

Environmental and Social Monitoring Report

Reporting Period: July 2021 to December 2021

Assam Intra-State Transmission System Enhancement Project

Prepared by AEGCL for the Asian Infrastructure Investment Bank.

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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



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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 and Planning Framework
ESS	Environment and Social Standard
EIA	Environmental Impact Assessment
GoA	Government of Assam
GoI	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
LOA	Letter of Award

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
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

Assam Electricity Grid Corporation Limited (AEGCL), the State Transmission Utility (STU) of Assam, is the Implementing Agency (IA) of “Assam Intra-State Transmission System Enhancement Project” (AISTSEP) in two phases, Phase-1 & Phase-2 for the execution of Power for All (PFA) plan with a request from the Government of India (GoI) to AIIB for a financial assistance of United States Dollar (USD) 304 million. PT Feedback Infra Limited, Indonesia in Association with Jade Consult Nepal and NIPSA, Spain has been engaged by AEGCL as Project Management Consultant (PMC) for supporting and monitoring the implementation of the Engineering Procurement and Construction (EPC) funded under Asian Infrastructure Investment Bank (AIIB).

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 proposed project has been assigned to Category B as per AIIB’s project categorization, as substations are not falling under sensitive areas.

The Project under Phase I includes the construction of 10 new substation 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 14 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 sub-projects are located in different areas of Assam.

During the reporting period, following activities with respect contract has been done.

- Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-A/2021/CON-1 & dated. 26.07.2021. Notice of proceed given on 15.12.2021. Effective date of Contract is 22.12.2021. Site handover of Jakhlabandha S/S is 22.12.2021 and BihpuriaS/S is 29.12.2021.
- Contract have been signed vide AEGCL/MD/AIIB/PACKAGE B/2020/CON-2 & dated 28.07.2021. Contract to be effective by February 2022.
- Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-C/2021/CON-3 dated 30.07.2021. Notice to Proceed given on 29.11.2021. Date of effectiveness of Contract is 06.12.2021. Site handover is given on 06.12.2021.
- Notice to Award (NOA) vide AEGCL/MD/AIIB/TENDER/PART-IV/2021/34 dated to M/s Godrej & Boyce Mfg. Co. Ltd. on 02.12.2021 for (Package D). Contract agreement to signed by January 2022.
- Notice to Award (NOA) vide AEGCL/MD/AIIB/TENDER/PART-IV/2021/34 dated to M/s Godrej & Boyce Mfg. Co. Ltd. on 04.10.2021 for (Package E). Contract negotiation meeting conducted on 01.12.2021. Contract agreement to signed by January 2022.
- Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-I/2021/CON-4 & Dated. 06.09.2021. Notice to proceed on 29.11.2021. Effective date of Contract of Package-I 06.12.2021.

- Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-J/2021/CON-5& Dated. 19.07.2021. Notice to proceed on 29.11.2021.Effective date of Contract of Package-J 06.12.2021.
- Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-K/2021/CON-6& Dated. 30.09.2021. Effective date of Contract of Package-K 06.12.2021.
- Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-L/2021/CON-7& Dated. 23.07.2021. Notice to proceed on 07.08.2021. 2021. Effective date of Contract of Package-L 14.08.2021.
- Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-M (R1) /2021/CON-8& Dated. 30.10.2021. Effective date of Contract of Package- M is expected by January 2022.

Compliance to Applicable Regulations/Standards is being done. Compliance to Environmental and Social Covenants from the AIIB Loan Agreement is being done.

Compliance to Environmental and Social Management Plan (ESMP) including Environmental and Social Monitoring Plan (ESMoP) does not arise at current stage of the project. EPC contractor will submit the detailed site specific Health, Safety, Environment and Social Management Plan (HSE&SMP) which includes Health, Safety, Environment and Social Monitoring Plan (ESHSMoP) as per the guidelines of Environmental and Social Management and Planning Framework (ESMPF) to AEGCL and PMC for approval and will comply the same as per requirement under the direct supervision of PMC after their mobilization.

Accident monitoring will be done in due course of time during implementation.

Following are some of the actions taken during the reporting period.

- Draft QPR specific to E&S for the quarter January to March 2021 was submitted on 08.07.2021.
- Draft Environmental and Social Impact Assessment (ESIA) report submitted on dated 09.07.2021.
- Land registration completed in the name of AEGCL from the Private land owners for Rangia S/S. Land owner signed on the Non-judicial paper for registration of the land.
- Site visit was conducted for 220/33kV, 2X100 MVA GIS Substation at Nagaon-2 on 05.08.2021. During visit, interaction was done with PIU officials Nagaon, PMC officials along with PMU, consulted with the villagers staying near the substation site regarding the project.

The out come the consultation was as follows:

- The S/S land area is owned by AEGCL (transferred from APDCL).
- The S/S land area is used by the people of the nearby village for temporary cultivation purpose under mutual understanding with the APDCL. The concerned persons were consulted by the site visit team and after discussion it was agreed by them that they will vacate the land before implementation of project.
- Environment and Social Quarterly Progress Report for March-2021 (Resubmission as per AIIB's Semiannual template) and June-2021 submitted vide mail dated 09.08.2021.

