

Environmental and Social Monitoring Report

Reporting Period: January 2024 to June 2024
(7th Monitoring Report)

Assam Intra-State Transmission System Enhancement Project

Prepared by Assam Electricity Grid Corporation Limited, Government of Assam (AEGCL) for the Asian Infrastructure Investment Bank.

This environmental and social monitoring report is a document of the borrower and made publicly available in accordance with AIIB's Environmental and Social Framework. The views expressed herein do not necessarily represent those of AIIB's Board of Directors, Management, or staff.

SEMI ANNUAL ENVIRONMENTAL AND SOCIAL MONITORING REPORT

ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

SUBMITTED TO
ASIAN INFRASTRUCTURE INVESTMENT BANK



SUBMITTED BY
ASSAM ELECTRICITY GRID CORPORATION LIMITED



TABLE OF CONTENTS

LIST OF ABBREVIATIONS..... IV

EXECUTIVE SUMMARY1

1.0 INTRODUCTION.....6

1.1 BRIEF PROJECT DESCRIPTION.....6

1.2 PROJECT PROGRESS STATUS AND IMPLEMENTATION SCHEDULE23

1.3 BRIEF PROGRESS STATUS OF THE PROJECT33

2.0 COMPLIANCE WITH APPLICABLE REGULATIONS/STANDARDS.....34

3.0 COMPLIANCE WITH ENVIRONMENTAL AND SOCIAL COVENANTS FROM THE AIIB LOAN AGREEMENT54

4.0 COMPLIANCE WITH THE CIVIL WORK CONTRACT AGREEMENT.....55

5.0 COMPLIANCE WITH ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN58

6.0 COMPLIANCE TO RESETTLEMENT ACTION PLAN AND TRIBAL PEOPLE’S PLAN (IF ANY) 75

7.0 SUMMARY OF MONITORING RESULTS75

7.1 ENVIRONMENTAL AND SOCIAL MONITORING75

7.2 CAPACITY BUILDING MONITORING94

7.3 CAPACITY BUILDING ON THE SAFETY INDUCTIONS AND MEETINGS, INCLUDING SAFETY TOOLBOX TALKS CONDUCTED DURING THE REPORTING PERIOD.....162

7.4 ACCIDENT MONITORING185

7.5 HIGHLIGHTED ACTIONS.....98

8.0 IMPLEMENTATION OF GRIEVANCE REDRESSAL MECHANISM AND COMPLAINTS RECEIVED99

9.0 CORRECTIVE ACTION PLAN.....118

10.0 STATUS OF NON-COMPLIANCES FROM PREVIOUS MONITORING REPORT121

List of Tables

Assam Intra-State Transmission System Enhancement Project, Phase-1

Table Number	Particulars	Page Number
Table -1	Details of Packages (Substation and Transmission Lines)	7
Table - 2	Details of Transmission Lines	18
Table - 3	Physical and Financial Progress Status of Project during the reporting period	24
Table - 4	Brief progress status of the project	36
Table - 5	ESIA - ESMP documentation status of each package as per approved ESMPF	38
Table - 6	Status of E&S Semi Annual Monitoring Report	44
Table - 7	Mobilisation of E&S resources at each level i.e. PMU, PMC, and contractors	45
Table - 8	Compliance with Applicable Regulations/Standards	50
Table - 9	Compliance with Environmental and Social Covenants from the AIIB Loan Agreement	60
Table - 10	Compliance with civil work contract agreement	61
Table - 11	Key issue/gaps observed and suggested corrective action	64
Table - 12	Compliance with the Resettlement Action Plan and Tribal People's Plan	81
Table - 13	Package-wise Ambient Air Quality Monitoring Results (Baseline data generated for pre- monsoon season 2023)	82
Table - 14	Package wise Ambient Noise Level Monitoring Results (Baseline data generated for pre- monsoon season 2023)	82
Table - 15	Package wise Monitoring Results of Vibration (Baseline data generated for pre- monsoon season 2023)	83
Table - 16	Package wise Water Quality Monitoring Results (Baseline data generated for pre- monsoon season 2023)	84
Table - 17	Package wise Soil Quality Monitoring Results (Baseline data generated for pre- monsoon season 2023)	95
Table - 18	Details Capacity building programme	99
Table - 19	Summary of the Capacity Building on the safety inductions and meeting including TBT	102
Table-20	Summary of the accident monitoring during the reporting period	102
Table-21	Status of Grievance Received and their Redressal	104
Table-22	Key Issues and Corrective Action Plan	122
Table-23	Status of the non-compliances and corrective actions proposed in the previous (6 th) monitoring report.	125

List of Figures

Figure Number	Particulars	Page Number
Figure – 1	Location map of Project	6

List of Appendices

Appendix Number	Particulars	Page Number
------------------------	--------------------	--------------------

Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 1-A	ESIA-ESMP implementation monitoring for Sub-station component (January-June, 2024)	131
Appendix 1-B	Site visit details for Transmission lines (Jan-June, 2023)	133
Appendix 1-C	Photographs of Some of the site visits, EHS training and GRM training	134
Appendix 2	Attendance sheets for some of the consultations	146
Appendix 3	Sample copy of project site-specific Gantt chart (L2 Schedule)	150
Appendix 4	Sample copy of Consent to Establish (CTE) of Crusher	152
Appendix 5	Sample copy of Consent to Operate of Crusher	155
Appendix 6	Sample copy of Environmental Clearance of Stone Quarry	156
Appendix 7	Sample copy of Environmental Clearance of Sand Quarry	157
Appendix 8	Sample copy of Tree Cutting Permission	158
Appendix 9	Sample copy of PUC certificate	159
Appendix 10	Sample copy of Medical Tie up	160
Appendix 11	Sample certificate copy of Medical Examination	161
Appendix 12	Pre Monsoon Environmental Quality Monitoring Status of all Packages under AIIB-AISTSEP Phase-I	162
Appendix 13	Forest diversion proposal of 14.28 Ha Forest Land of 400 kV S/C Silchalr Byrnihat TL for Sonapur Substation	163
Appendix 14	Capacity Building on the safety inductions and meeting including TBT	166
Appendix 15	Accident monitoring during the reporting period	194

LIST OF ABBREVIATIONS

AAQS	Ambient Air Quality Standards
AIIB	Asian Infrastructure Investment Bank
AEGCL	Assam Electricity Grid Corporation Limited
AISTSEP	Assam Intra-State Transmission System Enhancement Project
AGM	Assistant General Manager
ARAP	Abbreviated Resettlement Action Plan
BOCW	Building & Other Construction Workers
CGWB	Central Ground Water Board
CTE	Consent to Establish
CTO	Consent to Operate
DC or D/C	Double Circuit
EPC	Engineering, Procurement and Construction
E&S	Environment and Social
ESIA	Environmental and Social Impact Assessment
ESMP	Environmental and Social Management Plan
ESMoP	Environmental and Social Monitoring Plan
ESMPF	Environmental and Social Management Planning Framework
ESS	Environment and Social Standard
EIA	Environmental Impact Assessment
GoA	Government of Assam
Gol	Government of India
GRC	Grievance Redressal Committee
GRM	Grievance Redressal Mechanism
HSE&SMP	Health, Safety, Environment & Social Management Plan
HSE&SMoP	Health, Safety, Environment & Social Monitoring Plan
HMP	Hot Mix Plant
HTLS	High Temperature Low Sag
IA	Implementing Agency
L1	Lowest Tender or Lowest Bid
LA	Land Acquisition
N/A	Not Arises
MoEF&CC	Ministry of Environment, Forest and Climate Change
MoP	Ministry of Power
NOC	No Objection Certificate
OPGW	Optical Power Ground Wire
PAPs	Project Affected Persons
PFA	Power for All
PG	Power Grid
PGCIL	Power Grid Corporation of India Limited
PIU	Project Implementation Unit
PMC	Project Management Consultant
PMU	Project Management Unit
PUC	Pollution Under Control
ROW	Right of Way
RAP	Resettlement Action Plan
RPF	Resettlement Policy Framework
R&R	Rehabilitation and Resettlement

Assam Intra-State Transmission System Enhancement Project, Phase-1

SPCB	State Pollution Control Board
ST	Scheduled Tribe
SC or S/C	Single Circuit
SPCB	State Pollution Control Board
S/S	Substation
STU	State Transmission Utility
T/L	Transmission Line
TPP	Tribal People's Plan
T&T	Tower and Transmission
USD	United States Dollar
UTs	Union Territories

WEIGHTS AND MEASURES

Hec (hectare)	10,000 sq. mts
kV	Kilo Volt (1,000 volts)
MVA	Mega Volt Ampere

EXECUTIVE SUMMARY

This is the 7th semi-annual monitoring report prepared for the Phase 1 of the Assam Intra-State Transmission System Enhancement Project" (AISTSEP). The reporting period in this report covers January to June 2024. The report has been prepared in compliance with requirements of the approved ESMPF for the AISTSEP.

Asian Infrastructure Investment Bank (AIIB) extended financial assistance for AISTSEP to Assam Electricity Grid Corporation Limited (AEGCL), the Implementing Agency (IA), to support the implementation of Power for All (PFA) plan. PT Feedback Infra Limited, Indonesia in Association with Jade Consult Nepal and NIPSA, Spain has been engaged by AEGCL as Project Management Consultant (PMC). Phase I of the project includes the construction of 10 new substations in 400kV, 220kV and 132kV voltage level along with the associated (332.945 km) transmission lines (TL), Conversion of one no. of existing AEGCL S/S (132/33kV Gohpur) from AIS to GIS; Augmentation of 18 existing substations (replacement of old transformers with new transformers); Augmentation of 186 km of transmission line (restringing of One Single Circuit (S/C) line and two Double Circuit (D/C) line) by High Temperature Low Sag (HTLS) conductors; Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines and substation equipment at substations.

The project has not been listed in the list of environmentally sensitive projects and hence, no Environmental Clearance is required, as per the Environmental Impact Assessment (EIA) Notification of 2006 and its subsequent Amendments by the Ministry of Environment, Forest and Climate Change (MoEF&CC). The project has been classified as category B, in accordance with the Environmental and Social Policy (ESP), as of now there is no protected area found within the subproject area. The sub-projects are located in different areas of Assam.

The following activities with regards to the Contract have been done during the reporting period.

- Compliance with Applicable Regulations/Standards is being done.
- Compliance to Environmental and Social Covenants from the AIIB Loan Agreement is being done.
- Compliance with the Environmental and Social Management Plan (ESMP) including the Environmental and Social Monitoring Plan (ESMoP) is being done.
- ESIA-ESMP for approach road to Sonparur Substation of Package-H1 was prepared and submitted to AIIB on 19.01.2024. Approval received from AIIB on 13th March, 2024.
- 6th Semi Annual Monitoring Report for the period July to December, 2023 was submitted to AIIB on 22.02. 2024. Approval is awaited from AIIB.
- CESMP report of proposed approach road to Sonapur S/s is submitted to AIIB and approval received on 13th March, 2024.
- The Construction of 400/220/132/33kV GIS, with transformation ratio of 400/220kV, 2x500 MVA; 220/132kV, 2x160 MVA; 132/33kV, 2x50 MVA at Rangia with associated Transmission Lines, along with bay extension works at existing 132/33kV Nalbari GSS (Package G) was awarded to M/s Shyama Power India Limited, Gurugram, India JV with M/s Stelmec Limited,

Assam Intra-State Transmission System Enhancement Project, Phase-1

Mumbai, India. The contract with M/s Shyama Power India Limited, Gurugram, India JV with M/s Stelmec Limited, Mumbai, India for Package- G was signed on 19th March, 2024.

- CESMP report of Rangia / Kumarikata GIS substation under Package-G prepared and submitted to AIIB on 04.06.24. Comments/observation/suggestion received in CESMP report from AIIB on 21.06.24. Addressing the comments and suggestion in the report is under progress.
- Accident monitoring is being done as per requirement. During the reporting period, some minor incidents occurred such as slight cut in the hand, leg, finger and knee, back and knee pain of the labourer working in the construction activities under several Packages.
- Compliance of the CESMP is being done by EPC contractors under the direct supervision of PMC as per contract requirements.

Following are the Key issue / gaps observed and suggested corrective action

Sl. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
1.	Copies of permissions / consents related to the updated Erection All Risk Policy, Workmen's Compensation Policy and Labour License etc. are being submitted by EPC contractors.	EPC contractors of all packages are suggested to comply all requirements of approved CESMP.	EPC contractors	At the earliest before expiry date of permissions / consents
2.	Check Survey report has not been submitted / approved as per latest approved tower spotting data for for all packages except package -C.	EPC contractors of all packages are suggested to submit check Survey report for approval.	EPC contractors	At the earliest for preparation of ESIA-ESMP for T/L.
3.	The ROW permission / approval for the three routes of Pkg -G is under process.	Need to expedite	AEGCL	At the earliest
4.	Re - survey of landowner identification for T/L of all packages shall be carried out jointly in all the Transmission Lines with concerned Circle Offices to finalize the land scheduling report.	Communication with concerned Circle Offices need to be expedite.	AEGCL, PMC and EPC contractors	At the earliest
5.	Permission of RoW for package -B (Nagaon 2 substation) is awaited from District Authority.	Needs to follow up with the District Authority	PIU/PMC	At the earliest
6.	For the RoW permission of Pkg - H, the joint verification conducted by the Lat Mandals of the Sonapur Revenue Circle	Need to expedite	AEGCL	At the earliest

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
	is in progress. During the reporting period, the verification process has been completed for approximately 9 km out of the total 19 km route that traverses various villages, to assess the current status of land in these villages and is a crucial step in securing the necessary RoW permissions for the project.			
7.	EPC contractors are suggested to submit all the relevant permissions / consents related to borrow earth for filling works from the competent authority (Forest/ Revenue Department) for all the active contract packages except Package-A (Bihpuria S/s)	All EPC contractors are suggested to submit all the relevant permissions / consents related to borrow earth for filling works from the competent authority (Forest/ Revenue Department)	EPC contractors	At the earliest before earth filling activity.
8.	Health check-up program organized by EPC contractors (Package A, B, C, D & E) during the reporting period except package- F & G.	All EPC contractors are suggested to conduct Health check-up program without fail.	EPC contractors	Before next reporting period.
9.	The EPC contractor of package - A, B, C, D, E & F has not conducted the pre-monsoon EQM test as per approved CESMP during the reporting period.	All EPC contractors are suggested to conduct post-monsoon EQM test without fail.	EPC contractors	Before next reporting period.
10.	<ul style="list-style-type: none"> • E&S Monthly Progress Report of all packages has not submitted except package - A and E. • Compliance report of PMC's Monthly Site Visit Observations has not submitted by all packages 	EPC contractors of all packages are suggested to submit E&S Monthly Progress Report and also submit the compliance report of PMC's Monthly Site Visit Observations on regular basis without fail.	EPC contractors	<p>Within 10 days of reporting month.</p> <p>Within 10 days of receiving of observation from PMC.</p>

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
	except package -E.			
11.	Deployment against the vacant E&S position in the respective project location / site specially the Community Consultation Officer are yet to complete by EPC contractors except package – E.	EPC Contractor as per contract immediately recruits against the vacant E&S position in the respective project location / site specially the Community Consultation Officer, with immediate effect for Transmission Line works.	EPC contractors	At the earliest (within 10 days of succeeding the reporting).
12.	Need to obtain various government rates for compensation of crop.	All respective PIU officials of AEGCL needs to communicate to all stockholders / departments for obtaining various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.	AEGCL / EPC contractors	At the earliest
13.	Need communicate for obtaining statutory clearance from Railway crossing, NHAI, PTTC Power Grid etc.	PIU to communicate with the concerned departments for obtaining statutory clearance if any is required, such as Railway crossing, NHAI, PTTC Power Grid etc.	AEGCL / EPC contractors	At the earliest
14.	Display of work - related signboard, sufficient numbers of PPE kits and proper labour facilities needs to be provided by all the EPC contractors in their respective packages.	EPC contractors are suggested to ensure that work-related signboard is to be displayed in all project sites, sufficient numbers of PPE kits need to be provided in all project sites and proper labour facilities are also to be provided in their respective packages.	EPC contractors	At the earliest (within 10 days of succeeding the reporting).
15.	Need to filling up all the	EPC contractors are suggested	EPC	Activity wise /

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
	necessary work related E&S checklists.	to filling up of work-related E&S checklists regularly in all the ongoing working sites.	contractors	weekly / fortnightly / monthly
16.	Need to comply with proper housekeeping, proper drainage facilities / waste management facilities at all substation sites.	EPC contractors of all packages are suggested to comply all requirements.	EPC contractors	At the earliest (within 10 days of succeeding the reporting).
17.	Grievance redressal mechanism training at respective project site need to be conduct on regular basis.	Regular training need to be conducted at all project site	AEGCL / PMC	Before next reporting period
18.	Requirement of meeting with EPC Contractors on E&S aspects.	Monthly review meeting on E&S aspects need to be arranged by EPC contractors.	EPC contractors / AEGCL / PMC	Monthly

Assam Intra-State Transmission System Enhancement Project, Phase-1

1.0 Introduction

Asian Infrastructure Investment Bank (AIIB) extends financial assistance for the “Assam Intra-State Transmission System Enhancement Project” (AISTSEP) to Assam Electricity Grid Corporation Limited (AEGCL), the Implementing Agency (IA), to support the implementation of Power for All (PFA) plan. The Loan was signed on February 23, 2021 and the Loan became effective on May 19, 2021. The Loan will be closed on April 30, 2026. PT Feedback Infra Limited, Indonesia in Association with Jade Consult Nepal and NIPSA, Spain has been engaged by AEGCL as Project Management Consultant (PMC).

1.1 BRIEF PROJECT DESCRIPTION

Phase-I of the project includes the construction of 10 new substations in 400kV, 220kV and 132kV voltage level along with the associated (332.945 km) transmission lines (TL), Conversion of one no. of existing AEGCL S/S (132/33kV Gohpur) from AIS to GIS; Augmentation of 18 existing substations (replacement of old transformers with new transformers); Augmentation of 186 km of transmission line (restringing of One Single Circuit (S/C) line and two Double Circuit (D/C) line) by High Temperature Low Sag (HTLS) conductors. Moreover, one number of supplementary transmission line is added as per amendment to original loan agreement with AIIB, i.e. augmentation of new “132 kV Sarusajai –Kamakhya High Temperature Low Sag (HTLS) conductors under Package-L.; Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines and substation equipment at substations.

The sub-projects are located in different areas of Assam. The location map of sub-projects is depicted in Figure – 1.

Assam Intra-State Transmission System Enhancement Project

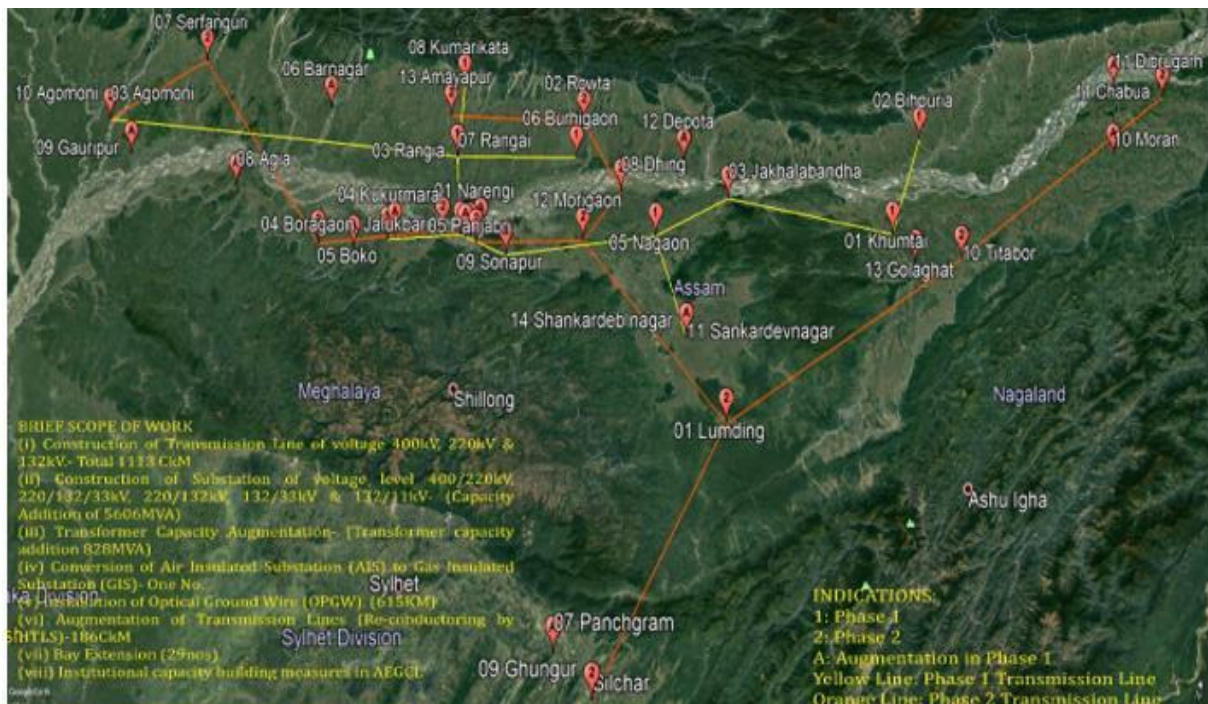


Figure – 1: Location map of Project

Assam Intra-State Transmission System Enhancement Project, Phase-1

1.1.1 Details of Substations and Transmission Lines

Table –1: Details of Packages (Substations and Transmission Lines)

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
A	M/s Necon Power & Infra Ltd.	Establishment of new 220/33kV (2X 100MVA), GIS substation at Bihpuria (26°59'17.975"N 93°50'14.797"E)	220 kV Bihpuria (New) - Sonabil (Existing) D/C Line – 88.324 km	26/07/2021	22/12/2021	Bihpuria / North Lakhimpur	AGM, North Lakhimpur T&T Division, AEGCL	2	2	Plain low land	Agricultural land	AEGCL (Transferred from Govt.)
		Establishment of new 220/33kV (2X100 MVA), GIS substation at Jakhlabandha (26°34'22.32"N 92°59'47.50"E)	LILO of 220 kV Samaguri - Mariani line at Jakhlabandha (New) S/C Line – 2.715 km			Jakhlabandha / Nagaon	AGM, Samaguri T&T Division, AEGCL, Samaguri	2.5	2	Plain	Barren	AEGCL (Transferred from APDCL)
B	Consortium of R.S. Infraprojects Pvt. Ltd. and M/s SIEMNS Ltd.	Establishment of new 220/33kV (2X100 MVA), GIS substation at Chhaygaon (26° 2'58.10"N	LILO at Chhaygaon on 220kV Azara – Boko (Existing) line – 1.61 km			Chhaygaon / Kamrup (R)	AGM, Mirza Division AEGCL, Kukurmara	1.33	1.33	Plain	Barren	AEGCL (Transferred from IGC, AIIDC)

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
		91°16'33.09"E)										
		Establishment of new 220/33kV (2X100 MVA), GIS substation at Nagaon-2 (26°22'43.31"N 92°41'45.98"E)	Samaguri – Sarusajai (Existing) 220kV D/C Line – 1.56 km	28/07/2021	02/02/2022	Nagaon Town/ Nagaon	AGM, Nagaon T&T Division, AEGCL, Nagaon	2.63	2.003	Plain low land	Barren	AEGCL (Transferred from APDCL)
C	M/s Siddhartha Engineering Ltd JV with M/s New Modern Technomech Ltd.	Establishment of new 132/33kV (2X50MVA), GIS substation at Burhigaon (26°32'39.84"N 92°10'40.71"E)	LILO of 132 kV Rowta - Sipajhar (AEGCL-Existing) S/C Line at Burhigaon (AEGCL-New) - 11.85 km	30/07/2021	06/12/2021	Burhigaon / Darrang	AGM 132kV (GSS) Grid Substation, Depota, AEGCL Tezpur.	0.79	0.79	Plain	Barren	AEGCL (Transferred from APDCL)
D	M/s R.S Infra Projects Pvt. Ltd. JV with Parth Electricals	Establishment of new 220/132kV (2X160MVA), GIS substation at Khumtai (26°34'9.414"N 93°	i. LILO of 220 kV Samaguri - Mariani line 1 at Khumtai – 10.167	04/05/2022	01/07/2022	Khumtai / Golaghat	AGM, 220kV Mariani GSS, AEGCL. And AGM, T&T	6.8	6.83	Slope	Tea Garden land	AEGCL (purchased from Tea Garden)

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
	Pvt. Ltd.	47°10.23"E)	ii. LILO of 132 kV Jorhat (W) - Bokakhat (Existing) at Khumtai (New) S/C Line – 10.198 km ii. 132 kV Khumtai (New) - Sarupathar (Existing) S/C Line – 61.205 km				Division, Golaghat, AEGCL					
E	M/s Godrej & Boyce Mfg. Co. Ltd.	Establishment of new 220/132kV (2X160MVA), GIS substation at Agomoni (26°28'8.16"N 90°0'40.55"E)	LILO of 220 kV Alipurduar (PGCIL) - Bongaigaon (PGCIL) D/C line at	10/01/2022	09/04/2022	Agomoni / Kokrajhar	AGM, 132kV Dhaligaon GSS, AEGCL	3.6	3.6	Plain	Barren	AEGCL

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
			Agomoni (New) Loop In- 2.640 km and Loop Out- 2.215 km									
		Establishment of new 220/132kV (2X160 MVA), GIS substation at Shankardevnagar (25°59'13.70"N 92°55'31.56"E)	220 kV Sankardevnagar (New)- Misa D/C Line- 26.487 km			Shankardevnagar / Hojai	AGM, 220kV Samaguri GSS, AEGCL	2	2	Plain	Barren	AEGCL
F	M/s Sumaja Electroinfra Pvt. Ltd.	Conversion of one existing AEGCL substation (132/33kV) Gohpur from AIS to GIS (26052'.12.3" N 93035'.41.2" E)	Not Applicable	07/11/2022 (Contract agreement signed)	08/04/2023	Gohpur / Biswanath	AGM, Nalkata Division, N. Lakhimpur	6.72	6.72	Plain	Existing AEGCL S/S	AEGCL
G	To be awarded	Establishment of new 400/220kV (2X500MVA), GIS	i. LILO of both circuits of 400kV Balipara (PG)	Bidding documents floated on	-	Tamulpur / Baksa	AGM, Rangia, AEGCL	7.47	8.34	Plain	Agricultural Land	AEGCL (purchased from Private)

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
		substation at Rangia and 132/33kV GIS substation (2X50MVA Transformers) at Kumarikata (26°38'27.86"N 91°36'22.52"E)	Bongaigaon (PG) DC line with twin Moose ACSR at 400kV Rangia GIS Loop In - 1.595 km Loop Out- 0.552km ii. D/C LILO of 220kV Amingaon-Rangia at Rangia GIS Loop In - 31.947km Loop Out- 35.323km iii. Kumarikata (AEGCL-New) - Nalbari (AEGCL-Existing) 132 kV S/C	the AEGCL website on 12/12/2023								Owner)

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
			Line on D/C Tower at Kumarikata GIS 36.271 km									
H	To be awarded	Establishment of new 400/220 kV (2X500 MVA), GIS substation at Sonapur (26° 7'55.78"N 91°59'56.80"E)	LILO of 1 ckt of 400 kV Silchar (PGCIL) - Byrnihat (Meghalaya) Line at Sonapur GIS (AEGCL-New) -19.606km	Bidding documents floated on the AEGCL website on 22/12/2023	-	Sonapur / Kamrup (M)	AGM, Kahilipara, AEGCL	1.2	1.2	Plain low land	Barren	AEGCL
H1	M/s High Tech Green Contractors LLP	Construction of Approach Road for 400/220/132kV Substation at Sonapur including the construction of CD works, RCC drain cum FP, RCC toe wall etc.	N/A	Contract agreement yet to be signed)	-	Sonapur / Kamrup (M)	AGM, Kahilipara, AEGCL	-	2.62	Plain low-lying land	Barren and Swampy	AEGCL. (Land acquisition is under process).

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
I	M/s BLUE STAR Ltd.	1. Narengi: 2X50MVA Transformers 2. Kahilipara: 2X50MVA, Transformers 3. Rangja: 2X50MVA, Transformers 4. Kukurmara, 2X50MVA, Transformers 5. Boko: 1X160MVA Transformers 6. 1no of 50 MVA at Nalbari GSS. 7. 1 no of 50 MVA at Shishugram GSS	Not Applicable	06/09/2021	06/12/2021							
J	M/s BLUE STAR Ltd.	1. 1 no. of 50 MVA at Panchgram GSS.	Not Applicable	19/07/2021	06/12/2021							

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
		2. 2 no. of 50 MVA transformer 3. at Gauripur GSS 4. 2 no. 50 MVA Transformer at Barnagar GSS. 5. 1x160MVA Transformer at Agia GSS. 6. 1 no. 50MVA Transformer at Hailakandi GSS.										
K	M/s Siddhartha Engineering Ltd JV with M/s New Modern Technomech Ltd.	1. 1 no 50 MVA at Rowta GSS, 2. 2 no 50 MVA at Golaghat GSS 3. 1 no 50 MVA at Sarusajai GSS 4. 1 no 50 MVA at Moran GSS 5. 1 no 50 MVA	Not Applicable	30/09/2021	06/12/2021							

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	Transmission line details in (km)									
		at Depota GSS 6. 1 no 50 MVA at Dibrugarh GSS 7. 1 no 50 MVA at Samaguri GSS 8. 1 no. 50 MVA at Khaloigaon GSS										
L	M/s APAR Industries Ltd.	Not Applicable	Augmentation of 161 km of transmission line (restringing of One Single Circuit (S/C) line and two Double Circuit (D/C) lines) by High Temperature Low Sag (HTLS)	23/07/2021	14/08/2021							

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Name of EPC Contractor	Scope of Work		Contract Award	Contract Effective Date	Location / Village / Town / Tehsil / District	Consignee / Concerned Division Official	Area as per Appendix-11 of ESMPF (in Hectare)	Area at present (In Hectare)	Slope/ Plain	Type of Land	Ownership
		S/S Details	transmission line details in (km)									
			conductors									
M	M/s Sterlite Power Transmission Ltd.	Not Applicable	Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines	30/10/2021	17/01/2022							

Assam Intra-State Transmission System Enhancement Project, Phase-1

1.1.2 Details of Transmission Lines

Details of transmission lines are given in the Table below.

