

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Abbreviated Resettlement Action Plan

For

**LILO of 220kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon
&**

**LILO of Samaguri (AEGCL- Existing) -Sarusajai (AEGCL-Existing) 220kV D/C
Line at Nagaon-2 (AEGCL-New)**

Package-B

For Transmission Line

ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

SUBMITTED TO

ASIAN INFRASTRUCTURE INVESTMENT BANK



SUBMITTED BY

ASSAM ELECTRICITY GRID CORPORATION LIMITED



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ABBREVIATIONS

AH	Affected Household
AIIB	Asian Infrastructure Investment Bank
AEGCL	Assam Electricity Grid Corporation Limited
AISTSEP	Assam Intra-State Transmission System Enhancement Project
AGM	Assistant General Manager
ARAP/RAP	Abbreviated Resettlement Action Plan
CBO	Community Based Organization
DPR	Detailed Project Report
DC or D/C	Double Circuit
EPC	Engineering, Procurement And Construction Management
E&S	Environment and Social
E&S officer	Environment and Social Officer
E&S Specialist	Environment and Social Specialist
ESIA	Environmental and Social Impact Assessment
ESMPF	Environmental and Social Management and Planning Framework
ESMP	Environmental and Social Management Plan
ESP	Environmental and Social Policy
EIA	Environmental Impact Assessment
EA	Executing Agency
FGD	Focus Group Discussion
GoA	Government of Assam
Gol	Government of India
GSS	Grid Sub-station
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
IA	Implementing Agency
INR	Indian Rupee
IPP	Indigenous People Plan
IPPF	Indigenous People Planning Framework
IP	Indigenous Peoples
LA	Land Acquisition
NGO	Non-Government Organization
PAPs	Project Affected Persons
Affected landowners	Project Affected Families
PIU	Project Implementation Unit
PMC	Project Management Consultancy
PMU	Project Management Unit
RAP	Resettlement Action Plan
RoW	Right of Way
RFCLARRA	Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act, 2013
ST	Scheduled Tribe
TDP	Tribal Development Plan

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WEIGHTS AND MEASURES	
GW	Gigawatt
Ha. (hectare)	10,000 sq. m = 2.47105 Acre
Bhiga	14,400 Sq. Ft. (0.13378038 Ha)
km (kilometre)	1,000 meters
kV	kilovolt (1,000 volts)
kW	kilowatt (1,000 watts)
MVA	Megavolt Ampere
MW	Megawatt

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EXECUTIVE SUMMARY

Background: Asian Infrastructure Investment Bank (AIIB), through Government of India (GOI), has been requested by Government of Assam (GoA) for financial and technical assistance to upgrade and strengthen the power transmission network in the state of Assam to support the implementation of Power for All (PFA) plan. AIIB has considered supporting enhancement of power transmission to improve the reliability of power supply through “Assam Intra-State Transmission System Enhancement Project” (AISTSEP) in two phases.

Asian Infrastructure Investment Bank (AIIB) extends financial assistance for “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 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 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.

PT Feedback Infra Limited (PTFIL), Indonesia in Association with Jade Consult Nepal and NIPSA, Spain has been engaged by AEGCL as Project Management Consultant (PMC) including scope of preparation of Abbreviated Resettlement Action plan (ARAP) for the transmission line for Package B.

Description of the Project: This Abbreviated Resettlement Action Plan (ARAP) focuses on two transmission line projects:

2. The Loop-In Loop-Out (LILO) of the 220kV Mirza-Boko-Azara (AEGCL - Existing) double circuit (D/C) line at Chhaygaon, spanning 1.185 km.
3. The LILO of the 220kV Samaguri (AEGCL - Existing)-Sarusajai (AEGCL - Existing) D/C line at Nagaon-2 (AEGCL - New), covering 1.560 km.

This ARAP currently addresses the social impacts related to:

- There are 8 tower footing locations, excluding one gantry tower situated within the existing substation land at Chhaygaon, and one tower located on encroached Government land. There are 7 tower footing locations, excluding one gantry tower situated within the existing substation land at Nagaon-2 and including two towers located on encroached Government land.

The present ARAP report focuses on the LILO of 220kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon - 1.185 km & LILO of Samaguri (AEGCL- Existing) -Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New)- 1.560 km. This ARAP covers the impacts related to 8 tower footings locations including one tower on Government Land for the LILO of 220kV Mirza

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– Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and 7 tower footings locations including two towers on encroached Government land for LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) and RoW corridor. The report will be further updated to incorporate once the compensation is paid to affected landowners for both the tower footing location and RoW corridor.

The total **land requirement** for the transmission lines is 2.745 for tower footing area and 9.635 for RoW corridor for both the Transmission Lines and is comprised primarily of the following:

- The report covers 15 tower footing locations across both Transmission Lines, where the identification of landowners has been completed by the respective Revenue Circle.
- The RoW of “LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon is 35 meters with a line length of 1.185 km and approx. 41475 sq. m of land i.e. 4.1475 hectare of affected land area is involved.
- The RoW of “LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) is 35 meters with a line length of 1.560 km and approx. 54600 sq. m of land i.e. 5.460 hectare of affected land area is involved.
- The route of “LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon” comprises of land from 2 villages namely Paneri and 2 no. Jambari.
- The route of “LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)” comprises of land from one village namely Telia Gaon.
- The ground area required for different types of towers are: - for DA type towers approx. 35 to 51 sqm., DB type towers is approx. 47 to 66 sqm., DC type towers is approx. 50 to 70 sqm., and DD type towers is approx. 57 to 79 sqm.
- For the LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon, transmission line, temporary access roads for 5 tower foundation locations will be required out of 8 tower foundation sites, while the remaining 3 locations can be accessed via existing rural roads. Most of these tower foundation sites are located in paddy fields. In total, approximately 0.063 hectares of land will be temporarily affected by the construction of access roads, primarily impacting paddy crops.
- For the LILO of the 220kV Samaguri (AEGCL - Existing) – Sarusajai (AEGCL - Existing) D/C Line at Nagaon-2 (AEGCL - New), temporary access roads will be required to reach seven tower foundation locations. These access routes will temporarily impact land belonging to eight affected landowners, including three cases of encroachment on Government land. Most of the tower sites are located in paddy fields, and the construction activities are expected to temporarily affect approximately 0.52 hectares of land, primarily impacting paddy cultivation.
- The compensation amount for crop damage along the access road areas for both the LILO transmission lines has been finalized by the relevant administrative department.

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Following approval from the Revenue Department, the EPC Contractor will disburse the compensation to the affected landowners before commencement of works. However, effort will be taken to minimize or avoid damage to crops by scheduling tower foundation work after the harvesting season.

Policy, Legal and Administrative Framework: The RoW permission for the transmission line has been obtained in keeping with the requirements of the Electricity Act 2003, the Indian Telegraph Act 1885, MoP Guidelines for Payment of Compensation Towards Damages in regard to RoW, October 2015 and Assam Government Power (Electricity) Department, Dispur, Guwahati-6 and new guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024.

Project Impact-The project does not require any land acquisition for construction of LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and LILO of Samaguri (AEGCL-Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. Therefore, no physical displacement is foreseen in the project. The impacts are associated with involuntary economic displacement resulting from project construction. Specifically, they include: (i) loss of structures located within the transmission line's right of way (RoW); (ii) temporary loss of income due to damage to crops and trees during tower installation and wire stringing; and (iii) potential decrease in land value caused by restrictions on land use within the RoW, particularly in areas directly beneath the towers. The project has put in place measures to address these issues, which are detailed in the following chapters. The Check survey has been completed and approved for both the LILO transmission line. The assessment for landowner identification has been completed for 15 nos. tower footing areas. The compensation for tower footing locations is currently under process at concerned Revenue Circle. Once finalized and submitted to the PIU and EPC Contractor, the amount will be disbursed to the affected landowners and the same is expected to be paid to the landowners by September, 2025 as per new guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024 and per ARAP entitlement matrix. The compensation will be paid before commencement of foundation work.

The detail of the various regulatory frameworks pertaining to the project has been discussed in the main ARAP report of Transmission line component under Package-B

As the Project is funded through the AIB, the Bank's Environmental and Social Policy (ESP) applies. The Project has been assigned to "Category B" as per the ESP.

ESS 1 is applicable to the project as civil works may cause a limited number of potentially adverse environmental and social impacts. These impacts are not unprecedented and are limited to the

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project area and same has been presented in the ESIA-ESMP report of Transmission Line of Package-B.

ESS 2 is applicable and accordingly, Abbreviated Resettlement Action Plan (ARAP) has been prepared.

The ESS 3 is applicable if indigenous peoples are present in, or have a collective attachment to, the proposed area of the project, and are likely to be affected by the project. ESS 3 is not applicable for the LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line project. Although one individual from the ST Plains community in 2 no. Jambari village are affected in Chhaygaon Transmission line, it was determined based on site visit, consultations and survey findings, they do not possess distinct cultural, linguistic, or institutional characteristics of Indigenous Peoples. Moreover, the area is not covered under the Sixth Schedule of the Indian Constitution. Hence, ESS 3 is not triggered.

Stakeholder & Public Consultation and Information Disclosure:

The community consultations are carried out in all the villages along the transmission line corridor with local habitants where forty-nine (49) participants participated. The participants include economically weak communities, women, vulnerable groups and other local community leaders nearby the proposed transmission lines on 10th February 2025, 21th March 2025, 11th April 2025 and 19th April 2025 at LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon S/s and 2nd March 2025, 7th March 2025 and 5th April 2025 at LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) S/s. The detailed findings are elaborated in the "Socio-Economic Survey of the Affected Landowners" section.

The transcript of these discussions will help AEGCL and EPC contractor for proper needs assessment to ensure the issues raised by people are addressed appropriately. Consultation will be carried out on an on-going basis throughout the sub-project cycle.