- AEGCL has received approval for construction of new substations in the premises of APDCL land, vide Letter no- AEGCL/MD/AIIB/Land/Extn_Note_Chairman/03 dated 23.08.2021.
- Submitted draft site specific Environment, Health, Safety and Social template for the EPC Contractors on 16.09.2021.
- Submissions of Overview of GRM and GRC as per AIIB's guidelines vide email to AEGCL on 28.09.2021.
- AIIB approved site specific HSE&SMP template on 08.10.2021 and suggested to submit the same for their review and approval.
- Preliminary Joint Survey with Forest Department and AEGCL conducted on 08.10.2021 for identification of forest land falling under the line corridor of LILO of 1 ckt of 400 kV Silchar (PGCIL) - Byrnihat (Meghalaya) Transmission Line at Sonapur (New) Sub-Station.
- Site visit conducted for 400/220/132kV, 2X100 MVA GIS Substation at Rangia & Kumarikata on 27.10.2021 to meet all the title holders of land Parcel related and consultation with them and to aware regarding the development of the locality for the construction of the above-mentioned substation.
- Updated and submitted ESIA – ESMP as per direction of AIIB on 30.10.2021.
- Training imparted to EPC Contractors on Health, Safety, Environmental & Social aspects on 15.12.2021 at AEGCL office. Further Capacity Building Programme like trainings/drills/inspections will be conducted in due course of time.
- Detailed Survey of TL of Package-A (Jakhlabandha), Package-B (Nagaon 2 & Chhaygaon), Package-C (Burhigaon), Package-E (Shankardevnagr), Package-G (Rangia & Kumarikata) has been approved by AEGCL.
- Detailed Survey of TL of Package H – Sonapur is under progress.
- Obtained NOC / RoW permission of Package-C (Burhigaon) and from DC Darrang & Udalgiri.
- NoC/RoW permission for Nagaon -2 and Chhaygaon from Deputy Commissioner (DC) Kamrup (R) is awaited.
- Abbreviated / Resettlement Action Plan (A/RAP) and Tribal People's Plan (TPP) to be formulated in due course of time as per requirement.
- Soil investigation completed for -
Package – A (Jakhlabandha), Package – B (Nagaon -2, Chhaygaon), Package – C (Burhigaon).
- Single Line Diagram (SLD) for Package – A (Jakhlabandha), Package - E (Shankardevnagar) has been submitted by the EPC contractor.

There is an urgent need to expedite the finalization/approval of submitted ESIA-ESMP report and submission of HSESMP from EPC Contractors.

1.0 Introduction

“Assam Intra-State Transmission System Enhancement Project” (AISTSEP) has been funded by Asian Infrastructure Investment Bank (AIIB). The project has been divided in two phases, Phase-1 & Phase-2 to support the implementation of Power for All (PFA) plan.

AIIB extend a financial assistance of United States Dollar (USD) 365 million (including non-admissible fund) with a request from the Government of India (GoI) to AIIB for a financial assistance of USD 304 million and the balance counterpart funding of USD 61 million from Government of Assam (GoA) for Phase 1 of the project.

Assam Electricity Grid Corporation Limited (AEGCL), as the Implementing Agency (IA) of the Project has planned to operate intra-state transmission system of Assam to generate PFA from Generating Plants of the State as well as from Central Sector Generating Utilities and the power contracted from other sources. In this project AEGCL, the State Transmission Utility (STU) of Assam, owns and operates AISTSEP and is responsible for transmission of electricity to the distribution entity of Assam.

1.1 Brief Project Description

The Project under Phase I includes the construction of 10 new substation 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 14 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 sub-projects are located in different areas of Assam. The location map of sub-projects is depicted in Figure – 1.

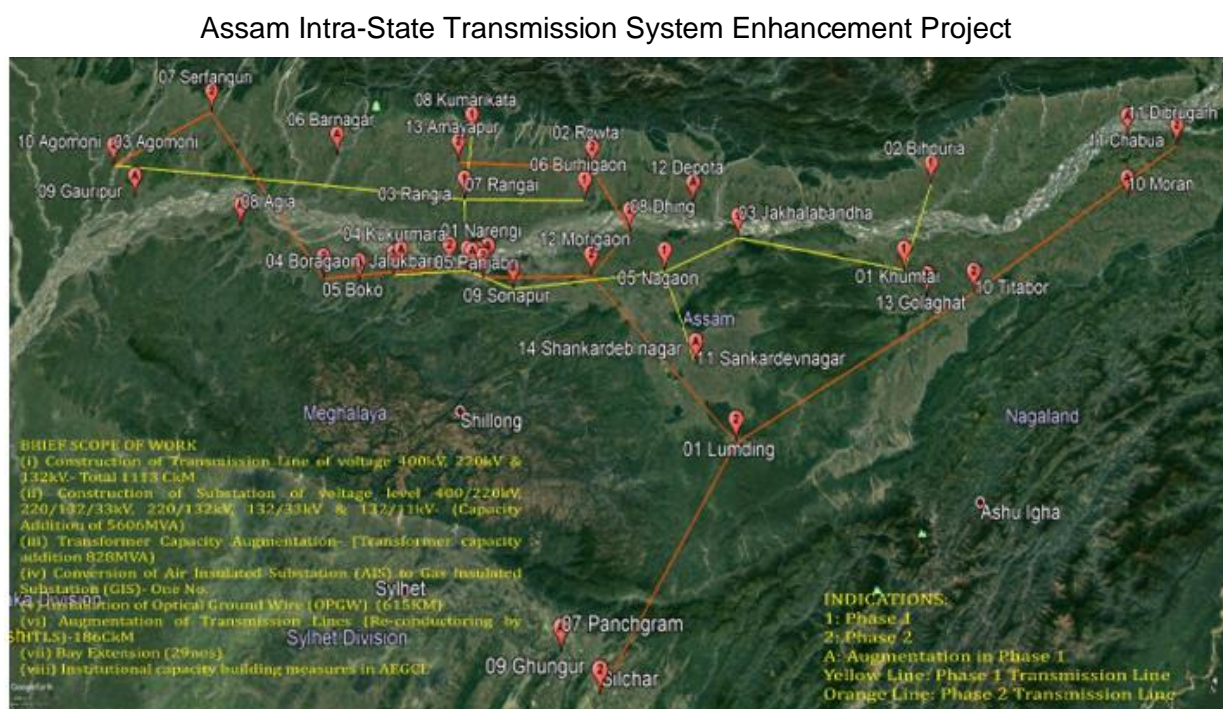


Figure – 1: Location map of Proposed Project

1.1.1 Details of Substations

Table –1: Substation and Transmission Lines

Package	Name of EPC Contractor	Scope of Work	GPS coordinates of Substation locations	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
A	M/s Neccon Power & Infra Ltd.	Establishment of new 220/33kV (2X 100MVA), GIS substation at Bihpuria.	26°59'17.975"N 93°50'14.797" E	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 Jakhlbandha	26°34'22.32"N 92°59'47.50"E	Jakhlbandha / Nagaon	AGM, 220/132V Samaguri T&T Division, Samaguri.	2.5	2	Plain	Barren	AEGCL (transferred from APDCL)
B	Consortium of R.S. Infraprojects Pvt. Ltd. and M/s SIEMNS	Establishment of new 220/33kV (2X100 MVA), GIS substation	26° 2'58.10"N 91°16'33.09"E	Chhaygaon / Kamrup (R)	AGM, Mirza Division AEGCL.	1.33	1.33	Plain	Barren	AEGCL (transferred from IGC, AIIDC)