Table 2: Details of Transmission Lines

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
A1. Bihpuria (AEGCL-New) – Sonabil (AEGCL-Existing) 220kV D/C Line					
88.324	88.324	293	35	49	1) Pabhoi 2) Gereki 3) Bapujar 4) Kala Pani 5) 3 No. Pulisomani 6) 1 No. Pulisomani 7) Gingia 8) Uttar Gingia 9) Solmari 10) Bargang 11) SeherliaKuhiar Bari 12) Hatimara 13) Sialmari 14) KulaguriJarani 15) BihmariJarani 16) Madhupur 17) Rakhalkuthi 18) Gosala 19) Halibari 20) Singlijan 21) Toton Bari 22) 1 No. Jogi Bari 23) Itapara 24) Jalauk Bari 25) Gupsar 26) Bholaguri 27) Magani Kochari 28) Prub Bari 29) Dalhoushe 30) Mohanigaon 31) Kumar Kata 32) 2 No. Kumar Kata 33) 1 No. KolikaGuri 34) Kumar Kata 35) 2 No. Kumar Kata 36) 3 No. Kumar Kata 37) Changmara 38) ChangmaraGuri 39) Major Dolani 40) Khalihamari 41) 1 No. Khalihamari 42) 2 No. Khalihamari

Assam Intra-State Transmission System Enhancement Project, Phase-1

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
					43) PetwaGusani Than 44) Dhalpur 45) KhanaPichona 46) Sarai Dholani 47) Derguwa 48) 3 No. Tatibahar 49) Jarabari
A2. LILO of 220kV Samaguri –Mariani line1 (AEGCL-Existing) at Jakhlabandha (AEGCL-New) S/C line					
2.715	2.715	11	35	3	1) SeconeePathar 2) SeconeeBorhola 3) Barholagaon
B1. LILO of 220kV Azara – Boko (AEGCL-Existing) D/C Line at Chhaygaon					
1.619	1.61	9	35	2	1) 2 No. Jambari 2) Paneri
B2. LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New)					
1.565	1.56	6	35	2	1) Holmare 2) Laogaon
C. LILO of 132 kV Rowta – Sipajhar (AEGCL-Existing) S/C Line at Burhigaon (AEGCL-New)					
11.858	11.85	45	27	6	1) Burhigaon 2) Kamarpara 3) Barhoipara 4) Mandalpara 5) 2 No Punia 6) Niz Barujhar 7) Borduwabill 8) Warpara 9) Borduwaneja
D1. LILO of 220kV Samaguri – Mariani (AEGCL-Existing) S/C Line 1 at Khumtai (AEGCL-New) – Samaguri (AEGCL-Existing) – S/C Line					
10.167	10.167	34	35	8	1) Bangoan 2) Helochai Gaon 3) Khumtai 4) Leteku Chapori 5) Dhansiri Sapori 6) Marangi Grant 7) Marangi Tea State 8) Letekujan Tea State
D2. LILO of 132 kV Jorhat (W)-Bokakhat (AEGCL-Existing) at Khumtai (AEGCL- New) S/C Line					
10.198	10.198	32	27	7	1) Letekujan Grant

Assam Intra-State Transmission System Enhancement Project, Phase-1

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
					2) Marangi Tea State 3) Letekujan Tea State 4) Bangoan 5) Khumtai 6) Songkola 7) Borgoria Chupri
D3. Khumtai (AEGCL-New) – Sarupathar (AEGCL-Existing) 132 kV S/C Line					
61.205	61.205	198	27	31	1) Ikorani 2) Premhora 3) No-1 tengrajan 4) No-2 Tengrajan 5) Rongagarh 6) Kharua 7) Nahor Bari 8) Baramukhia 9) Borchapori 10) Chakali 11) Dapathar 12) Basapathar 13) 1 No Herhari 14) 2 No Herhari 15) Jamuguri 16) Kochari 17) Sipaibari 18) Dayang 19) Oating 20) Garigaon 21) Borpothorua 22) Daehomua 23) Kathkotia 24) Rangajan 25) Sarargaon 26) Telia Gaon 27) Prajabasti 28) 1 Long Sesabil 29) 2No Doigrang 30) Pankagaon 31) Khumtai

Assam Intra-State Transmission System Enhancement Project, Phase-1

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
E1. Shankardevnagar (AEGCL-New) – Misa (AEGCL-Existing) 220 kV D/C Line					
26.457	26.487	95	35	19	1) Hojai 2) Pam Gaon 3) Tetultala 4) Dhanuhar Basti 5) Telibasti 6) Dimrupar 7) Sholmari 8) Pub-Solmarijan 9) Nikharimukh 10) Bhedeoati 11) Bheloguri Pather 12) Fakira Basti 13) Alinagar 14) Fatehpur 15) Kathalpur 16) Solmarijanpacchim 17) DakhinBhedeoati 18) Changmaji 19) Dighaljar
E2. LILO of 220 kV both ckt of Alipurduar (PGCIL) – Bongaigaon (PGCIL) D/C Line at Agomoni (AEGCL- New)					
2.216	Loop In-2.640 km and Loop Out- 2.215 km	20	35	3	1) Kadamguri – II 2) Anthaibari 3) Dhauliguri
G1. LILO of both circuits of 400kV Balipara (PG) – Bongaigaon (PG) DC line with twin Moose ACSR at 400kV Rangia GIS					
21	Loop In -1.595	6	52	1	1) Kachubari
	Loop Out- 0.552	4	52	2	1) Kachubari 2) Geruapar
G2. D/C LILO of 220kV Amingaon- Rangia at Rangia GIS					
20	Loop In - 31.947	113	35	14	1) Khairbari 2) 2No Nokul 3) GokhaiHolmari 4) Hiragata 5) Deulkuchi 6) Dhapergaon 7) Matikata 8) Borghuli

Assam Intra-State Transmission System Enhancement Project, Phase-1

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
					9) Gohaigoan 10) Dongpara 11) Jugmary 12) Sherampara 13) Gandibari 14) Kachukata
	Loop Out-35.323	126	35	14	1) Kachukata 2) Singibari 3) Uttar Gandhibari 4) Gandhibari 5) Halonbari 6) Gurmou 7) Paschim Chandamari 8) Bhehbari 9) Deulkuchi 10) Uttar Bardal 11) Hiragata 12) North Bardal 13) 2No Nokul 14) Khairbari
G3. Kumarikata (AEGCL-New) – Nalbari (AEGCL-Existing) 132 kV S/C Line on D/C Tower at Kumarikata GIS					
40	36.271	131	27	20	1) Ramechubari 2) Hauli 3) Pubhawly 2 No 4) Sarangbari 5) Dighelipar 6) Dimilapar 7) PurbaDimilapar 8) Puneya 9) Bhakatpara 10) Borbil 11) Uttar Barshiyal 12) Bherbheri 13) Dham Dhama 14) Azanpur 15) Vhalamari 16) Rangafali 17) Ahudhali

Assam Intra-State Transmission System Enhancement Project, Phase-1

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
					18) Kachimpur 19) Sariahtali 20) Nalbari
H. LILO of 1 ckt of 400 kV Silchar (PGCIL) – Byrnihat (Meghalaya) Line at Sonapur GIS (AEGCL-New)					
25	19.500	62	52	13	1. BoroThondo 2. Moupur 3. Ghamal 4. Langurighat 5. Rahuri 6. Nartap 7. Bhung Gaon 8. Tetelia 9. Boda Gaon 10. Borkusil 11. Horikota 12. Momora 13. Sonapur
L1. Transmission Capacity Augmentation					
Kukurmara – Sarusajai 220kV D/C line HTLS RESTRINGING					
48					
L2. Gossaigaon – Gauripur 132kV S/C line HTLS RESTRINGING					
62					
L3. M.BTPS (Salakati) – Dhaligaon 132kV D/C Line HTLS RESTRINGING					
76					
L4. New 132 kV Sarusajai-Kamakhya Line HTLS RESTRINGING					
9					
M. Replacement of Ground Wire to OPGW					
636					

Assam Intra-State Transmission System Enhancement Project, Phase-1

1.2 PROJECT PROGRESS STATUS AND IMPLEMENTATION SCHEDULE

Table 3: Physical and Financial Progress Status of Project during the reporting period

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
1	Pkg- A	Effective Date of Contract– 22.12.2021 Scheduled Completion Date-22.12.2024	M/s Necon Power and Infra Ltd	228.13	Construction of 220/33kV, 2X100MVA GIS at Bihpuria	14.25%	17.10%	<ul style="list-style-type: none"> • Civil and Electrical Design and Drawings review and approval process is going on. • Earth filling work under progress and 25% completed. • Construction of Boundary Wall under progress and 38% completed. • Construction work of RE Residence under progress and 45% completed. • Transformer Pad 1 55% Completed and Work under Progress & Transformer Pad 2 55% Completed. • Construction of control Room Building 17% Completed and work under progress. • Construction of Store building work 40% completed and work under progress. • Construction of Officer Hostel cum transit camp work under progress and 5% completed. • Construction of Staff hostel work under progress and 14% completed.
					Construction of 220/33kV, 2X100MVA GIS at Jakhalabandha	32.70%		<ul style="list-style-type: none"> • Civil and Electrical Design and Drawings review and approval process is going on. • Construction of Boundary Wall under progress and 90% completed. • Construction of RE' Residence under progress and 85 % completed. • Construction of Store Building under progress

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
								and 65% completed. • Transformer Pad 1 85% completed & Transformer Pad 2 57% completed. • 33kV Control & switchgear room 56% completed. • Officer Hostel cum Transit camp 39% completed. • Open Store shed 95% completed. • 220kV GIS Building along with GIS bay extension 52% completed. • Construction of Staff Hostel work under progress and 39% work completed. • Construction of Security Barrack work under progress and 5% Work completed. • Construction of Fire wall work under progress and 100% completed.
					220kV D/C Pabhoi - Bihpuria Transmission Line – 88 Km	9.5%		• Tower Design of 220kV DA, DB, DC and DD type towers vetted by IIT Guwahati. DA Type Tower Type Tested. • Re-check Survey to be done as per the revised Tower spotting data.
					220kV LILO from Samaguri- Mariani (Line-1) Transmission Line at Jakhalabandha GIS– 2.71Km	9.5%		• Tower Design of 220kV DA, DB, DC and DD type towers vetted by IIT Guwahati. DA Type Tower Type Tested. • Re-check Survey to be done as per the revised Tower spotting data.
2	Pkg- B	Effective Date of Contract–	Consortium of M/s R.S	133.98	Construction of 220/33kV, 2X100MVA GIS at Chaygaon	21.21%	12.8%	• Civil and Electrical Design and Drawings review and approval process is going on.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
		02.02.2022 Scheduled Completion Date-02.02.2025	Infra Projects Pvt. Ltd. & M/s Siemens Ltd					<ul style="list-style-type: none"> • Earth filling work under progress and 39% completed. • Construction of Boundary Wall under progress and 83% completed. • Construction works of LM tower 100%(Foundation) completed. • Construction of GIS Building under progress and 63% completed. • Construction of 33kV switchgear and Control room building work under progress and 40% completed.
					220kV LILO from Mirza - Boko Transmission Line at Chaygaon GIS – 1.61 Km	12.42%		<ul style="list-style-type: none"> • Re-Check Survey Report, need to be submitted as per revised Tower Spotting data. • Landowner Identification report to be resubmitted as per the check survey. • Type tested tower design document for 220kV D/C Tower Type A, B, C and D with single ACSR Moose Conductor for wind zone 5 vetted by IIT BHU approved. • Stub delivered at site.
					Construction of 220/33kV, 2X100MVA GIS Nagaon-2.	25.74%		<ul style="list-style-type: none"> • Civil and Electrical Design and Drawings review and approval process is going on. • Construction of Boundary Wall under progress and 65% completed. • Construction works of LM tower under progress and 80% completed. • Construction of Security Barrack under Progress and 25% completed. • Construction of 220 kV GIS Building Work 37%

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
								Completed. plinth beam under progress • Construction of CRB under progress 25% Completed.
					220kV LILO from Jawahar Nagar - Samaguri Transmission Line at Nagaon 2 – 1.56 Km	13.63%		• Re-check Survey to be done as per the revised Tower spotting data. • Landowner Identification work completed; report received from Circle Officer. • Type tested tower design document for 220kV D/C Tower Type A, B, C and D with single ACSR Moose Conductor for wind zone 5 vetted by IIT BHU approved.
3	Pkg- C	Effective Date of Contract– 06.12.2021 Scheduled Completion Date-06.12.2024	M/s Siddhartha Engineering Limited JV with M/s New Modern Technomech Pvt. Ltd	47.64	Construction of 132/33kV, 2X50 MVA GIS at location (Burhigaon)	38.60%	31.15%	• Civil and Electrical Design and Drawing document review and approval process is going on. • Construction of Boundary Wall under progress and 34% completed. • Construction of Transformer Foundation under progress and 75% completed. • Construction of Officer’ Hostel under progress and 60% completed. • Construction of Security Barrack under progress and 50% completed. • Construction of Staff Hostel under progress and 50% completed. • Construction of RE’ Residence under progress and 60% completed. • Construction of Store Building under progress and 45% completed. • Construction of Security Booth under progress

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
								and 45% completed. <ul style="list-style-type: none"> • Construction of 132 kV GIS Building under progress and 39% completed. • Construction of 33kV control room Building work under progress and 35% completed. • 145kV GIS Equipment Supply Completed.
					132 kV LILO of Siphajhar - Rowta Transmission Line at Burhigaon GIS– 11.85 km	28.43%		<ul style="list-style-type: none"> • Re-Check Survey report approved. • Landowner Identification work Completed.
4	Pkg- D	Effective Date of Contract– 01.07.2022 Scheduled Completion Date-01.07.2025	M/s R.S Infra Projects Pvt. Ltd. JV with Parth Electricals Pvt. Ltd.	200.65	Construction of 220/132kV, 2X160 MVA; 132/33kV, 2X50 MVA GIS at location (Khumtai)	31.62%	8.58%	<ul style="list-style-type: none"> • Civil and Electrical Design & Drawing document review and approval process is going on. • Site Levelling, Land filling Soil Compaction Work 80% Completed. • Construction of Boundary wall work under progress and 67% Completed. • Construction of 220kV GIS Building work under Progress and 40% completed. • Construction of 132kV GIS Building work under Progress and 36% completed. • Construction of Control room building work under progress and 12% • 220kV & 145kV GIS equipment supplied with mandatory spares.
					LILO of 220kV Samaguri - Mariani line 1 at Khumtai – 10.16 km.	9.27%		<ul style="list-style-type: none"> • Check Survey report not submitted. • 220kV vetted tower design has submitted for Approved
					LILO of 132 kV Jorhat (W) - Bokakhat (Existing) at Khumtai (New) S/C Line	11.16%		<ul style="list-style-type: none"> • Check survey report not submitted. • Type testing of DA, DB and DD Tower

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
					- 10.19 km			completed at CPRI. Stub supplied at site.
					132 kV Khumtai (New) - Sarupathar (Existing) S/C Line – 61.20 km	12.59%		<ul style="list-style-type: none"> • Check Survey of 12 km approved. • Stub supplied at site. • 3 nos Foundation completed.
5	Pkg- E	Effective Date of Contract– 09.04.2022 Scheduled Completion Date-08.04.2025	M/s Godrej & Boyce Mfg. Co. Ltd	223.48	Construction of 220/132kV, 2X160 MVA GIS at Shankardevnagar	36.73%	26.38%	<ul style="list-style-type: none"> • Civil and Electrical Design and Drawing and document review and approval process is going on. • Construction of GIS Building Raft & Column under progress and 46% completed. • Construction of RE' Residence under progress and 55% completed. • Construction of Security Barrack under progress and 55% completed. • Construction of Transformer Pad under progress and 50% completed. • Construction of Gantry Structures work under progress and 100% completed. • Construction of Store Building under progress and 55% completed. • Construction of Open Store Shed work under progress and 35% Completed. • Construction of Staff hostel cum Transit camp work under progress and 25% Completed. • Construction of Fire protection wall work under progress and 30% completed.
					220kV D/C Transmission Line from Shankardevnagar - Misa S/S -26.45	12%		<ul style="list-style-type: none"> • Re-Check survey report has to be submitted according revised tower spotting data. • Tower Design of 220kV DA, DB, DC and DD type

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
					km			towers vetted by IIT Guwahati.
					Construction of 220/132kV, 2X160 MVA GIS at Agomoni	46.43%		<ul style="list-style-type: none"> • DA Type tower Type tested successfully. • Civil & Electrical Design and Drawings review and approval process is going on. • Construction of GIS Building Raft & Column under progress and 38% completed. • Construction of 145kV Control Room Building under progress and 76% completed. • Foundation of Gantry Tower- 2T-1, 2T-2, 1T-3, 1T-2A, 1T-2B, 1T-A1 and 1T-1B Type 100% completed. • Construction of Transformer Pad (excavation & PCC) under progress and 66% completed. • Foundation of mounting structure of equipment's is under-progress. • 245kV GIS equipment's supply completed. • 1no 160 MVA Transformer supplied.
					220kV LILO of both Circuit of Alipurduar – Bongaigaon (PGCIL) D/C Line at Agomoni GIS– 3 Km	12%		<ul style="list-style-type: none"> • Re-Check survey report need to be submitted as per revised tower spotting data. • Tower Design of 220kV DA, DB, DC and DD type towers vetted by IIT Guwahati. • DA Type tower Type tested successfully.
6	Pkg- F	Effective Date of Contract– 08.04.2023 Scheduled Completion Date-07.04.2026	M/s Sumaja Electro Infra Pvt. Ltd.	46.56	Conversion of existing 132 kV Gohpur AIS to GIS Substation	15.55%	10%	<ul style="list-style-type: none"> • Drawing submission and approval under progress • Construction of 132kV GIS building work under progress and 43% Completed. • Construction of Store building under progress and 77% Completed.

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
7	Pkg- G	----	----	----	Construction of 400/220kV, 2X500 MVA GIS; 220/132kV 1X160 MVA GIS; 132/33kV, 2X50 MVA AIS (Kumarikata) at one location (Rangia) and its associated lines.	---	---	<ul style="list-style-type: none"> Notification of intention to award the Contract has been issued on 29-02-24. The contract with M/s Shyama Power India Limited JV with M/s Stelmec Limited was signed on 19th March, 2024
8	Pkg- H	----	----	----	Construction of 400/220kV, 2X500 MVA GIS at location (Sonapur) and its associated lines.	---	----	<ul style="list-style-type: none"> Tender Technical Bid evaluation under progress.
9	Pkg-H1	Effective Date of Contract– 22.02.2024	M/s High-Tech Eco Green Contractors LLP	16.52	Construction of Approach Road for 400/220/132kV Substation at Sonapur including construction of CD works, RCC drain cum FP, RCC toe wall etc.	10 %	---	<ul style="list-style-type: none"> Site Clearance and labour camp constructed.
10	Pkg- I	Effective Date of Contract– 06.12.2021 Scheduled Completion Date-06.12.2023	M/s Blue Star Limited	61.27	Augmentation / Upgradation of 132/33 kV Substations at:	86.50%	77%	<ul style="list-style-type: none"> Supply of Major items completed. 9 nos. of power transformer delivered at site. 2 no. 50MVA Transformer commissioned at Kukurmara GSS. 1 no. 50 MVA Transformer commissioned at Narengi GSS. 1 no. 50 MVA Transformer– (I) Commissioned at Kahilipara GSS & Second (II) 50 MVA Transformer Erection Completed.
					i. Narengi			
					ii. Kahilipara			
					iii. Rangia			
					iv. Kukurmara			
					v. Boko			
vi. Nalbari								
11	Pkg- J	Effective Date of Contract– 06.12.2021 Scheduled Completion	M/s Hi-Tech Corporation JV with M/s Technical Associates	42.7	Augmentation / Upgradation of 132/33 kV Substations at:	98%	97%	<ul style="list-style-type: none"> 1 no. of 50 MVA transformer commissioned at Panchgram GSS. 2 no. of 50 MVA transformer commissioned at Gauripur GSS 2 no. 50 MVA Transformer commissioned at
					i. Bornagar			
					ii. Panchgram			
					iii. Gauripur			

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
		Date-06.12.2023	Ltd (JV Partner)		iv. Hailakandi Augmentation / Upgradation of 220/33 kV Substation at Agia			Barnagar GSS. • 1x160MVA Transformer Commissioned at Agia GSS. • 1 no. of 50 MVA transformer commissioned at Hailakandi GSS.
12	Pkg- K	Effective Date of Contract– 06.12.2021 Scheduled Completion Date-06.12.2023	M/s Siddhartha Engineering Private Ltd.	43.98	Augmentation / Upgradation of 132/33 kV Substations at: i. Dibrugarh ii. Depota iii. Golaghat iv. Rowta v. Moran vi. Samaguri vii. Sarusajai	98%	93.99%	• Transformer charged at the following substations. • 1 no 50 MVA at Rowta GSS, • 2 no 50 MVA at Golaghat GSS • 1 no 50 MVA at Sarusajai GSS • 1 no 50 MVA at Moran GSS • 1 no 50 MVA at Depota GSS • 1 no 50 MVA at Dibrugarh GSS • 1 no 50 MVA at Sisugram GSS • 1 no 50 MVA at Samaguri GSS • 1 no 50 MVA at Khaloigaon GSS
13	Pkg- L	Effective Date of Contract– 14.08.2021 Scheduled Completion Date- 14.08.2023	M/s Apar Industries Ltd	97.82	Augmentation of Transmission Line Capacity (Three Lines) (HTLS) (148 Ckm) i. 220kV Sarusajai - Mirza Transmission line ii. 132 kV Salakati - Dhaligaon Transmission line iii. 132 kV Gossaigaon - Gauripur Transmission Line iv. New 132 kV Sarusajai- Kamakhya Line	97.25%	84.22%	• Stringing work of 132 kV Gossaigaon - Gauripur Transmission Line completed and line charged. • Stringing work of 132 kV Salakati - Dhaligaon Transmission line completed and charged. • HTLS Stringing work of 220 kV D/C Mirza (Kukurmara) - Sarusajai Transmission Line Completed. • In addition, to the original scope of work the restringing of 132 KV existing Sarusajai- Kamakhya transmission line by HTLS conductor is included in the scope of work. • Supply of HTLS Conductor and insulator,

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 30 th June, 2024 in %	Financial Progress till 30 th June, 2024 in %	Ongoing work status
								Hardware fitting Supply Completed for 132 kV Sarusujai- Kamakhya Transmission Line. <ul style="list-style-type: none"> • Re-Stringing of 132kV existing Sarusujai-Kamakhya transmission Line by HTLS conductor S/C Stringing work under progress and 21.669 Km completed.
14	Pkg- M	Effective Date of Contract- 17.01.2022 Scheduled Completion Date- 16.01.2025	M/s Sterlite Power Transmission Ltd.	43.08	Augmentation of the communication backbone - Replacement of existing ground wire by OPGW (636 km) i. 220kV Mariani to Samaguri Circuit -1 (LILO at Khumtai and Jakhalabandha GIS) ii. 132kV Majuli to Nalkata (North Lakhimpur) iii. 132kV Dibrugarh to Lakwa (LILo at Behiating & Moran) iv. 220kV Mariani to Namrup v. 132kV Gossaigaon to Gauripur vi. 132kV Gossaigaon to Dhaligaon vii. 132kV Gauripur to Bilasipara viii. 132kV Bilasipara to Kokrajhar ix. 132kV Kokrajhar to Salakati	82.53%	49.79%	<ul style="list-style-type: none"> • Stringing works of 220kV Namrup – Mariani Line Completed. • Stringing works of 132kV Gossaigaon – Gauripur Line (61.60 km) Completed • Stringing works of Gauripur-Bilasipara 37.028 km completed • Stringing works of 132kV Gossaigaon SS to Dhaligaon SS Line 59.432 km Completed • Stringing works of 132kV Bilasipara SS to Kokrajhar SS completed (23.480 km) • Stringing works of 132kV Kokrajhar SS to Salakati SS completed (9.571 km) • OPGW Stringing work completed for 132kV Majuli-Nalakata line (46 km out of 46 Km) • 132kV Dibrugarh to Lakwa (LILo at Behiating & Moran) 63.934 Km Completed. • OPGW Stringing work in progress for 220kV Mariani-Samaguri line (133.72 km out of 167 Km) • Total 574.8Km's / 636 Km's OPGW stringing Completed.

Assam Intra-State Transmission System Enhancement Project, Phase-1

1.3 BRIEF PROGRESS STATUS OF THE PROJECT

Brief progress status of the project for activity during the reporting period is given in the table below.

Table 4: Brief Progress status of the project

Project Component Stage	Progress Status {not yet started; on-going; completed}	Percent Completed	Remarks
Substation Component Sub-project ESIA / RP disclosed	On-going	100%	<p>ESIA/ESMP for all Substation components has been prepared and approval received and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)</p> <p>As per the requirements of ESMPP, abbreviated resettlement action plan for three numbers of sub-stations namely, 220/33kV Nagaon-2, 220/33kV Bihpuria and 400/220kV Rangia/Kumarikata SS has been prepared and approval received and the same documents has been uploaded in the AEGCL website. (https://www.aegcl.co.in/aiib-project-details/).</p> <p>To monitor the implementation of ESIA-ESMP for all sub-projects, site visits were conducted on a regular basis and the details are provided in Appendix 1.</p>
TL Component Sub-project ESIA / RP disclosed	ESIA – ESMP preparation - On-going	-	<ul style="list-style-type: none"> • Check Survey report has been approved as per latest approved tower spotting data for LILO of 132kV Rowta-Sipajhar under Pkg –C. • Check survey report submitted for approval for 220KV Shankardevnagar (AEGCL-New) - Misa (AEGCL-Existing) D/C Line and check survey report not submitted for LILO of both ckt of 220 kV Alipurduar (PGCIL) - Bongaigaon (PGCIL) D/C line under Pkg-E. • Check survey report not submitted for 220 kV LILO from Samaguri-Mariani Line 1 and 132 kV LILO from Jorhat (West)- Bokakhat S/C under. However, Check survey completed for 42 km out of 60km for 132 kV Khumtai - Sarupathar line under Pkg-D. • Re-check survey to be conducted based on the approved tower spotting data for 220KV D/C Pabhoi-Bihpuria line and LILO of 220 kV Samaguri-Mariani line 1 under Pkg-A. Moreover, re-check survey to be conducted for LILO of 220 kV Samaguri (AEGCL- Existing) –Sarusajai D/C line and LILO of 220kV Azara – Boko line under Pkg-B. • ROW approval for the route is under process for 400KV Balipara (PGCIL)-Bongaigaon (PGCIL) D/C Line, 220 kV Old Rangia - Amingaon (Existing-AEGCL) Line and 132 kV Kumarikata (AEGCL-New) - Nalbari (AEGCL-Existing) S/C Line under Pkg G.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Project Component Stage	Progress Status {not yet started; on-going; completed}	Percent Completed	Remarks
			<ul style="list-style-type: none"> Re-survey of land owner identification need to be carried out as per approved tower spotting data in all the above-mentioned Transmission Lines.
Contract Award	On-going	95% (approx.)	<ul style="list-style-type: none"> The construction site for the proposed 400/220kV, 2X500 MVA; 220/132 kV, 2X160 MVA and 132/33kV, 2X50 MVA GIS at Rangia (Kumarikata) along with associated Transmission Lines with bay extension works at existing 132/33 kV Nalbari GSS is handed over to M/s Shyama Power India Limited, Gurugram, India JV with M/s Stelmec Limited, Mumbai, India on 15/06/2024 by Rangia GSS Division, AEGCL. The Notice to Proceed for the work will be issued to EPC Contractor on July, 2024. The Re-Tender documents floated for Construction of 400/220kV, 2X500 MVA GIS at Sonapur (New) with associated Transmission Lines, (Package H) on 26.02.2024. Technical Tender Evaluation of the submitted tender is completed. Financial tender of the Responsive tenderer shall be opened through e-tender portal which is under progress.
Construction (civil works, installation of equipment etc.)	Boundary Wall works, of GIS. RE, Control room, store building, Transformer pad, Foundation of LM tower initiated during the reporting period.	51.79% (approx.)	Construction of boundary wall for the S/S, construction of GIS building, GIS Bay foundation, Security barrack, RE building, control room building, construction of transformer pad and grantry for Transmission line, foundation of LM tower, installation of transformer in augmentation package and Stringing of OPGW lines, HTLS lines has been done in the reporting period.

The project site-specific Gantt chart (L2 Schedule) has been included in respective CESMP reports and a sample copy of the same has been given in **Appendix - 3**.

2.0 Compliance with Applicable Regulations/Standards

The status of Compliance with Applicable Regulations/Standards during the reporting period is given below.

2.1 ESIA - ESMP documentation status of each package as per approved ESMPF

Table 5: ESIA - ESMP documentation status of each package as per approved ESMPF

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise
A	Bihpuria	M/s NECCON Power & Infra Ltd	<ul style="list-style-type: none"> • Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). • As per the discussion held during the AIIB Mission in the month of April 2022 final ESIA-ESMP was revised and sought approval for uploading in the public domain by AEGCL on 30.04.2022. • Approval received from AIIB on 30.04.2022. • ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land scheduling by the EPC Contractor and further approval by the Revenue department. • The joint survey of landowner identification of the Transmission Line is under process in the Bihpuria substation. • The joint survey of land owner identification survey of the Transmission Line in the Jakhlabandha substation is completed. A detailed assessment of the land requirement for tower footing is under process. 	<ul style="list-style-type: none"> • R0 CESMP submitted to AIIB on 23.03.2022. • R1 CESMP submitted to AIIB on 20.04.2022. • R2 Updated CESMP submitted to AIIB on 26.04.2022. • Approval received from AIIB on 05.05.2022. • R3 Updated CESMP submitted to AIIB on 17.10.2022. Approved by AIIB on 12.12.2022
	Jakhlabandha			
B	Chhaygaon		<ul style="list-style-type: none"> • Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). • As per the discussion held during the AIIB Mission in the month of April, 2022, final ESIA-ESMP was revised and seek approval for uploading in the public domain by AEGCL on 30.04.2022. • Approval received from AIIB on 30.04.2022. • ESIA-ESMP for the Transmission line will be prepared after the completion and submission of the land scheduling by the EPC Contractor and further approval by the Revenue dept. • The joint survey of landowner identification is completed. Report preparation is under progress in Circle Office, Chhaygaon and is awaited from their end. • The joint survey of land owner identification of the Transmission Line is completed. Report 	<ul style="list-style-type: none"> • R0 CESMP submitted to AIIB on 10.03.2022. • R1 CESMP submitted to AIIB on 20.04.2022. • R2 Updated CESMP submitted to AIIB on 26.04.2022. • Approval received from AIIB on 05.05.2022. • R3 Updated CESMP submitted to AIIB on 02.01.2023. Approved by AIIB on 13.01.2023
	Nagaon 2			

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise
			preparation is under progress in Circle Office, Nagaon Sadar and is awaited from CO, Nagaon Sadar.	
C	Burhigaon	M/s Siddhartha Engineering Ltd JV with M/s New Modern Technomech Ltd.	<ul style="list-style-type: none"> • Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). • As per the discussion held during the AIIB Mission in the month of April 2022, the final ESIA-ESMP was revised and seeks approval for uploading in the Public domain by AEGCL on 30.04.2022. • Approval received from AIIB on 30.04.2022. • ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land scheduling by the EPC Contractor and further approval by the Revenue dept. However, a re-survey of land owner identification was conducted jointly and completed by Lot Mandal from concerned Circle Offices, Dalgaon & Kalaigaon. The report is awaited from the concerned Circle Offices. 	<ul style="list-style-type: none"> • R0 CESMP submitted to AIIB on 01.04.2022. • R1 CESMP submitted to AIIB on 20.04.2022. • R2 Updated CESMP submitted to AIIB on 26.04.2022. • Approval received from AIIB on 05.05.2022. • R3 Updated CESMP submitted to AIIB on 10.11.2022. Approval received from AIIB on 21st November, 2022.
D	Khumtai	M/s R. S. Infraprojects Pvt. Ltd. JV with M/s Parth Electricals	<ul style="list-style-type: none"> • Draft ESIA-ESMP for S/S Submitted to AIIB on 19.05.2022 by AEGCL. • Approval received from AIIB on 27.06.2022 • ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land schedule by the EPC Contractor and further approval by the Revenue dept., Check survey is under progress. 	<ul style="list-style-type: none"> • As per updated format received from AIIB, updated CESMP is submitted to AIIB on 7th September, 2022. • Approval from AIIB received on 12th Sepetember, 2022
E	Agomoni	M/s Godrej & Boyce Mfg. Co. Ltd.	<ul style="list-style-type: none"> • Draft ESIA-ESMP for S/S Submitted to AIIB on 19.05.2022. • Approval received from AIIB on 27.06.2022. • ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land scheduling by the EPC Contractor and further approval by the Revenue dept. • However, an alternate route has been proposed by M/s Godrej & Boyce Mfg. Co Ltd as the school field is coming under the RoW. The finalization of route of 220 	<ul style="list-style-type: none"> • As per updated format received from AIIB, updated CESMP is submitted to AIIB on 7th September, 2022. • Approval from AIIB received on 13th Sepetember, 2022

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise
			kV LILO at the gantry of 220 kV Agomoni GIS is under review.	
	Shankardev Nagar		<ul style="list-style-type: none"> • Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). • As per discussion held during AIIB Mission in the month of April, 2022, final ESIA-ESMP was revised and seek approval of uploading in the Public domain by AEGCL on 30.04.2022. • Approval received from AIIB on 30.04.2022. • ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land scheduling by EPC Contractor and further approval by Revenue dept. • The joint survey of landowner identification of the Transmission Line is under process. 	
F	Construction of 132/33kV GIS Scheme Conversion from AIS at location (Gohpur) Package-F	M/s Sumaja Electro Infra Pvt. Ltd.	<ul style="list-style-type: none"> • ESIA & ESMP report for Package - F submitted to AIIB 27.10.2022 and approval from AIIB received on 31.10.2022. 	Updated CESMP prepared and submitted to AIIB on 30th May, 2023 and approval from AIIB received on 13th June, 2023
G	Rangia/ Kumarikata	M/s Shyama Power India Limited, Gurugram, India JV with M/s Stelmec Limited, Mumbai, India	<ul style="list-style-type: none"> • Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). • Revised ESIA-ESMP for S/S Submitted to AIIB on 31.05.2022 by AEGCL. • Approval received from AIIB on 27.06.2022. • ESIA-ESMP for Transmission line will be prepared after completion and submission of the land scheduling by EPC Contractor and further approval by Revenue dept. The bidding process is under progress for the Pkg-G. • The contract for Construction of 400/220/132/33kV GIS, with transformation ratio of 400/220kV, 2x500 MVA; 220/132kV, 2x160 MVA; 132/33kV, 2x50 MVA at Rangia with associated Transmission Lines, along with bay 	<ul style="list-style-type: none"> • Rev1 CESMP report prepared and submitted to AIIB on 04.06.24. Comments/observation/suggestion received in CESMP report from AIIB on 21.06.24. Addressing the comments and submitted to AIIB on 15th July, 2024. Approval received from AIIB on 18th July, 2024

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise
			extension works at existing 132/33kV Nalbari GSS (Package G) was awarded to M/s Shyama Power India Limited, Gurugram, India JV with M/s Stelmec Limited, Mumbai, India. The contract with M/s Shyama Power India Limited, Gurugram, India JV with M/s Stelmec Limited, Mumbai, India for Package- G was signed on 19th March, 2024.	
H	Sonapur		<ul style="list-style-type: none"> • Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). • Revised ESIA-ESMP for S/S Submitted to AIIB on 31.05.2022. • Approval received from AIIB on 27.06.2022. • ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land scheduling by EPC Contractor and further approval by Revenue dept. • Tender documents floated on 22nd December, 2023 and cancelled due to some technical reason. • The Re-Tender documents floated for Construction of 400/220kV, 2X500 MVA GIS at Sonapur(New) with associated Transmission Lines, (Package H) on 26.02.2024. Technical Tender Evaluation of the submitted tender is completed. Financial tender of the Responsive tenderer shall be opened through e-tender portal which is under progress. 	<ul style="list-style-type: none"> • Tender Technical Bid evaluation under progress.
H1	Sonapur	M/s High-Tech Eco Green Contractors LLP	<ul style="list-style-type: none"> • ESIA-ESMP for approach road to Sonapur Substation was prepared and submitted to AIIB on 19.01.2024. Approval received from AIIB on 13th March, 2024. 	<ul style="list-style-type: none"> • CESMP report of proposed approach road to Sonapur S/s is submitted to AIIB on 13th March, 2024 and approval received on 18th March, 2024.
I	Narengi Kahilipura Rangia Kukurmara Boko	M/s BLUE STAR Ltd.	<ul style="list-style-type: none"> • E&S Audit Checklist Submitted to AIIB on 28.12.2021. • Approval received from AIIB on 25.03.2022. 	<ul style="list-style-type: none"> • Updated CESMP submitted to AIIB on 31.10.2022. Approval received by AIIB on 3rd November. 2022.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise
	Nalbari			
J	Barnagar	M/s Hi-Tech JV with M/s TAL Ltd.	<ul style="list-style-type: none"> E&S Audit Checklist Submitted to AIIB on 28.12.2021. Approval received from AIIB on 25.03.2022 	<ul style="list-style-type: none"> R1 CESMP submitted to AIIB on 28.02.2022. Approval received from AIIB on 03.03.2022. R2 Updated CESMP submitted to AIIB on 10th February, 2023, approval received from AIIB on 16th February, 2023
	Panchgram			
	Agia			
	Gauripur			
	Hailakandi			
K	Moran	M/s Siddhartha Engineering Ltd	<ul style="list-style-type: none"> E&S Audit Checklist Submitted to AIIB on 28.12.2021. Approval received from AIIB on 25.03.2022. 	<ul style="list-style-type: none"> R1 CESMP submitted to AIIB on 27.04.2022. Approval received from AIIB on 10.05.2022. R2 Updated CESMP submitted to AIIB on 18th February, 2023, approval from AIIB received on 28th April, 2023.
	Dibrugarh			
	Depota			
	Golaghat			
	Rowta			
	Samaguri			
	Sarusajai			
L	BTPS (Salakati)-Dhaligaon) D/C	M/s APAR Industries Ltd.	<ul style="list-style-type: none"> As this package only involves augmentation- replacement of old existing conductors by HTLS Conductors, E&S Documents submitted on 12.01.2022. Approval on Environmental aspects received from AIIB on 13.01.2022. ESIA & ESMP report for Package - L submitted to AIIB on 01.11.2022 and approval from AIIB received on 03.11.2022. Extended ESIA-ESMP report for Augmentation of 132 kV S/C Sarusajai to Kamakhya. Transmission Line in addition to the original scope of 3 nos. Transmission Line by High temperature low sag (HTLS) conductor submitted to AIIB on 15th September, 2023 and approval received from AIIB on 11th October, 2023. Extended CESMP report for Augmentation of 132 kV S/C Sarusajai to Kamakhya. Transmission Line in addition to original scope of 3 nos. Transmission Line by High temperature low sag (HTLS) conductor submitted to AIIB on 15th December, 2023. Approval is awaited from AIIB. 	<ul style="list-style-type: none"> R1 CESMP submitted to AIIB on 27.02.2022. Approval received from AIIB on 01.03.2022 R2 Updated CESMP submitted to AIIB on 19.01.2023. Approval received from AIIB on 30th January, 2023. Preparation of Extended CESMP for augmentation of new HTLS Line is under progress. Extended/Updated CESMP report submitted to AIIB on 15.12.2023
	Kukumara-Sarusajai D/C			
	Gossaigaon-Gauripur S/C			
M	Stringing 636 KMS of OPGW	M/s Sterlite Power Transmissio	ESIA & ESMP report submitted and approved by AIIB on 28.09.2022.	<ul style="list-style-type: none"> As per the updated format of CESMP received from AIIB,

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise
	Cable Fibre optics on Station Equipments at 15 Substations	n Ltd.		report sent to AIIB on 7th September, 2022 and approved by AIIB on 13th September, 2022.