Community welcomed the construction of proposed Transmission Line. No major environmental and social issues were raised during the consultation process. Most of the project affected landowners asked about the payment procedure for tower footing area, access road for tower foundation work and RoW. Further, the PAF has shown their interest on unskilled works on temporary basis when the civil works are initiated.

Local people are waiting eagerly for the implementation to start, so they could receive their compensation amount and hoped for some employment generation.

This draft ARAP will be disclosed online on the website of AIIB and AEGCL. Their hardcopies in English are available at the following locations:

1. PMU: Project Director,
Address: 1st Floor, AEGCL, Bijulee Bhawan,
Contact No.: 0361-2739520

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Website: www.aegcl.coc.in

2. PIU: Project Manager

Address: AGM (Maintenance), 400kV Kukurmara (Mirza) GSS, AEGCL

Email: agmmaintenance.mirza@aegcl.co.in

3. PIU: Project Manager

Address: AGM, T & T Division, Nagaon, AEGCL.

Email: agm.nagaon@aegcl.co.in

Grievance Redress Mechanism (GRM): To ensure environmentally and socially responsible implementation a free, multi-tiered GRM will be established to promptly address concerns or complaints from project-affected people or workers, helping to resolve issues efficiently and avoid litigation.

The GRM will consist of two levels of committees:

- **Tier I** - Operates at the field level.
- **Tier II** - Functions at the Project Management Unit (PMU) / Headquarters level.

Tier II: The composition of the Tier II GRCs is as follows:

Sl. no.	Designation	Position in the Committee	Communication Address		Website & Email id
1.	Chief General Manager (PP&D), AEGCL	Chairman	Assam Electricity Grid Corporation Ltd, (AEGCL) First Floor, Bijuli Bhawan Guwahati - 781001	Contact No.: 0361-2739520	Website: www.aegcl.co.in Mail Id: gm.eap@aegcl.co.in
2.	Project Director (EAP) Projects, AEGCL	Deputy Chairman		Mobile No.: 9859181640	
3.	Dy. General Manager (EAP), PMU, AEGCL	Member		Mobile No.: 7002649012	
4.	E&S Safeguard Specialist, PMU, AEGCL	Member		Mobile No.: 985433922	
5.	Project Related AGMs (EAP), AEGCL	Member		Mobile No.: 9706078551 9864602779 9864577672	
6.	Joint Secretary (Power, Electricity), GoA	Member	GoA, Power (Electricity Dept.), Assam Secretariat, Dispur, Guwahati-781006	Contact No.: 0361-2237260	dy.secy.power@gmail .com
7.	Team Leader, Environment Expert and Social Expert, PMC	Member	House No 1, Saniram Bora Road, Near Bora service Petrol Pump, Guwahati, Assam 781007		aegcl.pmc@feedbackinfra.com

Abbreviated Resettlement Action Plan**ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT****Tier 1: The composition of the Tier I GRCs is as follows:*****The members of the Tier-1 GRC and their communication details in the project Districts***

Sl. No.	Officials	Name of the officials	Contact Details	Designation	
GRC Committee for Chhaygaon					
1	Deputy General Manager, Mirza T & T Circle, AEGCL (Project Authority)	Mr. Arnav Gogoi	9435165696	Chairman	
2	Circle Officer, Chaygaon Revenue Circle, Chaygaon	Mr. Suraj Sonowal	6001704734	Deputy Chairman	
3	Assitent General Manager, 400 kV Kukurmara (Mirza) GSS, AEGCL	Mr. Dip Pathak	9365403950	Member	
(For Chhatabari Industrial Area)					
4	President- 5 No. Uttar Pachim Bangaon GP	Indu Das	6001738543		
5	President- 1, 5 No. Uttar Pachim Bangaon GP	Banita Rabha	6000414744		
6	CBO, President, Chatabari Mathura Library	Padma Das	8011995927		
(For Jambari Industrial Area)					
7	Councilor, 7 No. Uttar Pub Bangaon GP	Hajarat Ali	7002269215		
9	President, 7 No. Uttar Pub Bangaon GP	Jesmin Sultan	8472911458		
10	Secretary, Jironi NGO, Jambari	Gaher Ali	8638979471		
11	Resident AEGCL Engineer	To be declared at the time of award of contract			
12	Representative of EPC contractor				
GRC Committee for Nagaon2					
1	Deputy General Manager, Tezpur T & T circle (Project authority)	Mr. Lohit Krishna Borah	7002259096	Chairman	
2	Circle Officer, Nagaon Sadar Revenue circle			Deputy Chairman	
3	Assistant General Manager, Nagaon T & T Division, AEGCL	Mr. Bipul Kachari	9435512280	Member	
4	Vice President, Bhotai Pathari GP.	Mr. Bhupen Bora	9706947821		
5	Woman representative of Village	Minali Bora	9127220113		
6	NGO worker	Puspa Paul Baruah	9957995023		
7	Environment and social Specialist, PMU	Mr. Dibya Jyoti Baruah	9854339228		
8	Resident Engineer, AEGCL	Sri Bipul Kachari	9435512280		
9	Representative of EPC Contractor	Sharwan Kumar Sarma	9111003745		

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ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

1. Introduction

Asian Infrastructure Investment Bank (AIIB) extends financial assistance for “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 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 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’s at substations.

As part of AIIB’s E&S policy and its compliance requirements, an Abbreviated Resettlement Action plan report (ARAP) is to be in place for associated transmission line.

PT Feedback Infra Limited (PTFIL), Indonesia in Association with Jade Consult Nepal and NIPSA, Spain has been engaged by AEGCL as Project Management Consultant (PMC) including scope of preparation of Abbreviated Resettlement Action plan for the associated transmission line for Package B.

Description of the Project: This Abbreviated Resettlement Action Plan (ARAP) focuses on the construction of two transmission lines:

1. LILO of the 220 kV Mirza–Boko–Azara (AEGCL, existing) D/C line at Chhaygaon spans 1.185 km and includes 8 tower footing locations. This excludes one gantry tower situated within the existing substation land, while one of the 8 towers is located on encroached Government land. LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) , covering 1.560 kmand includes 7 tower footing locations This excludes one gantry tower situated within the existing substation land, while two of the 7 towers is located on encroached Government land

The report will be updated in due course to include details of compensation once payments to the affected landowners have been completed for both tower footing location and RoW corridor.

A brief on activities under taken during construction phase are:

- Pre-construction Activity including a reconnaissance, walkover and detailed route survey was carried out to identify the corridor and fixing the alignment;
- Preliminary & Detail Survey was conducted for finalizing the tower spotting and alignment of route.

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- Soil investigation at tower locations was carried out to ascertain the type of foundation to be adopted.
- Marking of the Route and Right of Way (RoW)
- Clearing of Towering Sites
- Foundations for Towers
- Erection of Towers
- Stringing
- Protection of Tower Footing (if required)
- Final checking
- Testing and Commissioning

A brief on activities under taken during Operation phase are:

- Ground inspection by lineman / team
- Inspection of Towers
- Thermo-vision scanning
- Punctured insulator detection
- Attending all Defects

1.1 Purpose of the report

The Abbreviated Resettlement Action Plan (ARAP) for transmission line projects aims to address the socio-economic impacts arising from restrictions on land use within the Right of Way (RoW) corridor and tower footing areas. The plan ensures that affected landowners receive fair compensation and support in accordance with national regulations and AIBB guidelines. It provides a framework for mitigating potential economic losses due to the imposed restrictions, such as limitations on agricultural activities, construction, or other land uses beneath transmission lines. The report outlines mitigation measures, including compensation frameworks and stakeholder engagement, to address these socio-economic impacts.

Additionally, the ARAP outlines measures to safeguard the rights and livelihoods of indigenous communities, if present within the project-affected area. It ensures their concerns are addressed through meaningful consultation, participation, and culturally appropriate mitigation strategies. The plan serves as a guiding document for project authorities, and stakeholders to implement compensation, grievance redress mechanisms, and livelihood restoration measures while maintaining compliance with environmental and social safeguards.

1.2 Objective of Abbreviated Resettlement Action Plan / Resettlement Action Plan

The primary objective of the Abbreviated Resettlement Action Plan is to identify impacts/damages and to plan measures to mitigate losses likely to be caused by the projects. The ARAP is based on the general findings of field visits, preliminary assessments and meetings with various project-affected persons in the project areas. The ARAP presents (i) introduction

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and project description (ii) socio-economic information and profile (iii) legal & regulatory framework (iv) project impacts, (v) entitlement, assistance and benefit (vi) information disclosure, consultation and participation (vii) Institutional Arrangements & Monitoring and Evaluation (viii) grievance redress mechanism (ix) budget (x) implementation schedule and (xi) Summary, Recommendation and Conclusion. The ARAP is guided by The Electricity Act 2003, The Indian Telegraph Act, 1885, Govt. of Assam notification dated 10th March 2017 and new guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024 for payment of compensation towards damages in regards to right of way for the LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line, AEGCL/ESMPF and AIBB Environmental and Social Policy.

1.3 Scope and Limitation of the ARAP

Based on the assessment of the proposed project components and interventions, it has been established that no permanent land acquisition is required, as transmission line projects do not involve land acquisition for tower footings or the Right of Way (RoW) corridor. The ownership of the land remains with the respective landowners, who are allowed to resume cultivation after the completion of construction activities as per prevailing norms. However, for tower base area agriculture activities are suggested not to carry out considering the electrical safety measures.

The anticipated project impacts are limited to restricted land use under tower footings and within the transmission line RoW corridor. These impacts are permanent for tower base area and temporary for RoW corridor and primarily related to construction activities, including land disturbances, stringing operations, and potential loss of standing crops or trees.

This version of the ARAP will present the general principles, methodologies, and entitlements matrix based on the total affected area, recognizing that the specific individuals and households to be impacted have not yet been fully identified along the corridor while understanding the socioeconomic context. A more detailed and site-specific update will follow once the census and asset verification surveys are completed.