Package	Name of EPC Contractor	Scope of Work	GPS coordinates of Substation locations	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
	Ltd.	at Chhaygaon.								
		Establishment of new 220/33kV (2X100 MVA), GIS substation at Nagaon-2.	26°22'43.31"N 92°41'45.98"E	Nagaon	AGM, Nagaon T&T Division, AEGCL, Amolapatty, Nagaon	2.63	2.003	Plain low land	Barren	AEGCL (transferred from APDCL)
C	M/s Siddhatha 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	Burhigaon / Darrang	AGM 132kV (GSS) Grid Substation, Depota, AEGCL Tezpur.	0.79	0.79	Plain	Barren	AEGCL (transferred from APDCL)
D	To be awarded	Establishment of new 220/132kV (2X160MVA), GIS substation at Khumtai	26°34'9.414"N 93° 47'10.23"E	Khumtai / Golaghat	AGM, 220kV Mariani GSS, AEGCL.	6.8	6.83	Sloppy	Tea Garden land	AEGCL (Acquired from Tea Garden)
E	M/s Godrej & Boyce Mfg.	Establishment of new	26°28'8.16"N	Agomoni /	AGM, 132kV Dhaligaon	3.6	3.6	Plain	Barren	AEGCL

Package	Name of EPC Contractor	Scope of Work	GPS coordinates of Substation locations	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
	Co. Ltd.	220/132kV (2X160MVA), GIS substation at Agomoni.	90° 0'40.55"E	Kokrajhar	GSS, AEGCL					
		Establishment of new 220/132kV (2X160 MVA), GIS substation at Shankardev nagar.	25°59'13.70"N 92°55'31.56"E	Shankardevnagar / Hojai	AGM, 220kV Samaguri GSS, AEGCL	2	2	Plain	Barren	AEGCL
F	To be awarded	Conversion of one existing AEGCL substation (132/33kV) Gohpur From AIS to GIS	26°52'.12.3" N 93°35'.41.2" E	Gohpur/ Biswanath Chariali District.	AGM, North Lakhimpur T&T Division, AEGCL.	6.67	6.67	Plain	Existing S/S	AEGCL
G	To be awarded	Establishment of new 400/220kV (2X500MVA)	26°38'27.86"N 91°36'22.52"E	Tamulpur / Baksa	AGM, Rangia, AEGCL	7.47	8.5	Plain	Agricultural Land	AEGCL (purchased from Private)

Package	Name of EPC Contractor	Scope of Work	GPS coordinates of Substation locations	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
), GIS substation at Rangia and 132/33kV GIS substation (2X50MVA Transformers) at Kumarikata								Owner)
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	Sonapur / Kamrup (M)	AGM, Kahilipara, AEGCL	1.2	1.2	Plain low land	Barren	AEGCL
I	M/s BLUE STAR Ltd.	Narengi: 2X50MVA, in place of 2X25MVA, 132/33kV Transformers								
		Kahilipara: 3X50MVA, in place of 1X31.5MVA + 2X30MVA 132/33 kV, Transformers (as per ESMPF: Kahilipara: 3x50 MVA, in place of 2x31.5 MVA & 1x30 MVA, 132/33kV)								
		Rangia: 2X50MVA, in place of 2X25MVA, 132/33kV, Transformers								
		Kukurmara, 2X50MVA, in place of 1X25MVA + 1X16MVA, 132/33kV Transformers								
		Boko: 1X160MVA + 1X100MVA in place of old 1X50MVA, 220/132kV Transformers {as per supply & dismantling: 1X100MVA is not available in Bill Of Quantities (BOQ)}								

Package	Name of EPC Contractor	Scope of Work	GPS coordinates of Substation locations	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
J	M/s BLUE STAR Ltd.	Bornagar: 2X50MVA, in place of 2X25MVA, 132/33kV Transformers								
		Panchgram, 2X50MVA, in place of 2X25MVA, 132/33kV Transformers								
		Agia: 1X160MVA + 1X100MVA in place of 1X50MVA + 1X100MVA, 220/132kV Transformers								
		Gauripur: 2X50MVA, in place of 2X25MVA, 132/33kV Transformers								
K	M/s Siddhatha Engineering Ltd JV with M/s New Modern Technomech Ltd.	Moran: 2X50MVA, in place of 2X16MVA, 132/33 kV Transformers								
		Dibrugarh: 2X50 MVA, in place of 2X31.5 MVA, 132/33kV Transformers								
		Depota: 2X50MVA, in place of 2X31.5MVA, 132/33kV, Transformers								
		Golaghat: 2X50MVA in place of 2X25MVA, 132/33kV Transformers								
		Shankardevnagar: 2X50MVA, in place of 2X25MVA, 132/33kV Transformers								
L	M/s APAR Industries Ltd.	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								
M	M/s Sterlite Power Transmission Ltd.	Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines								

1.1.2 Details of Transmission Lines

Details of transmission lines are given in Table – 2 below. Detail survey of associated transmission lines of Rangia & Kumarikata and Sonapur substations are to be conducted.