Table 6: Status of E&S Semi Annual Monitoring Report

Sl. No.	Name of the report	Status of SAMR
1	E&S Semi Annual Monitoring Report	1 st Semi Annual Monitoring Report for the period January to June, 2021 was submitted to AIIB on 30 th September, 2021 and approval received from AIIB on 6 th January, 2022 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
2		2 nd Semi Annual Monitoring Report for the period July to December, 2021 was submitted to AIIB on 21 st June, 2022 and approval received from AIIB on 9 th August, 2022 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
3		3 rd Semi Annual Monitoring Report for the period January to June, 2022 was submitted to AIIB on 12 th August, 2022 and approval received from AIIB on 17 th November, 2022 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
4		4 th Semi Annual Monitoring Report for the period July to December, 2022 was submitted to AIIB on 10 th February, 2023 and approval received from AIIB on 13.02.2023 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
5		5 th Semi Annual Monitoring Report for the period January to June, 2023 was submitted to AIIB on 29 th July, 2023 and approval received from AIIB on 8 th August, 2023 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
6		6 th Semi Annual Monitoring Report for the period July to December, 2023 was submitted to AIIB on 22.02. 2024. Approval is awaited

Assam Intra-State Transmission System Enhancement Project, Phase-1

2.2 Mobilisation of E&S resources at each level i.e. PMU, PMC, and contractors**Table 7: Mobilisation of E&S resources at each level i.e. PMU, PMC, and contractors**

Sl. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
E&S staff of Project Management Unit (PMU)						
1	Mr. DibyaJyoti Baruah	Social Specialist	M.A (Economics)	15+ years	9854339228	es.aegcl.pmu@gmail.com
2	Mr. Sukanta Bhattacharjee	Social Specialist	Master of Social Work	11+ years	7002298355	
3	Mr. Rahul Choudhury	Environmental Specialist	M. Sc Environmental Science	10+ years	9864476471	
4	Mr. Bodhaditya Roy	Environmental Specialist	M. Sc Environmental Science	7+ years	9706663284	
E&S staffs of Project Management Consultant (PMC)						
1	Mr. Khanin Baishya	Senior Social Safeguard Expert	M.A (Geography), PGD in Rural Development	24+ years	9864223185	aegcl.pmc@feedbackinfra.com
2	Dr. Sandipan Das	Senior Environmental Safeguard Expert	Ph. D – Lofe Sciences M.Tech – Civil (Env Engineering) M.Sc - Botany	21+ years	8750320755	
3	Mr. Bijit Borah	Environmental Investigation Officer	M.Tech (Material Science & Technology) B.E (Mechanical Engineering) 1-year Diploma in Health, Safety and Environment	7+ years	7002852186	
4	Mr. Subhankar Ghosh	Environmental Investigation Officer	M. Sc. (Environmental Science)	4+ years	9706229380	
5	*Recruitment under process	Environmental Investigation Officer	---	---		
6	Mr. Kaushik Das	Social Investigation Officer	Bachelor of Arts	14+ years	6001618055	
7	Mr. Nitumoni Sharma	Social Investigation Officer	Bachelor of Arts	12+ years	9864262937	
8	Mr. Rahul Gupta	Social Investigation	Bachelor of Arts	5+ years	9472736118	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
		Officer				
** Appointment is under process for remaining one Environmental Investigation Officer						
E&S staff of Engineering Procurement and Construction Contractors (as per CESMP)						
Package A (Jakhlabandha & Bihpuria)						
1	Mr. Basanta Das	EHS Officer	Diploma in Industrial Safety Engineering, Industrial Training at Fire Service Station	9+ years	8638227648	neccon@necconpower.com
2	Mr. John Tirkey	EHS Officer	Bachelor of Arts, Diploma in Fire & Safety	3+ years	7636061988	
3	**Under Recruitment	Labour Officer				
Package B (Chhaygaon & Nagaon 2)						
1	Mr. Uday Pratap Singh	EHS Officer	M. Sc, Zoology (Diploma in Industrial Occupational Health Safety Environment and Pollution)	3 + years	9997188019	site.chaygaon@gmail.com site.nagaon@gmail.com
2	Mr. Ajit Kumar	EHS Officer	Diploma in Electrical Engineering, PGD in Industrial Safety	7+ years	7039380677	
3	**Under Recruitment	Community consultation Officer	-	-	-	
Package C (Burhigaon)						
1	Mr. Pankaj Cutia	EHS Officer	Diploma in Fire & Safety	3+ Years	9957849923	dn.bhattacharya@selindia.net
2	Mr. Gautam Bezbaruah	Community Consultation Officer	Bachelor of Arts	1+ Year	9387491756	sk.bhanja@selindia.net
Package D (Khumtai)						
1	Md Rafi Ahmed	EHS Officer	P.G. Diploma in Industrial Fire & Construction Safety Management	4+ years	8340662457	
2	**Under Recruitment	Community Consultation Officer	-	-	-	
Package E (Shankardevnagar & Agomani)						
1	Mr. Imran	EHS Officer	Diploma in	14+	7979700198	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
	Ansari		Mechanical Engineering, Diploma in Industrial Safety management	years		sagnikb@godrej.com dgarai@godrej.com bhaktas@godrej.com
2	Md. Prince Ansari	EHS Officer	M. Sc. In Physics, Diploma in Industrial Safety management	9+ years	8072101664	
3	Mr. Dharmveer Kumar Sharma	E&S Officer	BSc in Chemistry Diploma in Industrial Safety Management Diploma in Fire Safety Management and Diploma in Environmental Engineering Management	17+ years	6376219569	
Package F (Gohpur)						
1	Mr. Ankush Kumar (as per approved CSMP). However, he is not available at site.	EHS Officer	B. Tech in Electrical and Electronics Engineering (6 Months EHS training at NTPC, Dadri)	11+ Years	9129675727	sumajaprojects@gmail.com singharun0031@gmail.com
2	**Under Recruitment	Community Consultation Officer	-	-		
Package G (Rangia-Kumarikata)						
1	Mr. Ramjan Ali	EHS Officer	Diploma in Fire & Safety Engineering	3+ Years	6003352013	guwahati@shyamapower.com
2	**Under Recruitment	Community Consultation Officer	-	-	-	
** After repeated communication to all EPC contractors through letter and e-mail for deployment of vacant E&S staffs. But till the reporting period, the EPC contractors has not yet deployed the vacant position of E&S staffs..						
Package H: Bidding under process						
Package H1: Sonapur Approach Road						
1	Mr. Vidya Nand Yadav (as per approved)	Health & Safety Specialist	B.E Fires Safety	6 + Years	-	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
	CSMP). However, he is not available at site.					hitech.construct@gmail.com
2	Anasua Nag Nayak (as per approved CSMP). However, he is not available at site.	Environmental Specialist	M.Tech – Environmental Engineering	21+ Years	-	
3	Mr. Hiramoni Nayak (as per approved CSMP). However, he is not available at site.	Social Specialist	M.A in Social Works	9 + Years	-	
Package I						
1	Mr. Bibhas Kumar Sen	EHS - Regional Manager	B Tech + MBA in HSE	11+ Years	7044066770	rakeshmanna@bluestarindia .com bibhaskumarsen@bluestarindia .com
2	Mr. Ritanandan Bairi	EHS Engineer	Diploma in Civil and Diploma in Industrial Safety and NEBOSH certified	11+ Years	7980680278	
Package J						
1	Mr. Debajit Goswami	EHS officer	Bachelor of Engineering (Chemical)	21+ Years	9864031458	kaushikpatni0307@gmail.com
2	Mr. Pankaj Boruah	EHS Supervisor	Fire and safety diploma	3+ years	7086885861	
3	Ms. Devyani Sarma	Social officer	Master of Social Work	4+ years	8486993047	
Package K						
1	Mr. Imran Alam	Safety officer	Diploma from NIBOSH in safety	13+ years	9279396999	dn.bhattacharya@selindia.net sk.bhanja@selindia.net
2	Mr. Subrat Panigrahi	Social officer	Master in Social Science	21+ years	9437015019	
Package L						
1	Mr. Saurabh Kumar Singh	Environment, Health and safety officer	Diploma & Graduate	7+ Years	8882201522	smukatinath.kumar@apar.com, shiv.yadav@apar.com
2	Under Recruitment	Social Officer	-	-	-	
3	Mr. Sanad Ghosh	Safety Supervisor	Diploma	5+ Years	6371237665	
4	Mr. Habibur	Safety	Diploma	5+ Years	9341694992	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
	Rahman	Supervisor				
Package M						
1	Mr. Satyam Raj	EHSO	Graduate, one-year Diploma in EHS and IOSH	5+ Years	9304417172	subhajit.bera@sterlite.com, parikshit.roy@sterlite.com
2	Mr. Ikramul Hoque	Safety Officer	Graduation in Arts Diploma in Fire and Safety Management	5+ Years	9731529749	
3	Mr. Dipak Kumar	Safety Officer	BSc Diploma in Fire and Safety Management	5+ Years	6005623236	
4	Md. Fatik Ahmed	Safety Officer	BSc, Diploma in Industrial Safety Management	11+ years	8651327704	

2.3 Compliance with Applicable Regulations/Standards

Table 8: Compliance with Applicable Regulations/Standards

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
1.	The Environmental (Protection) Act. 1986, and the Environmental (Protection) Rules, 1987-2002 (Various Amendments)	Consent for utilization of water from Central Ground Water Board (CGWB), if any, to use groundwater for the sub-project. Consent to Establish (CTE) and Consent to Operate (CTO) for construction camps, Crusher, Batching Plant (if any) Hot Mix Plant (HMP), if any for implementation of	Being Complied	The ground water of Existing facility of AEGCL/APDCL (AEGCL sister concern) is being used for construction purposes. Permission for additional water sources will be obtained by the EPC contractor. Construction camps have been established within existing AEGCL premises. CTE/CTO of Crusher is being submitted by EPC contractors (for sample Refer Appendix – 4 & 5) Mixture machine is being used for concreting. Relevant documents are being submitted by EPC contractors.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
		the Project		
2.	The EIA Notification, 2006 and subsequent Amendments	Project-associated activities like quarry operation (if any) for the project will require prior Environmental Clearance. (Note: The construction of the substation and Transmission Line (T/L) of the project does not come under the Purview of EIA Notification 2006 and its subsequent Amendments).	Being Complied	Environmental Clearance related to quarry operation is being submitted by EPC contractors (sample for Reference is Appendix – 6).
3.	Wildlife Protection Act, 1972	Wildlife Clearance	N/A for S/S locations. For T/L, assessment will be done in due course of time.	If any T/L is located close to any protected area, the assessment of the same will be conducted during preparation of ESIA-ESMP of particular package of the T/L.
4.	Forest(Conservation) Act, 1980 and subsequent Amendments	Forest Clearance	N/A for S/S locations. Approx. 3.20 km length (14.28 Ha) of T/L of package H is passing through the forest land (Aprikola RF), for which the Forest Clearance process is under progress. For other T/L, assessment will be done in due	Forest clearance for T/L of package H (Sonapur) is under process. Meanwhile, the registration in the MOEFC portal is completed for online submission and the online application for forest clearance has been submitted vide proposal no. FP/AS/TRANS/411353/2022 on 19 th Dec'22. As per the new guidelines of PARIVESH 2.0 the 1 st Project Screening Committee (PSC) meeting was held by Nodal Officer (FC Act), PCCF on 25.01.2023 and some queries were received. Reply to these queries already submitted

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
			course of time.	<p>to PCCF. The 2nd PSC meeting was held by Nodal Officer (FC Act), PCCF on 2nd June, 2023 and the committee had apprised that as there are no further quarries/issues in the said proposal, hence forwarded to the DFO level (Part II) for further processing. Form-A Part-IV of the proposal will be recommended and approved by the State Secretary, Dept. of Environment and Forest, GoA after careful examination of the proposal. The proposal is under process at the State Secretary level.</p> <p>*After approval from the State Secretary, Dept. of Environment and Forest, GoA, the proposal will be forwarded to the Integrated Regional Office, MoEF&CC, Guwahati office (Form A Part V) for recommendations and In-Principle approval.</p> <p>The Regional Empowered Committee (REC) meeting was held at RO, MoEF&CC, Shillong. Queries (8nos) sought by IRO on 14.11.2023 to the State Govt followed by NO, FC Act, Aranya Bhawan.</p> <p>All the replies by User agency (AEGCL) and NO cum PCCF have submitted on 30.11.2023 to the State Govt.</p> <p>The report has been forwarded from State Govt to IRO, Guwahati, MoEF&CC on 08.12.2023. RO, MoEF&CC, Shillong organised REC meeting on 19.12.2023 for the issuance of In-Principal Approval.</p>

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
				<p>"In-Principle Approval/Stage- I" clearance has been issued by Central Government (IRO, MoEF&CC, Guwahati) vide letter F. No. 3 AS C 188/2023/GHY/5155-56 dated 30.01.2024 for diversion of 17.195 Ha forest land for '400 KV S/C LILO Silchar-Byrnihat Transmission line' in West Aprikola Reserved Forest under Kamrup East Division, Basishta, Guwahati (14.28 Ha) in favour of AEGCL.</p> <p>Also, as an initial part of Stage-II approval, E-Payment process has also been completed by AEGCL as per the demand notice issued by DFO, Kamrup East Division, Basishta for Rs. 6,38,94,603.00 (Rs. 5,34,75,093.00 + 1, 04, 19,510. 00). AEGCL has made the payment to the CAMPA account through RTGS. Other required processes for the final approval/Stage II approval are under process. Tree cutting permission is received on 22.05.2024 from CCF/NO(FC Act) Appendix 13.</p>
5.	Ancient Monuments and Archaeological Sites & Remains Act 1958	Clearance from the Archaeological department	N/A for S/S locations. For T/L, assessment will be done in due course of time.	N/A for S/S locations. For T/L if any Archaeological site identified during assessment for ESIA – ESMP preparation, clearance from Archaeological department will be obtained as per requirement.
6.	The Water (Prevention and Control of Pollution) Act, 1974	Permission from CGWB for utilization of water from the ground, if any, for the sub-project.	Being Complied.	The ground water of the Existing facility of AEGCL/APDCL (AEGCL sister concern) is being used for construction. Permission for additional water sources will be

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
		No Objection Certificate (NOC) for release of sewage from construction camps etc. from State Pollution Control Board (SPCB).		obtained by the EPC contractor. Construction camps have been established within existing AEGCL premises. NOC for release of sewage from construction camps etc. from the State Pollution Control Board (SPCB). Documentation for the same is under process and will be shared in next reporting period.
7.	The Air (Prevention and Control of Pollution) Act, 1981	Consent to Establish (CTE) and Consent to Operate (CTO) for Crusher, Batching Plant (if any), HMP (if any) for implementation of the project Ambient Air Quality Standards (AAQS) to be followed and records are to be maintained.	Being Complied	CTE/CTO of Crusher is being submitted by EPC contractors (Refer Appendix – 4 & 5). Mixture machine is being used for concreting. Relevant documents are being submitted by EPC contractors.
8.	Noise Pollution (Regulation and Control) Act, 1990 and subsequent Amendments	Ambient Noise Level to be monitored & followed and record to be maintained.	Being Complied	Fitness certificate/ PUC certificate of vehicles, equipment, machinery are being submitted by EPC contractors (sample Annexed in Appendix – 9).
9.	Wetlands (Conservation and Management) Rules, 2017	Clearance for Wetland	N/A for S/S locations. For T/L, assessment will be done in due course of time.	Clearance for Wetland may trigger if any T/L falls in notified Wetland and the same will be obtained as per requirement.
10.	Assam (Control of Felling & Removal of trees from Non- Forest Land) Rules, 2002	Felling & Removal of trees from Non- Forest Land	Being Complied	Permissions are being obtained for S/S (sample given as Appendix - 8). For T/L Felling& removal of trees from non-forest land will be obtained before construction where ever required.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
11	The Motor Vehicle Act, 1988 and subsequent Amendments	Pollution Under Control (PUC) certificate from State Transport Department and SPCB for Construction Vehicles, Machineries and Equipments.	Being Complied	Fitness certificate/ PUC certificate of vehicles, equipment, and machinery are being submitted by EPC contractors (sample Appendix -9).
12	Solid Waste Management Rules, 2016	Generation of Solid Waste during project implementation.	Being Complied	At present, EPC contractors dispose of solid waste as per the suggestion of the Local Authority.
13	Construction and Demolition Waste Management Rules, 2016	Generation of Construction and Demolition Waste during project implementation.	Being Complied	Very less amount of C&D waste was generated in package A (Jakhlabandha) C (Burhigaon) and E (Shankardevnagar). EPC contractors used the C&D waste for access road construction.
14	Plastic Waste Management Rules, 2016	Generation of Plastic Waste during project implementation.	Being Complied	At present, EPC contractors dispose of solid waste as per the suggestion of the Local Authority.
15	Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016	Generation of Hazardous and Other Wastes as per (Management & Transboundary Movement) Rules, 2016, if any during project implementation.	N/A at the current stage of the project.	EPC contractor will submit the compliance of the same (if any) as per requirement.
16	E-Waste Management Rules, 2016	Generation of E-Waste during construction	N/A at the current stage of the project.	EPC contractor will submit the compliance of the same (if any) as per requirement.
17	Batteries (Management and Handling) Rules,	Generation of battery waste during	N/A at the current stage of	Batteries wastes will be disposed of as per requirement in due

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
.	2001	project implementation	the project.	course.
18	The Building & Other Construction Workers (BOCW) (Regulation of Employment & Conditions of Service) Act, 1996	Regulation of Employment & Conditions of Service during project implementation	Being Complied	EPC contractors submitted relevant documents along with CESMP reports.
19	The Right to Fair Compensation and Transparency in Land Acquisition (LA), Rehabilitation and Resettlement Act, 2013 both incorporated by Gol and GoA.	LA Regulation and Rehabilitation and Resettlement (R&R) Act, 2013 has been followed at the time of the Direct Purchase of Land based on mutual consent between the Landowner and the requiring Body PMU (AEGCL).	In major areas where the substations are located, the land belongs to AEGCL or is transferred from APDCL or other Govt. (Kash land. The land that is purchased by AEGCL has followed the Rules and Regulations as per the Act.	The land purchase/ acquisition process is completed.
20	The Scheduled Tribes (STs) and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006	Consent from the STs and Other Traditional Forest Dwellers, if any, and impact observed on them.	N/A for S/S locations. Approx. 3.20 km length (14.28 Ha) of T/L of package H is passing through the forest land (Aprikola RF), for which FRA will be done as per requirement. For other T/L, assessment will be done in due	Requirement of consent may trigger if any T/L involved any impact on the STs and Other Traditional Forest Dwellers as per (Recognition of Forest Rights) Act, 2006 and the same will be obtained as per requirement.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
			course of time.	
21	Electricity Act, 2003	The objectives of the Act are to consolidate the laws relating to the generation, transmission, distribution, trading and use of electricity and generally for taking measures conducive to the development of the electricity industry, promoting competition therein, protecting the interest of consumers and supply of electricity to all.	Being complied	Location, design and related documents including ESIA are being structured as per the requirement of the Electricity Act, 2003.
22	Ministry of Power (MoP) guidelines dated 15 th October 2015 for payment of compensation toward Temporary damages regarding ROW.	During the Power Ministry conference held on April 9 -10, 2015 at Guwahati it was decided to constitute a committee. The recommendations laid down by the committee are formulated in the form of the following guidelines for determining the compensation towards the damages as stipulated in section 67 and 68 of the	NA at the current stage.	The Process of giving compensation to the PAFs starts after the finalization of the land owner identification reports of the respective Transmission Line by the concerned Revenue Circle. Moreover, the area of the land that needs to be acquired should be submitted to the concerned Revenue Circles for the preparation of the necessary compensation proposal.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
		<p>Electricity Act, 2003 read with section 10 and 16 of the Indian Telegraph Act, 1885, Compensation @ 85% of Land Value as determined by the District Magistrate based on Circle rate/ Guideline Value and Stamp Act rates for Tower base area (between four legs).</p> <p>Land compensation in the width of ROW is subject to a maximum of 15% of Land Value as determined based on Circle rate, Guideline value and Stamp Act, rates.</p> <p>In case of loss of trees and crops a 60-day advance notice is to be issued to the legal Cultivator for the standing crops prior to damage. Compensation for the cultivator for the crop based on the market rate fixed by the Forest / Horticulture Department and 8 years' income in case of fruit-bearing</p>		

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
		tree and the timber wood tree to be compensated at the rate of the market price.		
23	The Antiquities and Art Treasures Act, of 1972 and the Indian Treasure Trove Act, of 1878, Amended in 1949.	If a sudden encounter with anything valuable at any stage of the project cycle.	Being Complied	EPC contractors comply with the same as per requirement.

3.0 Compliance with Environmental and Social Covenants from the AIIB Loan Agreement

Table 9: Compliance with Environmental and Social Covenants from the AIIB Loan Agreement

Schedule #, Para. #	Covenant	Compliance Status	Remarks
Schedule 2, Section I, C, 2	Ensure ongoing Project compliance with ESMPF and Resettlement Policy Framework (RPF)	Being Complied	<p>There are 7 packages {Pacakage A, B, C, D, E, G, H for 10 new substations in 400kV, 220kV and 132kV voltage level along with the associated (332.945 km) transmission lines (TL)},</p> <p>Conversion of one no. of existing AEGCL S/S (132/33kV Gohpur) from AIS to GIS (Package F).</p> <p>Augmentation of 186 km of transmission line (restringing of One Single Circuit (S/C) line and two Double Circuit (D/C) line) by High Temperature Low Sag (HTLS) conductors (Package L).</p> <p>Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines and substation equipment at substations (Pacakage M).</p> <p>ESIA-ESMP for substation of above 9 packages and Package-M has been approved by AIIB. ARAP for 3 substation i.e. Bihpuria (Package-A), Nagaon (Package-B) and Rangia/Kumarikata (Package-G) has been approved by AIIB.</p> <p>There are 3 Augmentation packages {18 existing substations (replacement of old transformers with new transformers)}, for which E&S Audit Checklist has been approved by AIIB.</p> <p>Preparation of draft ESIA-ESMP for the Construction of Approach Road for 400/220/132kV Substation at Sonapur is under progress.</p> <p>Preparation of draft ESIA-ESMP for three Transmission lines of Khumtai S/s under Package –D is under progress.</p>

Assam Intra-State Transmission System Enhancement Project, Phase-1

4.0 Compliance with the Civil Work Contract Agreement

The following activities with regard to the Contract have been done during the reporting period.

Table 10: Compliance with the Civil Work Contract Agreement

Schedule #, Para. #	Relevant EHS Clauses	Compliance Status	Remarks
Contract Agreement	Appendix 3 - Insurance requirement	Complied	Copies / renewed copies of Work Men Compensation Policy and Erection All Risk Policy has been submitted by EPC contractors.
	Appendix 7 - List of documents for approval and review (Sl. No. 3, HSE plan as per bid document)	Complied	CESMP for all packages have been approved.
	Appendix 9 - Price Schedule (Schedule 4: Installation, ESMP and other services)	Being complied	EPC contractors are following ESMP requirements.
Volume - I, Tender Document	Part II - Requirements Section 6 (Employers/personal requirements) & Section 7 - General Condition of Contracts Sl. No. 22.2 - Engagement of staff and labour	Being Complied	ESHS officers of all active packages are on board. Community Consultation officers of package B, C, E and H1 are on board. Community Consultation officers of package A, D and F are not deployed till the reporting period.
	PART III - Conditions of Contract and Contract Forms Section 7 - General Condition of Contracts Sl. No. 9.8 (Protection of Environment)	Being Complied	The Contractor has taken all possible steps to protect the environment (both on and off the Site). Pre-Monsoon EQM test has not been conducted as per approved CESMP.
	Section 7 - General Condition of Contracts Sl. No.-33 - Loss of or Damage to Property; Accident or Injury to Workers; Indemnification	Complied	No Loss of or Damage to Property has been informed in the reporting period. No major accident or incident has been reported during this reporting period, However, Minor Injury to Workers has been reported and recorded.
	Section 8 - Special Conditions of Contract 9.8-Environmental and social risk mitigation	Being Complied	The Contractor has taken all possible steps to protect the environment (both on and off the Site). A multi-tiered Grievance Redress Mechanism (GRM) has been established, widely publicized and is accessible, transparent, and effective in addressing complaints from all stakeholders.
	Section 8 - Special Conditions of Contract under 22.2.5- Working Hours 22.2.7-Health and Safety	Being Complied	Being followed as per prevailing Labour Laws in the State of Assam. Being followed as per

Assam Intra-State Transmission System Enhancement Project, Phase-1

Schedule #, Para. #	Relevant EHS Clauses	Compliance Status	Remarks
			requirement.
Volume – II, Tender Document	CHAPTER 2: INFORMATION TO BIDDERS (ITB) Sl. No. 2.6.5 - Dismantling of the existing structures of Existing erected transmission system and transportation of these materials to designated location as provided by the employer. Includes necessary labour, loading, unloading works and hiring of machinery (such as cranes etc.),	Being complied	Will comply for T/L, if any.
	CHAPTER 4: PROJECT IMPLEMENTATION (GENERAL CONDITIONS) 4.1 Responsibility of contractor 4.13 Training 4.14 Erection at Site and Accommodation 4.15 Site Construction Supplies 4.16 Supervision and Checking of Work on Site 4.18 Compliance with Regulations 4.19 Maintenance and Clearing of Site 4.20 Protection of Monuments and Reference Points	Being Complied	Measures as per approved CESMP are being followed by EPC contractors.
	CHAPTER 5: LAND DEVELOPMENT AND ASSOCIATED CIVIL WORKS 5.1 General (excavation, de watering, carriage of excavated earth etc.) 5.4 Site clearance 5.6 Excavation and backfill 5.7 Site preparation and earth filling 5.14 Sewage system & storm water drain 5.19 Interfacing (fixing of lighting fixtures etc.) 5.20 Water supply 5.23 Statutory rules 5.24 Landscaping, garden & plantation 5.25 Rainwater harvesting	Being Complied	Measures as per approved CESMP are being followed by EPC contractors.
	CHAPTER 7: GENERAL TECHNICAL CLAUSES FOR DESIGN 7.4. Health, safety and environment (HSE) plan 7.5 Progress reporting 7.19.6. First-aid and general hygiene 7.19.8. Materials handling and storage 7.19.9 Construction management 7.19.10 Field office records 7.19.11 Protection of property and contractor's liability 7.22 Fire precautions 7.26 Runway beams, eye bolts and lifting tackle 7.27 Earthing system	Being Complied	Measures as per approved CESMP are being followed by EPC.
	CHAPTER 16: TECTECHNICAL SPECIFICATION FOR GIS EQUIPMENTS AND EOT CRANES	Complied for the packages	SF6 Gas are being stored as per standard and manufacturer

Assam Intra-State Transmission System Enhancement Project, Phase-1

Schedule #, Para. #	Relevant EHS Clauses	Compliance Status	Remarks
	16.3.1.11 - SF6 Gas 16.3.2.10 - Tools	in which GIS equipment along with SF6 gas, leakage detector and analyser procured.	guidelines. Tools for gas leakage detector and analyser.
	CHAPTER 24: TECHNICAL SPECIFICATION FOR DG SET	Not Arises at this stage	

- **Note:** Check Survey report has been approved as per latest approved tower spotting data for LILO of 132kV Rowta-Sipajhar under Pkg -C and Check survey completed for 42 km out of 60km for 132 kV Khumtai - Sarupathar line under Pkg-D during the reporting period. Moreover, Check survey report submitted for approval for 220KV Shankardevnagar (AEGCL-New) - Misa (AEGCL-Existing) D/C Line under Pkg-E during the reporting period.
- Relevant EHS Clauses and compliance for Transmission line will be updated in upcoming ESMR.

5.0 Compliance with Environmental and Social Management Plan

Following are the Key issue/ gaps observed and suggested corrective action

Table 11: Key issue/ gaps observed and suggested corrective action

Sl. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
1.	Copies of permissions / consents related to the updated Erection All Risk Policy, Workmen's Compensation Policy and Labour License etc. are being submitted by EPC contractors.	EPC contractors of all packages are suggested to comply all requirements of approved CESMP.	EPC contractors	At the earliest before expiry date of permissions / consents
2.	Check Survey report has not been submitted / approved as per latest approved tower spotting data for for all packages except package -C.	EPC contractors of all packages are suggested to submit check Survey report for approval.	EPC contractors	At the earliest for preparation of ESIA-ESMP for T/L.
3.	The ROW permission / approval for the three routes of Pkg -G is under process.	Need to expedite	AEGCL	At the earliest
4.	Re - survey of landowner identification for T/L of all packages shall be carried out jointly in all the Transmission Lines with concerned Circle Offices to finalize the land scheduling report.	Communication with concerned Circle Offices need to be expedite.	AEGCL, PMC and EPC contractors	At the earliest
5.	Permission of RoW for package -B (Nagaon 2 substation) is awaited from District Authority.	Needs to follow up with the District Authority	PIU/PMC	At the earliest
6.	For the RoW permission of Pkg - H, the joint verification conducted by the Lat Mandals of the Sonapur Revenue Circle is in progress. During the reporting period, the verification process has been completed for approximately 9 km out of the total 19 km route that traverses various villages, to assess the current status of land in these	Need to expedite	AEGCL	At the earliest

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
	villages and is a crucial step in securing the necessary RoW permissions for the project.			
7.	EPC contractors are suggested to submit all the relevant permissions / consents related to borrow earth for filling works from the competent authority (Forest/ Revenue Department) for all the active contract packages except Package-A (Bihpuria S/s)	All EPC contractors are suggested to submit all the relevant permissions / consents related to borrow earth for filling works from the competent authority (Forest/ Revenue Department)	EPC contractors	At the earliest before earth filling activity.
8.	Health check-up program organized by EPC contractors (Package A, B, C, D & E) during the reporting period except package- F & G.	All EPC contractors are suggested to conduct Health check-up program without fail.	EPC contractors	Before next reporting period.
9.	The EPC contractor of package - A, B, C, D, E & F has not conducted the pre-monsoon EQM test as per approved CESMP during the reporting period.	All EPC contractors are suggested to conduct post-monsoon EQM test without fail.	EPC contractors	Before next reporting period.
10.	<ul style="list-style-type: none"> • E&S Monthly Progress Report of all packages has not submitted except package - A and E. • Compliance report of PMC's Monthly Site Visit Observations has not submitted by all packages except package -E. 	EPC contractors of all packages are suggested to submit E&S Montly Progress Report and also submit the compliance report of PMC's Monthly Site Visit Observations on regular basis without fail.	EPC contractors	<p>Within 10 days of reporting month.</p> <p>Within 10 days of receiving of observation from PMC.</p>
11.	Deployment against the vacant E&S position in the respective project location / site specially the Community Consultation Officer are yet to complete by EPC contractors except package – E.	EPC Contractor as per contract immediately recruits against the vacant E&S position in the respective project location / site specially the Community	EPC contractors	At the earliest (within 10 days of succeeding the reporting).

Assam Intra-State Transmission System Enhancement Project, Phase-1




Sl. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
		Consultation Officer, with immediate effect for Transmission Line works.		
12.	Need to obtain various government rates for compensation of crop.	All respective PIU officials of AEGCL needs to communicate to all stockholders / departments for obtaining various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.	AEGCL / EPC contractors	At the earliest
13.	Need communicate for obtaining statutory clearance from Railway crossing, NHAI, PTTC Power Grid etc.	PIU to communicate with the concerned departments for obtaining statutory clearance if any is required, such as Railway crossing, NHAI, PTTC Power Grid etc.	AEGCL / EPC contractors	At the earliest
14.	Display of work - related signboard, sufficient numbers of PPE kits and proper labour facilities needs to be provided by all the EPC contractors in their respective packages.	EPC contractors are suggested to ensure that work-related signboard is to be displayed in all project sites, sufficient numbers of PPE kits need to be provided in all project sites and proper labour facilities are also to be provided in their respective packages.	EPC contractors	At the earliest (within 10 days of succeeding the reporting).
15.	Need to filling up all the necessary work related E&S checklists.	EPC contractors are suggested to filling up of work-related E&S checklists regularly in all	EPC contractors	Activity wise / weekly / fortnightly / monthly

Assam Intra-State Transmission System Enhancement Project, Phase-1


Sl. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
		the ongoing working sites.		
16.	Need to comply with proper housekeeping, proper drainage facilities / waste management facilities at all substation sites.	EPC contractors of all packages are suggested to comply all requirements.	EPC contractors	At the earliest (within 10 days of succeeding the reporting).
17.	Grievance redressal mechanism training at respective project site need to be conduct on regular basis.	Regular training need to be conducted at all project site	AEGCL / PMC	Before next reporting period
18.	Requirement of meeting with EPC Contractors on E&S aspects.	Monthly review meeting on E&S aspects need to be arranged by EPC contractors.	EPC contractors / AEGCL / PMC	Monthly

Assam Intra-State Transmission System Enhancement Project, Phase-1



Following are the key findings noted during the reporting period

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
A	Jakhlabandha S/S	M/s NECCON Power & Infra Ltd	Substantially complied	Workers are partially equipped with PPEs and not use safety belt in the month of January, 2024.	Provide adequate PPE to workers immediately.		Complied within a day as instructed in the proposed corrective action
				Housekeeping is not maintained properly around the substation area in the month of January, 2024.	Housekeeping need to be maintained at labour camp area and site office room as soon as possible.	 	Complied within two days as instructed in the proposed corrective action.




Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Potable water filter damages at the workmen camp in the month of February, 2024.	Provide new potable water filter at labour camp immediately.		 <p>Complied within three days as instructed in the proposed corrective action</p>
				The community consultation officer for transmission line work is not yet appointed by EPC contractor at site in the month of April, 2024.	The community consultation officer for transmission line should be recruited immediately by EPC contractor and treat the matter as utmost priority.		After repeated communication to EPC contractor, the proposed corrective action is not copied in this reporting period.

Assam Intra-State Transmission System Enhancement Project, Phase-1


Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Public complaint box damage in the month of May, 2024.	Provide new complain box at site immediately.		Complied within one week as instructed in the proposed corrective action.
				Medical health check-up for the labourers has not been done in the month of May, 2024.	Medical health check-up for labors need to be done as soon as possible.		Health check up was not conducted in this reporting period.
	Bihpuria S/S			LPG cylinder is empty in the labour camp in the month of January, 2024.	Refill LPG cylinder in the labour camp as soon as possible.		Complied within one week as instructed in the proposed corrective action

Assam Intra-State Transmission System Enhancement Project, Phase-1



Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Housekeeping is not done properly around the substation area in the month of January, 2024.	Housekeeping need to be done around the substation area.		Complied within two days instructed in the proposed corrective action
				Barricading not done properly around the steel yard area in the month of January, 2024.	Barricading need to be done around the steel yard area		Complied within one day instructed in the proposed corrective action
				Medical health check-up was not conducted for newly appointed workers in the month of March, 2024.	Need to conduct a medical health check-up for newly appointed workers immediately.		
				The community consultation officer	The community consultation officer for		
							Complied in the month of June, 2024 as instructed in the proposed corrective action
							After repeated communication to EPC contractor, the proposed corrective

*OFFICIAL USE ONLY




Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				for transmission line work is not yet appointed by EPC contractor at site in the month of march, 2024.	transmission line should be recruited immediately by EPC contractor and treat the matter as utmost priority.		action is not copied in this reporting period.
				EHS officer was not available at site since last one month in the month of March, 2024.	PMC instructed EPC contractor er would to make available of EHS officer at site as soon as possible.		Complied in the month of April, 2024 instructed in the proposed corrective action.
				Fire extinguisher date is expired in the month of May, 2024.	Need to refill the fire extinguisher as soon as possible.		Complied within four days as instructed in the proposed corrective action



Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
B	Nagaon S/S	RS infra project Pvt.Ltd	Substantially complied	Potable water facility is not provided to the new workmen camp in the month of January, 2024.	Need to Provide potable water facility in the new labour camp as soon as possible.		 <p>Complied within four days instructed in the proposed corrective action</p>
				Housekeeping not done properly at site in the month of April, 2024.	Regular housekeeping needs to be done in the excavated area immediately.		 <p>Complied within two day instructed in the proposed corrective action</p>
				The community consultation officer for transmission line work is not yet appointed by EPC contractor at site in the month of May, 2024.	The community consultation officer for transmission line should be recruited immediately by EPC contractor and treat the matter as utmost priority.		After repeated communication to EPC contractor, the proposed corrective action is not copied in this reporting period.




Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
	Chhaygaon S/S			PPEs are not provided to the new labours, despite repeated instruction in the month of January, 2024.	Instructed EPC to provide adequate PPEs to the new joined workers immediately.		Complied within one week instructed in the proposed corrective action.
				EHS officer was not available at site since first week of February, 2024.	PMC instructed EPC contractor to immediately deploy the EHS Officer.		Complied in the month of June, 2024 instructed in the proposed corrective action.
				Outer cover of the cutting machine wire gets damaged in the month of March, 2024.	The cutting machine wire should be replaced immediately.	 	Complied within one day instructed in the proposed corrective action.





Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Some excavated area in the substation area not barricaded by caution tape in the month of May, 2024.	Barricading need to done around the excavated area to prevent any accidental fall.		 <p>Complied within two days instructed in the proposed corrective action</p>
				Deployment of Community Consultation Officer for transmission line in the month of June, 2024.	Instructed EPC contractor to deploy the Community Consultation Officer immediately		After repeated communication to EPC contractor, the proposed corrective action is not complied in this reporting period.
C	Burhigaon S/S	Siddharth Engineering Pvt. Ltd	Substantially complied	Some excavated pits are not barricading around the substation area in the month of February, 2024.	Hard barricading need to done around the excavated pits of substation area.	 <p>Complied within one day instructed in the proposed corrective action.</p>	



Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Medical health check-up for the labourers has not been done in the month of February, 2024.	Need to conduct a medical health check-up for workers immediately.		 <p>Complied within two weeks instructed in the proposed corrective action.</p>
				Water filter damage in the labour camp in the month of March, 2024.	Water filter need to provide at labour camp immediately.		 <p>Complied within three days instructed in the proposed corrective action.</p>
D	Khumtai S/S	Rs. Infra Project Pvt. LTD	Substantially complied	Medical health check-up for the labourers has not been done in the month of February, 2024.	Need to conduct a medical health check-up for workers immediately.	 <p>Complied in the month of April, 2024 instructed in the proposed corrective action.</p>	




Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Dustbin not place in front of site office in the month of April, 2024.	Dustbin need to place in front of site office.		Complied wihin four days instructed in the proposed corrective action.
				PCC work on the labour camp floor was not done yet in the month of May 2024.	Labour camp floor PCC work need to be done as soon as possible.		Complied wihin one days instructed in the proposed corrective action.
				Housekeeping not done around the substation area in the month of May, 2024.	Proper housekeeping need to done around the substation area.		 <p data-bbox="1666 1331 2101 1388">Complied within three days, instructed in the proposed corrective</p>




Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed	
							action.	
				Some excavated pits are not barricading around the substation area in the month of May, 2024.	Barricading need to done around the excavated pits of substation area.			Complied within two days instructed in the proposed corrective action.
				Deployment of Community Consultation Officer for transmission line in the month of June, 2024.	Instructed EPC contractor to deploy the Community Consultation Officer immediately		After repeated communication to EPC contractor, the proposed proposed corrective action is not copied in this reporting period.	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
E	Agomani S/S	Godrej & Boyce Mfg. Co. Ltd	Substantially complied	Medical health check-up for the labourers has not been done in the month of February, 2024.	Need to conduct a medical health check-up for workers immediately.		Complied in the month of March,2024 instructed in the proposed corrective action.
				Water filter not provided to new labour gang in the month of February, 2023.	Water filter need to be provided to the new labour gang as soon as possible.		Complied within three days instructed in the proposed corrective action.
				Barricading not done around the steel yard area in the month of May, 2024.	Proper barricading need to be done around the steel yard area as soon as possible.		Complied within two days instructed in the proposed corrective action.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
	Sankardevnagar S/S			Medical health check-up for the labourers has not been done in the month of February, 2024.	Need to conduct a medical health check-up for workers immediately.		Complied within one day instructed in the proposed corrective action.
				Lighting facility not placed in front of labour camp in the month of April, 2024.	Lighting facility need to be placed in front of labour camp immediately.		Complied within five days instructed in the proposed corrective action.
					Sufficient warning signs not displayed at site in the month of June, 2024.	Need to place more caution signs at substation site.	

6.0 Compliance to Resettlement Action Plan and Tribal People's Plan (If any)

Table 12: Compliance with Resettlement Action Plan and Tribal People's Plan

Sl. No.	Abbreviated Resettlement Action Plan (ARAP) and Tribal people's plan	Compliance Status {complied; not complied; n/a at current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
1.	In this project as per the guidelines of AEGCL and AIIB the Resettlement Action Plan (RAP) / Abbreviated Resettlement Action Plan (ARAP) to be prepared in case of LA and direct purchase of land based on mutual consent between the land owner and the requiring body PMU (AEGCL), but the above process should be followed by the rules and regulations of LA Act 2013.	Being Complied	<ul style="list-style-type: none"> • ARAP report for three substations – Rangia/Kumarikata, Nagaon2 and Bihpuria S/s approved by AIIB and uploaded to the same in website. • ARAP report for T/L will be prepared for all packages after approval of land scheduling details.
2.	Provisions for Tribal People (if any) to be made according to the guideline	N/A	If triggered then TDP will be prepared accordingly.

7.0 Summary of Monitoring Results

7.1 Environmental and Social Monitoring

EPC Contractors are complying with the same as per the requirements of contract agreement under the direct supervision of PMC. Baseline data has been taken by EPC contractors and the results and analysis have been given in the respective CESMP. The analysis of the results shows that the results are within permissible limits except for Noise level from the standard commercial area in Jaklabandha, Nalbari, Depota, Samaguri and Sarusajai, which may be due to noise from the movement of vehicles passing in the road nearby the S/S. The detailed package-wise baseline data is given below. The Pre-Monsoon EQM test has not been conducted as per approved CESMP, which is a major non – compliance from all EPC contractors. However, it has been instructed to all the EPC contractor to conduct the post monsoon EQM test during the month of October to December, 2024. The details of the same are provided in **Annexure-12**.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Table 13: Package-wise Ambient Air Quality Monitoring Results

Name of Package	Name of Monitoring Station	Results (Baseline data)		Results (Data generated for pre-monsoon season 2024)		Remarks
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	
A	Bihpuria	64	28	---	---	Pre-Monsoon EQM test has not been conducted as per approved CESMP, which is a major non – compliance from all EPC contractors.
	Jaklabandha	68	27	---	---	
B	Chhaygoan	62	29	---	---	
	Nagaon 2	59	32	---	---	
C	Burhigaon	59	21	---	---	
D	Khumtai	59	32	---	---	
E	Shankadevnagar	62	26	---	---	
	Agomoni	59	28	---	---	
F	Gohpur	64.6	39.2	---	---	
G	Rangia-Kumarikata	49	26	---	---	
H1	Sonapur Approach Road	84.66	54.03	---	---	Baseline data generated during the reporting period.

Table 14: Package-wise Ambient Noise Level Monitoring Results

Name of Package	Name of Monitoring Station	Sound Parameters (dBA)				CPCB Ambient Noise Standards [Limit in dB (A) Leq]		Remarks
		Results (Baseline data) Limits in dB(A)		Limits in dB(A) / (Data generated for pre- monsoon season 2024)		Day Time	Night Time	
		Day Time	Night Time	Day Time	Night Time			
A	Bihpuria	48.7	38.4	---	---	65	55	Pre-Monsoon EQM test has not been conducted as per approved CESMP, which is a major non
	Jaklabandha	70	37.5	---	---			
B	Chhaygoan	62.8	57.1	---	---			
	Nagaon 2	40.7	35.4	---	---			
C	Burhigaon	64.8	58.4	---	---			
D	Khumtai	42.5	35.1	---	---			
E	Shankadevnagar	57.6	37.4	---	---			

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Package	Name of Monitoring Station	Sound Parameters (dBA)				CPCB Ambient Noise Standards [Limit in dB (A) Leq]		Remarks
		Results (Baseline data) Limits in dB(A)		Limits in dB(A) / (Data generated for pre- monsoon season 2024)		Day Time	Night Time	
		Day Time	Night Time	Day Time	Night Time			
	Agomoni	56.4	38.2	---	---			
F	Gohpur	64.2	44.6	---	---		– compliance from all EPC contractors.	
G	Rangia-Kumarikata	53.4	41.3	---	---		Baseline data generated during the reporting period.	
H1	Sonapur Approach Road	67.9	49.8	---	---			

Table 15: Package wise Monitoring Results of Vibration

Name of Package	Name of Monitoring Station	Results (Baseline data) Vibration (mm/ss)				Vibration Value (mm/ss)				Limits Vdb {=20 Log10 (Vm/Vr)}	Remarks
		Day Time		Night Time		Day Time		Night Time			
		Max	Min	Max	Min	Max	Min	Max	Min		
A	Bihpuria	<0.01	<0.01	<0.01	<0.01	---	---	---	---	<60	Pre-Monsoon EQM test has not been conducted as per approved CESMP, which is a major non – compliance from all EPC contractors.
	Jaklabandha	<0.01	<0.01	<0.01	<0.01	---	---	---	---	<60	
B	Chhayagon	<0.01	<0.01	<0.01	<0.01	---	---	---	---	<60	
	Nagaon 2	<0.01	<0.01	<0.01	<0.01	---	---	---	---	<60	
C	Burhigaon	<0.01	<0.01	<0.01	<0.01	---	---	---	---	<60	
D	Khumtai	<0.01	<0.01	<0.01	<0.01	---	---	---	---	<60	
E	Shankardevnagar	<0.01	<0.01	<0.01	<0.01	---	---	---	---	<60	
	Agamoni	<0.01	<0.01	<0.01	<0.01	---	---	---	---	<60	
F	Gohpur	---	---	---	---	---	---	---	---	<60	
G	Rangia-Kumarikata	---	---	---	---	---	---	---	---	<60	
H1	Sonapur Approach Road	---	---	---	---	---	---	---	---	<60	Vibration test not conducted during baseline data collection.

Table 16: Package wise Water Quality Monitoring Results

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
Bihpuria	pH	6.52	6.5-8.5	No relaxation	---	---	---	Pre-Monsoon EQM test has not been conducted as per approved CESMP, which is a major non – compliance from all EPC contractors
	Conductivity	0.068	–	–	---	---	---	
	Colour	1	5	15	---	---	---	
	Total Dissolved Solids	36	500	2000	---	---	---	
	Total Suspended solids	<10	–	–	---	---	---	
	Turbidity	4	1	5	---	---	---	
	BOD	<2	–	–	---	---	---	
	Dissolved Oxygen	5.8	–	–	---	---	---	
	Chlorides	1	250	1000	---	---	---	
	Fluoride	<0.5	1	1.5	---	---	---	
	Iron	0.08	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	–	–	---	---	---	
	Sulphates	10.3	200	400	---	---	---	
	Hardness	23.8	200	600	---	---	---	
	Nitrate	<1	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
	E.Coli	Absent	Absent	Absent	---	---	---	
	Total Coliform	Absent	Absent	–	---	---	---	
	Pesticides	BDL	–	–	---	---	---	
	Taste	Agreeable	Agreeable	–	---	---	---	
Floating Materials	Not Visible	–	–	---	---	---		
Jaklabandha	pH	6.74	6.5-8.5	No relaxation	---	---	---	
	Conductivity	0.076	–	–	---	---	---	
	Colour	1	5	15	---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
	Total Dissolved Solids	39	500	2000	---	---	---	
	Total Suspended solids	<10	–	–	---	---	---	
	Turbidity	2	1	5	---	---	---	
	BOD	<2	–	–	---	---	---	
	Dissolved Oxygen	5.2	–	–	---	---	---	
	Chlorides	1	250	1000	---	---	---	
	Fluoride	<0.5	1	1.5	---	---	---	
	Iron	0.11	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	–	–	---	---	---	
	Sulphates	12.1	200	400	---	---	---	
	Hardness	22.1	200	600	---	---	---	
	Nitrate	<1	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
	E.Coli	Absent	Absent	Absent	---	---	---	
	Total Coliform	Absent	Absent	–	---	---	---	
	Pesticides	BDL	–	Agreeable	---	---	---	
	Taste	Agreeable	Agreeable	–	---	---	---	
Floating Materials	Not Visible	–	–	---	---	---		
Chhaygaon	pH	6.57	6.5-8.5	No relaxation	---	---	---	
	Conductivity	0.17	–	–	---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
	Colour	1	5	15	---	---	---	
	Total Dissolved Solids	86	500	2000	---	---	---	
	Total Suspended solids	<10	–	–	---	---	---	
	Turbidity	1	1	5	---	---	---	
	Chlorides	9.9	250	1000	---	---	---	
	Fluoride	<0.5	1	1.5	---	---	---	
	Iron	0.13	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	–	–	---	---	---	
	Sulphates	6.8	200	400	---	---	---	
	Hardness	82	200	600	---	---	---	
	Nitrate	<5	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
	Taste	Agreeable	Agreeable	Agreeable	---	---	---	
Nagaon 2	pH	6.53	6.5-8.5	No relaxation	---	---	---	
	Conductivity	0.51	–	–	---	–	–	
	Colour	1	5	15	---	---	---	
	Total Dissolved Solids	259	500	2000	---	---	---	
	Total Suspended	<10	–	–	---	---	---	
	Turbidity	1	1	5	---	---	---	
	Chlorides	13.9	250	1000	---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
	Fluoride	<0.5	1	1.5	---	---	---	
	Iron	0.09	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	–	–	---	---	---	
	Sulphates	17.3	200	400	---	---	---	
	Hardness	64	200	600	---	---	---	
	Nitrate	<5	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
	Taste	Agreeable	Agreeable	Agreeable	---	---	---	
Burhigaon	pH	6.54	6.5-8.5	No relaxation	---	---	---	
	Conductivity	0.17	–	–	---	---	---	
	Colour	1	5	15	---	---	---	
	Total Dissolved Solids	92	500	2000	---	---	---	
	Total Suspended Solids	<10	–	–	---	---	---	
	Turbidity	1	1	5	---	---	---	
	Chlorides	14.9	250	1000	---	---	---	
	Fluoride	<0.5	1	1.5	---	---	---	
	Iron	0.15	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	–	–	---	---	---	
	Sulphates	5.5	200	400	---	---	---	
	Hardness	96.7	200	600	---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement (Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
	Nitrate	<5	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
	Taste	Agreeable	Agreeable	Agreeable	---	---	---	
Khumtai	pH	6.51	6.5-8.5	No relaxation	---	---	---	
	Conductivity	0.13	—	—	---	---	---	
	Colour	2	5	15	---	---	---	
	Total Dissolved Solids	46	500	2000	---	---	---	
	Total Suspended Solids	<10	—	—	---	---	---	
	Turbidity	2	1	5	---	---	---	
	Chlorides	6.9	250	1000	---	---	---	
	Fluoride	<0.5	1	1.5	---	---	---	
	Iron	<0.06	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	—	—	---	---	---	
	Sulphates	12	200	400	---	---	---	
	Hardness	48	200	600	---	---	---	
	Nitrate	<5	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
Taste	Agreeable	Agreeable	Agreeable	---	---	---		
Shankardevnagar	pH	6.59	6.5-8.5	No relaxation	---	---	---	
	Conductivity	0.5	—	—	---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
	Colour	1	5	15	---	---	---	
	Total Dissolved Solids	286	500	2000	---	---	---	
	Total Suspended Solids	<10	–	–	---	---	---	
	Turbidity	<1	1	5	---	---	---	
	BOD	<2	–	–	---	---	---	
	Dissolved Oxygen	5.2	–	–	---	---	---	
	Chlorides	4.96	250	1000	---	---	---	
	Fluoride	<0.5	1	1.5	---	---	---	
	Iron	0.24	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	–	–	---	---	---	
	Sulphates	32.5	200	400	---	---	---	
	Hardness	173.84	200	600	---	---	---	
	Nitrate	<1	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
	E.Coli	Absent	Absent	Absent	---	---	---	
	Total Coliform	Absent	Absent	–	---	---	---	
	Pesticides	BDL	–	Agreeable	---	---	---	
	Taste	Agreeable	Agreeable	–	---	---	---	
Floating materials	Not Visible	–		---	---	---		
Agomoni	pH	6.51	6.5-8.5	No relaxation	---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
	Conductivity	0.13	–	–	---	---	---	
	Colour	1	5	15	---	---	---	
	Total Dissolved Solids	52	500	2000	---	---	---	
	Total Suspended	<10	–	–	---	---	---	
	Turbidity	<1	1	5	---	---	---	
	BOD	<2	–	–	---	---	---	
	Dissolved Oxygen	4.8	–	–	---	---	---	
	Chlorides	3.9	250	1000	---	---	---	
	Fluoride	<0.5	1	1.5	---	---	---	
	Iron	0.16	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	–	–	---	---	---	
	Sulphates	16.2	200	400	---	---	---	
	Hardness	22.1	200	600	---	---	---	
	Nitrate	<1	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
	E.Coli	Absent	Absent	Absent	---	---	---	
	Total Coliform	Absent	Absent	–	---	---	---	
	Pesticides	BDL	–	Agreeable	---	---	---	
	Taste	Agreeable	Agreeable	–	---	---	---	
	Floating materials	Not Visible	–		---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
Gohpur	pH	7.2	6.5-8.5	No relaxation	---	---	---	
	Conductivity	0.46	—	—	---	---	---	
	Colour	NC	5	15	---	---	---	
	Total Dissolved Solids	71.2	500	2000	---	---	---	
	Total Suspended Solids	64.8	—	—	---	---	---	
	Turbidity	2.2	1	5	---	---	---	
	BOD	1.1	—	2	---	---	---	
	Dissolved Oxygen	4.4	—	6	---	---	---	
	Fluoride	0.21	1	1.5	---	---	---	
	Iron	0.16	0.3	No relaxation	---	---	---	
	Sulphates	8.6	200	400	---	---	---	
	Total Hardness as CaCO ₃	72.2	200	600	---	---	---	
	Odour	NC	Agreeable	Agreeable	---	---	---	
	Taste	NC	Agreeable	Agreeable	---	---	---	
	E.Coli	Nil	Absent	Absent	---	---	---	
	Total Coliform	Nil	Absent	Absent	---	---	---	
	Total Pesticides floating materials	BDL	-	0.4	---	---	---	
	Plastic	BDL	-	0.0005	---	---	---	
Rubber	BDL	-	0.1	---	---	---		
Corrosivity	Non Corrosive	-	-	---	---	---		

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
Rangia-Kumarikata	pH	6.22	6.5-8.5	No relaxation	---	---	---	
	Conductivity	0.097	—	—	---	---	---	
	Colour	Colourless	5	15	---	---	---	
	Total Dissolved Solids	81	500	2000	---	---	---	
	Total Suspended Solids	<10	—	—	---	---	---	
	Turbidity	<1	1	5	---	---	---	
	Chlorides	<1	250	1000	---	---	---	
	Fluoride	<2	1	1.5	---	---	---	
	Iron	0.21	0.3	No relaxation	---	---	---	
	Oil and Grease	<2	—	—	---	---	---	
	Sulphates	11.5	200	400	---	---	---	
	Hardness	48	200	600	---	---	---	
	Nitrate	<5	45	No relaxation	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
Taste	Agreeable	Agreeable	Agreeable	---	---	---		
Sonapur Approach Road	pH	6.89	6.5-8.5	—	---	---	---	
	Colour	<5.0	5	15	---	---	---	
	Odour	Agreeable	Agreeable	Agreeable	---	---	---	
	Taste	Agreeable	Agreeable	Agreeable	---	---	---	
	Turbidity	<0.5	1	5	---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
	Total Hardness as CaCO ₃	136	200	600	---	---	---	
	Calcium (Mg)	32	75	200	---	---	---	
	Magnesium (as Mg)	13.61	30	100	---	---	---	
	Chlorides (Cl)	15.65	250	1000	---	---	---	
	Iron (as Fe)	0.23	1	No Relaxation	---	---	---	
	Fluoride	0.66	1	1.5	---	---	---	
	Free Residual Chlorine	<0.1	0.2	1	---	---	---	
	Total Dissolved Solids	253	500	2000	---	---	---	
	Phenolic Compound	<0.001	0.001max	0.002 Max	---	---	---	
	Anionic Detergents (as MBAS)	<0.1	0.2	1	---	---	---	
	Sulphates	7.68	200	400	---	---	---	
	Nitrates	0.79	45	No Relaxation	---	---	---	
	Alkalinity	160	200	600	---	---	---	
	Chloramines	<0.1	4	No Relaxation	---	---	---	
	Cadmium	<0.001	0.003	No Relaxation	---	---	---	
	Lead	<0.01	0.01	No Relaxation	---	---	---	
	Total Chromium	<0.01	0.05	No Relaxation	---	---	---	
	Copper	<0.01	0.05	1.5	---	---	---	
	Total Ammonia	<0.5	0.5	No Relaxation	---	---	---	
	Sulphide	<0.05	0.05	No Relaxation	---	---	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500-2012 Requirement Acceptable Limit)	IS-10500-2012 Permissible Limit in the absence of alternate source	Results (Data generated for pre-monsoon season 2024)	Requirement Acceptable Limit	Permissible Limit in the absence of alternate source	Remarks
	Zinc	<0.1	5	15	---	---	---	
	Manganese	<0.1	0.1	0.3	---	---	---	
	Boron	<0.1	0.5	1	---	---	---	
	Selenium	<0.01	0.01	No Relaxation	---	---	---	
	Arsenic	<0.01	0.01	No Relaxation	---	---	---	
	E.Coli	Absent	Absent	Absent	---	---	---	
	Total Coliform		Absent	Absent	Absent	---	---	---

Assam Intra-State Transmission System Enhancement Project, Phase-1

Table 17: Package wise Soil Quality Monitoring Results

Name of Package	Name of Monitoring	Parameters	Results (Baseline data)	Results (Data generated for pre-monsoon season 2024)	REMARKS
A	Bihpuria	pH value (1.5)	5.76	---	Pre-Monsoon EQM test not conducted.
		Sulphite in SO ₃ in %	4.78	---	
		Chloride in mg/kg	8.4	---	
		ORP in mV	520	---	
		Water soluble salts as EC in mS/m	160	---	
		Organic matter in %	5.2	---	
		Moisture Content in %	21.56	---	
	Jakhalabandha	pH value (1.5)	6.42	---	
		Sulphite in SO ₃ in %	4.63	---	
		Chloride in mg/kg	7.6	---	
		ORP in mV	520	---	
		Water soluble salts as EC in mS/m	490	---	
		Organic matter in %	4.2	---	
		Moisture Content in %	28	---	
B	Chhaygaoan	pH value (1.5)	5.94	---	
		Sulphite in SO ₃ in %	6.1	---	
		Chloride in mg/kg	6.8	---	
		ORP in mV	532	---	
		Water soluble salts as EC in mS/m	156	---	
		Organic matter in %	4.6	---	
		Moisture Content in %	21.8	---	
	Nagaon 2	pH value (1.5)	5.84	---	
		Sulphite in SO ₃ in %	6.4	---	
		Chloride in mg/kg	7.3	---	
		ORP in mV	539	---	
		Water soluble salts as EC in mS/m	146	---	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Package	Name of Monitoring	Parameters	Results (Baseline data)	Results (Data generated for pre-monsoon season 2024)	REMARKS
		Organic matter in %	4.7	---	
		Moisture Content in %	21.5	---	
C	Burhigaon	pH value (1.5)	6.12	---	
		Sulphite in SO ₃ in %	5.4	---	
		Chloride in mg/kg	7.9	---	
		ORP in mV	490	---	
		Water soluble salts as EC in mS/m	147	---	
		Organic matter in %	4.8	---	
		Moisture Content in %	23.7	---	
		D	Khumtai	pH value (1.5)	
Sulphite in SO ₃ in %	5.8			---	
Chloride in mg/kg	6.8			---	
ORP in mV	568			---	
Water soluble salts as EC in mS/m	132			---	
Organic matter in %	4.5			---	
Moisture Content in %	34.5			---	
E	Shankardevnagar	pH value (1.5)	5.6	---	
		Sulphite in SO ₃ in %	4.63	---	
		Chloride in mg/kg	8.4	---	
		ORP in mV	490	---	
		Water soluble salts as EC in mS/m	396	---	
		Organic matter in %	3.7	---	
		Moisture Content in %	38	---	
	Agomoni	pH value (1.5)	6.4	---	
		Sulphite in SO ₃ in %	5.67	---	
		Chloride in mg/kg	8.7	---	
		ORP in mV	520	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Package	Name of Monitoring	Parameters	Results (Baseline data)	Results (Data generated for pre-monsoon season 2024)	REMARKS
		Water soluble salts as EC in mS/m	460	---	
		Organic matter in %	4.1	---	
		Moisture Content in %	29	---	
F	Gohpur	pH value (1.5)	6.8	---	
		Sulphite in SO ₃ in %	32.6	---	
		Chloride in mg/kg	28.2	---	
		ORP in mV	72	---	
		Water soluble salts as EC in mS/m	0.41	---	
		Moisture Content in %	28.4	---	
G	Rangia-Kumarikata	pH value (1.5)	6.1		Generated for baseline data during the reporting period.
		Sulphite in SO ₃ in %	5.86		
		Chloride in mg/kg	8.2		
		ORP in mV	445		
		Water soluble salts as EC in mS/m	397		
		Organic matter in %	2.1		
		Moisture Content in %	24.6		
H ₁	Sonapur Approach Road	Texture	Sandy Clay	---	Generated for baseline data during the reporting period.
		Sand	49.51	---	
		Clay	40.28	---	
		Silt	10.21	---	
		pH value (1.5)	6.92	---	
		Electric Conductivity	328.4	---	
		Potassium	159.4	---	

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Package	Name of Monitoring	Parameters	Results (Baseline data)	Results (Data generated for pre-monsoon season 2024)	REMARKS
		Sodium	242.83	---	
		Calcium	3697.89	---	
		Magnesium	382.63	---	
		Sodium Absorption Ratio	1.02	---	

Assam Intra-State Transmission System Enhancement Project, Phase-1

7.2 Capacity Building Monitoring

The details Capacity building program are provided in Table below.

Table 18: Details of Capacity building program

Sl. No.	Date	Topic of Training	Participant/ Organization	No. of Participant
1.	10.01.2024	Training on EHS&S aspects at Sankardev Nagar GIS substation.	EPC Contractor's representatives and Labour	03 09
2.	12.01.2024	Awareness program conducted on behalf of national road safety week	EPC Contractor's representatives and School Students	04 80
3.	18.01.2024	Training on EHS&S aspects at Sankardev Nagar GIS substation and awareness on GRM.	EPC Contractor's representatives and Labour	03 13
4.	19.01.2024	Training on EHS&S aspects at Khumtai GIS substation.	EPC Contractor's representatives and Labour	01 16
5.	25.01.2024	Training on EHS&S aspects at Sankardev Nagar GIS substation.	EPC Contractor's representatives and Labour	03 14
6.	03.02.2024	Training conducted on Fire fighting at Agomoni GIS substation.	EPC Contractor's representatives and Labour	03 40
7.	07.02.2024	Training on EHS&S aspects at Nagaon-2 GIS substation and awareness on GRM.	EPC Contractor's representatives and Labour	01 09
8.	07.02.2024	Training on EHS&S aspects at Khumtai GIS substation.	EPC Contractor's representatives and Labour	01 14
9.	15.02.2024	Training on EHS&S aspects at Jakhlabandha GIS substation.	EPC Contractor's representatives and Labour	01 10
10.	15.02.2024	Training on EHS&S aspects at Sankardev Nagar GIS substation.	EPC Contractor's representatives and Labour	01 12
11.	07.03.2024	Training on EHS&S aspects at Sankardev Nagar GIS substation.	EPC Contractor's representatives and Labour	2 12
12.	08.03.2024	Training on EHS&S aspects at Jakhlabandha GIS substation and awareness on GRM.	EPC Contractor's representatives and Labour	01 07
13.	13.03.2024	Training on EHS&S aspects at Nagaon-2 GIS substation.	EPC Contractor's representatives and Labour	01 11
14.	18.03.2024	Training on EHS&S aspects at Khumtai GIS substation.	EPC Contractor's representatives and	01

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Date	Topic of Training	Participant/ Organization	No. of Participant
			Labour	08
15.	30.04.2024	Training on EHS&S aspects at Nagaon-2 GIS substation.	EPC Contractor's representatives and Labour	01 13
16.	06.04.2024	Training on EHS&S aspects at Khumtai GIS substation.	EPC Contractor's representatives and Labour	03 14
17.	24.04.2024	Training on EHS&S aspects at Agomani GIS substation.	EPC Contractor's representatives and Labour	04 26
18.	30.04.2024	Training on EHS&S aspects at Sankardev Nagar GIS substation.	EPC Contractor's representatives and Labour	03 19
19.	10.05.2024	Training on EHS&S aspects at Jakhlabandha GIS substation.	EPC Contractor's representatives and Labour	02 20
20.	21.05.2024	Training on EHS&S aspects at Nagaon-2 GIS substation.	EPC Contractor's representatives and Labour	01 09
21.	02.05.2024	Training on EHS&S aspects at Burhigaon GIS substation and awareness on GRM	EPC Contractor's representatives and Labour	01 10
22.	09.05.2024	Training on EHS&S aspects at Khumtai GIS substation.	EPC Contractor's representatives and Labour	04 07
23.	31.05.2024	Training on EHS&S aspects at Sankardev Nagar GIS substation.	EPC Contractor's representatives and Labour	04 16
24.	07.03.2024	Training on EHS&S aspects at Bihpuri GIS substation.	EPC Contractor's representatives and Labour	2 06
25.	25.06.2024	Training on EHS&S aspects at Khumtai GIS substation.	EPC Contractor's representatives and Labour	03 15
26.	26.06.2024	Training on EHS&S aspects at Shankardev Nagar GIS substation.	EPC Contractor's representatives and Labour	02 14

Apart from the above, regular training to EPC contractors has been given during preparation of their respective Contractor's Environmental and Social Management plan (CESMP) including Traffic Management Plan (TMP) from January to June, 2024.

E&S training was conducted on different topics mentioned below:

1. Statutory requirement of permission/consent/clearances as per approved CESMP, ESIA – ESMP & ESMPF.
2. Detailed requirement of compliance of approved CESMP as per ESIA – ESMP & ESMPF.

3. Detailed safety requirements during the execution of civil work as per approved CESMP, ESIA – ESMP & ESMPF.
4. Detailed facilities to be provided to labour and contractors GRM process as per approved CESMP, ESIA – ESMP & ESMPF.
5. Detailed requirement of Environmental Monitoring for Ambient Air Quality, Noise Level, Water, Soil quality, Ecological and Social environment as per approved CESMP, ESIA – ESMP & ESMPF.

Grievance Redress Mechanism (GRM) training/Public awareness was conducted at filed level/project site and nearby substation sites on different topics mentioned below.

1. Overview of the Grievance Redress Mechanism,
2. Complaints that may arise during the project implementation period (Pre-Construction, During Construction and Post Construction),
3. Roles and Responsibilities of GRC Members (PIU),
4. Most common grievances and redressal and
5. How to maintain the grievance redressal mechanism Logbook.

All the above documents were provided to the Officials present in the training program and ensuring to maintain proper records on all project specific grievances for GRM.

7.3 CAPACITY BUILDING ON THE SAFETY INDUCTIONS AND MEETINGS, INCLUDING SAFETY TOOLBOX TALKS CONDUCTED DURING THE REPORTING PERIOD

Table 19: Summary of the Capacity Building on the safety inductions and meeting including TBT

Sl. No	Packages	Name of Substation	Numbers of Induction	Numbers of Toolbox Talk	Numbers of Training	Numbers of Mock Drill
1	A	Jakhalabandha	04	107	02	0
		Bihpuria	05	126	0	0
2	B	Nagaon 2	02	45	07	0
		Chaygaon	0	07	02	0
3	C	Burhigaon	0	126	07	0
4	D	Khumtai	02	32	04	02
5	E	Sankardev nagar	13	104	02	0
		Agomoni	0	134	0	0
6	F	Gohpur	Safety Officer not available at site during the reporting period.			

The details of the Capacity Building on the safety inductions and meeting including Tool Box Training are provided in **Annexure 14**.

7.4 ACCIDENT MONITORING DURING THE PERIOD OF JANUARY TO JUNE, 2024

Table 20: Summary of the accident monitoring during the reporting period

Sl. No	Packages	Name of Substation	Total numbers of accident occurred during January-June'2024
1	A	Jakhalabandha	07
		Bihpuria	13
2	B	Nagaon 2	04
		Chaygaon	04
3	C	Burhigaon	02
4	D	Khumtai	01
5	E	Sankardev nagar	02
		Agomoni	No accident reported/happened at site
6	F	Gohpur	Safety Officer not available at site during the reporting period.

The details of the accident monitoring during the reporting period are provided in **Annexure- 15**.

7.5 Highlighted Actions







- ESIA-ESMP for approach road to Sonparur Substation of Package-H₁ was prepared and submitted to AIIB on 19.01.2024. Approval received from AIIB On 13th March, 2024.
- CESMP report of proposed approach road to Sonapur S/s is submitted to AIIB and approval received on 13th March, 2024.
- 6th Semi Annual Monitoring Report for the period July to December, 2023 was submitted to AIIB on 22.02. 2024. Comment received from AIIB on 29th July, 2024. Incorporating the comments/suggestion is under progress.
- CESMP report of Rangia/Kumarikata GIS substation under Package-G prepared and submitted to AIIB on 04.06.24. Comments/observation/suggestion received in CESMP report from AIIB on 21.06.24. Addressing the comments and suggestion in the report is under progress.
- Preparation of ESIA-ESMP report for transmission lines under Package-D is in progress.
- Compliance of the CESMP is being done by EPC contractors under the direct supervision of PMC as per contract requirement.
- Approved E&S Checklist filling by EPC Contractors is under progress as per the working condition at respective project site.
- Public awareness program on Grievance Redressal Mechanism provided by PMC/EPC Contractors at Burhigaon, Jakhlabandha and Sankardevnagar Substation site.
- During the reporting period several site visits were conducted for different sites to witness environmental monitoring, monitor the Environmental, Health & Safety Standards, EHS etc.