As per the latest guidelines issued by the Ministry of Power, Government of India (Ref No. 3/4/2016-Trans-Part (4), dated 14.06.2024), and the Notification from the Power Department, Government of Assam, Dispur, Guwahati-6, dated 04.11.2024, the compensation process for 8 tower footings locations including one tower on Government Land for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and 7 tower footings locations including two towers on encroached Government land for LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) transmission line is currently being carried out by the concerned administrative department. The payment is expected to be disbursed to the affected persons by September, 2025.

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A socio-economic census survey was conducted from May 26th to 27th, 2025, covering 8 tower footings locations including one tower on Govt. land under the LILO of the 220 kV Mirza-Boko-Azara (AEGCL-Existing) D/C Line at Chhaygaon. Subsequently, a similar survey was carried out on May 28th and 29th, 2025, covering 7 tower footing locations including two towers on encroached Government land under the LILO of the Samaguri (AEGCL-Existing)-Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New). The findings of these surveys are detailed in the Socio-Economic Census section. Moreover, the socio-economic survey for RoW corridor was conducted on 28th and 29th June, 2025 for both the LILO lines of Chhaygaon and Nagaon2 on sampling method. The detailed findings are elaborated in the "Socio-Economic Survey of the Affected Landowners" section.

1.4 Measures to Minimize Impact

In compliance with the Environmental and Social Management Planning Framework (ESMPF) and the Asian Infrastructure Investment Bank (AIIB) Safeguard Policies, AEGCL/State Utilities have carefully selected and finalized the route for the LILO of 220 kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon and LILO of Samaguri (AEGCL- Existing) -Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. The selection process prioritized minimizing potential temporary damages to crops, trees, and structures within the Right of Way (RoW) corridor during construction. Field visits and public consultations were conducted to assess potential impacts and develop mitigation measures to reduce negative social and economic effects on communities.

This project does not involve permanent land acquisition, in accordance with the relevant legal framework, including the Electricity Act, 2003, the Indian Telegraph Act, 1885, and the Ministry of Power (MoP) Guidelines for Payment of Compensation Towards Damages in regard to RoW (October 2015). Additionally, it adheres to the latest guidelines issued by the Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) and the Government of Assam, Power Department, Dispur, Notification dated 04-11-2024.

To minimize disruption, all tower foundations and footings are excavated and installed post-harvest whenever feasible, reducing the impact on agricultural productivity. However, any damages incurred during construction will be duly compensated as per the established guidelines and entitlement matrix. Once construction is completed, farmers will be allowed to resume agricultural activities beneath the transmission line RoW corridor, as per prevailing norms. However, for tower base area agriculture activities are suggested not to carry out considering the electrical safety measures.

No household faces permanent displacement due to the project. Disruptions will be minimized through careful planning, and any losses will be fully compensated as per the laid-down procedure. Additionally, efforts will be made to prevent damage to crops and trees by scheduling construction during lean periods or post-harvest seasons whenever possible.

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2. Socio- Economic Profile of Project Affected Areas

This chapter presents the socio-economic profile of the tower footing locations based on census survey, along with a sampling method for within the Right of Way (RoW) corridor for the Chhaygaon and Nagaon-2 transmission lines under Package B. . For the Chhaygaon transmission line, the survey was conducted from May 26th to 27th, 2025, covering 8 tower footing locations including one tower on Government Land. Similarly, for the Nagaon-2 transmission line, the survey covering 7 tower footing locations including two towers on encroached Government land was carried out from May 28th to 29th, 2025. Moreover, the socio-economic survey for RoW corridor was conducted on 28th and 29th June, 2025 for both the LILO lines of Chhaygaon and Nagaon2 on sampling method. Photographic documentation of these surveys is provided in **Appendix-3**.

The socio-economic survey was conducted through door-to-door interviews using a pre-designed questionnaire. The questionnaire captured demographic information such as family composition, education/literacy levels, caste/tribe status, income levels, landholding patterns, and vulnerability status. To establish the socio-economic profile of the study area along the Right of Way (RoW) corridor, a sample survey was carried out covering 12 households out of a total of 34 households residing in the villages along the Chhaygaon and Nagaon-2 transmission lines. Some households were unavailable during the survey due to paddy cultivation season in Assam, and continuous rainfall causing waterlogging and inundation further limited access. A detailed census for the Right of Way (RoW) corridor and the remaining tower footings will be conducted once the relevant authorities confirm the list of Project Affected Households (PAHs) and Project Affected Persons (PAPs).

Socio-Economic Profile for Chhaygaon and Nagaon 2 Transmission Lines.

2.1 Socio-Economic Profile Chhaygaon Transmission Line

Demographic details

The restricted or permanent/temporary use of land for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon has affected 13 families, comprising 70 family members. Among them, there are 26 adult male members and 24 adult female members, while the remaining include 10 male children and 10 female children.

Table 1: Distribution of Affected persons (Population) of Chhaygaon TL

Sl. No	Gender	Number	Percentage
1	Adults Male	26	37.14
2	Adults Female	24	34.28
3	Children Male	10	14.29
4	Children Female	10	14.29
Total		70	100

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2.2 Family Size of Chhaygaon Transmission Line

The family size found that the majority of families, i.e., 09 have 1-5 family members, while 03 have 6-10 family members and 01 family have 11-15 family members.

Table 2: Distribution of Households Size of Chhaygaon TL

Sl.No	Household Size	No. of Affected landowners	Percentage
1	1 to 5	09	69.23
2	6 to 10	03	23.08
3	11 to 15	01	7.69
	Total	13	100

Education profile

2.3 Literacy of Chhaygaon Transmission Line

As per socio-economic census survey information 07 affected families have family heads attending up to Secondary level education. This is followed by 03 families have family heads attending up to Higher secondary level Education, 02 families have family heads attending up to Primary level Education and 01 families have family heads attending up to Graduate level education as mentioned in Table 3.

Table 3: Summary of Literacy Level of Chhaygaon TL

Sl. No	Education Status	Number of Affected landowners	Percentage
1	Illiterate	00	00
2	Primary (up to class 4)	02	15.38
3	Secondary (up to class 10)	07	53.85
4	Higher Secondary (up to class 12)	03	23.08
5	Higher (up to graduate)	01	7.69
	Total	13	100

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2.4 Landholding of Chhaygaon Transmission Line

As per the Government of Assam¹, the farmers are classified into a) Marginal (having below 1 ha. of land), b) Small (1 to 2 ha.), c) Semi-medium (2 to 4 ha.), d) Medium (4 to 10 ha.) and e) Large (above 10 ha.).

From the table below, it is observed that 12 households are marginal farmers, and the remaining one household are semi medium farmers.

Table 4: Distribution of Landholdings of Affected landowners of Chhaygaon TL

Sl. No	Farmer Classification	Land holding (ha)	No. of Affected landowners -	Percentage
1	Marginal	below 1	12	92.31
2	Small	1 - 2	00	00
3	Semi Medium	2 - 4	01	7.69
4	Medium	4 - 10	00	00
Total			13	100

2.5 Workforce Participation of Chhaygaon Transmission Line

Out of the total 13 affected family heads, 08 affected landowners are engaged in Business. This is followed by four engaged in agriculture, and one engaged in government job.

Table 5: Occupation Status of Chhaygaon TL

Sl. No.	Employment Status	Number of Affected landowners	Percentage
1	Agriculture	04	30.77
2	Business	08	61.54
3	Private Job	00	00
4	Govt Job	01	7.69
5	Daily wage worker	00	00
6	Unemployed	00	00
Total		13	100

2.6 Income Distribution Pattern of Affected landowners of Chhaygaon TL

As per the socio-economic census survey, the cumulative annual income of all earning members varies among the affected landowners. Six affected landowners have an annual income within the range of Rs. 1,00,001-2,00,000, while four affected landowners within the income ranges

1

https://des.assam.gov.in/sites/default/files/swf_utility_folder/departments/ecostat_medhassu_in_oid_3/thi_s_comm/agri_census2010-11_phase1.pdf

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from Rs. 2,00,001–3,00,000, whereas two falls within the income ranges from Rs. 4,00,000 and one affected landowner has an income above Rs. 3,00,001–4,00,000.

Table 6: Income Pattern of Affected landowners of Chhaygaon TL

Sl. No.	Income Range in Rs/- per Annum	Number of Affected landowners	Percentage
1	<1,00,000	00	00
2	1,00,001-2,00,000	06	46.15
3	2,00,001-3,00,000	04	30.77
4	3,00,001-4,00,000	01	7.69
5	>4,00,000	02	15.39
	Total	13	100

2.7 Social Stratification of Affected Families of Chhaygaon Transmission Line

The majority 12 of affected landowners belongs to General Castes and 01 affected landowners belong to Schedule Tribe Caste.

Table 7: Social Stratification of Affected landowners of Chhaygaon TL

Caste	Number of Affected landowners	Percentage
General	12	92.31
SC	00	00
ST	01	7.69
Other Backward Caste	00	00
Total	13	100

2.8 Socio-Economic Profile for Nagaon2 Transmission Line

The restricted or permanent/temporary use of land for the LILO of Samaguri (AEGCL- Existing) –Sarujajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) has affected 12 families, comprising 65 family members. Among them, there are 23 adult male members and 17 adult female members, while the remaining include 15 male children and 10 female children.

Table 8: Distribution of Affected persons of Nagaon2 TL

Sl. No	Gender	Number	Percentage
1	Adults Male	23	35.38
2	Adults Female	17	26.15
3	Children Male	15	23.08
4	Children Female	10	15.39
	Total	65	100

2.9 Family Size of Nagaon2 Transmission Line

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The majority of families, i.e., 07 have 1–5 family members, while 05 family have 06–10 family members.

