No. P/L-2.1: Page 22 to 22= 1 Page).
- 3.1.6.2 Monitoring Checklist for use in Post Construction of Power Line (Annexure-K: Monitoring Checklist No. P/L-2.2: Page 23 to 23= 1 Page).
- 3.1.7 Environmental and Social Assessment and Management Template for Building Construction (Annexure-L: Template No. BLDG-3: Page 24 to 27= 4 Pages).
- 3.1.8 Template-Cum-Checklist for Environmental Impact Mitigation Measures (Annexure-M: Template-Cum-Checklist No. I/M-4: Page 28 to 29= 2 Pages).
- 3.1.9 Compliance Verifications Template-Cum-Checklist ensuring Storage and Maintenance of Substation, Power Lines, Storage Yard, Campus, and Workshop (Annexure-N: Template-Cum-Checklist No. C/V-5: Page 30 to 32= 3 Pages).
- 3.1.10 Environmental Code of Practice (ECP) on Soil Erosion Control


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(Annexure-O, ECP No. 1: Page 33 to 34= 2 Pages).

3.2 Resources for Environmental Management

The manpower resources available to BREB and PBS for their Environmental Management Program are the trained personnel who were adequately trained for Environmental and Social (ES) Management Program. These trained personnel shall be able to train additional personnel at BREB and PBS.

3.3 Implementation Process

All environmental issues contained in this policy instruction shall be implemented under supervision and with full responsibility of relevant Senior General Manager/ General Manager (Sr. GM/ GM) of PBS/ Executive Engineer of BREB in accordance with this policy guideline and Implementation Flow Chart No. 3 (Annexure-D) and prepared reports in relevant templates shall be sent to the EMC, BREB for reporting the environmental compliance.

3.4 Key Personnel for Implementation

The policy instruction shall be implemented through the **key personnel** mentioned below. The personnel those who are responsible for design, construction and maintenance at BREB and PBS shall be considered as the key personnel.

- (A) Retainer Engineer (RE), Staking Engineer, AGM (O&M), AGM (E&C) and Assigned Officials for specific job are the key personnel of the PBSs when PBS conducts design, construction and maintenance;
- (B) Retainer Engineer, Staking Engineer, Assistant Engineer and Assigned Officials are the key personnel of BREB when BREB conducts design, construction and maintenance;
- (C) Respective head of the warehouses/workshops/campuses are the key personnel during maintenance of warehouses/workshops/campuses/buildings of BREB or PBS facilities.

3.5 Reporting Process

BREB Reporting Process **Flow Chart** (Annexure-D, Flow Chart No. 3) shall be applicable. The reports as per **Templates and Checklists** (Annexure-E, F, G, H, I, J, K, L, M, N) from the relevant key personnel prepared on implementation, operation and maintenance activities under responsible supervision of relevant XEN/Sr. GM or GM shall be submitted to the REB-EMC for reporting the environmental compliance. The EMC shall submit the reports to Member (Engineering), BREB, through Chief Engineer (P&O). When a report requires revision, the Chief Engineer (P&O) shall forward it to Chief Engineer (Project).

3.6 Legislative and Institutional Framework for ES Impact Assessments

The GOB Environmental Conservation Requirements, GOB Environmental Clearance Process, GOB Constitutional Provisions for Resettlement or Rehabilitation, Requirements of Financial Institutions, Environmental and Social Impact Assessment Process, etc., shall be as outlined under section 3.1 as Salient Features of Policy Instruction (**Annexure A to O**).

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3.7 Major Environmental and Social Issues in Rural Electrification

The Social Issues, World Bank Policies on Social Issues, Assessment of Social Issues relevant to BREB/PBS Projects, Land Acquisition Act and Process, Environmental Issues and Code of Practices shall be as outlined under section 3.1 as Salient Features of Policy Instruction (Annexure A to O).

3.8 Environmental and Social Assessment in Rural Electrification

The Process Flow Charts, Scope and Structure of the ES Assessment, Institutional Arrangement for the EA Process, BREB Instructions (Code of Practices) and Templates for ES Assessment, Proposed BREB Corporate ESA Manual for future development, etc., shall be as outlined under section 3.1 as Salient Features of Policy Instruction (Annexure A to O).