Assam Intra-State Transmission System Enhancement Project, Phase-1

8.0 Implementation of Grievance Redressal Mechanism and Complaints Received

Role and responsibilities of the GRM is in place. The grievances received during the reporting period are mentioned in the table below.





Table 21: Status of Grievance Received and their Redressal**Public Grievances**

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Compliance Photographs
Package- A						
1	Nearest Community	Jakhalabandha S/S 07.01.2024	Dust particles level high in the Approach road	Issue resolved on the 09.01.2024	Water sprinkled done on the road side	
2	Nearest Community	Jakhalabandha S/S 24.01.2024	Dust particles level high in the Approach Road	Issue resolved on the 26.01.2024	Water sprinkled done on the road side	
3	Nearest Community	Jakhalabandha S/S 02-03-2024	Dust particles at the approach road.	Issue resolved on the 04-03-2024	Water sprinkled done on the road	
4	Nearest Community	Jakhalabandha S/S 02.05.2023	Issue of dust pollution due to movement of vehicles.	Issue resolved on the 02.05.2023	Water sprinkled done on the road	
5	Nearest Community	Jakhalabandha S/S 10.05.2023	Issue of dust pollution due to movement of vehicles.	Issue resolved on the 10.05.2023	Water sprinkled done on the road	
6	Nearest Community	Jakhalabandha S/S 16.05.2023	Issue of dust pollution due to movement of vehicles.	Issue resolved on the 16.05.2023	Water sprinkled done on the road	
7	Nearest Community	Bihpuria S/S 11.02.2024	Lots of dust particles flew on the approach road	Issue resolved on the 11.02.2024	Water sprinkled done on the road	





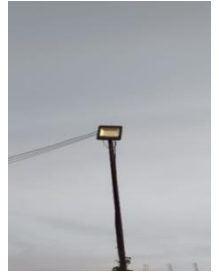
Assam Intra-State Transmission System Enhancement Project, Phase-1

8	Nearest Community	Bihpuria S/S 17.02.2024	Lots of dust particles flew on the approach road	Issue resolved on the 17.02.2024	Water sprinkled done on the road	
9	Nearest Community	Bihpuria S/S 26.02.2024	Approach road become dry and dusty	Issue resolved on the 26.02.2024	Water sprinkled done on the road	
10	Nearest Community	Bihpuria S/S 08-04-2024	Huge Dust particles flew on the air	Issue resolved on the 08-04-2024	Water sprinkled done	
11	Nearest Community	Bihpuria S/S 18-04-2024	Dust particles flew on the air	Issue resolved on the 18-04-2024	Water sprinkled done	
12	Nearest Community	Bihpuria S/S 21-04-2024	Dust particles flew on the air	Issue resolved on the 21-04-2024	Water sprinkled done	
13	Nearest Community	Bihpuria S/S 06.05.2023	Issue of dust pollution due to movement of vehicles.	Issue resolved on the 06.05.2023	Water sprinkled done	
14	Nearest Community	Bihpuria S/S 10.05.2023	Issue of dust pollution due to movement of vehicles.	Issue resolved on the 10.05.2023	Water sprinkle done to reduce the dust particle.	
15	Nearest Community	Bihpuria S/S 06.06.2024	Lots of dust particles generate near	Issue resolved on the	Water sprinkled done	




Assam Intra-State Transmission System Enhancement Project, Phase-1

			the substation	06.06.2024		
Package-B						
1	Nearest Community	Nagaon-2 S/S 07-04-2024	Dust particles at approach road.	Issue resolved on the 08-04-2024	Water sprinkled	
Package-C						
1	Nearest Community	Burhigaon S/S 15.01.2024	There are a lot of dust particles flying over the road.	Issue resolved on the 15.01.2024	Water sprinkled on the road	
2	Nearest Community	Burhigaon S/S 17.03.2024	Housekeeping need to be done on the road side area of substation	Issue resolved on the 17.03.2024	Housekeeping provided	
3	Nearest Community	Burhigaon S/S 20.05.2024	Huge amount of dust particles on the road	Issue resolved on the 20.05.2024	Water sprinkled on the road	
Package-D						
1	Nearest Community	Khumtai S/S 10.01.2024	Displayed banner is not visible form out of the site.	Issue resolved on the 10.01.2024	Banner placed properly	
2	Nearest Community	Khumtai S/S 12.01.2024	Water had accumulated on the way of the work site	Issue resolved on the 12.01.2024	Soil and sand have been sprinkled on the submerged area of the way.	

Assam Intra-State Transmission System Enhancement Project, Phase-1

3	Nearest Community	Khumtai S/S 18.01.2024	There was no dustbin in the assembly point	Issue resolved on the 19.01.2024	Dustbin Provided	
4	Nearest Community	Khumtai S/S 07.02.2024	Poor housekeeping at work palace.	Issue resolved on the 08.02.2024	Housekeeping has been done at site	
5	Nearest Community	Khumtai S/S 14.02.2024	Poor illumination at site.	Issue resolved on the 16.02.2024	Arranged proper lighting facility.	
6	Nearest Community	Khumtai S/S 18.02.2024	Water logging on the road due to the damage water pipes.	Issue resolved on the 18.02.2024	Water pipes repaired.	
Package-E						
1	Nearest Community	Sankardev Nagar S/S 26-03-2024	Poor illumination at main entrance near security booth area	Issue resolved on the 30-03-2024	Installed proper lighting facility	

Assam Intra-State Transmission System Enhancement Project, Phase-1

2	Nearest Community	Sankardev Nagar S/S 02-04-2024	Proper access not available from substation to staff guest house.	Issue resolved on the 03-04-2024	Properly access made	
3	Nearest Community	Sankardev Nagar S/S 02-06-2024	At the main gate of Sankardevnagar S/S the drainage near AEGCL security room became blocked.	Issue resolved on the 03-06-2024	Cleared the drainage blockage	
4	Nearest Community	Sankardev Nagar S/S 15-06-2024	Approach road from the security guard room to staff quarter area not repaired at Sankardev nagar.	Issue resolved on the 16-06-2024	Approach road repaired.	

Summary table showing type and level of complaints (Public Greivance)

Sl. No	Type of Greivance	Package wise grievance received	Total No	Level of Greivance
1	Issues related to Dust particles	<ul style="list-style-type: none"> • Pkg-A 15 No's (Jakhlbandha S/s - 6 nos & Bihpuria S/s - 9 nos,) • Pkg-B 1 Nos (Nagaon2 S/s -1 no.) • Pkg-C – 2 Nos. (Bhurigaon S/s 2 nos) 	18	Tier-I
2	Issues related to Housekeeping	<ul style="list-style-type: none"> • Pkg-C – 1 No. (Bhurigaon S/s 1 no) • Pkg-D – 1 No. (Khumtai S/s 1 no) 	2	Tier-I
3	Issues related to Displayed/ banner.	<ul style="list-style-type: none"> • Pkg-D – 1 No. (Khumtai S/s 1 no) 	1	Tier-I
4	Issues related to Water logging	<ul style="list-style-type: none"> • Pkg-D – 2 Nos (Khumtai S/s 2 nos) • Pkg-E – 1 No. (Sankardevnager S/s 1 no) 	3	Tier-I
5	Issues related to dustbin	<ul style="list-style-type: none"> • Pkg-D – 1 No. (Khumtai S/s 1 no) 	1	Tier-I

Assam Intra-State Transmission System Enhancement Project, Phase-1






		no)		
6	Issues related to Poor illumination.	<ul style="list-style-type: none"> • PkG-D – 1 No. (Khumtai S/s 1 no) • PkG-E – 1 No. (Sankardevnager S/s 1 no) 	2	Tier-I
7	Issues related to Proper access road	<ul style="list-style-type: none"> • PkG-E – 2 Nos. (Sankardevnager S/s 2 nos) 	2	Tier-I

Assam Intra-State Transmission System Enhancement Project, Phase-1

Labour Grievances

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
Package-A						
1	Labour (Verbal)	Jakhalabandha S/S 08.01.2024	Required Hand glove	Issue resolved on the 05.02.2024	Hand gloves Provided	
2	Labour (Verbal)	Jakhalabandha S/S 25.01.2024	Damaged Mosquito net	Issue resolved on the 11.02.2024	New Mosquito net provided	
3	Labour (Verbal)	Jakhalabandha S/S 05.02.2024	Required mosquito net.	Issue resolved on the 18.02.2024	Mosquito net provided	
4	Labour (Verbal)	Jakhalabandha S/S 10.02.2024	Damaged Hand glove	Issue resolved on the 06.03.2024	Hand gloves Provided	
5	Labour (Verbal)	Jakhalabandha S/S 17.02.2024	Damaged Hand glove	Issue resolved on the 06.02.2024	Hand gloves Provided	
6	Labour (Verbal)	Jakhalabandha S/S 04.03.2024	Damaged Hand gloves	Issue resolved on the 29.02.2024	Hand gloves Provided	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
7	Labour (Verbal)	Jakhalabandha S/S 06.02.2024	Damaged Hand glove	Issue resolved on the 26.04.2024	Hand gloves Provided	
8	Labour (Verbal)	Jakhalabandha S/S 29.02.2024	Damaged Mosquito liquid	Issue resolved on the 02.05.2024	Mosquito liquid Provide	
9	Labour (Verbal)	Jakhalabandha S/S 25.04.2024	Damaged Hand glove	Issue resolved on the 05.05.2024	Hand gloves Provided	
10	Labour (Verbal)	Jakhalabandha S/S 02.05.2024	Damaged Helmet &, Jacket	Issue resolved on the 10.05.2024	Helmet & Jacket Provided	
11	Labour (Verbal)	Jakhalabandha S/S 05.05.2024	Damaged Hand glove	Issue resolved on the 07.05.2024	Hand gloves Provided	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
12	Labour (Verbal)	Jakhalabandha S/S 10.05.2024	Damaged Safety Shoe.	Issue resolved on the 13.05.2024	Safety Shoe Provided	
13	Labour (Verbal)	Jakhalabandha S/S 06.06.2024	Required safety shoes.	Issue resolved on the 08.06.2024	Safety Shoe Provided	
14	Labour (Verbal)	Jakhalabandha S/S 11.06.2024	Required hand glove	Issue resolved on the 11.06.2024	Safety Hand gloves Provided	
15	Labour (Verbal)	Bihpuria S/S 02.02.2024	Require helmet	Issue resolved on the 02.02.2024	Helmet Provided	
16	Labour (Verbal)	Bihpuria S/S 12.02.2024	Require reflecting jacket	Issue resolved on the 12.02.2024	Provided Reflector jacket.	





Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
17	Labour (Verbal)	Bihpuria S/S 25.02.2024	Require new safety shoes	Issue resolved on the 25.02.2024	Safety Shoe Provided	
18	Labour (Verbal)	Bihpuria S/S 05.04.2024	Required reflecting Jacket	Issue resolved on the 05.04.2024	Provided Reflector jacket.	
19	Labour (Verbal)	Bihpuria S/S 07.04.2024	Required Safety shoes	Issue resolved on the 07.04.2024	Safety Shoe Provided	
20	Labour (Verbal)	Bihpuria S/S 03.06.2024	Required hand glove	Issue resolved on the 03.06.2024	Hand gloves Provided	
21	Labour (Verbal)	Bihpuria S/S 09.06.2024	Required safety shoes.	Issue resolved on the 9.06.2024	Safety Shoe Provided	
Package-B						
1	Labour (Verbal)	Nagaon-2 S/S 10-01-2024	Required nose mask	Issue resolved on the 12-01-2024	Nose mask provided	
2	Labour (Verbal)	Nagaon-2 S/S 08-02-2024	Safety helmet damaged	Issue resolved on the 09-02-2024	Safety helmet provided	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
3	Labour (Verbal)	Nagaon-2 S/S 19-03-2024	Need new good condition Gum boot for Pile casting	Issue resolved on the 21-03-2024	Provided new good condition Gum boot.	
4	Labour (Verbal)	Nagaon-2 S/S 16-04-2024	Need new good condition Safety helmet.	Issue resolved on the 17-04-2024	Provided new good condition Safety Helmet.	
5	Labour (Verbal)	Nagaon-2 S/S 21-04-2024	Need Mosquito net.	Issue resolved on the 24-04-2024	Mosquito net provided to worker.	
6	Labour (Verbal)	Nagaon-2 S/S 11.05.2024	Need new good condition Gum boot.	Issue resolved on the 13.05.2023	Provided new good condition Gum boot.	
7	Labour (Verbal)	Nagaon-2 S/S 18.05.2024	Need Mosquito net.	Issue resolved on the 22.05.2023	Mosquito net provided to worker.	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
8	Labour (Verbal)	Chhaygaon S/S 12.06.2024	Safety hamlet required	Issue resolved on the 13.06.2024	Provided a new helmet	
Package-C						
9	Labour (Verbal)	Burhigaon S/S 08-01-2024	Required Glucon-D	Issue resolved on the 09.01.2024	Glucon-D provided	
10	Labour (Verbal)	Burhigaon S/S 10.02.2024	Safety jacket required	Issue resolved on the 10.02.2024	Safety Jackets Provided	
11	Labour (Verbal)	Burhigaon S/S 08.03.2024	Safety eye glass required	Issue resolved Issue resolved on the 08.03.2024	Safety eye Glass provide	
12	Labour (Verbal)	Burhigaon S/S 12.05.2024	Glucon-D provided	Issue resolved on the 12.05.2024	Glucon-D provided	
13	Labour (Verbal)	Burhigaon S/S 16.06.2024	Safety hand Gloves Provided	Issue resolved on the 16.06.2024	Safety hand Gloves Provided	
Package-D						

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
1	Labour (Verbal)	Khumtai S/S 05.01.2024	Required reflecting jackets	Issue resolved on the 06.01.2024	Provided Reflector jacket.	
2	Labour (Verbal)	Khumtai S/S 09.01.2024	Nose musk required	Issue resolved on the 09.01.2024	Nose mask provided	
3	Labour (Verbal)	Khumtai S/S 16.01.2024	Safety shoes required	Issue resolved on the 18.01.2024	Safety Shoes provided	
4	Labour (Verbal)	Khumtai S/S 21.01.2024	Required hand gloves	Issue resolved on the 22.01.2024	Hand gloves Provided	
5	Labour (Verbal)	Khumtai S/S 10.02.2024	Lake lighting facility at working place	Issue resolved on the 10.02.2024	Provided Lighting facility at work place	
6	Labour (Verbal)	Khumtai S/S 14.02.2024	Safety shoes required	Issue resolved on the 14.02.2024	Safety Shoes provided	



Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
7	Labour (Verbal)	Khumtai S/S 18.02.2024	Required hand gloves	Issue resolved on the 18.02.2024	Hand gloves Provided	
8	Labour (Verbal)	Khumtai S/S 06.04.2024	Gumboot required	Issue resolved on the 06.04.2024	Provided the Gumboots	
9	Labour (Verbal)	Khumtai S/S 11.04.2024	Cleaned drinking water required	Issue resolved on the 11.04.2024	Provided Cleaned Drinking water at the site	
10	Labour (Verbal)	Khumtai S/S 14.04.2024	Reflecting jacket required	Issue resolved on the 14.04.2024	Provided Reflector jacket.	
11	Labour (Verbal)	Khumtai S/S 06.05.2024	Hand gloves not Provided	Issue resolved on the 06.05.2024	Hand gloves Provided	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
12	Labour (Verbal)	Khumtai S/S 10.05.2024	Gumboot required	Issue resolved on the 10.05.2024	Provided the Gumboots	
13	Labour (Verbal)	Khumtai S/S 16.05.2024	Poor illumination at labour camp	Issue resolved on the 20.05.2024	Provided lighting facility at labour camp	
14	Labour (Verbal)	Khumtai S/S 09.06.2024	Reflecting jacket required	Issue resolved on the 11.06.2024	Provided Reflector jacket.	
15	Labour (Verbal)	Khumtai S/S 14.06.2024	Portable water required	Issue resolved on the 14.06.2024	Provided Potable water	
16	Labour (Verbal)	Khumtai S/S 18.06.2024	Gumboot required	Issue resolved on the 28.06.2024	Provided the Gumboots	
Package-E						



Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
1	Labour (Verbal)	Sankardev Nagar S/S 03.02.2024	Safety Helmet not provided	Issue resolved on the 04.02.2024	Provided the safety helmet	
2	Labour (Verbal)	Sankardev Nagar S/S 14.02.2024	Ladder not provided	Issue resolved on the 15.02.2024	Provided the ladder	
3	Labour (Verbal)	Sankardev Nagar S/S 19.02.2024	Safety Mask not provided	Issue resolved on the 19.02.2024	Provided the safety mask	
4	Labour (Verbal)	Sankardev Nagar S/S 28.02.2024	Safety Helmet not provided	Issue resolved on the 28.02.2024	Provided the safety helmet	
5	Labour (Verbal)	Sankardev Nagar S/S 05-03-2024	Safety Shoes not provided	Issue resolved on the 06-03-2024	New Safety Shoe Provided	
6	Labour (Verbal)	Sankardev Nagar S/S 13-03-2024	Ladder to reach greater height was not provided	Issue resolved on the 14-03-2024	Ladders have been provided.	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
7	Labour (Verbal)	Sankardev Nagar S/S 28-03-2024	Safety Gloves not provided	Issue resolved on the 29-03-2024	New Safety Gloves Provided	
8	Labour (Verbal)	Sankardev Nagar S/S 10.04.2024	Lake lighting facility at working place	Issue resolved on the 12.04.2024	Lighting facility provided	
9	Labour (Verbal)	Sankardev Nagar S/S 17-05-2024	Mosquito net was damaged	Issue resolved on the 18-05-2024	Mosquito net provided	
10	Labour (Verbal)	Sankardev Nagar S/S 28-05-2024	Very unhygienic condition of drinking water area	Issue resolved on the 29-05-2024	Maintained proper access around the drinking water area	
11	Labour (Verbal)	Sankardev Nagar S/S 02.06.2024	Rain water accumulated at labour camp access area	Issue resolved on the 08.06.2024	Dewatering done around the labour camp access area	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
12	Labour (Verbal)	Sankardev Nagar S/S 29.06.2024	Electrical cable not lying on the ground	Issue resolved on the 30.06.2024	Electrical wires place overhead	
13	Labour (Verbal)	Sankardev Nagar S/S 30.06.2024	Carbolic acid not spread around the labour camp and office area.	Issue resolved on the 30.06.2024	Sprinkle the Carbolic acid around the labour camp and office area	

Summary table showing type and level of complaints (Labour Greivance).

Sl. No	Type of Greivance	Package wise grievance received	Total No	Level of Greivance
1	Issues related to Hand Gloves	<ul style="list-style-type: none"> ● Pkg-A 9 No's (Jakhlabandha S/s - 8 nos & Bihpuria S/s - 1 nos,) ● PkG-C – 1 No. (Bhurigaon S/s 1 no) ● PkG-D – 1 No. (Khumtai S/s 1 no) ● PkG-E – 1 No. (Sankardevnager S/s 1 no) 	12	EPC Contractor
2	Issues related to Mosquito net	<ul style="list-style-type: none"> ● Pkg-A 2 No's (Jakhlabandha S/s - 2 nos) ● Pkg-B 2 Nos (Nagaon S/s -2 nos.) ● PkG-E – 1 No. (Sankardevnager S/s 1 no) 	5	EPC Contractor
3	Issues related to Mosquito repellent	<ul style="list-style-type: none"> ● PkG-A – 1 No. (Jakhalabandha S/s 1 no) 	1	EPC Contractor
4	Issues related to Helmate	<ul style="list-style-type: none"> ● PkG-A – 2 No's. 	6	EPC

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No	Type of Greivance	Package wise grievance received	Total No	Level of Greivance
		(Jakhalabandha S/s 1 no & Bihpuria S/s - 1 no) <ul style="list-style-type: none"> • Pkg-B 2 No's (Nagaon S/s- 1 no & Chhaygaon S/S -1 no.) • PkG-E – 2 Nos. (Sankardevnager S/s 2 nos) 		Contractor
5	Issues related to reflective jacket for safety	<ul style="list-style-type: none"> • PkG-A – 3 No's. (Jakhalabandha S/s 1 no & Bihpuria S/s - 2 nos) • PkG-C – 1 Nos. (Bhurigaon S/s 1 nos) 	4	EPC Contractor
6	Issues related to safety shoes	<ul style="list-style-type: none"> • PkG-A – 4 No's. (Jakhalabandha S/s 1 no & Bihpuria S/s - 3 nos) • PkG-D – 2 No's. (Khumtai S/s 2 nos) • PkG-E – 1 No. (Sankardevnager S/s 1 no) 	7	EPC Contractor
7	Issues related to Gum boot	<ul style="list-style-type: none"> • PkG-B – 2 Nos. (Nagaon S/s 2 nos) • PkG-D – 3 No's. (Khumtai S/s 3 nos) 	5	EPC Contractor
8	Issues related to Nose mask	<ul style="list-style-type: none"> • PkG-B – 1 No. (Nagaon S/s 1 no) • PkG-D – 1 No. (Khumtai S/s 1 no) • PkG-E – 1 No. (Sankardevnager S/s 1 no) 	3	EPC Contractor
9	Issues related to Glucon-D	<ul style="list-style-type: none"> • PkG-C – 1 No. (Bhurigaon S/s 1 no) 	1	EPC Contractor
10	Issues related to protective eye shield	<ul style="list-style-type: none"> • PkG-C – 1 No. (Bhurigaon S/s 1 no) 	1	EPC Contractor
11	Issues related to poor illumination	<ul style="list-style-type: none"> • PkG-D – 1 No. (Khumtai S/s 1 no) • PkG-E – 1 No. (Sankardevnager S/s 1 no) 	2	EPC Contractor
12	Issues related to potable drinking water	<ul style="list-style-type: none"> • PkG-D – 2 Nos. (Khumtai S/s 2 nos) • PkG-E – 1 No. (Sankardevnager S/s 1 no) 	3	EPC Contractor
13	Issues related to	<ul style="list-style-type: none"> • PkG-E – 1 No. (Sankardevnager 	1	EPC

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No	Type of Greivance	Package wise grievance received	Total No	Level of Greivance
	accumulation of rain water at labour camp acces	S/s 1 no)		Contractor
14	Issues related to electrical safety.	• PkG-E – 1 No. (Sankardevnager S/s 1 no)	1	EPC Contractor
15	Issues related to hygine at labour camp	• PkG-E – 1 No. (Sankardevnager S/s 1 no)	1	EPC Contractor

9.0 Corrective Action Plan

Table 22: Key issues and Corrective Action Plan

Sl. No.	Key issues	Action Required	Responsibility	Target Date	Indicator of Compliance /Corrective actions plan
1.	Copies of permissions /consents to be submitted	Submit copies of permissions /consents before the respective activity	EPC contractors	Immediate arrangement before the respective activity	Observation/review with EPC contractors/update record
2.	Forest clearance for T/L of package H (Sonapur) in principal approved from Forest Department.	PIU/PMU/PMC requires expediting the process for final approval Forest clearance for T/L of package H (Sonapur) from concerned Department.	PIU/PMC/PMU	Immediate arrangement before the respective activity	Review with AEGCL/ Forest Department
3	The RoW permission for the complete route passing through different villages for the construction of new LILO 400KV Silchar-Byrnihat T/L is yet to be obtained.	PMU/PIU need to expedite the joint verification works along with the concerned Revenue Department to ascertain the status of land in those villages.	PMU / PIU / Reveue Dept / Forest Dept	Immediate arrangement	Review with Revenue Dept/Forest Dept.
4.	The project signboard is to be displayed in all project sites, sufficient numbers of PPE kits are to be provided in all sites, fire extinguishers are to be installed, and proper labour facilities are to be provided by EPC	Project signboard is to be displayed in all project sites, sufficient numbers of PPE kits are to be provided in all sites, fire extinguishers are to be installed and proper labour facilities are to be provided by EPC contractors.	EPC contractors	Immediate arrangement	Observation/review with EPC contractors/update record

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Key issues	Action Required	Responsibility	Target Date	Indicator of Compliance /Corrective actions plan
	contractors.				
5	Landfilling work is to be done in all the respective substations areas as per approved CESMP	EPC should expedite in obtaining land filling documents before the start of earth filling.	EPC contractor	Immediate arrangement	Observation/review with EPC contractors/update record
6.	Joint verification of land owner identification survey of Transmission Lines with the concerned revenue department needs to expedite for the respective T/L to finalize the land schedule.	Expediting surveying/resurvey with the concerned revenue department to finalize that land schedule.	EPC contractors	Immediate arrangement	Observation/review with EPC contractors/update record
7	Require to conduct Public awareness/consultation program on Grievance Redressal Mechanism by PMC/EPC	To be conducted by PMC/EPC staff	PMC/EPC contractor	Continuous arrangement	Observation/review with EPC contractors/update record
8	PIU/PMC to ensure for filling up of necessary work-related Checklists by EPC contractors in all the ongoing working sites.	Necessary work-related checklist to be filled up by EPC	PIU/PMC/EPC Contractor	Regularly	Observation/review with EPC contractors/update record.
9	PMU/PIU/PMC to ensure that all EPC contractors will comply with proper housekeeping, and proper drainage facilities/waste management facilities at all substation sites.	EPC contractor should ensure proper housekeeping, drainage facilities etc	EPC Contractor	Immediate arrangement	Observation/review with EPC contractors/update record
10	Medical tie-ups with nearby hospitals need to be done in the respective substation site by the	Expedite the process of medical tie-up with the nearby hospital.	EPC Contractor	Immediate arrangement	Observation/review with EPC contractors/update record

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Key issues	Action Required	Responsibility	Target Date	Indicator of Compliance /Corrective actions plan
	EPC contractors.				
11	Health check-up camps need to be organized in the respective substation sites by the EPC contractors.	Conduct the health check-up camp.	EPC Contractor	Immediate arrangement	Observation/review with EPC contractors/update record
12	Expedite Final Check Survey Report: All EPC contractors are to finalize the check survey as per the approved tower spotting data with utmost urgency and expedite the process.	EPC Contractor should expedite the final check survey	EPC Contractors	Immediately	Review with EPC contractors
13	All EPC contractors are to deploy the designated personnel, including the Community Consultation Officer for Transmission Line works.	EPC contractors should deploy the staff at the respective project site.	EPC Contractors	With immediate effect	Review with EPC contractors
14	PIU officials of AEGCL are to communicate to all stockholders/departments to provide various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.	PIU/EPC should expedite the process on an urgent basis	PIU/EPC Contractors	Immediate	Review with PIU/EPC contractors
15	PIU to communicate with the concerned departments for obtaining statutory clearance if required, such as Railway crossing, NHAI, PTTC	PIU/EPC should expedite the process	PIU/EPC Contractors	Immediate	Review with PIU/EPC contractors

Assam Intra-State Transmission System Enhancement Project, Phase-1

Sl. No.	Key issues	Action Required	Responsibility	Target Date	Indicator of Compliance /Corrective actions plan
	& any clearance required from Power Grid etc.				

10.0 Status of Non-compliances from previous monitoring report**Table – 23 -Status of the non-compliances and corrective actions proposed in the previous (6th) monitoring report.**

Sl. No.	Key issues	Action Required	Responsibility	Compliance status on corrective actions of previous (6 th) monitoring report during the present reporting period.	Present Status
1.	Copies of permissions /consents to be submitted	Submit copies of permissions /consents before respective activity	EPC contractors	Being complied	Ongoing
2.	Forest clearance for T/L of package H (Sonapur) is yet to be obtained from Forest Department.	PIU/PMU/PMC requires expediting the process of Forest clearance for T/L of package H (Sonapur) from Forest Department.	PIU / PMC / PMU	As "In-Principle Approval/Stage- I" clearance has been issued by Central Government (IRO, MoEF&CC, Guwahati) vide letter F. No. 3 AS C 188/2023/GHY/5155-56 dated 30.01.2024 for diversion of 17.195 Ha forest land for '400 KV S/C LILO Silchar-Byrnihat Transmission line' in West Aprikola Reserved Forest under Kamrup East Division, Basishta, Guwahati (14.28 Ha) in favour of AEGCL. Also, as an initial part of Stage-II approval, E-	Ongoing

Assam Intra-State Transmission System Enhancement Project, Phase-1

				<p>Payment process has also been completed by AEGCL as per the demand notice issued by DFO, Kamrup East Division, Basishta for Rs. 6,38,94,603.00 (Rs. 5,34,75,093.00 + 1,04,19,510.00). AEGCL has made the payment to the CAMPA account through RTGS. Other required processes for the final approval/Stage II approval are under process.</p> <p>Tree cutting permission is received on 22.05.2024 from CCF/NO(FC Act)</p>	
3	The RoW permission for the complete route passing through different villages for the construction of new LILO 400KV Silchar-Byrnihat T/L is yet to be obtained.	PMU/PIU need to expedite the joint verification works along with the concerned Revenue Department to ascertain the status of land in those villages.	PMU/PIU	The joint verification conducted by the Lat Mandals of the Sonapur Revenue Circle is in progress. During the reporting period, the verification process has been completed for approximately 9 km out of the total 19 km route that traverses various villages, to assess the current status of land in these villages and is a crucial step in securing the necessary RoW permissions for the project.	Ongoing
4.	Project signboard is to be displayed in all project sites, sufficient numbers of PPE kits are to be provided in all sites, fire extinguisher to be installed, and proper labour facility to be provided by EPC contractors.	EPC Contractors to provide the facilities at respective project site,	EPC contractors	Project signboards are being displayed, PPE kits are being provided, fire extinguishers are installed and labour facility is being provided and same has to be ensured in their respective project site by EPC contractors	Being Complied
5	Landfilling work is to be	EPC should	EPC contractor	The permission for	Being

Assam Intra-State Transmission System Enhancement Project, Phase-1

	done in all the respective substations areas as per approved CESMP	expedite in obtaining land filling documents before the start of earth filling.		borrow earth has been submitted by respective EPC of Bihpuria & Jakhalabandha S/s under package – A, Chhaygaon S/s under package – B, Khumtai S/s under package – D and Rangia-Kumarikata S/s under package-G.	Complied
6	Expedite Final Check Survey Report: All EPC contractors are to finalize the check survey as per the approved tower spotting data with utmost urgency and expedite the process.	EPC Contractor should expedite the final check survey	EPC Contractors	<p>Check Survey report has been approved as per latest approved tower spotting data for LILO of 132kV Rowta-Sipajhar under Pkg –C.</p> <ul style="list-style-type: none"> ● Check survey report submitted for approval for 220KV Shankardevnagar (AEGCL-New) - Misa (AEGCL-Existing) D/C Line and check survey report not submitted for LILO of both ckt of 220 kV Alipurduar (PGCIL) - Bongaigaon (PGCIL) D/C line under Pkg-E. ● Check survey report not submitted for 220 kV LILO from Samaguri-Mariani Line 1 and 132 kV LILO from Jorhat (West)- Bokakhat S/C under. However, Check survey completed for 42 km out of 60km for 132 kV Khumtai - Sarupathar line under Pkg-D. <p>Re-check survey to be conducted based on the approved tower spotting data for 220KV D/C Pabhoi-Bihpuria line and LILO of 220 kV Samaguri-Mariani line 1 under Pkg-A. Moreover, re-check survey to be conducted</p>	<ul style="list-style-type: none"> ● Completed ● Ongoing ● Ongoing Ongoing

Assam Intra-State Transmission System Enhancement Project, Phase-1

				for LILO of 220 kV Samaguri (AEGCL-Existing) –Sarusajai D/C line and LILO of 220kV Azara – Boko line under Pkg-B.	
7.	Joint verification of land owner identification survey of Transmission Lines with the concerned revenue department needs to expedite for the respective T/L to finalize the land schedule.	Expediting survey/ resurvey with concerned revenue department to finalize the land scheduling for all the Transmission lines	EPC contractors	Re - survey of landowner identification for T/L of all packages as per approved tower spotting data need to be carried out jointly in all the Transmission Lines with concerned Circle Offices and finalized the land scheduling report.	Ongoing
8	Require to conduct Public awareness program on Grievance Redressal Mechanism by PMC/EPC	To be conducted by PMC/EPC staff regularly	PMC / EPC contractor	Continuous awareness programs on GRM providing to the local community residing near the substations. Also plan to conduct 10 nos. GRM training at field level/substation site in the next quarter i.e July to September, 2024.	Being Complied
9	PIU/PMC to ensure for filling up of necessary work-related Checklists by EPC contractors in all the ongoing working sites.	Necessary work-related checklist to be filled up by EPC	PIU/PMC/EPC Contractor	Filling up of necessary work-related checklists by EPC contractors are doing on regular basis.	Being Complied
10	PMU/PIU/PMC to ensure that all EPC contractors will comply with proper housekeeping, proper drainage facilities/waste management facilities at all substation sites.	EPC contractor should ensure with proper housekeeping, drainage facilities etc	EPC Contractor	Instructed to all EPC contractors to ensure and comply with proper housekeeping, proper drainage facilities / waste management facilities at all substation sites.	Being Complied
711	Medical tie-ups with nearby hospitals need to be done in the respective substation site by the EPC contractors.	Expedite the process of medical tie-up with the nearby hospital	EPC Contractor	Medical tie-up with the nearby hospital has been done by EPC contractor of Package-G during the reporting period.	Complied
12	Health check-up camp needs to be organized in	Conduct the health check-up	EPC Contractor	Health check-up program organized by	Being Complied

Assam Intra-State Transmission System Enhancement Project, Phase-1

	the respective substation site by the EPC contractors.	camp at respective project site		EPC contractors of Package A, B, C, D & E during the reporting period except Rangia/Kumarikatai S/s under package – G. Instructed EPC contractor of Pkg-G to organize the same.	
13	All EPC contractors are to deploy the designated personnel, including the Community Consultation Officer for Transmission Line works.	EPC contractors should deploy the staff at the respective project site.	EPC Contractors	After repeated communication to all EPC contractors through letter and e-mail for deployment of vacant E&S staffs. But, the EPC contractors has not yet deployed the same till the reporting period...	Being Complied. (EPC contractor assured deployment of E&S staff as per contract)
14	PIU officials of AEGCL are to communicate to all stockholders/departments to provide various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.	PIU/EPC should expedite the process on an urgent basis	PIU/EPC Contractors	PIU, AEGCL and EPC contractors are communicating the concerned department for collecting the rates.	Ongoing
15	PIU to communicate with the concerned departments for obtaining statutory clearance if required, such as Railway crossing, NHAI, PTTC & any clearance required from Power Grid etc.	PIU/EPC should expedite the process	PIU/EPC Contractors	PIU, AEGCL communicated to all concerned Line department for obtaining statutory clearance,	Being Complied

11.0 Conclusion and Recommendations

Conclusion

EPC contractors have resolved and settled about issues that arose during the execution of the project. However, landfilling work is still required in all respective substation areas, as per the

Assam Intra-State Transmission System Enhancement Project, Phase-1

approved CESMP. EPC contractors should expedite obtaining the necessary land filling documents before starting the earth filling work. Additionally, joint verification of the landowner identification survey for the Transmission Lines with the concerned revenue department needs to be expedited by the respective EPC contractors to finalize the land scheduling details.