Table 9: Distribution of Households Size of Nagaon2 TL

Sl.No	Household Size	No. of Affected landowners	Percentage
1	1 to 5	07	58.33
2	6 to 10	05	41.67
3	11 to 15	00	00
Total		12	100

2.10 Literacy of Nagaon2 Transmission Line

As per socio-economic census survey information 7 affected families have family heads attending up to Secondary level education. This is followed by 3 families have family heads attending up to Graduate level Education and 2 families have family heads attending up to Higher secondary level education as mentioned in Table 3.

Table 10: Summary of Literacy Level of Nagaon2 TL

Sl. No	Education Status	Number of Affected landowners	Percentage
1	Illiterate	00	00
2	Primary (up to class 4)	00	00
3	Secondary (up to class 10)	07	58.33
4	Higher Secondary (up to class 12)	02	16.67
5	Higher (up to graduate)	03	25.00
Total		12	100

2.11 Landholding of Nagaon2 Transmission Line

As per the Government of Assam², the farmers are classified into a) Marginal (having below 1 ha. of land), b) Small (1 to 2 ha.), c) Semi-medium (2 to 4 ha.), d) Medium (4 to 10 ha.) and e) Large (above 10 ha.).

From the table below, it is observed that 11 households are marginal farmers, and the remaining one household are semi medium farmers.

Table 11: Distribution of Landholdings of Affected landowners of Nagaon2 TL

Sl. No	Farmer Classification	Land holding (ha)	No. of	Percentage
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			Affected landowners -	
1	Marginal	below 1	11	91.67
2	Small	1 - 2	00	00
3	Semi Medium	2 - 4	01	8.33
4	Medium	4 - 10	00	00
Total			12	100

2.12 Workforce Participation of Nagaon2 Transmission Line

Out of the total 12 affected family heads, 04 affected landowners are engaged in Business. This is followed by four engaged in agriculture, while two engaged in private job and two engaged in government job.

Table 12: Occupation Status of Nagaon2 TL

Sl. No.	Employment Status	Number of Affected landowners	Percentage
1	Agriculture	04	33.33
2	Business	04	33.33
3	Private Job	02	16.67
4	Govt Job	02	16.67
5	Daily wage worker	00	00
6	Unemployed	00	00
Total		12	100

2.13 Income Distribution Pattern of Affected landowners of Nagaon2 TL

As per the socio-economic census survey, the cumulative annual income of all earning members varies among the affected landowners. Four affected landowners have an annual income the range of above Rs. >400000, while three affected landowners within the income ranges from Rs. 1,00,001-2,00,000, whereas three falls within the income ranges from Rs. 3,00,001-4,00,000 and two affected landowner has an income range from Rs. 2,00,001-3,00,000.

Table 13: Income Pattern of Affected landowners of Nagaon 2 TL

Sl. No.	Income Range in Rs/- per Annum	Number of Affected landowners	Percentage
1	<1,00,000	00	00
2	1,00,001-2,00,000	03	25.00
3	2,00,001-3,00,000	02	16.67
4	3,00,001-4,00,000	03	25.00
5	>4,00000	04	33.33
Total		12	100

2.14 Social Stratification of Affected Families of Nagaon2 TL

All the 12 affected landowners belong to General Castes.

Table 14: Social Stratification of Affected landowners of Nagoan2 TL

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Caste	Number of Affected landowners	Percentage
General	12	100
SC	00	00
ST	00	00
Other Backward Caste	00	00
Total	12	100

2.15 Impact on Indigenous People for both the LILO line.

The Constitution of India identifies Scheduled Areas that are predominantly inhabited by tribal communities. In Assam, special provisions have been extended to the Tribal Areas under the Sixth Schedule [Articles 244(2) and 244(A) of the Constitution], in addition to the basic fundamental rights. The Sixth Schedule provides for the administration of tribal areas as autonomous entities, with governance vested in District Councils for autonomous districts and Regional Councils for autonomous regions. However, the LILO of the 220 kV Mirza-Boko-Azara (AEGCL-Existing) D/C Line at Chhaygaon and the LILO of the Samaguri (AEGCL-Existing)-Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) does not fall under a Sixth Schedule Area.

As per the AIBB mandates ESS 3 applies if Indigenous Peoples are present in, or have a collective attachment to, the proposed area of the Project, and are likely to be affected by the Project. The term Indigenous Peoples is used in a generic sense to refer to a distinct, vulnerable, social and cultural group possessing the following characteristics in varying degrees: (a) self-identification as members of a distinct indigenous cultural group and recognition of this identity by others; (b) collective attachment to geographically distinct habitats or ancestral territories in the Project area and to the natural resources in these habitats and territories; (c) customary cultural, economic, social or political institutions that are separate from those of the dominant society and culture; and (d) a distinct language, often different from the official language of the country or region.

Based on the criteria (ESS) 3 is not applicable to the construction of the LILO of the 220 kV Mirza-Boko-Azara (AEGCL-Existing) D/C Line at Chhaygaon and the LILO of the Samaguri (AEGCL-Existing)-Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. Although one individual from the Scheduled Tribe (ST) Plains community are affected by tower footing activities in 2 no. Jambari village in Chhaygaon transmission line, they do not exhibit the distinct characteristics that define Indigenous Peoples under ESS 3. During the public consultation and socio-economic survey, it was found that the affected population lives within the mainstream society and does not maintain a separate language, culture, or distinct customary economic and social institutions from those of the dominant population. Furthermore, they are not located in an area designated under the Sixth Schedule of the Constitution of India, which applies to certain

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regions in the state of Assam. Accordingly, the provisions of ESS 3 are not triggered for this project.

2.16 Impacts on Females and other Vulnerable

In both the LILO of the 220kV Mirza-Boko-Azara (AEGCL - Existing) D/C Line at Chhaygaon and the LILO of the 220kV Samaguri (AEGCL - Existing) - Sarusajai (AEGCL - Existing) D/C Line at Nagaon-2 (AEGCL - New), no female/women-headed/ widows/ or any landowners with disabilities, below poverty line landowners have been identified among the affected persons. All affected landowners are adult male. However, this will be further be confirmed as part of the census.

3. Legal & Regulatory Framework

3.1. Overview

For transmission line project, land for tower and right of way is not acquired and ownership of land remains with the owner. Once construction is completed, farmers will be allowed to resume agricultural activities beneath the transmission line RoW corridor as per prevailing norms. However, for tower base area agriculture activities are suggested not to carry out considering the electrical safety measures.

However, as per existing laws compensation for all damages are paid to the individual land owner. The relevant national laws applicable for transmission line project are (i) The Electricity Act, 2003 and (ii) The Indian Telegraph Act, 1885 and (iii) MoP Guidelines for Payment of Compensation Towards Damages in regard to RoW, October 2015 and Assam Government Power (Electricity) Department, Dispur, Guwahati-6 and new guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024. The MoP Guidelines for Payment of Compensation Towards Damages in regard to RoW of Ministry of Power, Govt of India and Govt. of Assam, Power Deptt. Assam is **Appendix at 7 and 8**. The compensation principles adopted for this project shall comply with applicable laws and regulations of the Government of India/ State Govt, AIB Safeguard Policies and approved Environmental and Social Management Planning Framework (ESMPF) of Assam Intra State Transmission System Enhancement Project (AISTSEP).

3.2. Statutory Requirements

The RoW permission for the transmission line has been obtained in keeping with the requirements of the Electricity Act 2003, the Indian Telegraph Act 1885 (**Appendix 12**). The Transmission lines are constructed under the ambit of The Electricity Act, 2003. The provisions stipulated in section 67-68 of the Electricity Act, 2003 read with section 10 & 16 of the Indian Telegraph Act, 1885 governs the compensation as AEGCL has been vested with the powers of Telegraph Authority vide Power(Electricity) MoP Guidelines for Payment of Compensation

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Towards Damages in regard to RoW, October 2015 and Assam Government Power (Electricity) Department, Dispur, Guwahati-6 and new guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024. As per the provision of Indian Telegraph Act, 1885 under section 10 (b), AEGCL is not authorized to acquire any land hence land under tower is not acquired. However, compensation for all damages will be paid to the individual landowner as per the provision of Section-10 (d) of Indian Telegraph Act, 1885.

3.3. The provisions in the Electricity Act, 2003 and Indian Telegraph Act, 1885 regarding compensation for laying of transmission lines are as follows:

Section 67 (3&4)

(1) A licensee shall, in exercise of any of the powers conferred by or under this section and the rules made thereunder, cause as little damage, detriment and inconvenience as may be, and shall make full compensation for any damage, detriment or inconvenience caused by him or by anyone employed by him.

(2) Where any difference or dispute [including amount of compensation under sub-section

(3) Arises under this section, the matter shall be determined by the Appropriate Commission.

Section 68 (5&6)

(1) Where any tree standing or lying near an overhead line or where any structure or other object which has been placed or has fallen near an overhead line subsequent to the placing of such line, interrupts or interferes with, or is likely to interrupt or interfere with, the conveyance or transmission of electricity or to interrupt or interfere with the conveyance or transmission of electricity or the accessibility of any works, an Executive Magistrate or authority specified by the Appropriate Government may, on the application of the licensee, cause the tree, structure or object to be removed or otherwise dealt with as he or it thinks fit.

(2) When disposing of an application under sub-section

(3) an Executive Magistrate or authority specified under that sub-section shall, in the case of any tree in existence before the placing of the overhead line, award to the person interested in the tree such compensation as he thinks reasonable, and such person may recover the same from the licensee.

Explanation-For purposes of this section, the expression tree shall be deemed to include any shrub, hedge, jungle growth or other plant.