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) Seherlia Kuhiar Bari 12) Hatimara 13) Sialmari 14) Kulaguri Jarani 15) Bihmari Jarani 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

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
					28) Prub Bari 29) Dalhoushe 30) Mohanigaon 31) Kumar Kata 32) 2 No. Kumar Kata 33) 1 No. Kolika Guri 34) Kumar Kata 35) 2 No. Kumar Kata 36) 3 No. Kumar Kata 37) Changmara 38) Changmara Guri 39) Major Dolani 40) Khalihamari 41) 1 No. Khalihamari 42) 2 No. Khalihamari 43) Petwa Gusani Than 44) Dhalpur 45) Khana Pichona 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) Seconee Pathar 2) Seconee Borhola 3) Barholagaon
B1. LILO of 220kV Azara – Boko (AEGCL-Existing) D/C Line at Chhaygaon					
1.619	1.61	9	35	1	1) 2 No. Jambari
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)					
					1) Barbari

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
11.858	11.85	45	27	10	2) Warpara 3) Barduwaneja 4) Punia 5) Nijnoakujan 6) Paschikamarpara 7) Kamarpara 8) Baruipara 9) Mandalpara 10) Burhigaon
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				
D2. LILO of 132 kV Jorhat (W)-Bokakhat (AEGCL-Existing) at Khumtai (AEGCL-New) S/C Line					
10.198	10.198				
D3. Khumtai (AEGCL-New) - Sarupathar (AEGCL-Existing) 132 kV S/C Line					
61.205	61.205				
E1. Shankardevnagar (AEGCL-New) - Misa (AEGCL-Existing) 220 kV D/C Line					
26.457	26.487	95	35	19	1) Hojat 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) Solmarijan pacchim 17) Dakhin Bhedeoati

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) 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 circuit 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) Gokhai Holmari 4) Hiragata 5) Deulkuchi 6) Dhapergaon 7) Matikata 8) Borghuli 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

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
					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 Towerat Kumarikata GIS					
40	36.271	131	27	20	1) Ramechubari 2) Hauli 3) Pubhawly 2 No 4) Sarangbari 5) Dighelipar 6) Dimilapar 7) Purba Dimilapar 8) Puneya 9) Bhakatpara 10) Borbil 11) Uttar Barshiyal 12) Bherbheri 13) Dham Dhma 14) Azanpur 15) Vhalamari 16) Rangafali 17) Ahudhali 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	Detail Survey work is in under progress				
L. Transmission Capacity Augmentation					
L1. Kukurmara – Sarusajai 220kV D/C line HTLS RESTRINGING					

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
48	Survey for finalization of route length is under progress				
L2. Gossaigaon – Gauripur 132kV S/C line HTLS RESTRINGING					
62	Survey for finalization of route length is under progress				
L3. M.BTPS (Salakati) - Dhaligaon 132kV D/C Line HTLS RESTRINGING					
76	Survey for finalization of route length is under progress				
M. Replacement of Ground Wire to OPGW (As per ESMPF- 636 KM and as per Survey Report- 633.98KM)					
M1. 132KV Gossaigaon to Gauripur - 61.18 KM					
M2. 132KV Gossaigaon to Dhaligaon - 64 KM					
M3. 132KV Gauripur to Bilasipara - 37.6 KM					
M4. 132KV Bilasipara to Kokrajhar - 24.2 KM					
M5. 132KV Kokrajhar to Salakati - 10 KM					
M6. 220KV Mariani to Samaguri (Circuit-1) (LILO at 220KV Khumtai and 220 KV Jakhlabandha GIS - 169 KM					
M7. 132KV Majuli to Nalkata (North Lakhimpur) - 46 KM					
M8. 132KV Dibrugarh to Lakwa (LILO at 132KV Behiating & 132 KV Moran - 77 KM					
M9. 220KV Mariani to Namrup - 145 KM					

1.2 Project Progress Status and Implementation Schedule

Table – 3: Brief progress status of project

Project Component Stage	Progress Status {not yet started; on-going; completed}	Percent Completed	Remarks
Substation Component • Sub-project ESIA / RP disclosed	on-going	46%	<ul style="list-style-type: none"> • Draft Environmental and Social Impact Assessment (ESIA) report submitted on dated 09.07.2021. • Land registration completed in the name of AEGCL from the Private land owners for Rangia S/S. Land owner signed on the Non-judicial paper for registration of the land. • Site visit was conducted for 220/33kV, 2X100 MVA GIS Substation at Nagaon-2 on 05.08.2021. During visit interaction was done with PIU officials. PMC officials along with PMU, PIU officials consulted with the villagers staying near the substation site regarding the project. • The out come the consultation was as follows: <ul style="list-style-type: none"> • The S/S land area is owned by AEGCL (transferred from APDCL). • The S/S land area is used by the people of the nearby village for temporary cultivation purpose under mutual understanding with the APDCL. The concerned persons were consulted by the site visit team and after discussion it was agreed by them that they will vacate the land before implementation of project. • The cultivators agreed to cooperate during soil investigation process. • Environment and Social Quarterly Progress Report for March-2021 (Resubmission as per AIIB's Semiannual template) and June-2021 submitted vide mail dated 09.08.2021. • AEGCL has received approval for construction of new substations in the premises of APDCL land, vide Letter no-AEGCL/MD/AIIB/Land/Extn_Note_Chair man/03 dated 23.08.2021. • Submitted draft site specific Environment, Health and safety template for the EPC

			<p>Contractors on 16.09.2021.</p> <ul style="list-style-type: none"> • Submissions of Overview of GRM and GRC as per AIIB's guidelines vide email to AEGCL on 28.09.2021. • Abbreviated Resettlement Action Plan (ARAP) and Tribal People's Plan (TPP) to be formulated in due course of time. • AIIB approved site specific HSE&SMP template on 08.10.2021 and suggested to submit the same for their review and approval. • Site visit conducted for 400/220/132kV, 2X100 MVA GIS Substation at Rangia & Kumarikata on 27.10.2021 to meet all the title holders of land Parcel related and consultation with them and to aware regarding the development of the locality for the construction of the above-mentioned substation. • Updated ESIA – ESMP submitted as per direction of AIIB on 30.10.2021. • Training imparted to EPC Contractors on Health, Safety, Environmental & Social aspects on 15.12.2021 at AEGCL office. Further Capacity Building Programme like trainings/drills/inspections will be conducted in due course of time. • Resettlement Action Plan (RAP) and Tribal People's Plan (TPP) to be formulated in due course of time as per requirement.
<p>TL Component</p> <ul style="list-style-type: none"> • Sub-project ESIA / RP disclosed 	<p>ESIA – ESMP preparation - Not Yet started</p>	-	<ul style="list-style-type: none"> • Detailed Survey of TL of Package-A (Jakhlbandha), Package-B (Nagaon 2 & Chhaygaon), Package-C (Burhigaon), Package-E (Shankardevnagr), Package-G (Rangia & Kumarikata) has been approved by AEGCL. • Detailed Survey of TL of Package H – Sonapur is under progress. • Obtained NOC / RoW permission of Package-C (Burigaon) and from DC Darrang & Udalgiri. • NoC/RoW permission for Nagaon -2 and Chhaygaon from Deputy Commissioner (DC) Kamrup (R) is awaited. • Preliminary Joint Survey with Forest Department and AEGCL conducted on 08.10.2021 for identification of forest land falling under the line corridor of LILO of 1 ckt of 400 kV Silchar (PGCIL) - Byrnihat