EPC contractors are also required to finalize the ****Final Check Survey Report****. All EPC contractors should complete the check survey based on the approved tower spotting data with the utmost urgency to avoid any delays. Furthermore, the Environmental Quality Monitoring Test (EQMT) is required to be conducted twice annually during the construction period. However, EPC contractors failed to carry out the pre-monsoon EQMT at all substation sites. Therefore, all EPC contractors are strongly advised to conduct the post-monsoon EQMT.

During the reporting period, most EPC contractors had vacant Environmental & Social (E&S) staff positions. It is crucial that EPC contractors recruit for these vacant E&S positions in accordance with the contract requirements.

Based on the facts, it has been noted that corrective actions for most of the E&S non-compliances are being undertaken during this period. However, additional efforts will be made to ensure 100% compliance environmental and social aspects as per approved CESMP for uninterrupted workflow at the site and the timely completion of subproject activities.

Recommendations

EPC contractors are suggested to comply with the following on a timely basis:

- **Compliance with Environmental and Social Management Plans (ESMP):** Follow the Environmental and Social Management Plan (CESMP, ESIA- ESMP and ESMPPF) throughout the project.
- **Submission of Legal Documents:** Ensure all necessary legal, statutory, and regulatory documents are submitted before starting the relevant work.
- **Post-Monsoon EQMT:** EPC contractors should conduct the Environmental Quality Monitoring Test (EQMT) during the post-monsoon period (October to December 2024), as per the approved CESMP, ESIA- ESMP and ESMPPF.
- **E&S Reporting: Submit monthly Environmental & Social (E&S) Progress Reports** and compliance reports based on PMC's observations during site visits.
- **Landowner Identification for Transmission Lines:** Expedite the joint verification process of landowner identification surveys with the revenue department.
- **Check Survey Report Finalization:** Finalize the check survey report based on the approved tower spotting data for Transmission Lines.
- **E&S Staff Deployment:** EPC contractors are advised to deploy Environmental & Social (E&S) staff, including a Community Consultation Officer, for Transmission Line works.
- **Compensation Rates for Damages:** PIU (Project Implementation Unit) officials of AEGCL should liaise with relevant departments to collect updated government rates for compensating damages to crops, plantations, trees, utilities, etc., during the Transmission Line construction.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 1

A. ESIA-ESMP implementation monitoring for Sub-station component (January-June, 2024)

Package	Location	No. of Site visit	Date of Site Visit		Remarks
A	220/33kV Jakhalabandha GIS Substation	10	11.01.2024 15.02.2024 29.02.2024 19.03.2024 20.03.2024	21.03.2024 24.04.2024 09.05.2024 10.05.2024 21.05.2024	Monitoring of E&S Activities/ Training programme
	220/33 kV Bihpuria (New) GIS Substation	04	Site visit carried out by PMC civils in these months		11.06.2024 Monitoring of E&S Activities/ Training programme
B	220/33kV Nagaon-2 GIS Substation	07	18.01.2024 07.02.2024 05.03.2024 12.03.2024	09.04.2024 23.04.2024 22.05.2024	Monitoring of E&S Activities/ Training programme
	220/33kV Chhaygaon GIS Substation	09	06.01.2024 09.02.2024 26.02.2024 11.03.2024	12.04.2024 20.05.2024 06.06.2024 24.06.2024 28.06.2024	Monitoring of E&S Activities/ Training programme
C	132/33kV Burhigaon S/S	07	20.01.2024 19.02.2024 28.02.2024 22.03.2024	02.05.2024 29.05.2024 26.06.2024	Monitoring of E&S Activities/ Training programme
D	132/33kV, 2X50 Kumtai S/S	27	08.01.2024 18.01.2024 19.01.2024 23.01.2024 30.01.2024 03.02.2024 07.02.2024 18.02.2024 22.02.2024 27.02.2024 02.03.2024 11.03.2024 13.03.2024 18.03.2024	30.03.2024 02.04.2024 05.04.2024 22.04.2024 06.04.2024 03.05.2024 15.05.2024 28.05.2024 30.05.2024 02.06.2024 13.06.2024 29.06.2024 30.06.2024	Monitoring of E&S Activities/ Training programme
	132/33 kV Sarupather Bay Extension	01	06.04.2024		Monitoring of E&S Activities/ Training programme
E	220/132kV, 2X160 MVA GIS Sankardevnagar S/S	21	05.01.2024 10.01.2024 25.01.2024 03.02.2024 13.02.2024 21.02.2024 01.03.2024 06.03.2024 07.03.2024 15.03.2024	18.04.2024 30.04.2024 04.05.2024 14.05.2024 29.05.2024 04.06.2024 08.06.2024 15.06.2024 19.06.2024 28.06.2024	Monitoring of E&S Activities/ Training programme

Assam Intra-State Transmission System Enhancement Project, Phase-1

Package	Location	No. of Site visit	Date of Site Visit		Remarks
			02.04.2024		
	220/132kV, 2X160 MVA GIS Agomani S/S	05	28.03.2024 30.04.2024 03.05.2024	04.06.2024 06.06.2024	Monitoring of E&S Activities/ Training programme
F	132/33kV S/S from AIS to GIS Gohpur S/S	01	12.06.2024		Monitoring of E&S Activities/ Training programme
L	Kukurmara – Sarusajai 220kV D/C line HTLS restringing	00	00		Monitoring of E&S Activities/ Training programme
M	132kV Kokrajhar to Salakati	00	00		Monitoring of E&S Activities/ Training programme
	132 kV Gossaigaon to Gauripur	00	00		Monitoring of E&S Activities/ Training programme
	220kV Mariani to Namrup	00	00		Monitoring of E&S Activities/ Training programme
	220kV Mariani to Samuguri	00	00		Monitoring of E&S Activities/ Training programme

Assam Intra-State Transmission System Enhancement Project, Phase-1

B. Site visit details for Transmission lines (July-December, 2023)

Package	Location	No. of Site visit	Date of Site Visit		Purpose
A	220 kV Bihpuria (New) - Sonabil (Existing) D/C	00	00		--
	LILO of 220 kV Samaguri - Mariani line at Jakhlabandha (New) S/C	00	00		--
B	LILO of 220 kV Azara – Boko (AEGCL-Existing) D/C Line at Chhaygaon	01	08.01.2024		Socio economic survey/Land owner identification
	LILO of Samaguri (AEGCL- Existing) – Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2	00	00		--
C	132 kV LILO of Siphajhar - Rowta Transmission Line at Burhigaon GIS	00	00		---
D	LILO of 220kV Samaguri - Mariani line 1 at Khumtai	01	05.04.204		Socio economic survey/Land owner identification
	LILO of 132 kV Jorhat (W) - Bokakhat (Existing) at Khumtai (New) S/C Line	00	00		00
	132 kV Khumtai (New) - Sarupathar (Existing) S/C Line – 61.20 km	10	03.01.2024 11.02.2024 17.02.2024 24.02.2024 22.03.2024	06.04.2024 07.05.2024 14.06.2024 19.06.2024 26.06.2024	Monitoring of E&S activities and Socio economic survey/Land owner identification
E	220kV D/C Transmission Line from Sankardevnagar - Misa S/S	00	00		--
	220kV LILO of both Circuit of Alipurduar – Bongaigaon (PGCIL) D/C Line at Agomoni	00	00		--

Assam Intra-State Transmission System Enhancement Project, Phase-1

C. Some photographs of the Site visit



Photo Plate 1 – Gas cylinder facility provided at Jakhlabandha S/S



Photo Plate 2 –E&S related documents check and verified at Chhaygaon S/S



Photo Plate 3 – Workers are well equipped with PPE at Nagaon S/S



Photo Plate 4 –E&S related register check and verified at Nagaon 2 S/S



Photo Plate 5 – Assembly point at Khumtai S/S

R.S. INFRAPROJECTS PVT. LTD					
Project Name-220/132/33 KV GIS Substation at Khumtai					
Emergency Contact Details					
Sl. No	Name	Designation	Name of Company	Mobile Number	Office Number
1	Mr. Ram Krishna Saha	Site Incharge	R.S. Infraprojects Pvt. Ltd.	6200348915	
2	Mr. Rafi Ahmad	EHS Officer	R.S. Infraprojects Pvt. Ltd.	8340662457	
3	Mr. Archan Goswami	Asstt. Gen. Manager	AEECL	9435742176	
4	Police Station	Golaghat		03774-280224	100
5	Fire Brigade	Golaghat		08471923124	101
6	Ambulance			07002357370	108
7	VK NRL Hospital	Numaligarh		03776-266700	

Photo Plate 6 -Emergency contact list displayed at Khumtai S/S

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate 7 – LPG cylinder provided in the labour camp at Khumtai S/S



Photo Plate 8 – Toilet facilities for workers provided at Khumtai S/S



Photo Plate 9 – Unwanted bushes are trim down around the Agomoni substation area.



Photo Plate 10 – Caution sign placed at Sankardevnagar substation.



Photo Plate 11 – Barricading done around the Agomani substation area.



Photo Plate 12 – Housekeeping done around the Jakhalabandha S/S

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate 13 – Barricading done at Burhigaon Substation



Photo Plate 14 – Medical health check-up camp organized at Burhigaon S/S



Photo Plate 15- First aid box at Khumtai S/S



Photo Plate 16 – Working working with PPEs at Khumtai S/S



Photo Plate 17– Excavate pits are barricaded at Sankardevnagar S/S



Photo Plate 18– Water sprinkle done around the Agomani site to suppress dust.

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate 19 – TBT conducted on regular basis at Agomani S/S



Photo Plate 20 – Workers are well equipped with PPE at Agomani S/S



Photo plate 21 – Jointly site visit by AEGCL, PMC and EPC contractor at Jakkhalabandha S/S



Photo Plate 22 – Work stopped due to non availability of manpower at Chhaygaon S/S



Photo Plate 23 – First AiD Box at Nagaon S/S



Photo Plate 24 – Hospital Tie-up done at Khumtai S/S

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate 25 – Medical health check-up conducted at Shankardevnagar S/S



Photo Plate 26 – Medical health check-up conducted at Agomoni S/S



photo Plate 27 – Tree plantation done at Amomoni S/S



Photo Plate 28 – Inspection of E&S related register at Shankardevnagar S/S



Photo Plate 29 – Gas cylinder facility provided at Jakhlabandha S/S



Photo Plate 30 – AEGCL, PMC & EPC jointly visited at Nagaon-2 S/S

Assam Intra-State Transmission System Enhancement Project, Phase-1

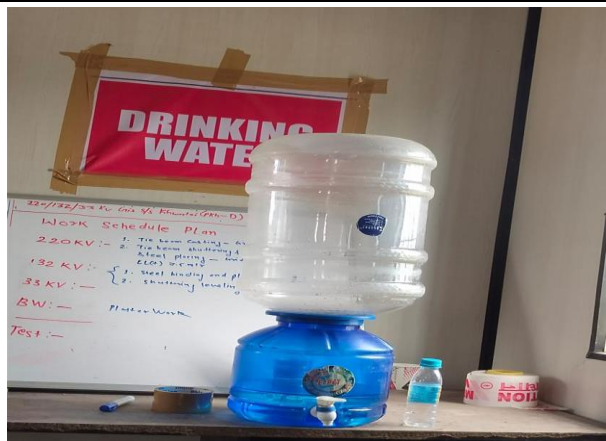


Photo Plate 31- Drinking water facility provided at Khumtai S/S



Photo Plate 32- E&S related register and documents are check and verified at Chhaygaon S/S



Photo Plate 33 & 34- AEGCL, PMC & EPC jointly visited to all three Transmission lines of Pkg-D



Photo Plate 35- Dustbin provided to labour camp at Khumtai S/S



Photo Plate 36 - Secretary Power(E) department, AEGCL and PMC jointly visited at Sankardev Nagar S/S

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate 37 – TBT conducted regularly at Agomani S/S



Photo Plate 38 – Joint site visit at Jakhalabandha substation in presence of power (E) Department ACS Joint Secretary, AEGCL officials & PMC officials



Photo Plate 39 – Labour camp condition at Nagaon-2 S/S



Photo Plate 40 – Joint site visit at Burhigaon substation in presence of power (E) Department ACS Joint Secretary, AEGCL officials & PMC officials



Photo Plate 41 – First AiD box at Burhigaon S/S



Photo Plate 42 – Medical health check up conducted for the labours at Khumtai S/S

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate 43 – Fire extinguisher provided to labour camp at Khumtai Substation



Photo Plate 44 – Joint site visit at Agomani substation in presence of power (E) Department ACS Joint Secretary, AEGCL officials & PMC officials



Photo Plate 45- Inspection of all E&S related documents and register at Shankardev Nagar S/S



Photo Plate 46 – Workers are well equipped with PPEs at Agomani S/S

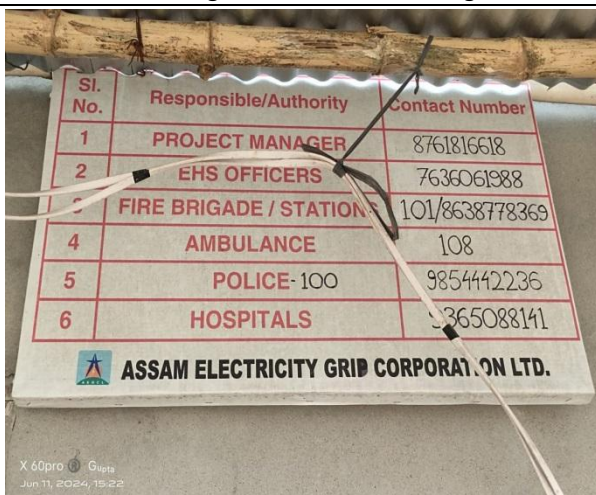


Photo Plate 47- Emergency contact list displayed at Bihpuria S/S



Photo Plate 480- Inspection of E&S related documents at Chhaygaon S/S

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate 49 – Organized World Environment day at Khumtay S/S



Photo Plate 50 – Circle office visit regarding ROW land scheduling for Khumtai to Sarupathar T/L



Photo plate 51 – Lighting facility provided at Gohpur S/S



Photo Plate 52 – Inspection of First AID Box at Agomani S/S

Some Photographs of Public Consultation and Awareness program



Photo plate 1 – Conducted public consultation nearby Shankardevnagar S/S



Photo Plate 2 - Community consultation near Burhigaon S/S

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate3 - Community consultation at Khumtai Sarupathar T/L



Photo plate 4 – Conducted public consultation nearby Shankardevnagar S/S



Photo Plate 5 - Community consultation near Jakhlabandha S/S



Photo Plate 6 - Community consultation at Khumtai Sarupathar T/L



Photo Plate 7 - Community consultation near Khumtai S/S.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Some Photographs of Training Program



Photo Plate 1 – EHS training program at Shankardevnagar S/S



Photo Plate 2 - Conducted EHS&S training program at Agomoni S/S



Photo Plate 3- EHS&S training program at Jakhalabandha S/S.



Photo Plate 4- EHS&S training program at Nagaon S/S.



Photo Plate 3- EHS&S training program at Khumtai S/S.



Photo Plate 4- EHS&S training program at Khumtai S/S.

Assam Intra-State Transmission System Enhancement Project, Phase-1



Photo Plate 5 – EHS training program at Shankardevnagar S/S



Photo Plate 6 - Conducted EHS&S training program at Agomoni S/S



Photo Plate 7- EHS&S training program at Jakhalabandha S/S.



Photo Plate 8- EHS&S training program at Nagaon 2 S/S.



Photo Plate 9- EHS&S training program at Bihpuria S/S.



Photo Plate 10- EHS&S training program at Khumtai S/S.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 2: Attendance sheets for some of the consultations

Attendance Sheet of awareness program with the local community near Shankardevnagar S/s

Assam Intra-State Transmission System Enhancement Project, Phase-1

Attendance Sheet of awareness program with local community at Burhigaon S/s

No.	Name	Attendance	Signature
1	Harad P.	✓	[Signature]
2	Sanku M.	✓	[Signature]
3	Dilip M.	✓	[Signature]
4	Harad P.	✓	[Signature]
5	Harad P.	✓	[Signature]
6	Harad P.	✓	[Signature]
7	Harad P.	✓	[Signature]
8	Harad P.	✓	[Signature]
9	Harad P.	✓	[Signature]
10	Harad P.	✓	[Signature]
11	Harad P.	✓	[Signature]
12	Harad P.	✓	[Signature]
13	Harad P.	✓	[Signature]
14	Harad P.	✓	[Signature]
15	Harad P.	✓	[Signature]


Assam Intra-State Transmission System Enhancement Project, Phase-1

Attendance Sheet of the Training program on EHS&S aspects at Agomani S/s


Sl. No.	Name	Date	Time	Remarks
1	Sanjay Das	1/1/2018		
2	Pratik Das	1/1/2018		
3	Ujjwal Das	1/1/2018		
4	Harsh Das	1/1/2018		
5	Abhishek Das	1/1/2018		
6	Krishan Das	1/1/2018		
7	Anand Das	1/1/2018		
8	Ravi Das	1/1/2018		
9	Pranav Das	1/1/2018		
10	Adarsh Das	1/1/2018		
11	Arjun Das	1/1/2018		
12				

Assam Intra-State Transmission System Enhancement Project, Phase-1

Attendance Sheet of Training program on EHS&S aspects at Khumtai S/s



No.	Name	Attendance	Remarks
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			



Assam Intra-State Transmission System Enhancement Project, Phase-1

L2 Schedule Cum GANTT Chart of Erection for augmentation of Existing Transmission lines Capacity (Three Lines) by High Temperature Low Sag (HTLS) Conductor: PKG L

Item Description	Quantity	Units	Start Date	End Date	Duration	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Preliminary survey including measurements of vertical clearance at maximum sag point, identification and replacement or repairing of damaged stubs, tower members and earthing and collection of all required documents required for obtaining Statutory permission from Railways, Highway Authorities and other Government bodies for																														
132kV BTPS (Salakati- Dhaligaon)	21.50	KM	01-09-2021	10-09-2021	9																									
132 kv D/C 132kV Gossaigaon-Gauripur	62.00	KM	01-08-2021	30-08-2021	29																									
220kV Kukumara-Sarusajai D/C)	24.00	KM	11-09-2021	21-09-2021	10																									
Paving, Stringing, Tensioning, Clamping, jointing etc. of HTLS Conductor with non-metallic core using tension puller machine as per specification requirements in all the phases including hoisting of insulators, fitting of all necessary hardware & accessories ie., fittings, armour rods, vibration dampers, supervision of installation and stringing etc. for																														
132kV BTPS (Salakati- Dhaligaon)	135.00	KM	08-03-2022	05-04-2022	28																									
132 kv D/C 132kV Gossaigaon-Gauripur	195.00	KM	18-11-2021	29-12-2021	41																									
220kV Kukumara-Sarusajai D/C)	155.00	KM	20-12-2022	31-03-2023	101																									
Dismantling of existing clamps, connectors And accessories from Gantry to the Bus bar at the terminal bays of respective sub- stations and reconnection with HTLS compatible connectors and clamps-both supply of materials and erection complete in all respects for																														
1 132kV BTPS (Salakati- Dhaligaon)	1.00	JOB	01-04-2023	07-05-2023	36																									
2 132 kv D/C 132kV Gossaigaon-Gauripur	1.00	JOB	08-05-2023	13-06-2023	36																									
3 220kV Kukumara-Sarusajai D/C)	1.00	JOB	14-06-2023	20-07-2023	36																									
Dismantling of existing conductor of the Transmission line, re-rolling on empty drums, removing of hardware fittings, Insulators and accessories, loading and unloading transportation to AEGCL store for																														
01 132kV BTPS (Salakati- Dhaligaon)	135.00	KM	08-03-2022	05-04-2022	28																									
02 132 kv D/C 132kV Gossaigaon-Gauripur	195.00	KM	18-11-2021	29-12-2021	41																									
03 220kV Kukumara-Sarusajai D/C)	155.00	KM	20-12-2022	31-03-2023	101																									
5 ESMP requirement																														
5.01 Personal protective equipment's (Hard hats (with fullpartial brims as necessary) Safety glasses with side shields. Face masks/shields. Suitable footwear (safety/steel-toed boots, rated dielectric footwear) Insulating gloves (rated, used along with leather/cloth linings for shock protection)) as per site requirement	1.00	Lot	18-11-2021	22-07-2023	611																									
5.02 Wire insulation/ Bird, Deflectors/ Bird Flapper as per requirement	1.00	Lot	01-04-2023	22-07-2023	112																									



CGM (PP&D)
AEGCL



Appendix 4 – Sample copy of Consent to Establish (CTE) of Crusher

**POLLUTION CONTROL BOARD, ASSAM
BAMUNIMAIDAM, GUWAHATI – 21**



No.WB/GUW/T-2126/11-12/51

Dated Guwahati, 15/11/11

1168

"CONSENT TO ESTABLISH"

Provisional "CONSENT TO ESTABLISH" is hereby granted to M/s. Meghalaya Infra for setting up a stone chips, grits & stone dust production unit with production capacity 30(thirty) TPH at village Patgaon, P.O. Rani, P.S. Palashbari, Dist. Kamrup (Assam) under the following terms & conditions:-

1. No Air, Water, Soil pollution shall be created by the industry beyond the permissible limits prescribed by the Board. The industry would incorporate adequate pollution control measures before they put the plant into operation.
2. To maintain the environment and ecology in the area provisions for planting selected species of tree within the compound and approaches along with provisions for park, garden and fountain shall have to be made. Massive afforestation will have to be made by the industry in the factory and township if any.
3. As per provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 any officer, employed by this Board on its behalf shall without any interruption, the right at any time to enter the industry for inspection, to take samples for analysis and any call for any information etc. violation of this right will be withdrawal of this permission.
4. As per provisions of the Act, regular monitoring is to be done by the industry from the location/points fixed by the Board and the report to be submitted to the board monthly.
5. Effluent carrying drains must be segregated from storm water drain and effluent must be disposed in effluent pond in no case effluent will be allowed to discharge into nearby nullah/natural water course etc. without treatment and bringing it within permissible limits fixed by the Board.
6. Standard linings on flat embankment of effluent pond shall have to be provided to prevent and control of overflow seepage and leakage of effluent to the nearby areas.
7. To regularise the subsequent, the legal provisions of "Consent to Operate" as per Act and Cess Returns as per Cess Act, 1977 shall have to timely adhered to.
8. Gaseous pollution due to the burning of fuel to run engine boiler, etc. should be controlled by adopting preventive measures adequately.
9. Solid waste that arises during the operation should be properly graded and disposed of scientifically without causing nuisances.
10. For Low lying areas, special care is to be taken by the industry to prevent any overflow, seepage and leakage of effluent.
11. For warning (Alarm, Siren) is to be installed by the unit to guard against accidental pollution/ mishap together with fire fighting devices.

Contd/- 2..

11/11

-2-



12. All pipe connection, Joints; fittings etc. in the factory and plant are to be frequently checked and shall be leak proof all the time.
13. Proper housekeeping and adequate maintenance has to be ensured/ enforced as per provisions of Acts.
14. All unwanted Toxic Chemical/Fluid/Gases are to be neutralized and flared up as necessary.
15. Production process is to be monitored and in the event of danger immediate shut down is to be ensured by the industry.
16. Provisional "CONSENT TO ESTABLISH" has been issued basing on the particulars furnished by the applicant and subject to imposition to further/more conditions if warranted by the subsequent development.
17. Provisional "CONSENT TO ESTABLISH" is valid till the date of commissioning of the unit.
18. Healthy working environment for the worker must be maintained and there should not be health Hazard to the workers for in adequate arrangement for ventilation, dust removal arrangements should be adequate and full proof for the health of the workers. Their health should be regularly monitored.
19. The unit must submit compliance report of action taken on the conditions given by the Board before commissioning the unit.
20. Adequate trees should be planted and maintained in the vacant space of the premises and all around the factory and township if any.
21. The Board will be at liberty to withdraw the "CONSENT TO ESTABLISH" at any time without notice, if necessary steps for prevention of pollution and prevention of environment is not taken by the industry as per mentioned conditions.
22. This issuance of the "CONSENT TO ESTABLISH" does not convey any property right in their real or personal property or any exclusive privileges nor does it authorize any injury to private property nor any invasion right any infringement of Central, State or Local Laws or Regulations.
23. The "CONSENT TO ESTABLISH" does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse except of the works specially instructed herein.
24. All steps are to be taken by the industry to control the dust to that it does not go outside the factory.
25. Water sprinkling arrangement around the periphery to the unit should be installed & while the unit will operate the sprinkler operation should also be operated.
26. The industry is to fully enclose the roll crusher with dust extraction from close to mills.
27. The industry is to provide dust extraction arrangement at all transfer points.
28. The industry is to make water-spraying arrangement for the finer product.
29. The industry will always keep it wet the finer product.
30. Necessary steps are to be made to minimize noise.

NA

Contd/-3....

-3-



31. The factory must be away from residential areas and as well as 500 M. away from N.H.
32. Proper safe drinking water supply and sanitary facilities are to be provided to the workers.
33. The "CONSENT TO ESTABLISH" is valid from the date of issue of the "CONSENT TO ESTABLISH". The "CONSENT TO ESTABLISH" will be automatically cancelled if the Industry violates this condition.
34. The stone-crushing unit should strictly follow the following standards for suspended particulates matter.

The standards consist of two parts

- i) Implementation of the following pollution control measured: -
 - a. Dust containment cum suppression system for the equipment.
 - b. Construction of wind breaking walls.
 - c. Construction of the metallic roads within the premises.
 - d. Regular cleaning and wetting of the ground within the premises.
 - e. Growing of a green belt along the periphery.
- ii) Quantitative standard for SPM :-

The suspended particulate matter measured between 3 to 10 meters from any process equipment of a stone-crushing unit shall not exceed $600\mu\text{g}/\text{m}^3$.

Sa/-
Member Secretary

Memo No. WB/GUW/T-2128/11-12/51 - A,

Dated Guwahati,

Copy to:

- 1) M/s. Meghalaya Infra, Village – Patgaon, P.O.- Rani, P. S. - Palashbari, Dist. Kamrup (Assam) for information & necessary action. The "CONSENT TO ESTABLISH" is valid subject to fulfillment of above terms & conditions and subject to obtaining necessary permission from other Competent Authorities.
- 2) Deputy Secretary to the Govt. of Assam, Department of Environment & Forest, Dispur, Guwahati – 6 for favour of information.
- 3) Deputy Commissioner, Kamrup District for favour of information.
- 4) The General Manager, DI & CC, Kamrup for favour of information.
- 5) The Sr. Env. Engineer, Regional Office, Guwahati; Pollution Control Board, Assam for information & necessary action. The "CONSENT TO ESTABLISH" is valid subject to fulfillment of above terms and conditions also subject to obtaining necessary permission from other Competent Authorities. This has a reference vide letter No.APCB/ROG/T-3998/11-12/28/423 dtd. 14/10/2011.

hgggc 05.11.11
Member Secretary

Appendix 5 – Sample copy of Consent to Operate of Crusher



Pollution Control Board::Assam
Bamunimaidam; Guwahati-21
 (Department of Environment & Forests :: Government of Assam)
 Phone: 0361-2652774 & 2550258; Fax: 0361-2550259
 Website: www.pcbassam.org



No. WB/RONG/T-600/2019-20/29

Dated Guwahati, the 16th, November, 2022**CONSENT TO OPERATE**

“CONSENT TO OPERATE” (CTO) under Section 21 of Air (Prevention and Control of Pollution) Act, 1981 as amended and Rules framed thereunder, is granted to-

- i) Name of Unit : M/s. RA Stone Crusher.
 ii) Name of the Occupier / Applicant and Designation : Ramjan Ali, Proprietor.
 iii) Address of the unit : Bheloguri, Modertoli, Hojai, Assam-782440
 iv) Cost of the project : 31.0Lakhs
 v) Types & Category of the Project : Stone Crusher (Orange category)
 vi) Source of Raw Materials :

Raw Materials	Source
Stone boulder	Bipin Stone Mahal, Hojai

- vii) Details of the Project :

Sl. No.	Type of Crusher	Capacity
1	Jaw Crusher	1x20 TPH

- viii) Details of Products :

Sl No.	Products	Capacity
1.	Stone Chips and Dust	4000 MT/Month

TERMS AND CONDITIONS:


- This CTO has been accorded based on the particulars furnished by the applicant vide Application ID: 1547052 and subject to addition of further more conditions if so warranted by subsequent developments. The CTO will automatically become invalid if there is any changes, modification, alteration, expansion or deviation made in actual practice without prior permission of the Board.
- The CTO is valid for a period up to 31.03.2025.
- The CTO may be modified, suspended in whole or in part or withdrawn by the Board during its term for cause including, but not limited to the following:-
 - Violation of any Terms and Conditions of this CTO;
 - Obtaining the CTO by misrepresentation or failure to disclose fully all relevant facts;
 - If any complaint received;
- The unit shall obtain prior 'Consent to Establish' from the Board for any further expansion, alteration, modification, modernization of the project.
- The project Authority should install a display Board as per the Board's Notification No. PCBA/AGI-95/20-21/Notification/01 dtd.11.11.2021 (Appendix-A).
- Proper housekeeping shall be maintained. **Burning of any waste inside the premises is strictly prohibited.**
- The project proponent shall develop a greenbelt/plantation area with native trees covering at least 33% of the total plot area.
- The unit shall install a 10 ft. height permanent boundary line/partition wall with Tin/Asbestos sheet or other non-porous partition material with installation of permanent boundary posts.

Contd....P/2

13/11/22 43

Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 6 – Sample copy of Environmental Clearance of Stone Quarry


STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, ASSAM
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, GOVT OF INDIA
BAMUNIMAIDAM, GUWAHATI 781021, ASSAM.

No. SEIAA.1237/2020/EC/33 / 1500 Dated: 8/9/2021
Proposal No.SIA/AS/MIN/140422/2020

To ✓ Vinod Kumar Kabra,
Nagaon,
P.O. Nagaon,
Dist : Nagaon, Assam

Sub: - Environment Clearance for collection of Stone from “Borjuri P.P. Land No.3 Stone M.C. Area” under Karbi Anglong East Forest Division, Diphu, Dist: Karbi Anglong, Assam by Vinod Kumar Kabra.

This has reference to your application for Environmental Clearance dtd. 22/01/2021 along with Form-1M, Form-1, Mining Plan, D.F.O. letter, land documents and other relevant documents for collection of Stone from “Borjuri P.P. Land No.3 Stone M.C. Area” under Karbi Anglong East Forest Division, Diphu, Dist: Karbi Anglong, Assam.

The quantity of Stone to be collected is:

1. Stone: 1,50,000 (One Lakh Fifty Thousand) cu.m stone from the proposed location within three (3) years and 50,000 (Fifty Thousand) cu.m stone per year.
2. Total Allotted area: 2.67 Ha.

The collection of Stone shall be extracted from the area of the GPS Co-ordinates as per mining plan as mentioned below:

<u>Longitude (East)</u>	<u>Latitude (North)</u>
1. E- 92°57'04.8"	N- 26°23'41.7"
2. E- 92°56'53.3"	N- 26°23'41.1"
3. E- 92°57'04.9"	N- 26°23'44.5"
4. E- 92°56'53.3"	N- 26°23'44.6"

The Stone shall be collection manually/semi mechanized way from “Borjuri P.P. Land No.3 Stone M.C. Area” under Karbi Anglong East Forest Division, Diphu, Dist: Karbi Anglong, Assam.

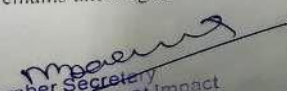
The proposal was examined and processed in accordance with EIA Notification 2006 and its amendment thereof. The State Level Expert Appraisal Committee (SEAC), Assam examined the documents of the proposal for extraction of Stone at its meeting held on 07/08/2021. Accordingly the application was discussed and thoroughly scrutinized by the SEAC and found that the project falls under I(a) and considered as B₂ Category of EIA Notification 2006 and subsequent amendment. The Committee recommended the project to the SEIAA, Assam for issuance of Environmental Clearance.

Based on the recommendation of the SEAC, the State Environment Impact Assessment Authority, Assam (SEIAA) considered the proposal in its meeting held on 24/08/2021 and accords Prior Environmental Clearance to the project as mentioned above under the provision of EIA notification 2006 and its subsequent amendments issued under Environment Protection Act 1986 subject to compliance of following specific and general conditions.

The operational area of mining must be confined to the given 2.67 Ha area bound by the coordinates mentioned above and there shall not be any other area of mining contiguous to this. The project proponent is to submit a declaration in writing to this effect before commencement of the work.

I. Specific Conditions:


1. The legal status of the mining area remains unchanged.


Member Secretary
State Level Environment Impact
Assessment Authority, Assam,
Bamunimaidam, Ghty-21

Page 1 of 4

Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 7 – Sample copy of Environmental Clearance of Sand Quarry


GOVERNMENT OF ASSAM
DEPARTMENT OF ENVIRONMENT & FORESTS, ASSAM
OFFICE OF THE DIVISIONAL FOREST OFFICER: NAGAON DIVISION NAGAON
Phone & Fax No. 03672-233610 Email ID- dfonagaont@gmail.com.
Letter No. FNGT/B/74 (Part- I)/Nisari Sand Permit Area No. 1 (A)/2023/3875 Dated- 13/04/2023

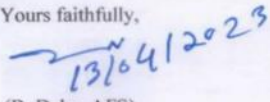
To,
The Chairman,
State Environment Impact Assessment
Authority (SEIAA), Bamunimaidum, Guwahati.

Subject: Issuance of EIA Clearance Certificate in respect of Nisari Sand Permit Area No. 1 (A) under Kathiatoli Range, Kathiatoli.

Reference: The Director, Directorate of Geology & Mining Assam's letter No. GM/MM/86-B (40)/Pt. IV/202-05, dtd. 10/04/2023.

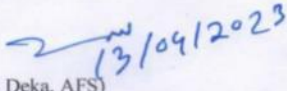
Sir,
With reference to the subject cited above, I have the honour to inform you that the Director, Directorate of Geology & Mining Assam, Guwahati- 19, has issued a Mining Plan on 10/04/2023 in respect of "Nisari Sand Permit Area No. 1 (A)" under Kathiatoli Range, Kathiatoli of this Division in favour of Divisional Forest Officer, Nagaon Division, Nagaon for Minor Mineral Material Sand in respect of Departmental Works as well as Tender etc. under Nagaon District.
Therefore, I request you kindly to issue an EIA Clearance for the said Mining Contract Area against 28,000 m³ of Sand. The original copy of Mining Plan approved by the Director, Directorate of Geology & Mining Assam, dtd. 10/04/2023 are enclosed herewith for your kind information and necessary action.
This is for favour of your kind information and necessary action

Enclosed: 1. Mining Plan (1 No.).
2. Schedule "A" (1 No.).

Yours faithfully,

13/04/2023
(B. Deka, AFS)
Divisional Forest Officer,
Nagaon Division, Nagaon


Memo No. FNGT/A/74 (Part- I)/Nisari Sand Permit Area No. 1 (A)/2023/1465-67 Dated- 13/04/2023
Copy forwarded for favour of his kind information and necessary action to:-

1. The Principal Chief Conservator of Forests & Head of Forest Force, Assam, Panjabari, Guwahati- 37.
2. The Addl. Principal Chief Conservator of Forests (T), Upper Assam Zone, Jorhat- 1.
3. The Conservator of Forests, Northern Assam Circle, Tezpur, Assam.