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- **The Indian Telegraph Act, 1885, Part-III, Section 10 (“e”):**

“Section 110 – The telegraph authority may, from time to time, place and maintain a telegraph line under, over, along, or across, and posts in or upon any immovable property, Provided that

- a) The telegraph authority shall not exercise the powers conferred by this section except for the purposes of a telegraph established or maintained by the [Central Government], or to be so established or maintained;
- b) The [Central Government] shall not acquire any right other than that of user only in the property under, over, along, across in or upon which the telegraph authority places any telegraph line or post; and
- c) Except as hereinafter provided, the telegraph authority shall not exercise those powers in respect of any property vested in or under the control or management of any local authority, without the permission of that authority, and
- d) In the exercise of the powers conferred by this section, the telegraph authority shall do as little damage as possible, and, when it has exercised those powers in respect of any property other than that referred to in clause I, shall pay full compensation to all persons interested for any damage sustained by them by reason of the exercise of those powers.”

- **MoP Guidelines for Payment of Compensation Towards Damages in regard to RoW, October 2015**

Ministry of Power (MoP), Government of India (GoI) vide notification no. 3/7/2015-Trans dated 15.10.2015 has issued ‘Guidelines for payment of compensation towards damages in regard to Right of Way for transmission lines. It is to be noted that the guidelines have proposed compensation to be paid for the base area in between the transmission tower (between four legs) and towards diminution of land value in the width of the RoW corridor due to laying of transmission line @ 85 % and 15 % respectively of the land value as determined by the District Magistrate or any authority based on circle rate/ guideline value/ stamp value/stamp act.

- **Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024), has notified guidelines for compensation related to Right of Way (RoW) for transmission lines, including urban areas, ensuring uniformity in payments to affected landowners.**

Compensation Structure: Tower Base Compensation: 200% of land value for the area enclosed by the four legs of the tower at ground level, plus a one-meter extension on each side.

RoW Corridor Compensation: 30% of land value for land within the RoW corridor, as per Schedule VII of the Central Electricity Authority

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- **Assam Government Power (Electricity) Department, Dispur, Guwahati-6**

No.PEI.219/2015/91: The Governor of Assam is pleased to notify the following rates for payment of compensation towards damages in regards to Right of Way for transmission lines. In accordance with the Guidelines of Ministry of Power, Govt of India, vide Ref No. 03/07/2015 Trans, dated 15.10.2015 for maintaining uniformity in compensation payment to the affected land owners during construction of transmission lines, it has been decided that a similar payment methodology towards compensation shall also be adopted in the state of Assam. The guidelines of payment methodology of compensation towards “damages” as stipulated in Section 67 & 68 of the Electricity Act, 2003 read with Section 10 and 16 of Indian Telegraph Act 1885 shall be in addition to the compensation towards normal crop and tree damages. This amount will be payable only for transmission lines supported by tower base of 66kV and above and not for sub-transmission and distribution lines below 66kV & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024.

- **Government of Assam Power Department Dispur: Guwahati-06**

No.PEL.510851/30: - The Governor of Assam is pleased to notify the guidelines for payment of compensation towards damages in regard to Right of Way for transmission lines including those in urban areas. In accordance with Guidelines of Ministry of Power, Govt. of India, vide Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024 for maintaining uniformity in compensation payment to the affected land owners during construction of transmission lines, it has been decided that a similar payment methodology towards Compensation shall also be adopted in the State of Assam.

- **Cut-Off-Date**

The dates of the respective socio-economic surveys—27th May 2025 for Chhaygaon TL and 29th May 2025 for Nagaon-2 TL—will serve as the official cut-off dates for identifying affected persons in each area. These dates have been formally communicated to the affected communities in advance. Specifically, the affected landowners and villagers were informed on 26th and 27th April 2025 regarding the schedule of the upcoming surveys from 26th to 27th May 2025 for the Chhaygaon TL and from 28th to 29th May 2025 for the Nagaon-2 TL.

Accordingly, 27th May 2025 for Chhaygaon TL and 29th May 2025 for Nagaon-2 TL will be treated as the final cut-off dates for determining eligibility for compensation and other entitlements.

The date of the census survey shall serve as the cut-off date for determining eligibility for compensation. Any individuals who settle in the affected area after the cut-off date will not be eligible for compensation.

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3.4. Gap Analysis of ESS2 and National Policy

Table 15: Gap Analysis of ESS2 and National Policy

Subject	National Regulations	AIIB ESS 2	Gaps and measures to bridge gaps
Additional assistance to PAPs	The Act has the provision of transportation cost of Rs. 50000/- for each displaced family and one-time resettlement allowance of Rs. 50000/- for each affected family to provide support during relocation.	It is necessary to provide assistance during relocation; particular attention is to be paid to the needs of poor and vulnerable individuals and groups.	AEGCL will ensure providing financial assistance to PAP's as per GoI regulations, which generally covers the provisions of AIIB's ESS2.
Livelihood restoration and assistance	The Act provides for various types of support to affected and displaced families. It employment to one member of the displaced family if jobs are created under the project by providing suitable training or onetime payment of Rs. 5 lakhs to restore their livelihood and living standard. Besides, a subsistence grant @ Rs. 3000/- per month for 12 months to each displaced family. In addition to this amount, the Scheduled Castes and the STs families displaced from the Scheduled Area shall be paid one time financial assistance of Rs. 50000/-.	ESS 2 provides that the RP or policy include measures to ensure that the displaced persons are (i) offered support after displacement for a transitional period, based on a reasonable estimate of the time likely to be needed to restore their livelihood and standard of living; and, (ii) provided with development assistance in addition to compensation measures, such as land preparation, credit facilities, training or job opportunities.	AEGCL will ensure the livelihood restoration and assistance as per GoI regulation, which generally covers the provisions of AIIB's ESS2.
Resettlement instruments, census and social impact assessment	Conducting Social Impact Assessment (U/s 4 of the Act) is mandatory before the land acquisition for the project is initiated under the RFCTLARR Act, 2013. Preparation of the Resettlement and Rehabilitation Scheme (U/s 16 of the Act) is compulsory. Census, the socio-economic survey, and consultations are carried out for the preparation of Resettlement Plan for all externally funded projects. Depending upon the magnitude of impacts, a ARAP shall be prepared for each sub-project separately.	Preparation of individual RPs, census survey and social impact assessment.	As per GoI norms development of RP or socio-economic survey is not required for transmission line projects as no land acquisition is required for area under tower footing. The preliminary assessment does not envisage and Land acquisition for substation land. Thus, does not require development of ARAP. AEGCL will insure the development of subproject specific ARAP.
	Conducting meaningful consultations with affected persons and others and disclosure of the report mandatory exercise as per the Act. Section 5, Section	Meaningful consultations with affected persons and communities, local	AEGCL will ensure that public consultation and disclosure is carried out during entire project duration.

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Subject	National Regulations	AIIB ESS 2	Gaps and measures to bridge gaps
Meaningful consultations	6, Section 18, and Section 19 are related to consultation and disclosure. The public hearing for SIA is conducted in the affected area after giving adequate publicity and pre-fixed date, time and venue.	authorities, and, as appropriate, nongovernmental organizations need to be carried out.	Consultation is to be carried out with affected persons and other and disclosure is to be made as per Gol regulations and AIIB's policy.
Cut-off date for eligibility and census	<p>The cut-off date is the date for determining the entitlements (compensation and assistance) to all those who are affected by the project irrespective of the ownership of titles.</p> <p>According to the Act, the cut-off date for assistance to those depending on affected private lands is three years preceding the acquisition and for the titleholders, it is the date of notification under the said Act.</p> <p>Thus, in case of land acquisition, the date of issue of public notice of intended acquisition under Section 4(1) under the Act will be treated as the cut-off date for title holders.</p>	Normally, the cut-off date is the date the census begins. The cut-off date could also be the date the project area was delineated, prior to the census, provided that there has been an effective public dissemination of information at the area delineated, and systematic and continuous dissemination subsequent to the delineation to prevent further encroachment.	The Act does not cover encroachers, squatters, and others collectively known as non-titleholders. For non-titleholders, the cut-off date will be the start date of the census survey/enumeration of affected persons for each sub-project.
Timing of compensation of payments	The Act ensures that the possession of land is taken after full payment of compensation (within 3 months) as well as resettlement entitlements (within 6 months) to entitled persons from the date of award U/s 30 of the Act.	The compensation should be provided before construction work start and before taking possession of the assets	AEGCL will ensure that compensation is provided before construction work start and before taking possession of the assets
Resettlement of formal owners of immovable property except agricultural land	<p>The Act provides compensation and resettlement and rehabilitation assistance to entitled persons. The market value of the immovable property is determined as per the current BSR of the State/District and then solatium is added @ 100%. The value of the immovable property without depreciation along with solatium is the replacement cost.</p> <p>The entitled person is eligible for following resettlement and rehabilitation assistance: (i) provision of a housing unit in case of displacement; (ii) subsistence grant @ Rs. 3000/- per month for 12 months to each displaced family; (iv) transportation cost of Rs. 50000/- for each displaced family; (v) one-time resettlement allowance of Rs. 50000/- for each</p>	<p>Option 1: Cash compensation: Cash compensation at replacement cost.</p> <p>Option 2: Resettlement: Replacement property of equal or higher value and similar productivity + Moving and transitional allowance + Administrative fees</p>	AEGCL will ensure the Resettlement of formal owners of immovable property as per Gol regulation. which generally covers the provisions of AIIB's ESS2