3.9 Implementation of the Environmental Management Plan

The Impact Assessment Follow-up, Environmental Impact Mitigation Measures, Monitoring, Reporting, Implementation Schedule, Cost Estimates and Sources of Funds, etc., shall be as outlined under section 3.1 as Salient Features of Policy Instruction (Annexure A to O).

3.10 Monitoring of the Environmental Management Plans

The Process Flow Charts, Objectives, Monitoring Program, Implementation and Operation, Evaluation of Data and Lessons Learned, Improvement of ES Assessment Process, ESA Manual and Upgrading of EMP, etc., shall be as outlined and reflected under section 3.1 as Salient Features of Policy Instruction (Annexure A to O).

3.11 Reporting requirements for ESA Implementation

All reports relevant to environmental compliance shall be submitted to EMC quarterly. The EMC shall then include these performance data in their Annual Report to the BREB management and concerned offices outside BREB. The ES performance objectives and targets for the next year shall be set based on the performance of the previous year.

4. POLICY

4.1 Environmental and Social Policy of BREB

The policies, elements, objectives and responses to ES Management of REB shall be as outlined and reflected in section 3.1.1 (Annexure-A).

4.2 Environment Monitoring Cell (EMC)

All the office staff under the office of the EMC, BREB shall perform and continue the function of EMC. The EMC can receive and process relevant reports and makes communication home and abroad for it's R&D and to formulate necessary procedural formats and its applications as mentioned in Annexure-A of section 3.1.1.

4.3 All Existing REB Instruction Series

This Policy Instruction shall govern all relevant ES aspects regarding EIA, EMP, mitigation measures, etc., against all existing all Instruction Series of BREB.

4.4 Programs for Training and Awareness on Environmental Risks

Each Training Curriculum of Training Directorate of BREB shall include some compulsory classes on Environmental Aspects proposed from EMC and the Trained

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Personnel of EMC, BREB shall conduct such Environmental Training as outlined and reflected in section 3.1.1 (**Annexure-A**).

4.5 Environmental Audits and Environmental Clearance (EC)

The policies, process flow charts, templates, code of practices attached herewith this policy instruction (**Annexure A to O**) shall ensure the environmental and social performance that shall be audited by EMC once in a year for Environmental Clearance.

4.6 Annual Workshop for Better Management

A Workshop shall be undertaken facilitated by BREB/ PBS staff at least once a year where staff working on the Environmental Assessment (EA) work shall be able to discuss improvements to the Environmental Screening Checklists and Environmental Management Plans (EMPs) as well as explore options to better monitor the implementation of the EMP. The focus of this Workshop shall be how BREB shall improve its management of environmental and social issues. The Workshop shall be an opportunity to share experiences among the various PBSs and BREB on how better internalizes environmental and social safeguards to their way of doing business.

5. ENVIRONMENTAL AND SOCIAL ASSESSMENT TEMPLATES

The following templates and checklists shall be used and that shall allow respective BREB and PBS key personnel to conduct the environmental and social assessment and management for projects without difficulties.

5.1 For Substation:

Environmental and Social Assessment and Management Template for Substation Construction (**Annexure-E, Template No.S/S-1**). Process Monitoring and Evaluation Checklist ensuring Environment in the Planning, Design and Construction (**Annexure-F, Monitoring Checklist No.S/S-1.1**). Monitoring Checklist for use in Construction of a Substation (**Annexure-G, Monitoring Checklist No.S/S-1.2**). Monitoring Checklist for use in Post Construction of a Substation (**Annexure-H, Monitoring Checklist No.S/S-1.3**).

5.2 For Power Line:

Environmental and Social Assessment and Management Template for Power Line Construction (**Annexure-I, Template No.P/L-2**). Monitoring Checklist for Power Line Construction (**Annexure-J, Monitoring Checklist No.P/L-2.1**). Monitoring Checklist for use in Post Construction of Power Line (**Annexure-K: Monitoring Checklist No.P/L-2.2**).

5.3 For Building:

Environmental and Social Assessment and Management Template for Building Construction (**Annexure-L, Template No. BLDG-3**).

5.4 For Mitigation Measures:

Template-Cum-Checklist for Environmental Impact Mitigation Measures (**Annexure-M, Template-Cum-Checklist No.I/M-4**).

5.5 For Compliance Verifications:

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