13/04/2023
(B. Deka, AFS)
Divisional Forest Officer,
Nagaon Division, Nagaon

Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 8– Sample copy of Tree Cutting Permission


GOVT. OF ASSAM
DEPARTMENT OF ENVIRONMENT & FORESTS
OFFICE OF THE DIVISIONAL FOREST OFFICER
SONITPUR EAST DIVISION, BISWANATH CHARIALI:784176
Email id : dfo.t.xoniteast@gmail.com


Letter No. FSET/B /Tree Cutting /AEGCL /2023/4044-46 Date: 11/07/2023

To, The Chief General Manager (PP&D),
AEGCL,
Gohpur

Sub: Seeking permission for cutting existing trees for execution of the work Package – F-Conversion of existing 132/33kV Gohpur Air Insulated Sub System (AIS) to Gas Insulated Substation (GIS) "

Ref: Yours office letter no.AEDCL/MD/AIBB/PKG-F/2022-23/02-F/PART-1105,Dated .21-02-2023

Sir ,
In connection to your letter as above, the Circle Officer, Halem Revenue Circle & Beat Officer, Gohpur has jointly verified the plot of the trees to be removed for your ongoing works. There are 8 (Eight) no.s trees standing at the plot belongs to a P Patta No.1 , Dag No.249 under Kallongpur Mouza of Gohpur T. Estate . 654 no. Grant and the tree species are 3(Three)no.s Eucalyptus , 1(One) no.s Jamuk , 1(one) Shirish , 1(One) Aam , 1(one) Radhasura , 1(One) Suwalu .
Whereas , the tree species belongs to the Schedule-I as per the Clause(I) of Sub-rule (I) of rule 5 under " The Assam Trees Outside Forest (Sustainable Management) rules 2022", those species are exempted from obtaining prior permission for felling and conversion by the pattadar of the land .
Under the circumstances as above, the felling of those trees may be allowed only to the pattadar of the land.

Yours faithfully

Divisional Forest Officer,
Sonitpur East Division
Biswanath Chariali

Copy to
1. The Beat Officer, Gohpur Beat for his information.
2. The Manager of Gohpur Tea Estate, Gohpur for his information.

Divisional Forest Officer,
Sonitpur East Division
Biswanath Chariali

Assam Intra-State Transmission System Enhancement Project, Phase-1


Appendix 9 – Sample copy of PUC certificate

Form 59
[See rules 115 (2)]

Pollution Under Control Certificate


Authorised By :
Government of Assam

Date : 27/05/2024
Time : 16:15:29 PM
Validity upto : 26/11/2024



Certificate SL. No. : AS00100160037330
Registration No. : AS01AB7214
Date of Registration : 30/Nov/2006
Month & Year of Manufacturing : October-2006
Valid Mobile Number : *****2156
Emission Norms : BHARAT STAGE III
Fuel : PETROL
PUC Code : AS0010016
GSTIN :
Fees : Rs.110.00
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)	0.5	0.03
	Hydrocarbon, (THC/HC)	ppm	750.0	15.0
High idling emissions	CO	percentage (%)	0.0	0.0
	RPM	RPM	2500 ± 200	0.0
	Lambda	-	1 ± 0.03	0.0
Smoke Density	Light absorption coefficient	1/metre		

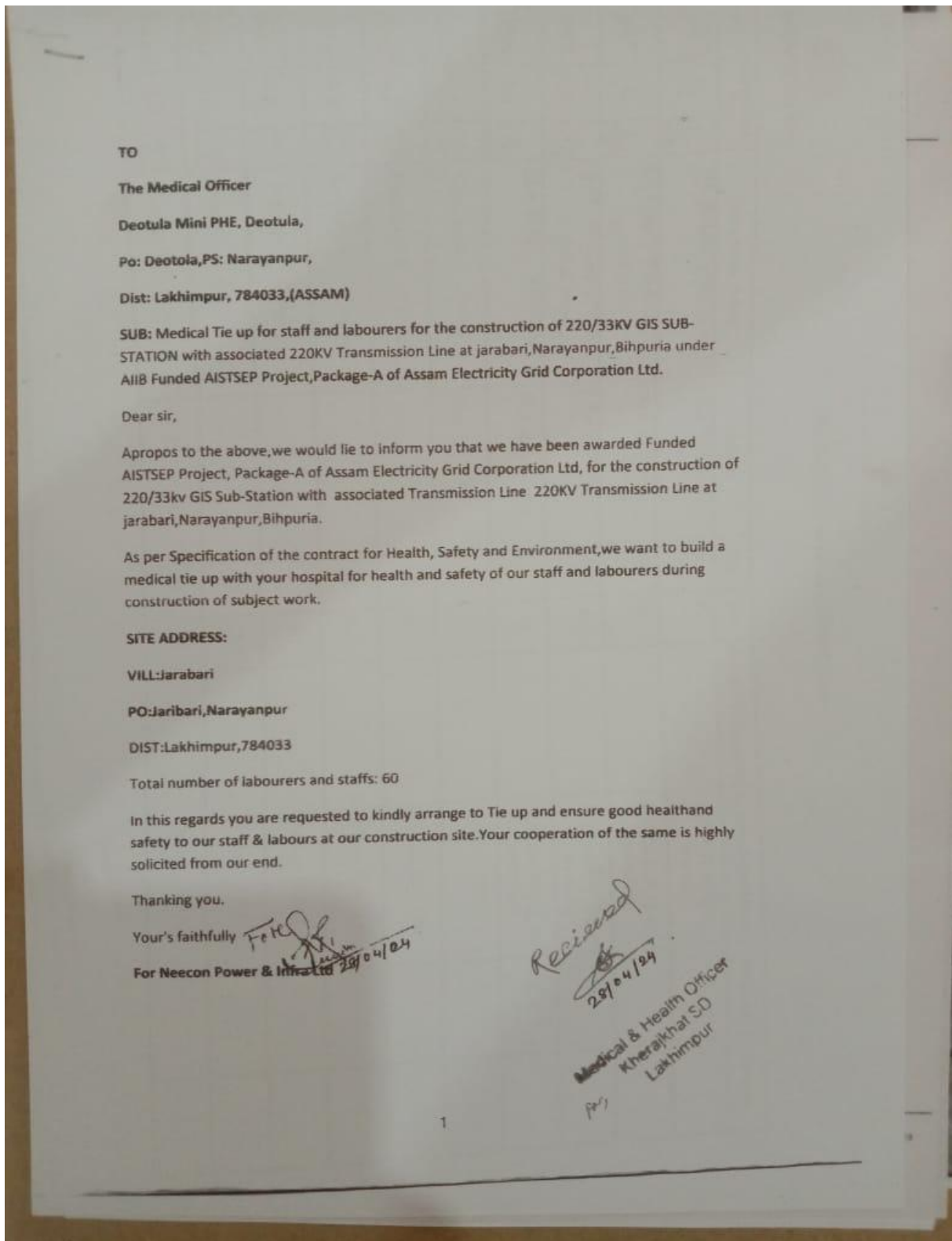
This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
30mm x 20 mm


Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 10 – Sample copy of Medical Tie up



Appendix 11 – Sample certificate copy of Medical Examination

DISTRICT :

 NATIONAL HEALTH MISSION, ASSAM

ADVICE SLIP OPD IPD

Patient Name : Mahar Ki Age : 23

Registration No. : 6241 Sex : M Date : 28/2/24

No. 942565
BP=110/70


Provisional Diagnosis

Brief note on investigation (if any)

Advice Given:

Doctor's Signature

Referral (if any)

 NATIONAL HEALTH MISSION ASSAM

১০৪ নম্বৰত যোগাযোগ কৰক যদি।	Call '104' MEDICAL HELPLINE IF
• EDLত তালিকাভুক্ত ঔষধ নাপায়।	• EDL Drugs not prescribed or received.
• চিকিৎসকে তালিকাভুক্ত ঔষধৰ ব্ৰেণ্ড ব্যৱহাৰ কৰে।	• Branded drugs in place of EDL drugs are prescribed.
• আপোনাৰ স্বাস্থ্য সম্বন্ধীয় যিকোনো অভিযোগ থাকে।	• Any other grievance/complaint.

“মুকলিকৈ শেঁচ কৰা অভ্যাস ত্যাগ কৰক। দেশক পৰিষ্কাৰ পৰিচ্ছন্নতাৰ দিশত আগবঢ়োৱাত সহায় কৰক।”

NATIONAL HEALTH MISSION: FREE DRUG SERVICE

Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 12

PRE MONSOON ENVIRONMENTAL QUALITY MONITORING STATUS OF ALL PACKAGES UNDER AIIB-AISTSEP Phase-I

Date: 30th June 2024

Package Name	Substation/Approach Road Name	Baseline	2024
			Pre-Monsoon
A	Jakhalabandha	Complied (05-02-2022)	Not yet conducted
	Bihpuria	Complied (03-02-2022)	Not yet conducted
B	Chhaygaon	Complied (28-02-2022)	Not yet conducted
	Nagaon-2	Complied (04-03-2022)	Not yet conducted
C	Burhigaon	Complied (25-02-2022)	Not yet conducted
D	Khumtai	Complied (05-05-2022)	Not yet conducted
E	Sankardevnagar	Complied (30-03-2022)	Not yet conducted
	Agomoni	Complied (04-04-2022)	Not yet conducted
F	Gohpur	Complied (28-09-2022)	Not yet conducted
G	Rangia-Kumarikata	Complied (16-04-2024)	Not Arises
H1	Approach Road to Sonapur Substation	Complied (22-02-2024)	Not Arises

Appendix 13

Forest diversion proposal of 14.28 Ha Forest Land of 400 kV S/C Silchar Byrnihat TL for Sonapur Substation



सत्यमेव जयते

भारत सरकार
Government of India

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
क्षेत्रीय कार्यालय, शिलांग/Regional Office, Shillong
उप कार्यालय, गुवाहाटी/Sub - office, Guwahati

चौथी मंजिल, हाईसेफेड इमारत, जी एस रोड, रुक्मिणी गाँव, गुवाहाटी- ७८१०२२
4th Floor, Housefed building, GS Road, Rukmini gaon, Guwahati - 781022

दूरभाष /Tel Fax: 0361-2962350, E-mail: iro.guwahati-mefcc@gov.in



पृथ्वी रक्षति चक्षुः
Nature Protects if She is Protected

F.No.3 AS C 188/2023/GHY /5156-56

30th January, 2024

सेवा मे,

अतिरिक्त प्रमुख सचिव/ Addl. Chief Secretary,
असम सरकार/Govt of Assam.
पर्यावरण और वन विभाग/Environment and Forests Department,
दिसपुर/Dispur, गुवाहाटी/Guwahati-781006.

Sub: Proposal for diversion of 14.28 ha of forest land for construction of 400 KV S/C LILO Silchar Byrnihat Transmission line in West Aprikola Reserve Forest under Kamrup East Division Basistha in favour of AEGCL.

Sir,

This has got reference to the online proposal FP/AS/TRANS/411353/2022 and State Govt letter eCF No.381903/38 dated 07.12.2023 on the subject seeking prior approval for the Central Government under Section 2 of the FCA, 1980 and to say that the proposal has been examined by the Regional Empowered Committee constituted by Central Government under Section 3 of aforesaid Act.

2. After careful examination of the proposal of the State Govt and on the basis of the recommendations of Regional Empowered Committee on 19.12.2023 and State Govt letter eCF No.381903/38 dated 07.12.2023, "In Principle Approval/Stage- I" clearance of the Central Government is hereby granted for diversion of 14.28 ha of forest land for construction of 400 KV S/C LILO Silchar Byrnihat Transmission line in West Aprikola Reserve Forest under Kamrup East Division Basistha in favour of AEGCL subject to the following conditions:

A. Conditions which need to be complied prior to handing over of forest land by the State Forest Department.

- (1) The user agency shall transfer, the Net Present Value (NPV) **along with the revised rates of NPV** of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28/03/2008, 24/04/2008 and 09/05/2008 in Writ petition (Civil) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No 5-3/2007-FC dated 05.02.2009 and **File No.5-3/2011-FC(Vol-I) dated 21.03.2022**. The requisite funds shall be transferred through online portal into CAMPA account of the State concerned.
- (2) The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The scheme may

Assam Intra-State Transmission System Enhancement Project, Phase-1

include appropriate for anticipated cost increase for works scheduled for subsequent years;

- (3) All the funds received from the user agency (CA and dwarf plantation cost, NPV, etc) under the project shall be transferred/ deposited to Compensatory Afforestation Fund of Assam State managed by the Ad-hoc CAMPA only through **e-portal** (<https://parivesh.nic.in/>). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.
- (4) The KML files of the area to be diverted, the CA areas, the proposed SMC work, the proposed Catchment Area Treatment area and the WLMP area shall be uploaded on the e-Green watch portal with all requisite details before issuing working permission towards linear projects or submitting compliance report for seeking Stage II approval, as the case may be.
- (5) The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer;
- (6) The user agency shall explore the possibility of successful translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department;
- (7) The charges for felling, logging and transportation of project affected trees should be collected from the User Agency at the rates approved by the State Govt and deposited with the DFO concerned for utilization immediately following the diversion of forest land;
- (8) The expenditure like boundary walls, stone pillars, demarcation charges, cost of damage of trees the funds on these accounts should, be deposited with the DFO concerned;
- (9) The User Agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department;
- (10) The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector;
- (11) Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in Consolidated Guidelines And Clarifications issued Under Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 And Van (Sanrakshan Evam Samvardhan) Rules, 2023 issued by this Ministry.
- (12) The User Agency in consultation with the State Forest Department prepare a detailed scheme for creation and maintenance of plantation of dwarf species (preferably medicinal plants) in right of way under the transmission line for execution of the said scheme to the State Forest Department;
- (13) The compliance report shall be uploaded on **e-portal** (<https://parivesh.nic.in/>).

Assam Intra-State Transmission System Enhancement Project, Phase-1

B: Conditions which need to be strictly complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking shall be submitted prior to Stage-II approval:

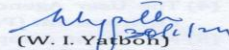
- (1) Legal status of the forest land shall remain unchanged.
- (2) The compensatory afforestation shall be taken up on double the degraded forest land of 30.30 ha of double the degraded forest land at Dhemaic Village, Sonapur Range in Kamrup Metropolitan District within three years from the date of Stage -II Clearance and maintained thereafter by the State Forest Department at the cost of the User Agency. As far as possible, a mixture of local indigenous species shall be planted and monoculture of any species may be avoided. The CA will be maintained for 10 years.
- (3) At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;
- (4) The User Agency shall obtain the Environment Clearance as per the provisions of Environment (Protection) Act, 1986, if required;
- (5) No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;
- (6) The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.
- (7) No damage to the flora and fauna of the adjoining area shall be caused;
- (8) The lay out of the proposal shall not be changed without the prior approval of the Central Government.
- (9) The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.
- (10) The User Agency at its cost shall provide bird deflectors, which are to be fixed on upper conductor of transmission line at suitable intervals to avoid bird hits.
- (11) The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.
- (12) The User Agency shall comply with the guidelines for laying transmission through forest areas issued by Ministry vide letter no. 7-25/2012-FC dated 05/05/2014 & 19/11/2014.
- (13) No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.
- (14) The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less.
- (15) The forest land shall not be used for any purpose other than that specified in the project proposal.
- (16) As per Ministry's letter No 11-30/96-FC(PT) dt 14.9.2001, if the compliance of stipulated conditions is awaited from the State Govt for more than 5(five) years, the in-

principle approval would be summarily revoked considering that the user agency is no longer interested in the project.

- (17) Any other conditions that the Regional Office, Shillong, Ministry of Environment, Forest & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife.

3. After the receipt of the compliance report from the State Government on fulfillment of the conditions mentioned above, final/stage-II approval of the Central Government, in accordance with Section 2 of the Forest (Conservation) Act, 1980, will be considered. Till the receipt of the Final / Stage-II approval of the Central Government for diversion of the said forest land from this Ministry, transfer of the said forest land to the User Agency shall not be affected by the State Government.

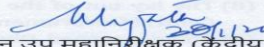
भवदीय,


(W. I. Yabon)

वन उप महानिरीक्षक (केन्द्रीय)

Deputy Inspector General of Forests(C)

Copy to:
The Principal Chief Conservator of Forests & HoFF, Govt of Assam, Environment and Forest Department, Aranya Bhawan, Rop Konwar Jyoti Prasad, Agarwal Path, Near Srimanta Sankardev Kalakhetra, Panjabari, Guwahati-781037.


वन उप महानिरीक्षक (केन्द्रीय)

Deputy Inspector General of Forests(C)

etc

Appendix 14

CAPACITY BUILDING ON THE SAFETY INDUCTIONS AND MEETINGS, INCLUDING SAFETY TOOLBOX TALKS CONDUCTED DURING THE REPORTING PERIOD

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
1	A	Jakhalabandha	02.01.2024	Toolbox talk	TBT at site hazard	
			03.01.2024	Toolbox talk	Maintenance of PPEs	
			04.01.2024	Toolbox talk	Hygiene of labour camp	
			05.01.2024	Toolbox talk	Material handling	
			06.01.2024	Toolbox talk	Steel cutting	
			08.01.2024	INDUCTION	Labour induction training	
			09.01.2024	Toolbox talk	Housekeeping at work area	
			10.01.2024	Toolbox talk	Steel cutting & bending	
			11.01.2024	Toolbox talk	Uses of hand glove for right work	
			12.01.2024	Toolbox talk	Cutting & bending	
			18.01.2024	Toolbox talk	Steel bending	
			19.01.2024	Toolbox talk	Use of PPEs at site	
			22.01.2024	Toolbox talk	Labour camp housekeeping	
			23.01.2024	INDUCTION	Labour induction training	
			24.01.2024	Toolbox talk	Work at height meeting	
			25.01.2024	Toolbox talk	Work at height meeting	
			27.01.2024	Toolbox talk	Proper maintenance PPEs at site	
			29.01.2024	Toolbox talk	Importance of PPEs	
			30.01.2024	Toolbox talk	Proper housekeeping at work area	
			31.01.2024	Toolbox talk	Labour room housekeeping	
			01.02.2024	Toolbox talk	Unsafe act	
			02.02.2024	Toolbox talk	Maintenance of PPEs	
			03.02.2024	Toolbox talk	Housekeeping	
			05.02.2024	Toolbox talk	Accident prevention meeting	
			06.02.2024	Toolbox talk	Work at height meeting	
			07.02.2024	Toolbox talk	Proper housekeeping at work place	
08.02.2024	Toolbox talk	Uses of PPEs				

Assam Intra-State Transmission System Enhancement Project, Phase-1

			09.02.2024	Toolbox talk	Cutting of power tools	
			10.02.2024	Toolbox talk	Uses of PPEs	
			12.02.2024	Toolbox talk	Steel cutting & bending	
			13.02.2024	Toolbox talk	Shuttering work	
			14.02.2024	Toolbox talk	Uses of PPEs at site	
			15.02.2024	Toolbox talk	Importance of hand gloves	
			16.02.2024	Toolbox talk	Site housekeeping	
			17.02.2024	Toolbox talk	Site hazard	
			19.02.2024	Toolbox talk	Site housekeeping	
			20.02.2024	Toolbox talk	Labour camp housekeeping	
			21.02.2024	Toolbox talk	Labour camp hygiene	
			22.02.2024	Toolbox talk	Material handling	
			23.02.2024	Toolbox talk	Uses of PPEs at site	
			24.02.2024	Toolbox talk	Site housekeeping	
			27.02.2024	Toolbox talk	Site hazard	
			28.02.2024	Toolbox talk	Follow the safety rule	
			29.02.2024	Toolbox talk	Site hazard	
			01.03.2024	Toolbox talk	Site housekeeping	
			02.03.2024	Toolbox talk	Site housekeeping	
			04.03.2024	INDUCTION	National safety weeks meeting	
			05.03.2024	Toolbox talk	Safety awareness	
			06.03.2024	Toolbox talk	Importance of PPE'S	
			07.03.2024	Toolbox talk	Job safety hazard	
			08.03.2024	Toolbox talk	Labour camp hygiene	
			09.03.2024	Toolbox talk	Site housekeeping	
			11.03.2024	Toolbox talk	General safety	
			13.03.2024	Toolbox talk	Importance of nose mask	
			14.03.2024	Toolbox talk	Importance of dust protection	
			15.03.2024	Toolbox talk	Job safety hazard	
			16.03.2024	Toolbox talk	Unsafe act	
			18.03.2024	Toolbox talk	Importance of safety	
			19.03.2024	Toolbox talk	Safety at height work	
			21.03.2024	Toolbox talk	Uses of PPES at site	
			22.03.2024	Toolbox talk	Housekeeping	
			23.03.2024	Toolbox talk	Cutting & bending	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			27.03.2024	Toolbox talk	Cutting & bending	
			28.03.2024	Toolbox talk	Site hazard	
			30.03.2024	Toolbox talk	Labour camp hygiene	
			01.04.2024	Toolbox talk	Importance of PPEs	
			02.04.2024	Toolbox talk	Site hazard	
			03.04.2024	Toolbox talk	Uses of PPEs	
			04.04.2024	TRAINING	Safety awareness meeting	
			05.04.2024	Toolbox talk	Importance of first aid	
			06.04.2024	Toolbox talk	Cutting & bending	
			08.04.2024	Toolbox talk	Importance of PPEs	
			22.04.2024	Toolbox talk	General safety	
			23.04.2024	Toolbox talk	General safety rule	
			24.04.2024	Toolbox talk	Job safety hazard	
			25.04.2024	Toolbox talk	Labour camp housekeeping	
			26.04.2024	Toolbox talk	Maintenance of PPEs	
			27.04.2024	Toolbox talk	Steel cutting & bending	
			29.04.2024	Toolbox talk	Bar bending work	
			30.04.2024	INDUCTION	Labour induction training	
			02.05.2024	Toolbox talk	Safety introduction	
			03.05.2024	Toolbox talk	General safety	
			04.05.2024	Toolbox talk	Uses of PPEs	
			06.05.2024	Toolbox talk	General safety	
			07.05.2024	Toolbox talk	Site housekeeping	
			08.05.2024	Toolbox talk	Use of PPEs at site	
			09.05.2024	Toolbox talk	Importance of safety	
			10.05.2024	TRAINING	Safety awareness meeting	
			11.05.2024	Toolbox talk	Housekeeping	
			13.05.2024	Toolbox talk	Steel cutting & bending	
			14.05.2024	Toolbox talk	Use of hand glove cutting & bending work	
			16.05.2024	Toolbox talk	General safety	
			17.05.2024	Toolbox talk	Use of PPEs	
			18.05.2024	Toolbox talk	Job safety hazard	
			20.05.2024	Toolbox talk	Uses of PPEs	
			21.05.2024	Toolbox talk	Housekeeping	
			22.05.2024	Toolbox talk	Importance of hand glove	

Assam Intra-State Transmission System Enhancement Project, Phase-1

		23.05.2024	Toolbox talk	Hot work	
		24.05.2024	Toolbox talk	Labour camp hygiene	
		25.05.2024	Toolbox talk	Hot work	
		27.05.2024	Toolbox talk	Importance of PPEs	
		29.05.2024	Toolbox talk	Site housekeeping	
		30.05.2024	Toolbox talk	Cutting & bending work	
		31.05.2024	Toolbox talk	Material handling	
		01.06.2024	Toolbox talk	Material handling	
		04.06.2024	Toolbox talk	Concrete work	
		05.06.2024	Toolbox talk	Importance of PPEs	
		06.06.2024	Toolbox talk	Importance of safety	
		07.06.2024	Toolbox talk	Housekeeping	
		10.06.2024	Toolbox talk	Housekeeping	
		11.06.2024	Toolbox talk	Steel cutting & bending	
		12.06.2024	Toolbox talk	Labour camp hygiene	
		13.06.2024	Toolbox talk	Job safety hazard	
	Bihpuria	02-01-2024	Toolbox talk	How to Prevent the accidents	
		03-01-2024	Toolbox talk	House keeping	
		04-01-2024	Toolbox talk	Use of PPE'S	
		05-01-2024	Toolbox talk	Personal Hygiene	
		06-01-2024	Toolbox talk	Hot Works	
		08-01-2024	Toolbox talk	Job safety hazards	
		09-01-2024	Toolbox talk	Importance of First Aid	
		10-01-2024	Toolbox talk	Electrical safety	
		16-01-2024	Toolbox talk	House keeping	
		17-01-2024	INDUCTION	NEW JOINING WORKERS	
		18-01-2024	Toolbox talk	Personal Hygiene	
		19-01-2024	Toolbox talk	Personal Hygiene	
		20-01-2024	Toolbox talk	Hot Works	
		22-01-2024	Toolbox talk	Job safety hazards	
		23-01-2024	Toolbox talk	Importance of First Aid	
		24-01-2024	Toolbox talk	Electrical safety	
		25-01-2024	Toolbox talk	Work at Height	
	26-01-2024	Toolbox talk	Fire and fire extinguishers		
	27-01-2024	Toolbox talk	usage of power tools		

Assam Intra-State Transmission System Enhancement Project, Phase-1

			29-01-2024	Toolbox talk	Basic Causes of Accidents	
			30-01-2024	Toolbox talk	How to Prevent the accidents	
			31-01-2024	Toolbox talk	House keeping	
			01-02-2024	INDUCTION	NEW JOINING WORKERS	
			02-02-2024	Toolbox talk	How to Prevent the accidents	
			03-02-2024	Toolbox talk	House keeping	
			05-02-2024	Toolbox talk	Personal Hygiene	
			06-02-2024	Toolbox talk	Hot Works	
			07-02-2024	Toolbox talk	Maintenance of PPE'S	
			08-02-2024	Toolbox talk	Job safety hazards	
			09-02-2024	Toolbox talk	Importance of First Aid	
			10-02-2024	Toolbox talk	Electrical safety	
			12-02-2024	Toolbox talk	Fire and fire extinguishers	
			13-02-2024	Toolbox talk	usage of power tools	
			14-02-2024	Toolbox talk	Basic Causes of Accidents	
			15-02-2024	Toolbox talk	How to Prevent the accidents	
			16-02-2024	Toolbox talk	House keeping	
			17-02-2024	Toolbox talk	Use of PPE'S	
			19-02-2024	Toolbox talk	Personal Hygiene	
			20-02-2024	Toolbox talk	Hot Works	
			21-02-2024	Toolbox talk	Maintenance of PPE'S	
			22-02-2024	Toolbox talk	Job safety hazards	
			23-02-2024	Toolbox talk	Importance of First Aid	
			24-02-2024	Toolbox talk	Electrical safety	
			26-02-2024	Toolbox talk	Fire and fire extinguishers	
			27-02-2024	Toolbox talk	usage of power tools	
			28-02-2024	Toolbox talk	usage of power tools	
			29-02-2024	Toolbox talk	Work at Height	
			01-03-2024	INDUCTION	NEW JOINING WORKERS	
			02-03-2024	Toolbox talk	How to Prevent the accidents	
			04-03-2024	Toolbox talk	Use of PPE'S	
			05-03-2024	Toolbox talk	Personal Hygiene	
			06-03-2024	Toolbox talk	Hot Works	
			07-03-2024	Toolbox talk	Maintenance of PPE'S	
			08-03-2024	Toolbox talk	Job safety hazards	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			09-03-2024	Toolbox talk	Importance of First Aid	
			11-03-2024	Toolbox talk	Work at Height	
			12-03-2024	Toolbox talk	Fire and fire extinguishers	
			13-03-2024	Toolbox talk	usage of power tools	
			14-03-2024	Toolbox talk	Basic Causes of Accidents	
			15-03-2024	Toolbox talk	How to Prevent the accidents	
			16-03-2024	Toolbox talk	House keeping	
			18-03-2024	Toolbox talk	Personal Hygiene	
			19-03-2024	Toolbox talk	Personal Hygiene	
			20-03-2024	Toolbox talk	Hot Works	
			21-03-2024	Toolbox talk	Maintenance of PPE'S	
			22-03-2024	Toolbox talk	Job safety hazards	
			23-03-2024	Toolbox talk	Importance of First Aid	
			26-03-2024	Toolbox talk	Fire and fire extinguishers	
			27-03-2024	Toolbox talk	usage of power tools	
			28-03-2024	Toolbox talk	usage of power tools	
			29-03-2024	Toolbox talk	Basic Causes of Accidents	
			30-03-2024	Toolbox talk	How to Prevent the accidents	
			01-04-2024	Toolbox talk	Basic Causes of Accidents	
			02-04-2024	Toolbox talk	How to Prevent the accidents	
			03-04-2024	INDUCTION	NEW JOINING WORKERS	
			04-04-2024	Toolbox talk	Use of PPE'S	
			05-04-2024	Toolbox talk	Personal Hygiene	
			06-04-2024	Toolbox talk	Hot Works	
			08-04-2024	Toolbox talk	Job safety hazards	
			09-04-2024	Toolbox talk	Importance of First Aid	
			10-04-2024	Toolbox talk	Electrical safety	
			16-04-2024	Toolbox talk	House keeping	
			17-04-2024	Toolbox talk	Use of PPE'S	
			18-04-2024	Toolbox talk	Personal Hygiene	
			19-04-2024	Toolbox talk	Personal Hygiene	
			20-04-2024	Toolbox talk	Hot Works	
			22-04-2024	Toolbox talk	Job safety hazards	
			23-04-2024	Toolbox talk	Importance of First Aid	
			24-04-2024	Toolbox talk	Electrical safety	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			25-04-2024	Toolbox talk	Work at Height	
			26-04-2024	Toolbox talk	Fire and fire extinguishers	
			27-04-2024	Toolbox talk	usage of power tools	
			30-04-2024	Toolbox talk	How to Prevent the accidents	
			02-05-2024	INDUCTION	NEW JOINING WORKERS	
			03-05-2024	Toolbox talk	House keeping	
			04-05-2024	INDUCTION	NEW JOINING WORKERS	
			06-05-2024	Toolbox talk	Hot Works	
			08-05-2024	Toolbox talk	Job safety hazards	
			09-05-2024	Toolbox talk	Importance of First Aid	
			10-05-2024	Toolbox talk	Electrical safety	
			11-05-2024	Toolbox talk	Work at Height	
			13-05-2024	Toolbox talk	usage of power tools	
			14-05-2024	Toolbox talk	Basic Causes of Accidents	
			15-05-2024	Toolbox talk	How to Prevent the accidents	
			16-05-2024	Toolbox talk	House keeping	
			17-05-2024	Toolbox talk	Use of PPE'S	
			18-05-2024	Toolbox talk	Personal Hygiene	
			20-05-2024	Toolbox talk	Hot Works	
			21-05-2024	Toolbox talk	Maintenance of PPE'S	
			22-05-2024	Toolbox talk	Job safety hazards	
			23-05-2024	Toolbox talk	Importance of First Aid	
			24-05-2024	Toolbox talk	Electrical safety	
			25-05-2024	Toolbox talk	Work at Height	
			31-05-2024	Toolbox talk	House keeping	
			01-06-2024	Toolbox talk	Basic Causes of Accidents	
			04-06-2024	Toolbox talk	Use of PPE'S	
			05-06-2024	Toolbox talk	Personal Hygiene	
			06-06-2024	Toolbox talk	Hot Works	
			07-06-2024	Toolbox talk	Maintenance of PPE'S	
			08-06-2024	Toolbox talk	Job safety hazards	
			10-06-2024	Toolbox talk	Electrical safety	
			11-06-2024	Toolbox talk	Work at Height	
			12-06-2024	Toolbox talk	Fire and fire extinguishers	
			13-06-2024	Toolbox talk	usage of power tools	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			14-06-2024	Toolbox talk	Basic Causes of Accidents	
			19-06-2024	Toolbox talk	Personal Hygiene	
			20-06-2024	Toolbox talk	Hot Works	
			22-06-2024	Toolbox talk	Job safety hazards	
			25-06-2024	Toolbox talk	Work at Height	
			28-06-2024	Toolbox talk	usage of power tools	
			29-06-2024	Toolbox talk	Basic Causes of Accidents	
2	B	Nagaon 2	03.01.2024	Toolbox talk	Unsafe act and unsafe condition	
			05.01.2024	Toolbox talk	Housekeeping	
			06.01.2024	Toolbox talk	Safe cement handling	
			04.02.2024	Toolbox talk	Safety during excavation	
			06.02.2024	Toolbox talk	Manual handling	
			09.02.2024	TRAINING	Material handling awareness training	
			10.02.2024	Toolbox talk	Housekeeping	
			14.02.2024	Toolbox talk	Safe cement handling	
			15.02.2024	Toolbox talk	PPE`s awareness	
			21.02.2024	Toolbox talk	Camp Hygiene	
			25.02.2024	Toolbox talk	Electrical Hazards	
			12.03.2024	INDUCTION	Safety induction training	
			13.03.2024	Toolbox talk	Housekeeping	
			14.03.2024	Toolbox talk	Precautions during hot weather	
			16.03.2024	Toolbox talk	Manual handling	
			18.03.2024	Toolbox talk	Unsafe act and condition	
			24.03.2024	Toolbox talk	Safe cement handling	
			26.03.2024	Toolbox talk	Housekeeping	
			27.03.2024	TRAINING	Electrical safety	
			29.03.2024	Toolbox talk	Safety during manual handling	
			02.04.2024	Toolbox talk	Safe operating mixture machine	
			03.04.2024	Toolbox talk	Housekeeping	
			04.04.2024	Toolbox talk	Hazards and risks during pile work	
			06.04.2024	Toolbox talk	Steel cutting and bending safety	
			15.04.2024	Toolbox talk	Hygiene maintenance	
			17.04.2024	Toolbox talk	Safe use of electrical tools	
22.04.2024	INDUCTION	Safety induction of workers				
23.04.2024	TRAINING	Safe concrete work				

Assam Intra-State Transmission System Enhancement Project, Phase-1

		24.04.2024	Toolbox talk	Electrical hazards	
		26.04.2024	Toolbox talk	Safe use of chop saw	
		30.04.2024	Toolbox talk	About Hygiene maintaining at site	
		02.05.2024	Toolbox talk	About safe loading/Unloading	
		03.05.2024	Toolbox talk	Safe lifting techniques	
		04.05.2024	Toolbox talk	Safety precautions for rainy weather	
		06.05.2024	Toolbox talk	Material handling safety	
		08.05.2024	Toolbox talk	Safe cement handling	
		10.05.2024	Toolbox talk	Excavation safety	
		16.05.2024	Toolbox talk	Unsafe act and Unsafe conditions	
		18.05.2024	Toolbox talk	Housekeeping	
		20.05.2024	Toolbox talk	Electrical hazards	
		21.05.2024	TRAINING	Work at height safety	
		23.05.2024	Toolbox talk	Safe ascending/descending	
		26.05.2024	Toolbox talk	Steel handling safety	
		29.05.2024	TRAINING	About reporting near miss, Unsafe conditions at site	
		03.06.2024	Toolbox talk	PPE's Awareness	
		05.06.2024	Toolbox talk	Safe use of tools and equipment's	
		08.06.2024	Toolbox talk	Unsafe act and unsafe conditions	
		10.06.2024	TRAINING	Environmental pollution	
		11.06.2024	Toolbox talk	Safe cement handling	
		15.06.2024	Toolbox talk	Safety points to ensure during work on scaffolding	
		22.06.2024	Toolbox talk	Safe lifting of materials	
		23.06.2024	TRAINING	Manpower shortage and site observations	
		26.06.2024	Toolbox talk	Work at height hazards	
		29.06.2024	Toolbox talk	Electrical safety	
	Chaygaon	12.06.2024	Toolbox talk	Use & importance of PPEs at site	
		13.06.2024	Toolbox talk	Scaffolding and work at height	
		15.06.2024	Toolbox talk	Good housekeeping at site	
		18.06.2024	Toolbox talk	Electrical work	
		24.06.2024	Training	General safety	
		25.06.2024	Toolbox talk	Good housekeeping at site	
		26.06.2024	Toolbox talk	Scaffolding and machinery safety	
		28.06.2024	Training	Work at height	
		29.06.2024	Toolbox talk	Cutting machinery safety	