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Subject	National Regulations	AIIB ESS 2	Gaps and measures to bridge gaps
	<p>affected family; (vi) provision of stamp duty and registration fees if a house is allotted to the affected families.</p> <p>The Scheduled Castes and the STs families displaced from the Scheduled Area shall be paid one-time financial assistance of Rs. 50000/- over and above the resettlement and rehabilitation assistance mentioned above.</p>		
<p>Acquisition of agricultural land</p>	<p>The Act provides compensation and resettlement and rehabilitation assistance to entitled persons. The market value of land is determined as per section 26 of the Act which is the replacement cost. The payment of compensation is four times the market value of the land determined in rural areas and 2 times the market value of land determined in urban areas.</p> <p>Besides, compensation entitled persons are eligible for resettlement and rehabilitation assistance which includes the following: (i) onetime payment of Rs. 5 lakhs to restore their livelihood and living standard; (ii) subsistence grant @ Rs. 3000/- per month for 12 months to each displaced family; (iii) provision of stamp duty and registration fees if the land is allotted to the affected families.</p>	<p>Resettlement: Replacement property of equal or higher value and similar productivity + Moving and transitional allowance + Administrative fees</p>	<p>AEGCL will ensure that the Acquisition of agricultural land (if involved) will be as per Gol regulation. which generally covers the provisions of AIIB's ESS2</p>
<p>Resettlement of informal owners of buildings</p>	<p>The Act does not cover informal owners of buildings known as non-titleholders.</p>	<p>PAP is entitled to cash compensation at replacement cost for construction of similar quality construction with additional moving and transitional allowances AND The value of time invested in construction</p>	<p>AIIB does not differentiate between the titleholders and non- titleholders (encroachers, squatters, tenants, etc) except for compensation for land. Assam Electricity Grid Corporation Ltd. (AEGCL), Govt of Assam, recognizes existence of such informal owners and occupants of the building (encroachers, squatters, tenants, etc) for the Enhancement of Intra State Transmission System of Assam Project and agrees to provide resettlement</p>

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Subject	National Regulations	AIIB ESS 2	Gaps and measures to bridge gaps
			and rehabilitation assistance including cost of buildings (as per current BSR of the District/State - the value of time invested in constructed is subsumed in the BSR), shifting allowance, displacement allowance, subsistence grant, etc at par with titleholders in accordance with the Second Schedule of the RFCTLARR Act, 2013. Non-titleholders (encroachers, squatters, tenants) will not be eligible for compensation of land encroached upon or occupied without authority or squatted upon for whatever purpose(s).
Resettlement of informal users of agricultural land	The Act also provides rehabilitation and resettlement entitlements to families whose livelihood is primarily dependent on land acquired. The rehabilitation and resettlement entitlements include the following: (i) onetime payment of Rs. 5 lakhs to restore their livelihood and living standard; (ii) subsistence grant @ Rs. 3000/- per month for 12 months to each displaced family; (iii) one-time resettlement allowance of Rs. 50000/- for each affected family. The value of perennial crops shall be determined by the concerned department as the standard process followed.	PAP is entitled to cash compensation for any improvements made on the land e.g. irrigation, drainage, perennial crops, objects etc. at replacement cost, and support after displacement for a transition period to restore livelihood.	The replacement cost of improvements (irrigation channel, drainage etc.) made on the land shall be estimated without depreciation as per the method followed by the concerned department (Irrigation or Water Resources Department) based on the current year rate.
Resettlement of the lessee of agricultural land	The Act also provides rehabilitation and resettlement entitlements to families whose livelihood is primarily dependent on land acquired. The rehabilitation and resettlement entitlements include the following: (i) onetime payment of Rs. 5 lakhs to restore their livelihood and living standard; (ii) subsistence grant @ Rs. 3000/- per month for 12 months to each displaced family; (iii) one-time resettlement allowance of Rs. 50000/- for each affected family. The value of perennial crops shall be determined by the concerned department as the standard process followed.	PAP is entitled to cash compensation for any improvements made on the land i.e. Irrigation, drainage, perennial crops, objects etc. at replacement cost, assistance in provision of lease to corresponding public owned property for an equivalent period of time (if applicable), and support after displacement for a transition period to restore livelihood.	The lease amount for the remaining period of the lease agreement shall be deducted from the compensation amount of land to be paid to the landowner and the same will be paid to the lessee.

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Subject	National Regulations	AIIB ESS 2	Gaps and measures to bridge gaps
	followed.		
Annual crops (owner or lessee)	The Act provides for assessing the value of the standing crops damaged during the process of land acquisition. The value of crops shall be determined by taking the services of experienced persons in the field of agriculture as may be considered necessary.	PAP is entitled to compensation for lost crops at full replacement cost, including all not harvested crops.	Both AIIB and Gol norms insist on entitled to compensation for lost crops at full replacement cost, including all not harvested crops.
(Tea) Plantations	The compensation of the damage is governed by the Electricity Act, 2003 and the Indian Telegraph Act, 1885. The compensation towards the damage are provided without the acquisition of land which are assessed/reviewed by the Revenue Authorities.	PAP is entitled to compensation at replacement cost for the tea plantation including the net value of the production lost during the period it takes to restore the productivity of the plantation, and any investments (seedlings, treatment of land etc.) and labour needed for growing plantation.	As per Gol norms compensation is paid as per assessment done by revenue department, which is the net value of production loss Including shade trees and tree bushes. AIIB guidelines suggest additional support with regards to seedlings, treatment of land and labour needs.
(Tea) Plantations not yet yielding (owner, lessee, informal owner)	The compensation of the damage is governed by the Electricity Act, 2003 and the Indian Telegraph Act, 1885. The compensation towards the damage are provided without the acquisition of land which are assessed/reviewed by the Revenue Authorities.	PAP is entitled to compensation at replacement cost for the plantation including the net value of the production lost during the period it takes to restore the plantation, and any investments (seedlings, treatment of land etc.) and labour needed for growing the plantation	As per Gol norms compensation is paid as per assessment done by revenue department. AIIB guidelines suggest additional support with regards to seedlings, treatment of land and labour needs.

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Subject	National Regulations	AIIB ESS 2	Gaps and measures to bridge gaps
Business property	The Act has provision for determining the market value of the building and other immovable property or assets attached to the land or building which are to be acquired. The services of a competent engineer or any other specialist in the relevant field shall be used for the same. The market value of the business property shall be estimated based on current year BSR without depreciation.	Option 1. Cash compensation at replacement cost, loss of income and moving allowance. Option 2. Alternative property with adequate tenure arrangements, full relocation cost, including the inventory, and the replacement cost for any investment, transitional allowance, appropriate level of support for skill upgrading training if necessary, to restore livelihood.	The route alignment for transmission lines are selected to avoid any damage to permanent structure or temporary structure. AEGCL will ensure the compensation against damage to any business property in case of damage as per law of land, which is in coherence with AIIB policy.
Loss of benefits and income for workers and employees	The Act does not cover workers and employees who will experience loss of income.	Targeted assistance and opportunities to restore, and where possible improve, income-earning capacity, production levels and standards of living.	AEGCL recognizes the existence of workers and employees whose livelihood will be disrupted due to the implementation of the proposed project. Workers and employees engaged with the business enterprise, industrial units, and others shall be identified and considered for rehabilitation and resettlement assistance including livelihood training at project cost.
Loss of civic infrastructure and community services.	The Act has the provision of Infrastructural Amenities. Infrastructural facilities and basic minimum amenities shall be provided at the cost of the Requisitioning Authority at the resettlement site/colony.	Assistance should be provided that will offset any loss of a civic infrastructure and community services. Identification of institutions tasked with setting up and maintaining specific public amenities and consult local communities on how to replace them. These provisions shall be specified in the RP.	The proposed project is not likely to have any large-scale involuntary resettlement leading to development of a new resettlement site/colony. However, common property resources are likely to be affected due to the implementation of the project. AEGCL will replace or reconstruct or provide an alternate common property resources affected in consultation with the local community at project cost.

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Subject	National Regulations	AIIB ESS 2	Gaps and measures to bridge gaps
Grievance mechanism and dispute resolution	The Act mandates the establishment of land acquisition, rehabilitation and resettlement authority for the purpose of providing speedy disposal of disputes relating to land acquisition, compensation, and rehabilitation and resettlement.	Accessible and appropriate grievance mechanism must be enabled for PAPs and local communities at the whole period of project implementation.	A multi-tier GRM (at sub-project and Project level) shall be constituted prior to the start of the project works to resolve as many grievances as possible using an understandable and transparent process that is gender-responsive, culturally appropriate, and readily accessible at no costs and without retribution.
Monitoring of resettlement implementation	The formulation, execution and monitoring of the Rehabilitation and Resettlement Schemes shall vest in the Administrator who will work as per directions and control of the Commissioner for Rehabilitation and Resettlement. Further, the Act provides for establishing National Monitoring Committee & State Monitoring Committee for reviewing and monitoring the implementation of rehabilitation and resettlement schemes or plans under this Act.	PIU is responsible for appropriate monitoring of the activities, which were defined in this RPF and RPs.	Project level internal monitoring of ARAP implementation will be carried out by PMU/PIU/ESC of AEGCL and PMC. Evaluation of ARAP implementation will be conducted by an external agency to be engaged by AEGCL.
Vulnerable groups	Act governing land acquisition (Second Schedule) provides additional assistance to SC and ST families displaced from Scheduled Areas only which is Rs. 50000/-. This one-time financial assistance is in addition to the rehabilitation and resettlement as per the second schedule.	According to the ESS2, special attention must be given to vulnerable groups. They are entitled to additional compensation, legal assistance during resettlement and help during physical relocation. As well, these PAPs are given a priority of employment.	AEGCL recognizes vulnerable groups. The ESMP Framework for the proposed project has been covered under the "Objectives of the resettlement planning framework". It includes STs residing in scheduled areas, physically handicapped HoH, disabled families, Women headed families, etc. Special assistance of Rs. 25,000/- shall be paid to vulnerable households.

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4. Project Impacts

4.1. General

According to the Electricity Act 2003 provides the utilities with powers under the Telegraph Act 1885 which in turn states that states that land for the lines (towers) will not be acquired. The utility will have the right of user only in the property under, over, along, across in or upon which the lines towers are placed.