			<p>(Meghalaya) Transmission Line at Sonapur (New) Sub-Station.</p> <ul style="list-style-type: none"> Resettlement Action Plan (RAP) and Tribal People's Plan (TPP) to be formulated in due course of time as per requirement.
Contract Award	on-going	37%	<p>During the reporting period, following activities with respect contract has been done:</p> <ul style="list-style-type: none"> Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-A/2021/CON-1 & dated. 26.07.2021. Notice of proceed given on 15.12.2021. Effective date of Contract is 22.12.2021. Site handover of Jakhlabandha S/S is 22.12.2021 and BihpuriaS/S is 29.12.2021. Contract have been signed vide AEGCL/MD/AIIB/PACKAGE B/2020/CON-2 & dated 28.07.2021. Contract to be effective by February 2022. Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-C/2021/CON-3 dated 30.07.2021. Notice to Proceed given on 29.11.2021. Date of effectiveness of Contract is 06.12.2021. Site handover is given on 06.12.2021. Notice to Award (NOA) vides AEGCL/MD/AIIB/TENDER/PART-IV/2021/34 dated to M/s Godrej & Boyce Mfg. Co. Ltd. on 02.12.2021 for (Package D). Contract agreement to signed by January 2022. Notice to Award (NOA) vide AEGCL/MD/AIIB/TENDER/PART-IV/2021/34 dated to M/s Godrej & Boyce Mfg. Co. Ltd. on 04.10.2021 for (Package E). Contract negotiation meeting conducted on 01.12.2021. Contract agreement to signed by January 2022. Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-I/2021/CON-4 & Dated. 06.09.2021. Notice to proceed on 29.11.2021. Effective date of Contract of Package-I 06.12.2021. Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-J/2021/CON-5 & Dated. 19.07.2021. Notice to proceed on

			<p>29.11.2021.Effective date of Contract of Package-J 06.12.2021.</p> <ul style="list-style-type: none"> Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-K/2021/CON-6& Dated. 30.09.2021. Effective date of Contract of Package-K 06.12.2021. Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-L/2021/CON-7 & Dated. 23.07.2021. Notice to proceed on 07.08.2021. 2021. Effective date of Contract of Package-L 14.08.2021. Contract have been signed vide AEGCL/MD/AIIB/PACKAGE-M (R1) /2021/CON-8& Dated. 30.10.2021. Effective date of Contract of Package- M is expected by January 2022.
Construction (civil works, installation of equipment etc.)	Civil work not started	-	<ul style="list-style-type: none"> Soil investigation completed for - Package – A (Jakhlbandha), Package – B (Nagaon -2, Chhaygaon), Package – C (Burhigaon). Single Line Diagram (SLD) for Package – A (Jakhlbandha), Package - E (Shankardevnagar) has been submitted by the EPC contractor.

The project site specific Gantt chart will be included in due course of time after receiving the same from EPC Contractors and approved by AEGCL/Project Management Consultant (PMC).

2.0 Compliance to Applicable Regulations/Standards

Status of Compliance to Applicable Regulations/Standards during the reporting period is given below.

Table 4: Compliance to Applicable Regulations/Standards

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (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.	The Environmental (Protection) Act. 1986, and the Environmental (Protection) Rules, 1987-2002 (various	Consent for utilization of water from Central Ground Water Board (CGWB), if any, touse ground water for the sub-project. Consent to Establish (CTE) and Consent to	N/A at current stage of the project.	EPC contractor will submit the compliance of the same as per requirement after their mobilization.

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (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}
	Amendments)	Operate (CTO) for construction camps, Batching Plant (if any) Hot Mix Plant (HMP), if any for implementation of the Project		
2.	The EIA Notification, 2006 and subsequent Amendments	Project associated activity like quarry operation (if any) for the project will require prior Environmental Clearance. (Note: The construction of substation and Transmission Line (T/L) of project does not come under Purview of EIA Notification 2006 and its subsequent Amendments).	N/A at current stage of the project.	EPC contractor will submit the compliance of the same for any project associated activity like quarry operation as per requirement after their mobilization.
3.	Wildlife Protection Act, 1972	Wildlife Clearance	N/A for S/S locations for which ESIA had been prepared.	Wildlife Clearance may trigger if any S/S and T/L is located within or close to protected area and the same will be obtained as per requirement.
4.	Forest (Conservation) Act, 1980 and subsequent Amendments	Forest Clearance	N/A for S/S locations for which Environmental and Social Impact Assessment (ESIA) had been prepared.	Forest Clearance may trigger if any sub-project S/S and T/L involved. Diversion of Transmission Line from the forest land and the same will be obtained as per requirement.

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (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}
5.	Ancient Monuments and Archaeological sites & Remains Act 1958	Clearance from Archeological department	N/A for S/S locations for which ESIA hadbeen prepared.	Clearance from Archaeological department may require, if any Archaeological site in the vicinity of sub-project S/Sand T/Lidentified and the same will be obtained as per requirement.
6.	The Water (Prevention and Control of Pollution) Act, 1974	Permission from CGWB for utilization of water from ground, if any, for the sub-project. No Objection Certificate (NOC) for release of sewagefrom construction camps etc. from State Pollution Control Board (SPCB).	N/A at current stage of the project.	EPC contractor willsubmit the compliance ofthe same as per requirement after their mobilization.
7.	The Air (Prevention and Control of Pollution) Act, 1981	Consent to Establish (CTE) and Consent to Operate (CTO) for Batching Plant (if any), HMP (if any) for implimenattion of the project Ambient Air Quality Standards (AAQS) to be followed and record to be maintained.	N/A at current stage of the project	EPC contractor will submit the compliance of the same as per requirement after their mobilization.
8.	Noise Pollution (Regulation and Control) Act, 1990 and subsequent Amendments	Ambient Noise Level to be monitored &followed and record to be maintained.	N/A at current stage of the project	EPC contractor will submit the compliance of the same as per requirement after their mobilization.