Assam Intra-State Transmission System Enhancement Project, Phase-1

3	C	Burhigaon	02.01.2024	Toolbox talk	Electrical safety	
			03.01.2024	Training	Safety training	
			04.01.2024	Toolbox talk	Housekeeping and use of PPE	
			05.01.2024	Toolbox talk	Work place violence	
			06.01.2024	Toolbox talk	Drug or Alcohol abuse on the job	
			08.01.2024	Toolbox talk	Electrical and fire safety	
			09.01.2024	Toolbox talk	Electrical Safety	
			10.01.2024	Toolbox talk	Scaffolding and machinery safety	
			11.01.2024	Toolbox talk	Hearing and Eye protection	
			12.01.2024	Toolbox talk	Excavation safety	
			16.01.2024	Toolbox talk	Electrical safety	
			17.01.2024	Toolbox talk	Head Safety & Housekeeping	
			18.01.2024	Toolbox talk	General Safety	
			19.01.2024	Toolbox talk	Electrical safety	
			20.01.2024	Toolbox talk	Use of Safety belt	
			22.01.2024	Training	Safety training	
			23.01.2024	Toolbox talk	Electrical safety and housekeeping	
			24.01.2024	Toolbox talk	Work at height	
			25.01.2024	Toolbox talk	Health & Hygiene	
			27.01.2024	Toolbox talk	Proper use of PPE	
			29.01.2024	Toolbox talk	Work at height safety	
			30.01.2024	Toolbox talk	Material handling	
			01.02.2024	Toolbox talk	Emergency response and what's to do and don't	
			02.02.2024	Toolbox talk	Electrical safety	
			03.02.2024	Toolbox talk	House keeping	
			05.02.2024	Toolbox talk	Work at height	
			06.02.2024	Training	Safety training	
			07.02.2024	Toolbox talk	Electrical safety and housekeeping	
			09.02.2024	Toolbox talk	General safety	
			12.02.2024	Toolbox talk	Work at height safety	
			13.02.2024	Toolbox talk	Proper use of PPE	
			14.02.2024	Toolbox talk	Health & Hygiene	
			15.02.2024	Toolbox talk	Electrical safety	
			16.02.2024	Toolbox talk	House keeping	
17.02.2024	Toolbox talk	Use of safety belt				

Assam Intra-State Transmission System Enhancement Project, Phase-1

			20.02.2024	Toolbox talk	Electrical and fire safety	
			21.02.2024	Toolbox talk	Electrical safety	
			22.02.2024	Toolbox talk	Material handling	
			23.02.2024	Toolbox talk	Hearing and Eye protection	
			24.02.2024	Toolbox talk	Excavation safety	
			26.02.2024	Toolbox talk	Housekeeping	
			27.02.2024	Toolbox talk	Work at height use of PPE	
			28.02.2024	Toolbox talk	Electrical safety	
			01.03.2024	Toolbox talk	Head Safety and housekeeping	
			02.03.2024	Toolbox talk	House keeping	
			04.03.2024	Training	Basic first aid training	
			05.03.2024	Toolbox talk	Electrical and fire safety	
			06.03.2024	Toolbox talk	Electrical SAFETY	
			07.03.2024	Toolbox talk	General safety	
			09.03.2024	Toolbox talk	Excavation safety	
			13.03.2024	Toolbox talk	Work at height	
			14.03.2024	Toolbox talk	Electrical safety	
			15.03.2024	Toolbox talk	Housekeeping	
			16.03.2024	Toolbox talk	Work at height	
			18.03.2024	Toolbox talk	Head Safety and housekeeping	
			19.03.2024	Toolbox talk	House keeping	
			20.03.2024	Toolbox talk	Safe use of safety belt	
			21.03.2024	Toolbox talk	General safety	
			22.03.2024	Toolbox talk	Electrical and fire safety	
			26.03.2024	Toolbox talk	Hearing and Eye protection	
			27.03.2024	Toolbox talk	Excavation safety	
			28.03.2024	Training	Topic include safety glasses, hearing protection, safety gloves, boots, and reflective clothing	
			29.03.2024	Toolbox talk	House keeping	
			30.03.2024	Toolbox talk	Use of safety belt	
			01.04.2024	Toolbox talk	Material handling	
			02.04.2024	Toolbox talk	Electrical and fire safety	
			03.04.2024	Toolbox talk	Electrical safety	
			04.04.2024	Toolbox talk	Proper use of PPE	
			05.04.2024	Toolbox talk	Hearing and Eye protection	

Assam Intra-State Transmission System Enhancement Project, Phase-1

		06.04.2024	Toolbox talk	Excavation safety	
		08.04.2024	Toolbox talk	Housekeeping	
		09.04.2024	Toolbox talk	Work at height	
		10.04.2024	Toolbox talk	Electrical safety	
		11.04.2024	Toolbox talk	Housekeeping	
		18.04.2024	Toolbox talk	Use of safety belt	
		19.04.2024	Toolbox talk	General safety	
		20.04.2024	Toolbox talk	Electrical and fire safety	
		22.04.2024	Toolbox talk	Use of PPE	
		23.04.2024	Toolbox talk	House keeping	
		24.04.2024	Toolbox talk	Material handling	
		25.04.2024	Toolbox talk	Health and hygiene	
		27.04.2024	Toolbox talk	Electrical and fire safety	
		29.04.2024	Training	Electrical machines safety	
		30.04.2024	Toolbox talk	Hearing and Eye protection	
		02.05.2024	Toolbox talk	Proper use of PPE	
		03.5.2024	Toolbox talk	Housekeeping	
		04.05.2024	Toolbox talk	Work at height	
		06.05.2024	Toolbox talk	Housekeeping	
		07.05.2024	Toolbox talk	Work at height	
		08.5.2024	Toolbox talk	Electrical safety	
		09.05.2024	Toolbox talk	Head Safety and housekeeping	
		10.5.2024	Toolbox talk	House keeping	
		11.05.2024	Toolbox talk	Use of safety belt	
		13.5.2024	Toolbox talk	Electrical and fire safety	
		14.05.2024	Toolbox talk	Electrical safety	
		15.05.2024	Toolbox talk	Material handling	
		16.05.2024	Toolbox talk	House keeping	
		17.05.2024	Toolbox talk	Work at height	
		18.5.2024	Toolbox talk	General safety	
		20.05.2024	Toolbox talk	Electrical SAFETY	
		21.05.2024	Toolbox talk	Health and hygiene	
		22.05.2024	Toolbox talk	Hearing and Eye protection	
		23.05.2024	Toolbox talk	Excavation safety	
		24.05.2024	Training	Use of safety belt	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			25.05.2024	Toolbox talk	Housekeeping	
			27.05.2024	Toolbox talk	Electrical safety	
			28.05.2024	Toolbox talk	Housekeeping	
			29.05.2024	Toolbox talk	Work at height	
			31.05.2024	Toolbox talk	Electrical safety	
			01.06.2024	Toolbox talk	Use of PPE	
			03.06.2024	Toolbox talk	Housekeeping	
			04.06.2024	Toolbox talk	Work at height	
			05.06.2024	Toolbox talk	Electrical safety	
			06.06.2024	Toolbox talk	Housekeeping	
			07.06.2024	Toolbox talk	Material handling	
			08.06.2024	Toolbox talk	Electrical safety	
			10.06.2024	Toolbox talk	Work at height	
			11.06.2024	Toolbox talk	Electrical safety	
			12.06.2024	Toolbox talk	Housekeeping	
			13.06.2024	Toolbox talk	General safety	
			14.06.2024	Toolbox talk	Electrical safety	
			15.06.2024	Toolbox talk	Housekeeping	
			18.06.2024	Toolbox talk	Health and hygiene	
			19.06.2024	Toolbox talk	Work at height	
			20.06.2024	Toolbox talk	Electrical safety	
			21.06.2024	Toolbox talk	Housekeeping	
			22.06.2024	Toolbox talk	Use of PPE	
			24.06.2024	Toolbox talk	Use of safety belt at height	
			25.06.2024	Toolbox talk	Electrical machines	
			26.06.2024	Toolbox talk	Electrical safety	
			27.06.2024	Toolbox talk	Housekeeping	
			28.06.2024	Toolbox talk	Work at height	
			29.06.2024	Toolbox talk	Material handling	
4	D	Khumtai	05.01.2024	Induction	<ol style="list-style-type: none"> 1. Brief introduction of project 2. Information about HS policy 3. Awareness about safety 4. Identification and reporting of deviation near miss lost time 5. Tool and plant 6. Emergency plan assembly point 	

Assam Intra-State Transmission System Enhancement Project, Phase-1

					<ul style="list-style-type: none"> 7. Work at height 8. Personal protective equipment 9. Hazard (type of hazard) 10. Fire fighting 11. Lifting equipment 12. Electrical safety etc. 	
			06.01.2024	Toolbox talk	<ul style="list-style-type: none"> 1. Work at height 2. Use of PPE 3. Fall of material 	
			11.01.2024	Toolbox talk	<ul style="list-style-type: none"> 1. Use of PPE 2. Manual handling 	
			15.01.2024	Toolbox talk	<ul style="list-style-type: none"> 1. Full body hornet 2. Accident reporting 	
			20.01.2024	Mock drill	Work at height	
			25.01.2024	Meeting	<ul style="list-style-type: none"> 1. Excavation work 2. Housekeeping 	
			31.01.2024	Toolbox talk	<ul style="list-style-type: none"> 1. Electrical hazard 2. Health and hygiene 	
			02.02.2024	Toolbox talk	<ul style="list-style-type: none"> 1. Housekeeping electrical 2. Type of hazard 	
			06.02.2024	Toolbox talk	<ul style="list-style-type: none"> 1. Health and hygiene 2. Hazard in poor illuminations 	
			15.02.2024	Meeting	<ul style="list-style-type: none"> 1. Safety awareness 2. Importance of safety 	
			20.02.2024	Toolbox talk	<ul style="list-style-type: none"> 1. Material lifting 2. Noise air water pollution 	
			26.02.2024	Toolbox talk	Hazard in casting work	
			01.03.2024	Toolbox talk	<ul style="list-style-type: none"> 1. Safety awareness 2. good practice 	
			04.03.2024	Toolbox talk	Electrical safety Precautions	
			05.03.2024 & 06.03.2024	Meeting	<ul style="list-style-type: none"> 1. Safety oath 2. Safety flag hosting 3. Drawing competition 4. Health and hygiene 5. Price distribution 	
			07.03.2024	Toolbox talk	Work at height	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			11.03.2024	Toolbox talk	<ol style="list-style-type: none"> 1. What is risk 2. What is hazard 3. What is near miss 	
			15.03.2024	Toolbox talk	Housekeeping	
			20.03.2024	Toolbox talk	Excavation work	
			26.03.2024	Toolbox talk	electrical safety	
			04.04.2024	Meeting	Snake bite hazard and precaution	
			08.04.2024	Mock drill	Excavation hazard	
			12.04.2024	Toolbox talk	Hot work	
			18.04.2024	Toolbox talk	Importance of work permit	
			25.04.2024	Toolbox talk	How to report incident accident	
			30.04.2024	Toolbox talk	Health and hygiene	
			02.05.2024	Toolbox talk	Work without alcohol	
			06.05.2024	Toolbox talk	What is welfare	
			08.05.2024	Toolbox talk	Housekeeping	
			10.05.2024	Toolbox talk	Tree plantation	
			15.05.2024	Toolbox talk	Electrical hazard	
			22.05.2024	Toolbox talk	<ol style="list-style-type: none"> 1. Height work 2. Height work risk 	
			23.05.2024	Toolbox talk	Loading unloading	
			28.05.2024	Toolbox talk	Manual loading unloading	
			05.06.2024	Toolbox talk	World environment day	
			06.06.2024	Toolbox talk	Environment chain	
			10.06.2024	Induction training	<ol style="list-style-type: none"> 1. Brief introduction of project 2. Information about HS policy 3. Awareness about safety 4. Identification and reporting of deviation near miss lost time 5. Tool and plant 6. Emergency plan assembly point 7. Work at height 8. Personal protective equipment 9. Hazard (type of hazard) 10. Fire fighting 11. Lifting equipment 12. Electrical safety 	
			15.06.2024	Safety committee	Rule and responsibility	

Assam Intra-State Transmission System Enhancement Project, Phase-1

5	E	Sankardevnagar	02.01.2024	Toolbox Talk	General Safety Precaution taken during site work	
			03.01.2024	Toolbox Talk	Electrical safety Precautions	
			04.01.2024	Toolbox Talk	Safe working on height work	
			05.01.2024	Toolbox Talk	Good Housekeeping maintaining at site	
			06.01.2024	Toolbox Talk	Safe maintaining of health during site work	
			08.01.2024	Toolbox Talk	Snake bite preventive measure taken during site work	
			09.01.2024	Toolbox Talk	Areas housekeeping	
			10.01.2024	Toolbox Talk	Health and hygiene	
			11.01.2024	Induction	General Safety training	
			12.01.2024	Induction	National Road Safety week awareness	
			16.01.2024	Toolbox Talk	Personal disorder maintaining in office work	
			17.01.2024	Toolbox Talk	Good sitting posture during computer work	
			18.01.2024	Induction	Road Safety training	
			19.01.2024	Toolbox Talk	Importance of blood donate to other	
			23.01.2024	Toolbox Talk	Safe Manual material handling	
			24.01.2024	Toolbox Talk	Safe Material handling By Crane	
			25.01.2024	Toolbox Talk	Stress management in site work	
			27.01.2024	Induction	General Safety training	
			29.01.2024	Toolbox Talk	Safe use of drinking water	
			30.01.2024	Toolbox Talk	Don't waste of drinking water	
			31.01.2024	Toolbox Talk	Awareness on height safety	
			01.02.2024	Toolbox Talk	Discussion of alcohol (linker) policy	
			02.02.2024	Toolbox Talk	Proper Excavation safety maintaining at site	
			03.02.2024	Toolbox Talk	Existing Substation safety measure followed during construction activity	
			05.02.2024	Toolbox Talk	Vehicle safety in construction site	
			06.02.2024	Toolbox Talk	Safe Manual material handling	
			07.02.2024	Toolbox Talk	Safe Material handling By Crane	
			08.02.2024	Toolbox Talk	Stress management in site work	
			09.02.2024	Toolbox Talk	PDCA Discussion	
			10.02.2024	Toolbox Talk	General Safety training	
			12.02.2024	Toolbox Talk	Traffic Sign board followed to bike rider s	
13.02.2024	Toolbox Talk	Workmen camp hygiene maintain				
14.02.2024	Toolbox Talk	Personal disorder maintaining in office work				
15.02.2024	Induction	PPEs awareness Safety Training				

Assam Intra-State Transmission System Enhancement Project, Phase-1

			16.02.2024	Toolbox Talk	Traffic safety management	
			17.02.2024	Toolbox Talk	Traffic Sign board followed to bike rider s	
			19.02.2024	Toolbox Talk	Personal disorder maintaining in office work	
			20.02.2024	Toolbox Talk	General Safety Precaution taken during site work	
			21.02.2024	Toolbox Talk	Electrical safety Precautions	
			22.02.2024	Toolbox Talk	Workmen camp hygiene maintain	
			23.02.2024	Toolbox Talk	Emergency of Fall from Height and Major injury	
			24.02.2024	Toolbox Talk	Traffic safety management	
			26.02.2024	Toolbox Talk	Workmen camp hygiene maintain	
			27.02.2024	Toolbox Talk	Personal disorder maintaining in office work	
			28.02.2024	Toolbox Talk	Workmen camp hygiene maintain	
			29.02.2024	Meeting	1. Pre- Medical test to be done before Joining. 2. Safety during plastering work at site. 3. PPEs are mandatory to all worker and staff at site.	
			01.03.2024	Toolbox Talk	General Safety Precaution taken during site work	
			02.03.2024	Toolbox Talk	Electrical safety Precautions	
			04.03.2024	Induction	National Safety day / week awareness	
			05.03.2024	Toolbox Talk	General Safety Precaution taken during site work	
			06.03.2024	Toolbox Talk	Electrical safety Precautions	
			07.03.2024	Induction	HIV , TB awareness training	
			08.03.2024	Toolbox Talk	General Safety Precaution taken during site work	
			09.03.2024	Toolbox Talk	Electrical safety Precautions	
			12.03.2024	Toolbox Talk	Safe maintaining of health during site work	
			13.03.2024	Toolbox Talk	Mantel health issue	
			16.03.2024	Toolbox Talk	Health and hygiene	
			19.03.2024	Toolbox Talk	Traffic safety management	
			20.03.2024	Toolbox Talk	Traffic Sign board followed to bike rider s	
			21.03.2024	Toolbox Talk	Workmen camp hygiene maintain	
			22.03.2024	Toolbox Talk	Personal disorder maintaining in office work	
			23.03.2024	Toolbox Talk	General Safety Precaution taken during site work	
			28.03.2024	Toolbox Talk	General Safety Precaution taken during site work	
			29.03.2024	Toolbox Talk	Electrical safety Precautions	
			30.03.2024	Toolbox Talk	HIV , TB awareness training	
			01.04.2024	Toolbox Talk	Electrical safety Precautions	
			02.04.2024	Toolbox Talk	Safe working on height work	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			03.04.2024	Toolbox Talk	Good Housekeeping maintaining at site	
			04.04.2024	Toolbox Talk	Safe maintaining of health during site work	
			05.04.2024	Toolbox Talk	Maintel health issue	
			06.04.2024	Toolbox Talk	Snake bite preventive measure taken during site work	
			08.04.2024	Toolbox Talk	Health and hygiene	
			23.04.2024	Toolbox Talk	General Safety Precaution taken during site work	
			24.04.2024	Toolbox Talk	Electrical safety Precautions	
			25.04.2024	Toolbox Talk	General Safety Precaution taken during site work	
			26.04.2024	Toolbox Talk	Electrical safety Precautions	
			30.04.2024	Toolbox Talk	Emergency of Fall from Height and PPEs awareness	
			03.05.2024	Toolbox Talk	Personal disorder maintaining in office work	
			04.05.2024	Toolbox Talk	PPEs awareness Safety Training	
			06.05.2024	Toolbox Talk	Traffic Sign board followed to bike rider s	
			07.05.2024	Toolbox Talk	Workmen camp hygiene maintain	
			08.05.2024	Toolbox Talk	Personal disorder maintaining in office work	
			09.05.2024	Toolbox Talk	General Safety Precaution taken during site work	
			13.05.2024	Toolbox Talk	Personal disorder maintaining in office work	
			14.05.2024	Induction	PPEs awareness Safety training	
			16.05.2024	Toolbox Talk	Electrical safety Precautions	
			17.05.2024	Toolbox Talk	HIV , TB awareness training	
			18.05.2024	Toolbox Talk	General Safety Precaution taken during site work	
			20.05.2024	Toolbox Talk	Workmen camp hygiene maintain	
			21.05.2024	Toolbox Talk	Personal disorder maintaining in office work	
			22.05.2024	Induction	Heat stroke prevention	
			23.05.2024	Induction	EHS Induction training	
			24.05.2024	Toolbox Talk	General Safety Precaution taken during site work	
			25.0.2024	Toolbox Talk	Electrical safety Precautions	
			29.05.2024	Toolbox Talk	Traffic safety management	
			30.05.2024	Meeting	1. Safety during plastering work at site 2. PPEs are mandatory to all Worker 3. Height work and Major injury.	
			31.05.2024	Induction	Safety Motivational Program and General Safety training	
			01.06.2024	Toolbox Talk	General Safety Precaution taken during site work	
			04.06.2024	Toolbox Talk	General Safety Precaution taken during site work	
			05.06.2024	Induction	1. World Environment day awareness program	

Assam Intra-State Transmission System Enhancement Project, Phase-1

				2. Theme - Land restoration, Desertification and drought resilience awareness	
		06.06.2024	Toolbox Talk	Traffic safety management	
		07.06.2024	Toolbox Talk	PPEs are mandatory to all Worker	
		08.06.2024	Toolbox Talk	Personal disorder maintaining in office work	
		10.06.2024	Toolbox Talk	Traffic safety management	
		11.06.2024	Toolbox Talk	Traffic Sign board followed to bike rider s	
		12.06.2024	Toolbox Talk	Workmen camp hygiene maintain	
		13.06.2024	Toolbox Talk	Personal disorder maintaining in office work	
		14.06.2024	Toolbox Talk	General Safety Precaution taken during site work	
		17.06.2024	Toolbox Talk	Electrical safety Precautions	
		18.06.2024	Toolbox Talk	HIV , TB awareness training	
		19.06.2024	Toolbox Talk	General Safety Precaution taken during site work	
		20.06.2024	Toolbox Talk	Traffic safety management	
		21.06.2024	Induction	Yoga training (Theme -Yoga self and Society) for all Worker and staff	
		22.06.2024	Toolbox Talk	General Safety Precaution taken during site work	
		24.06.2024	Toolbox Talk	HIV , TB awareness training	
		25.06.2024	Toolbox Talk	General Safety Precaution taken during site work	
		26.06.2024	Toolbox Talk	Emergency of Electrical safety for working site	
		28.06.2024	Toolbox Talk	Electrical safety Precautions	
		29.06.2024	Toolbox Talk	HIV , TB awareness training	
	Agomoni	02-01-2024	Toolbox Talk	Work Permit System	
		03-01-2024	Toolbox Talk	Proper use of portable Ladder	
		04-01-2024	Toolbox Talk	Temporary Electrical Safety	
		05-01-2024	Toolbox Talk	Alcohol Consumption	
		06-01-2024	Toolbox Talk	Grinder Safety	
		08-01-2024	Toolbox Talk	Combustible Materials	
		09-01-2024	Toolbox Talk	Defensive Driving	
		10-01-2024	Toolbox Talk	Dust Noise	
		11-01-2024	Toolbox Talk	Equipment, Machine and Tool Guards	
		12-01-2024	Toolbox Talk	Ergonomics at work	
		13-01-2024	Toolbox Talk	Excavation Safety	
		15-01-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
		16-01-2024	Toolbox Talk	Working at Height, Fall Protection Anchor System	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			17-01-2024	Toolbox Talk	Fire Extinguisher	
			18-01-2024	Toolbox Talk	Hand Tools Safety	
			19-01-2024	Toolbox Talk	Head Protection	
			20-01-2024	Toolbox Talk	Housekeeping	
			23-01-2024	Toolbox Talk	Ladder Safety	
			24-01-2024	Toolbox Talk	Loading/Unloading Safety	
			25-01-2024	Toolbox Talk	Manual Handling	
			27-01-2024	Toolbox Talk	Permits To Work (PTW)	
			29-01-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			30-01-2024	Toolbox Talk	High Voltage Power Line Safety	
			31-01-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			01-02-2024	Toolbox Talk	Rebar and Impalement Hazards	
			02-02-2024	Toolbox Talk	Safe Use of Power Tools	
			03-02-2024	Toolbox Talk	Scaffold Safety, Falls from Height	
			05-02-2024	Toolbox Talk	Sharp Objects	
			06-02-2024	Toolbox Talk	Site Access and Egress	
			07-02-2024	Toolbox Talk	Slips, Trips and Falls	
			08-02-2024	Toolbox Talk	Welding Safety	
			09-02-2024	Toolbox Talk	Hand Tools Safety	
			10-02-2024	Toolbox Talk	Head Protection	
			12-02-2024	Toolbox Talk	Housekeeping	
			13-02-2024	Toolbox Talk	Ladder Safety	
			14-02-2024	Toolbox Talk	Loading/Unloading Safety	
			15-02-2024	Toolbox Talk	Manual Handling	
			16-02-2024	Toolbox Talk	Permits To Work (PTW)	
			17-02-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			19-02-2024	Toolbox Talk	High Voltage Power Line Safety	
			20-02-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			21-02-2024	Toolbox Talk	Work Permit System	
			23-02-2024	Toolbox Talk	Proper use of portable Ladder	
			24-02-2024	Toolbox Talk	Temporary Electrical Safety	
			26-02-2024	Toolbox Talk	Alcohol Consumption	
			27-02-2024	Toolbox Talk	Grinder Safety	
			28-02-2024	Toolbox Talk	Combustible Materials	
			29-02-2024	Toolbox Talk	Defensive Driving	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			01-03-2024	Toolbox Talk	Proper use of portable Ladder	
			02-03-2024	Toolbox Talk	Proper use of portable Ladder	
			04-03-2024	Toolbox Talk	Temporary Electrical Safety	
			05-03-2024	Toolbox Talk	Alcohol Consumption	
			06-03-2024	Toolbox Talk	Grinder Safety	
			07-03-2024	Toolbox Talk	Combustible Materials	
			08-03-2024	Toolbox Talk	Defensive Driving	
			09-03-2024	Toolbox Talk	Dust Noise	
			11-03-2024	Toolbox Talk	Equipment, Machine and Tool Guards	
			12-03-2024	Toolbox Talk	Ergonomics at work	
			13-03-2024	Toolbox Talk	Excavation Safety	
			14-03-2024	Toolbox Talk	Proper use of portable Ladder	
			15-03-2024	Toolbox Talk	Hand Tools Safety	
			16-03-2024	Toolbox Talk	Head Protection	
			18-03-2024	Toolbox Talk	Housekeeping	
			19-03-2024	Toolbox Talk	Ladder Safety	
			21-03-2024	Toolbox Talk	Loading/Unloading Safety	
			22-03-2024	Toolbox Talk	Manual Handling	
			23-03-2024	Toolbox Talk	Permits To Work (PTW)	
			26-03-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			27-03-2024	Toolbox Talk	High Voltage Power Line Safety	
			28-03-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			29-03-2024	Toolbox Talk	Work Permit System	
			30-03-2024	Toolbox Talk	Hand Tools Safety	
			02-04-2024	Toolbox Talk	Fire Extinguisher	
			03-04-2024	Toolbox Talk	Hand Tools Safety	
			04-04-2024	Toolbox Talk	Head Protection	
			05-04-2024	Toolbox Talk	Housekeeping	
			06-04-2024	Toolbox Talk	Ladder Safety	
			08-04-2024	Toolbox Talk	Loading/Unloading Safety	
			09-04-2024	Toolbox Talk	Manual Handling	
			10-04-2024	Toolbox Talk	Permits To Work (PTW)	
			11-04-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			12-04-2024	Toolbox Talk	High Voltage Power Line Safety	
			13-04-2024	Toolbox Talk	Safety During Shuttering, Concreting	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			16-04-2024	Toolbox Talk	Rebar and Impalement Hazards	
			18-04-2024	Toolbox Talk	Safe Use of Power Tools	
			19-04-2024	Toolbox Talk	Scaffold Safety, Falls from Height	
			22-04-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			23-04-2024	Toolbox Talk	High Voltage Power Line Safety	
			24-04-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			25-04-2024	Toolbox Talk	Rebar and Impalement Hazards	
			26-04-2024	Toolbox Talk	Safe Use of Power Tools	
			27-04-2024	Toolbox Talk	Scaffold Safety, Falls from Height	
			29-04-2024	Toolbox Talk	Sharp Objects	
			30-04-2024	Toolbox Talk	Site Access and Egress	
			02-05-2024	Toolbox Talk	Unsafe Condition /Unsafe Act	
			03-05-2024	Toolbox Talk	Slips Trips & Falls	
			04-05-2024	Toolbox Talk	Personal Protective Equipment (PPE)	
			06-05-2024	Toolbox Talk	Muddy Work Areas	
			08-05-2024	Toolbox Talk	Lightening Safety	
			09-05-2024	Toolbox Talk	Ladder Safety	
			10-05-2024	Toolbox Talk	Heavy Equipment Operation	
			11-05-2024	Toolbox Talk	Hand Tool Safety	
			13-05-2024	Toolbox Talk	Fire Fighting	
			14-05-2024	Toolbox Talk	Table top / Mock Drill	
			15-05-2024	Toolbox Talk	Concrete work	
			16-05-2024	Toolbox Talk	Shuttering Work	
			17-05-2024	Toolbox Talk	Staging Work	
			18-05-2024	Toolbox Talk	Rebar Cutting, Bending, Shifting & Fixing	
			20-05-2024	Toolbox Talk	Over Head High Voltage Line	
			21-05-2024	Toolbox Talk	Concrete work at Height	
			22-05-2024	Toolbox Talk	Steel Shifting/Fixing at height	
			23-05-2024	Toolbox Talk	Uses of Full Body Harness	
			24-05-2024	Toolbox Talk	Work Permit System	
			25-05-2024	Toolbox Talk	Proper use of portable Ladder	
			27-05-2024	Toolbox Talk	Temporary Electrical Safety	
			30-05-2024	Toolbox Talk	Alcohol Consumption	
			31-05-2024	Toolbox Talk	Grinder Safety	
			01-06-2024	Toolbox Talk	Slips Trips & Falls	

Assam Intra-State Transmission System Enhancement Project, Phase-1

			03-06-2024	Toolbox Talk	Personal Protective Equipment (PPE)		
			04-06-2024	Toolbox Talk	Muddy Work Areas		
			05-06-2024	Toolbox Talk	Lightening Safety		
			06-06-2024	Toolbox Talk	Ladder Safety		
			07-06-2024	Toolbox Talk	Heavy Equipment Operation		
			08-06-2024	Toolbox Talk	Hand Tool Safety		
			10-06-2024	Toolbox Talk	Fire Fighting		
			12-06-2024	Toolbox Talk	Table top / Mock Drill		
			14-06-2024	Toolbox Talk	Concrete work		
			21-06-2024	Toolbox Talk	Shuttering Work		
			22-06-2024	Toolbox Talk	Staging Work		
			24-06-2024	Toolbox Talk	Rebar Cutting, Bending, Shifting & Fixing		
			26-06-2024	Toolbox Talk	Over Head High Voltage Line		
			27-06-2024	Toolbox Talk	Concrete work at Height		
			28-06-2024	Toolbox Talk	Steel Shifting/Fixing at height		
			29-06-2024	Toolbox Talk	Uses of Full Body Harness		
6	F	Gohpur	EHS officer not available/deployed				

Assam Intra-State Transmission System Enhancement Project, Phase-1

Appendix 15
Accident monitoring during the period of January to June, 2024

Sl. No.	Packages	Name of Substation	Date of accident	Location of accident	Type of accident (First Aid Case/Minor Accident; Loss Time Accident/Serious Accident requiring hospitalization and time away from work; and Fatalities)	Short description of accident	Measures to prevent occurrences
1	A	Jakhalabandha	05/01/2024	CRB Building	First Aid Case	Minor Cut on the leg	Gumboot provided
			10/01/2024	CRB Building	First Aid Case	Minor Cut on the right hand	Gloves was provided
			19/02/2024	CRB Building	First Aid Case	Minor Cut on the right hand	Gloves was provided
			05/03/2024	GIS Building	First Aid Case	Minor Cut on the right hand	Gloves was provided
			16/05/2024	Stuff Hostel	First Aid Case	Minor Cut on the right hand	Gloves was provided
			24/05/2024	CRB Building	First Aid Case	Minor Cut on the right leg	Gumboot provided
			13/06/2024	GIS Building	First Aid Case	Minor Cut on the left hand	Gloves was provided
		Bihpuria	07/01/2024	Bihpuria S/S	Lag pain	While bending heavy rods	Voline was provided
			16/01/2024	Bihpuria S/S	Hand Scratch	While steel binding and fixing	Gloves was provided
			24/01/2024	Bihpuria S/S	Minor cut in fore arm	While steel binding and fixing	Gloves was provided
			07/02/2024	Bihpuria S/S	Back pain	While bending heavy rods	Voline was provided
			27/02/2024	Bihpuria S/S	Minor cut at calf	While plinth beam steel binding and fixing and shuttering work	Gumboot provided
			11/03/2024	Bihpuria S/S	Hand minor cut	While steel binding and fixing	Gloves was provided
			14/03/2024	Bihpuria S/S	Back pain	While bending heavy rods	Voline was provided
			08/04/2024	Bihpuria S/S	Minor cut of lag	While plinth beam steel binding and fixing and shuttering work	Gumboot provided
			10/04/2024	Bihpuria S/S	Minor scratch at arm	While steel binding and fixing	Gloves was provided
			05/05/2024	Bihpuria S/S	Minor cut of arm	While steel binding and fixing	Gloves was provided
			26/05/2024	Bihpuria S/S	Minor cut hand	While steel binding and fixing	Gloves was provided
			02/06/2024	Bihpuria S/S	Minor cut of hand	While steel binding and fixing	Gloves was provided
08/06/2024	Bihpuria S/S	Minor scratch of arm	While steel binding and fixing	Gloves was provided			
2	B	Nagaon 2	01/02/2024	Boundary wall	First Aid Case	Minor cut in right hand finger by hitting with bolder	First aid given by Uday .P.Singh and Safe manual handling training given to worker to avoid reoccurrence.

*OFFICIAL USE ONLY

Assam Intra-State Transmission System Enhancement Project, Phase-1

			16/03/2024	GIS Building	First Aid Case	Minor cut injury in right hand wrist during steel rod bending	First aid given by Uday.P.Singh and hand gloves provided.
			22/04/2024	GIS Building	First Aid Case	Minor scratch cut occur in knee during pile head breaking.	First aid given by Uday P Singh
			09/06/2024	CRB Building	First Aid Case	Minor scraped cut occur in knee due to slip and fall on uneven surface	First aid given by Uday Singh and worker were instructed to do not move through uneven pathways.
		Chaygaon	12/02/2024	Chaygaon s/s	First Aid Case	Small cut in right hand finger	Gloves was provided
			17/04/2024	Chaygaon s/s	First Aid Case	Small cut in right hand finger	Gloves was provided
			09/05/2024	Chaygaon s/s	First Aid Case	Miner cut in left leg finger	Gumboot provided
			22/06/2024	Chaygaon s/s	First Aid Case	Miner cut in left leg finger	Gumboot provided
3	C	Burhigaon	27/03/2024	CRB Building	First aid Case	Back pain	Voline spray provided
			12/05/2024	GIS Building	First aid Case	Back pain	Voline spray provided
4	D	Khumtai	24/01/2024	Khumtai GIS substation	First aid	A minor cout on right hand middle finger during steel binding	Instructed to using always hand gloves.
5	E	Sankardev nagar	25/04/2024	Transformer wall area.	First Aid Case	Minor cut in Right hand finger.	First Aid given by Md. Prince Ansari and hand gloves provided
			19/06/2024	Transformer area.	First Aid Case	Minor cut in Right Leg.	First Aid given by Md. Prince Ansari and gum boot provided.
		Agomoni	No accident reported/happened during this reporting period.				
6	F	Gohpur	Safety Officer not available at site during the reporting period.				