However, the Act allows the utilities to from time to time, place and maintain transmission lines under, over, along, or across, and towers in or upon any immovable property. Further, the utility may at any time for the purpose of examining, repairing, altering or removing any transmission line or tower, enter on the property under, over, along, across, in or upon which the line or tower has been placed.

In addition, the MoEF provides guidelines for maintaining a Right of Way (RoW) corridor which shall be kept clear of any obstruction. The RoW corridor width depends upon the voltage of the line, a 220Kv transmission line will have to maintain a clear RoW corridor of 35 meters width.

Similarly, use of the land in the RoW corridor may also be restricted. In a similar manner, trees in the RoW corridor have to be cut or pruned to the extent required for preventing electrical hazards by maintaining the prescribed minimum clearances (from the lines).

The Permanent restricted use of land is required for the tower footing area. However, no land is acquired permanently for the tower foundations or Right-of-Way (RoW) corridor, and ownership of the land will remain with the respective landowners. Agricultural activities will be allowed to continue within the RoW corridor after construction; however, for the tower base area, it is recommended that agricultural activities not be carried out due to electrical safety considerations.

No physical displacement is foreseen in the project. Though, there are some social impacts due to construction of lines/placing of towers which are permanent/temporary in nature in terms of loss of standing crops/trees/structures in the RoW corridor. The check survey has been completed and approved for the LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. Landowner identification assessment has been completed for 8 tower footings locations including one tower on Government Land for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and 7 tower footings locations including two towers on encroached Government land for LILO of Samaguri (AEGCL-Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) transmission line is currently underway by the concerned administrative department and is expected to be completed by 31st of July, 2025. Once finalized and submitted to the PIU and EPC contractor, the compensation amounts will be disbursed to the respective affected landowners. Moreover, the identification and assessment of landowners within the Right of Way (RoW) corridor for both the LILO lines is currently in progress and is expected to be completed by September 2025.

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Permanent/Temporary Impacts Caused due to Tower footing area and Right of Way corridor

4.2.1 Impact on land under the Tower footing area

The impact of the transmission line tower base is limited to the four legs of the tower, with no transfer of land ownership. The total land area affected by the construction of the tower base is 0.176 hectares for Chhaygaon and 0.088 hectares for Nagaon 2 transmission line respectively. As per the guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2026-Trans-Part (4) dated 14.06.2-24) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024, the compensation process for 8 tower footings locations including one tower on Government land for the Chhaygaon Transmission Line and 7 tower footings locations including two towers on encroached Government land for Nagaon2 TL is currently under way by the concerned administrative department. Once finalized, the payments will be made to the affected landowners in according with prevailing laws and guidelines. The details are provided in below Table.

Table 16: Impact on Affected landowners for tower base/footing area of Chhaygaon TL

S. No.	Affected landowners	Total Land in hectares.	Permanent/ Temporary use of land for tower footing Area in hectares.	Occupation	Total Annual Income (Rs.)
1.	JL001	0.80	0.02	Business	2,20,000
2.	RA002	0.80	0.04	Govt. Service	5,50,000
3.	HB003	0.94	0.009	Farmer	1,60,000
4.	MA004	0.80	0.03	Business	1,60,000
5.	NM005	2.01	0.03	Business	12,00,000
6.	AA006	0.40	0.02	Farmer	1,40,000
7.	SA007	0.53	0.03	Business	3,50,000
8.	Govt. Land	NA	0.02	NA	NA

Table17: Impact on Affected landowners for tower base/footing area of Nagaon2 TL

S. No.	Affected landowners	Total Land in hectares.	Permanent/ Temporary use of land for tower footing Area in hectares.	Occupation	Total Annual Income (Rs.)
1.	NB001	2.40	0.012	Business	2,20,000
2.	LN002	0.53	0.012	Govt. Service	5,50,000
3.	AN003	0.53	0.010	Farmer	1,60,000

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4.	MB004	0.40	0.012	Business	1,60,000
5.	KB005 (Encroached Govt. Land)	0.40	0.011	Business	12,00,000
6.	PB005 (Encroached Govt. Land)	0.80	0.012	Farmer	1,40,000
7.	GS007	0.94	0.012	Business	3,50,000

4.2.2 Impact on land under Right of Way Corridor

The transmission line corridor will traverse areas with mixed land use, including agricultural land, private plantations, and government land. The land impact calculations are based on check surveys and investigations conducted along the proposed transmission lines routes, considering the total line length and the designated Right of Way (RoW) corridor.

For the LILO of the 220 kV Mirza-Boko-Azara (AEGCL-Existing) D/C Line at Chhaygaon, the total line length is 1.185 kilometers, which will affect approximately 4.1475 hectares of land across two villages within the transmission line corridor.

For the LILO of the Samaguri (AEGCL-Existing)-Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New), the line length is 1.560 kilometers, impacting around 5.46 hectares of land from one village within the Right of Way.

Table 18: Number of Affected landowners of ROW Corridor for Chhaygaon TL

Sl. No	Name & Address of affected Person	Village	Affected Land for ROW area (In Lessa)	Area in Hectares
1	SR 001	2 no. Jambari	74.7L	0.10
2	RJ002	2 no. Jambari	74.7L	0.10
3	FA003	2 no. Jambari	65.75L	0.09
4	NS004	2 no. Jambari	172.2L	0.23
5	PB005	2 no. Jambari	131.5L	0.17
6	AR006	2 no. Jambari	141.1	0.19
Total			659.95	0.88

Table 19: Number of Affected landowners of ROW Corridor for Nagaon2 TL

Sl. No	Name & Address of affected Person	Village	Affected Land for ROW area (In Lessa)	Area in Hectares
1.	BB001	Teliyagaon	814.77	1.09
2.	BCB002	Teliyagaon	635.37	0.85
3.	PS003	Teliyagaon	717.59	0.96
4.	HB004	Teliyagaon	994.17	1.33
5.	DD005	Teliyagaon	919.42	1.23
Total			4081.32	5.460

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4.2.3 Impact on land for Access Road

For the LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon, transmission line, temporary access roads for 5 tower foundation locations will be require out of 8 tower foundation sites, while the remaining 3 locations can be accessed via existing rural roads. Most of these tower foundation sites are located in paddy fields i.e Agricultural land and other are barren land. In total, approximately 0.063 hectares of land will be temporarily affected by the construction of access roads, primarily impacting paddy crops (refer to **Table-20** for detailed information).

For the LILO of the 220kV Samaguri (AEGCL - Existing) – Sarusajai (AEGCL - Existing) D/C Line at Nagaon-2 (AEGCL - New), temporary access roads will be required to reach seven tower foundation locations. These access routes will temporarily impact land belonging to eight affected landowners, including three cases of encroachment on Government land. Most of the tower sites are located in paddy fields, and the construction activities are expected to temporarily affect approximately 0.52 hectares of land, primarily impacting paddy cultivation (refer to **Table -21** for detailed information).

Table:20: Name of the affected person of Access Road to the tower Locations for 8 Locations of the LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon

Sl. No.	Tower loc No	Name of the Affected Person	Affected area (sq. mt)	Type of Crops Damaged	Rate of Crops per Bigha	Rate of Crops sq.mtr.	Zirat Compensation Amount for Tower Footing Area (Rs.)
1	1/0	JL001	104.21	Paddy	14722	11	1146/-
2	3/0	NS002	120.33	Paddy	14722	11	1324/-
3	4/0	PB003	168.22	Paddy	14722	11	1850/-
4	5/0	AR004	145.11	Paddy	14722	11	1596/-
5	6/0	SA005	95.66	Paddy	14722	11	1052/-
Total							6968/-

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Table:21: Name of the affected person of Access Road for 7 Location of the LILO of Samaguri (AEGCL- Existing) –Sarujajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line.

Sl. No	Tower loc No	Name of Affected Person	Affected area (sq. mt)	Type of Crops Damaged	Rate of Crops per Bigha	Rate of Crops sqr mtr	Zirat Compensation Amount for Tower Footing Area (Rs.)
1	AP-1	PB001	1500	Paddy	14722	11	3000.00
2	AP-2	NB002	159	Paddy	14722	11	1749.00
3	AP-3	LB003	324	Paddy	14722	11	3564.00
4	AP-4	AB004	714	Paddy	14722	11	7856.00
5	AP-5	Govt. Land encroached by KB005	1400	Paddy	14722	11	15400.00
6	AP-6	Govt. Land encroached by PB006	804	Paddy	14722	11	8844.00
7	AP-7	Govt. Land encroached by GS007	141	Paddy	14722	11	1551.00
		PS008	188	Paddy	14722	11	2086.00
Total							44,050.00

4.2.4 Impact on Crops

Following the final assessment, the impact of the transmission line tower base is confined to the area covered by the four legs of each tower. The total land area affected by tower base construction is approximately 0.176 hectares for the Chhaygaon transmission line and 0.088 hectares for the Nagaon-2 transmission line. This impact primarily results in crop damage, particularly to paddy cultivation.

The Right of Way (RoW) corridor required for the LILO of the 220 kV Mirza-Boko-Azara (AEGCL-Existing) double-circuit line at Chhaygaon is 35 meters wide—17.5 meters on each side of the transmission alignment. Based on a corridor length of 1,185 meters, the total area affected is approximately 4.1475 hectares. Crop damage, especially to paddy fields, is anticipated within this area.

Similarly, the RoW corridor for the LILO of the 220 kV Samaguri (AEGCL-Existing) – Sarujajai (AEGCL-Existing) double-circuit line at Nagaon-2 (AEGCL-New) also measures 35 meters in width. Given the same corridor length of 1,185 meters, the total affected area is estimated at around 5.46 hectares, where damage to paddy cultivation is also expected.

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The Rate of Crops per Bigha is received from District Agriculture office of Kamrup Rural and Nagaon District and appended in **Appendix: -14**.