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (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}
9.	Wetlands (Conservation and Management) Rules, 2017	Clearance for Wetland	N/A for S/S/locations for which ESIA report had been prepared	Clearance for Wetland may trigger if any sub-project S/S and 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		Felling & removal of trees from Non-forest land will be obtained before construction where ever required
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.	N/A at current stage of the project	EPC contractor will submit the compliance of the same as per requirement after their mobilization.
12.	Solid Waste Management Rules, 2016	Generation of Solid Waste during project implementation.	N/A at current stage of the project.	EPC contractor will submit the compliance of the same as per requirement after their mobilization.
13.	Construction and Demolition Waste Management Rules, 2016	Generation of Construction and Demolition Waste during project implementation.	N/A at current stage of the project.	EPC contractor will submit the compliance of the same as per requirement after their mobilization.
14.	Plastic Waste Management Rules, 2016	Generation of Plastic Waste during project implementation.	N/A at current stage of the project.	EPC contractor will submit the compliance of the same (if any) as per requirement after their mobilization.
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	N/A at current stage of the project.	EPC contractor will submit the compliance of the same (if any) as per requirement after their mobilization.

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (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}
		during project implementation.		
16.	E- Waste Management Rules, 2016	Generation of E-Waste during construction	N/A at current stage of the project.	EPC contractor will submit the compliance of the same (if any) as per requirement after their mobilization.
17.	Batteries (Management and Handling) Rules, 2001	Generation of Batteries Waste during project implementation	N/A at current stage of the project.	Batteries wastes will be disposed off as per requirement in due 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	N/A at current stage of the project	EPC contractor will submit the compliance of the same as per requirement after their mobilization.
19.	The Right to Fair Compensation and Transparency in Land Acquisition (LA), Rehabilitation and Resettlement Act, 2013 both incorporated by GoI and GoA.	LA Regulation and Rehabilitation and Resettlement (R&R) Act, 2013 has been followed at the time of Direct Purchase of Land on the basis of mutual consent between the Land owner and the requiring Body PMU (AEGCL).	In major areas where the substations are proposed, the lands belongs to AEGCL and APDCL. The land that is purchased by AEGCL has followed the Rules and Regulations.	Land purchase process is under progress on "Willing Buyer and Seller basis" on negotiated price.
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 for which ESIA had been prepared.	Requirement of consent may trigger if any sub-project S/S and 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.

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (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}
21.	Electricity Act, 2003	The objectives of the Act are to consolidate the laws relating to generation, transmission, distribution, trading and use of electricity and generally for taking measures conducive to development of electricity industry, promoting competition therein, protecting interest of consumers and supply of electricity to all.	Being complied as per requirement	Location, design and related documents including ESIA are being structured as per the requirement of Electricity Act, 2003.
22.	Ministry of Power (MoP) guidelines dated 15 th October, 2015 for payment of compensation toward Temporary damages in regard to ROW.	During the Power Ministry conference held on April 9-10, 2015 at Guwahati it has been decided to constitute a committee. The recommendations laid down by the committee are formulated in the form of following guidelines for determining the compensation towards the damages as stipulated in section 67 and 68 of Electricity Act, 2003 read with section 10 and 16 of Indian Telegraph Act, 1885, Compensation @ 85% of Land Value as determined by the District Magistrate based on	NA at current stage.	The Process of giving compensation to the PAPs starts once the EPC contractor will submit their Revenue Village wise Land Schedule and verified by the concerned Revenue/Block office.

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (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}
		<p>Circle rate/ Guideline Value and Stamp Act rates for Tower base area (between four legs).</p> <p>Land compensation in the width of ROW subject to a maximum of 15% of Land Value as determined based on Circle rate, Guide line value and Stamp Act, rates.</p> <p>In case of loss of trees and crops a 60 days advance notice to be issued to the legal Cultivator for the standing crops prior to damage.</p> <p>Compensation for cultivator for the crop on the basis of market rate fixed by the Forest/Horticulture Department and 8years income in case of fruit bearing tree and the timber wood tree to be compensated at the rate of market price.</p>		
23.	The Antiquities and Art Treasures Act, 1972 and Indian Treasure Trove Act, 1878, Amended in 1949	If sudden encounter with anything valuable at any stage of project cycle.	N/A at current stage of the project.	EPC contractor will submit the compliance of the same as per requirement in due course of time.

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

Table 5: Compliance to 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	Details provided in Table No. 3 above.

4.0 Compliance to the Civil Work Contract Agreement

Details provided in Table No. 3 above.

5.0 Compliance to Environmental and Social Management Plan

Compliance to ESMP does not arise at current stage of the project. EPC contractor will submit the detailed site specific Health, Safety, Environment and Social Management Plan (HSE&SMP) as per the guidelines of ESMPF to AEGCL and PMC for approval and will submit the compliance of the same as per requirement under the direct supervision of PMC after their mobilization.

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

Table 6: Compliance to 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	RAP/ARAP to be formulated in due course of time as per requirement.	<ul style="list-style-type: none"> Land registration completed in the name of AEGCL from the Private land owners for Rangia S/S. Land owner signed on the Non-judicial paper for registration of the land. Consulted all the title holders of land Parcel on 27.10.2021 to aware them

	Resettlement Action Plan (ARAP) to be prepared in case of LA and direct purchase of land on the basis of mutual consent between land owner and the requiring body PMU (AEGCL), but the above process should be followed by the rules and regulations of LA Act 2013.		regarding the development of the locality from the construction of the Rangia & Kumarikata Substation.
2.	Provisions for Tribal People's (if any) to be made according to the guideline	TPP to be formulated in due course of time as per requirement.	

7.0 Summary of Monitoring Results

7.1 Environmental and Social Monitoring

Compliance to Environmental and Social Monitoring Plan (ESMoP) doesnot arise at current stage of the project. EPC contractor will submit the detailed site specific Health, Safety, Environment and Social Monitoring Plan (HSE&SMoP) in their HSE&SMP as per the guidelines of ESMPF to AEGCL/PMC for approval and will submit the compliance of the same as per requirement under the direct supervision of PMC after their mobilization.

7.2 Capacity Building Monitoring

Training imparted to EPC Contractors on Health, Safety, Environmental & Social aspects on 15.12.2021 at AEGCL office. Further Capacity Building Programme like trainings/drills/inspections will be conducted in due course of time.

7.3 Accident Monitoring

Accident monitoring will be done in due course of time during implementation.

7.4 Highlighted Actions

Following are some of the actions taken during the reporting period.

- Draft Environmental and Social Impact Assessment (ESIA) report submitted.
- Land registration completed in the name of AEGCL from the Private land owners for Rangia S/S.
- Environment and Social Quarterly Progress Report for March-2021 and June-2021 submitted.
- AEGCL has received approval for construction of new substations in the premises of APDCL land.

- Submitted draft site specific Environment, Health, Safety and Social template for the EPC Contractors.
- Submissions of Overview of GRM and GRC as per AIIB's guidelines.
- Training imparted to EPC Contractors on Health, Safety, Environmental & Social aspects.
- Detailed Survey of TL of Package-A (Jakhlabandha), Package-B (Nagaon 2 & Chhaygaon), Package-C (Burhigaon), Package-E (Shankardevnagr), Package-G (Rangia & Kumarikata) has been approved by AEGCL.
- Obtained NOC / RoW permission of Package-C (Burigaon) and from DC Darrang & Udalgiri.
- Preliminary Joint Survey with Forest Department and AEGCL conducted on 08.10.2021 for identification of forest land falling under the line corridor of LILO of 1 ckt of 400 kV Silchar (PGCIL) - Byrnihat (Meghalaya) Transmission Line at Sonapur (New) Sub-Station.
- Soil investigation completed for -Package – A (Jakhlabandha), Package – B (Nagaon -2, Chhaygaon), Package – C (Burhigaon).
- Single Line Diagram (SLD) for Package – A (Jakhlabandha), Package - E (Shankardevnagar) has been submitted by the EPC contractor.

8.0 Implementation of Grievance Redressal Mechanism and Complaints Received

Role and responsibilities of the GRM is in pace. No Grievance received during this reporting period.

9.0 Corrective Action Plan

Expedite the finalization/approval of submitted ESIA-ESMP report. Expedite the submission of HSESMP from EPC Contractors.

10.0 Conclusion and Recommendations

Project activity with regards to disclosure of Sub-project ESIA / RP of Substation Components and Contract Award are being carried out. However, Project activity with regards to disclosure of Sub-project ESIA / RP of T/L Components and Construction (civil works, installation of equipment etc.) are yet to commence. Compliance to Applicable Regulations/Standards, Compliance to Environmental and Social Covenants from the AIIB Loan Agreement, Environmental and Social Monitoring, Capacity Building Monitoring are going on. Compliance to Resettlement Action Plan and Tribal People's Plan to be formulated in due course of time as per requirement. No Grievance received during this reporting period.

There is an urgent need to expedite the finalization/approval of submitted ESIA-ESMP report and submission of HSESMP from EPC Contractors.

ANNEXURE1: Photographs



**Photo Plate 1 &2- Undertaking consent of the titleholders
Date- 27.10.2021**



**Photo Plate 3: Site visit along with PIU, Nagaon
AGM and other officials, PMC officials**

**Photo Plate 4: People staying near the
substation area**

ANNEXURE 2: Attendance sheet and public consultation in Rangia

Assam Intra State Transmission System Enhancement Project, Funded by AIB

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LIST OF PARTICIPANTS

Name of the Project: 440/220/132kV Rangia and 132/33kV Kumarikata S/S
 Location: Tamulpur (Baksa District, Assam) (Near Tamulpur Revenue Circle) Date: 27/10/2021

Sl. No.	Name	Fathers Name	Village	Age	Sex (M/F)	IP (Y/N)	Education	Occupation	Project Affected (yes/No)	Signature
1	Sri Upen Sutradhar	S/O Lt. Budhi Ram Sutradhar	Geruapar	44	M	N	10 th Pass	Agriculture	Y	Sri Upen Sutradhar
2	Sri Dhiren Sutradhar			38	M	N	10 th Pass	Agriculture	Y	Dhiren Sutradhar
3	Sri Babul Deka	S/O Lt. Pabitra Deka	Bhagtapara	42	M	N	10 th Pass	Business	Y	Babul Deka
4	Sri Rubul Deka			40	M	N	10 th Pass	Business	Y	Rubul Deka
5	Sri Bhriku Deka	S/O Hareswor Deka (Lt.)	Charangbari	37	M	N	12 th Pass	Business	Y	Bhriku
6	Sri Tankeswar Mazumdar	S/O Suchen Mazumdar	Kachubari	24	M	N	9 th Pass	Agriculture	Y	Tankeswar Mazumdar
7	Sri Krishna Mazumdar	S/O Suchen Mazumdar		15	M	N	8 th Pass	P. Service	Y	Krishna Mazumdar
8	Smt Kalpona Mazumdar	W/O Suchen Mozumdar		30	F	N	No	H/Wife	Y	Kalpona Mazumdar

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Assam Intra State Transmission System Enhancement Project, Funded by AIB

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Sl. No.	Name	Fathers Name	Village	Age	Sex (M/F)	IP (Y/N)	Education	Occupation	Project Affected (yes/No)	Signature	
9	Sri Sunil Mazumdar	S/O Sri Naren Mazumdar	Kachubari	28	M	N	10 th Pass	Business	Y	Sunil Mazumdar	
10	Sri Gautam Talukdar	S/O. Lt. Naba Kr. Talukdar	Kachubari	36	M	N	Graduate	Service (Govt.)	Y	Gautam Talukdar	
11	Smt Bina Rabha	W/O Sri Suren Rabha	Barangabari	56	F	Y	6 th Pass	H/Wife	Y	Bina Rabha	
12	Sri Mukta Ram Das	S/O Lt. Hira Ram Das	Barbari, Dibrugarh	52	M	N	9 th Pass	Service (Govt.)	Y	Mukta Ram Das	
13	Sri Sukra Das		Dongpar		45	M	N	Educated	Agriculture	Y	Sukra Das
14	Sri Bhaben Das				38	M	N	10 th Pass	Agriement	Y	Sri Bhaben Das
15	Sri Kanu (Kalicharan) Sutradhar	S/O Lt. Bahia Sutradhar	Geruapar	45	M	N	12 th Pass	Agriculture	Y	Kanu Sutradhar	
16	Sri Ramesh Sutradhar		Barangabari	38	M	N	10 th Pass	Agriculture	Y	Ramesh Sutradhar	
17	Sri Gopal Sutradhar	S/O Jaluwai Sutradhar	Hartola	32	M	N	5 th Pass	Business	Y	Gopal Sutradhar	
18	Sri Gobinda Patowari	S/O Lt. Rabi Patowari	Kachubari	49	M	N	8 th Pass	Service	Y	Sri Gobinda Patowari (Gobinda Patowari)	

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

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Assam Intra State Transmission System Enhancement Project, Funded by AIB

Sl. No.	Name	Fathers Name	Village	Age	Sex (M/F)	IP (Y/N)	Education	Occupation	Project Affected (yes/No)	Signature
19	Smt Mina Patowari (Mina Das)	W/O Sri Gobinda Patowari	Kachubari	49	F	N	10 th Pass	Teacher	Y	
20	Sri Khul Sutradhar	S/O Jaluwai Sutradhar	Geruapar	55	M	N	Nil	P. Service	Y	
21	Sri Kamaleswar Boro	S/O Rup Nath Boro	Barangabari	52	M	Y	4 th Pass	Business	Y	
22	Sri Mahiram Das	S/O Porsuram Das	Barangabari	65	M	N	3 rd Pass	Agriculture	Y	
23	Sri Jayanta Boro	S/O Uma Kt. Boro	Barangabari	39	M	Y	12 th Pass	Business	Y	Jayanta Boro
24	Sri Dimpul Boro	S/O Uma Kt. Boro	Barangabari	29	M	Y	9 th Pass	-do-	Y	Dimpul Boro
25	Sri Tiger Sutradhar	S/O Ghuala Sutradhar	Geruapar	45	M	N	Nil	Agri Labour	Y	
26	Sri Ganesh Das (Sarania)	S/O Lt. Dharmendra Sarania	Kachubari	23	M	N	12 th Pass	Agriculture	Y	Ganesh Sarania
27	Sri Pradip Mahanta	S/O Hareswar Mahanta	Souraguri	49	M	N	12 th Pass	Business	Y	Pradip Mahanta
28	Sri Narayan Ch. Mahanta	S/O Hareswar Mahanta	Souraguri	45	M	N	Graduate	G. Service	Y	Narayan Ch. Mahanta

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Assam Intra State Transmission System Enhancement Project, Funded by AIB

Sl. No.	Name	Fathers Name	Village	Age	Sex (M/F)	IP (Y/N)	Education	Occupation	Project Affected (yes/No)	Signature
29	Sri Bhagaban Mahanta	S/O Lt. Hameswar Mahanta	Sounaguri	38	M	N	Graduate	Business	Y	Bhagaban Mahanta
30	Sri Ratneswar Sutradhar	S/O Sri Karna Sutradhar	Geruapar	50	M	N	Nil	Agri Labour	Y	
31	Sri Kamaleswar Sutradhar	S/O Sri Karna Sutradhar	-do-	40	M	N	Nil	-do-	Y	
32	Sri Bhaben Ch. Rabha	S/O Lt. Siahi Ram Rabha	Kachubari	41	M	Y	10 th Pass	Ransoren (Govt)	Y	Sri Bhabendra Ch. Rabha
33	Mrs Pratima Kumari	W/O Bhabesh Kumar	-do-	50	F	N	4 th Pass	H/Wife	N	
34	Kamen Patowari	S/O Anojodhan Patowari	Hajo	32	M	N	Graduate	Business	N	Kamen Patowari
35	Sri Deep Rabha	S/O Lt. Rabha	Bamanga Boro	30	M	Y	12 th Pass	-do-	N	Deep Rabha
36	Sri Topan Rabha	S/O Bhaben Rabha	Kachubari	45	M	Y	Graduate	Agriculture	N	Topan Rabha
37	Mrs Shanti Sutradhar	W/O Gopal Sutradhar	Haratula	37	F	N	4 th Pass	H/Wife	N	
38	Mrs. Kalpana Sutradhar	W/O Pijal Sutradhar	Geruapar	38	F	N	5 th Pass	H/Wife	N	

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ANNEXURE 3: Attendance sheet of Training imparted to EPC Contractors on Health, Safety, Environmental & Social aspects on 15.12.2021 at AEGCL office

Attendance sheet

Meeting with the EPC Contractors regarding understanding on HSE&SMP template and Code of Conduct. Date: 15/12/2021

Sl. No.	Name of the official attended	Organisation	Mobile No.	Signature
1.				
2.				
3.	DIPTA SYOTI BARUAH	AEGCL, PMU	9854339228	<i>[Signature]</i>
4.	Dh. Sandipam Das	PTFI, PMC	8750320755	<i>[Signature]</i>
5.	Jurishmita Deha	FI, PML	7002730427	<i>[Signature]</i>
6.	Zaipendra Narayan Bhattacharya	SEL,	8011018117	<i>[Signature]</i>
7.	Achyut kr. Nath	NECCON	6001929107	<i>[Signature]</i>
8.	Prithi Shukla	RSIPL	7877083530	<i>[Signature]</i>
9.	Abhishek Koley	RSIPL	9663390703	<i>[Signature]</i>
10.	Subanta Das	N-E. CC ON	8638227648	<i>[Signature]</i>
11.				
12.				
13.				
14.				
15.				