Table 22: Crop damage Compensation for Tower Footing Area for Chhaygaon Transmission Line

Sl. No.	Tower loc No	Affected area (sq. mt)	Owner details	Type of Crops Damaged	Rate of Crops per Bigha	Rate of Crops sq.mtr.	Zirat Compensation Amount for Tower Footing Area (Rs.)
1	1/0	329.09	JL001	Paddy	14722	11	3620/-
2	2/0	387.82	RA002	Paddy	14722	11	4265/-
3	3/0	89.23	HB003	Paddy	14722	11	981/-
4	4/0	290.03	MA004	Paddy	14722	11	3190/-
5	5/0	290.03	NM005	Paddy	14722	11	3190/-
6	6/0	222.20	AA006	Paddy	14722	11	2445/-
7	7/0	290.03	SA007	Paddy	14722	11	3190/-
8	8/0	200.00	Govt Land	Nil	Nil	Nil	Nil
Total							20,881/-

Table 23: Crop damage Compensation for Tower Footing Area for Nagaon-2 Transmission Line

Sl. No.	Tower loc No	Affected area (sq. mt)	Owner details	Type of Crops Damaged	Rate of Crops per Bigha	Rate of Crops sq.mtr.	Zirat Compensation Amount for Tower Footing Area (Rs.)
1	1/0	128.83	NB001	Paddy	14722	11	1417/-
2	2/0	128.83	LB002	Paddy	14722	11	1417/-
3	3/0	106.75	AN003	Paddy	14722	11	1174/-
4	4/0	128.83	MB004	Paddy	14722	11	1417/-
5	5/0	115.85	KB005	Paddy	14722	11	1274/-
6	6/0	128.83	PB006	Paddy	14722	11	1417/-
7	7/0	128.83	GS007	Paddy	14722	11	1417/-
Total							9533/-

4.2.5 Impact on trees

It has been confirmed that no trees are present at the designated tower footing locations. As per the check survey report, no tree felling is required within the Right of Way (RoW) corridor for either of the LILO lines. However, if any newly grown or existing trees are found to infringe upon the corridor during execution, they will be assessed separately. Compensation for any resulting damages or losses will be provided to the affected landowners in accordance with the provisions of the Entitlement Matrix and as outlined in the ARAP.

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4.2.6 Impact on each affected landowner.

No land is acquired for tower foundation and Right of Way and ownership of land will be remains with the owner. However, compensation for restricted use of land, tree and crop damages will be paid to the individual landowners as per compensation procedures laid in new guideline of Ministry of Power, Govt. of India & Government of Assam Power Department Dispur, Guwahati-6 and per ARAP.

Out of the 8 tower footing locations in LILO line of Chhaygaon, 7 will affect private landowners, while 1 tower footing is located on government land (**Table -24**).

Moreover, a total of 7 tower footing locations will impact landowners under the LILO of the Nagaon-2 transmission line. Among these, two tower footings are located on encroached government land (**Table 25**)

As per the entitlement matrix, towers situated on government land are eligible only for compensation related to crop damage. Compensation for restrictions on land use due to tower footing in such areas is not applicable. However, the District Commissioner will serve as the final authority for determining the compensation in these cases.

Table 24: Number of Affected landowners for Chhaygaon TL

Sl. No	Name & Address of affected Person	Village	Affected Land for tower base area (In Lessa)	Area in Hectares
1.	JL001	Paneri	24.6	0.02
2.	RA002	2 no. Jambari	28.99	0.04
3.	HB003	2 no. Jambari	6.67	0.009
4.	MA004	2 no. Jambari	21.68	0.03
5.	NM005	2 no. Jambari	21.68	0.03
6.	AA006	2 no. Jambari	16.61	0.02
7.	SA007	2 no. Jambari	21.68	0.03
Total			141.91	0.179

Table 25: Number of Affected landowners for Nagaon2 TL

Sl. No	Name & Address of affected Person	Village	Affected Land for tower base area (In Lessa)	Area in Hectares
8.	NB001	Teliyagaon	9.63	0.012
9.	LNB002	Teliyagaon	9.63	0.012
10.	ANB003	Teliyagaon	7.98	0.010
11.	MB004	Teliyagaon	9.63	0.012
12.	KB005	Teliyagaon	8.66	0.011
13.	PB005	Teliyagaon	9.63	0.012
14.	GS007	Teliyagaon	9.63	0.012
Total			64.79	0.081

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4.2.7 Summary of Impacts

Based on the check survey and landowner identification assessment report, permanent/temporary impacts on tower footing, loss of crops, trees, other structures and number of Affected landowners are summarized below in **Table 26 & 27**.

Table 26: Summary of Impacts for Chhaygaon Transmission Line

Particulars	Details
LILO of the 220 kV Mirza-Boko-Azara (AEGCL-Existing) D/C Line at Chhaygaon transmission line.	1.185 Kms (for entire Transmission Line)
Number of Towers	8 Nos.
Total Area under RoW corridor (hectares)	4.1475 hectares
Total Area under Tower footing	0.194 hectares for 8 tower footing area.
Total Project affected landowners for tower location	8 nos. (including 1 no. in Govt. land).
Affected Structures (Small Sheds for agricultural purpose)	After the final assessment of 8 nos. location, it was found that there are no small sheds in the tower footing areas.
Area of Temporary Damages for crop compensation (In hectares)	The District Agriculture Office has provided the approved crop compensation rates applicable to the tower base/footing areas and access roads. Based on these established rates, compensation for crop losses will be calculated and disbursed to the affected landowners in a timely manner.
Trees including fruit and not fruit bearing in ROW corridor and Tower footing location	In the ROW corridor for the LILO line does not have any kind of tree plantations and hence tree felling will not be involved for these lines. However, if any newly grown or other trees are found to infringe upon the corridor during execution, these will be assessed separately. Compensation for any damages or losses will be provided to the affected landowners in accordance with the provisions outlined in the Entitlement Matrix.

Source: Check Survey and Landowner identification report

Table 27: Summary of Impacts for Nagaon2 Transmission Line

Particulars	Details
LILO of Samaguri (AEGCL- Existing) –Sarujajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) Transmission line.	1.185 Kms (for entire Transmission Line)
Number of Towers	7 Nos.
Total Area under RoW corridor (hectares)	5.460 hectares
Total Area under Tower footing	0.081 hectares for 7 tower footing area.

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Total Project affected landowners for tower footing location.	7 nos. (including 2 nos. of encroacher in Govt. land).
Affected Structures (Small Sheds for agricultural purpose)	After the final assessment of 7 nos. location, it was found that there are no small sheds in the tower footing areas.
Area of Temporary Damages for crop compensation (In hectares)	The District Agriculture Office has provided the approved crop compensation rates applicable to the tower base/footing areas and access roads. Based on these established rates, compensation for crop losses will be calculated and disbursed to the affected landowners in a timely manner.
Trees including fruit and not fruit bearing in ROW corridor and Tower footing location	In the ROW corridor for the LILO line does not have any kind of tree plantations and hence tree felling will not be involved for these lines. However, if any newly grown or other trees are found to infringe upon the corridor during execution, these will be assessed separately. Compensation for any damages or losses will be provided to the affected landowners in accordance with the provisions outlined in the Entitlement Matrix.

Source: Check Survey and Landowner identification report

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5. Entitlement, Assistance and Benefits

5.1 Provisions in the RPF/ ESMPPF

Impacts due to restricted/temporary use of land

Most of the impacts are temporary in nature in terms of loss of standing crops/trees and other damages for which compensation will be paid to the affected persons/ community for all damages including cost of land for tower base and RoW corridor to its owner without acquiring it as per the Ministry of Power (MoP) guidelines, and Assam has already adopted MoP guidelines for land compensation vide notification dated 10.03.2017 and new guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024.

Valuation Methodology for Structures, Trees, and Crops for both the Transmission Lines

The valuation of affected assets—such as structures, trees, and crops—within the transmission line corridor, including tower base locations and the Right of Way (RoW), will be conducted in accordance with applicable government norms, project-specific guidelines, and the Entitlement Matrix outlined in the Abbreviated Resettlement Action Plan (ARAP). The following approach will be adopted:

1. Structures:

- Valuation of affected residential, commercial, or ancillary structures (e.g., sheds, boundary walls) will be carried out by the concerned department (e.g., Public Works Department or local authority).
- Assessment will consider the type of construction (temporary, semi-permanent, permanent), materials used, age of the structure, and current market rates.

2. Trees:

- Enumeration of affected trees will be done jointly by the Forest Department and/or Revenue Department during final alignment marking.
- Compensation will be based on species, age, girth, and productivity (for fruit-bearing and not fruit bearing trees), in line with rates provided by the Forest or Horticulture Department.

3. Crops:

- Standing crops within the tower base or RoW corridor will be assessed during execution by the Agriculture Department or revenue officials.
- Compensation will be based on the latest prevailing market rates for the type and maturity of the crop at the time of damage.

4. Verification and Documentation:

- Project Affected landowners will be informed prior to assessment.
- Valuation records will be documented with signatures from affected persons, village heads, and the assessing officials.
- Final compensation amounts will be disbursed prior to construction, as per the Entitlement Matrix/Government norms and ARAP.

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5.2 Entitlement Matrix

Project Affected Landowners will be entitled as per Entitlement Matrix of ESMPF, AISTSEP, Phase-I for the Transmission line is given in Table 22: below

Table 28: Entitlement Matrix

COMPREHENSIVE ENTITLEMENT MATRIX				
S. No.	Type of Loss	Application	Definition of entitled persons	Entitlement
1.	Loss of private land	Agricultural land, vacant plot, of homestead land	Legal titleholders/ APs with customary land right/APs with Permit from local authority	<ul style="list-style-type: none"> • Compensation at replacement value or land for land where feasible. Determination of compensation will be as follows: <ol style="list-style-type: none"> <u>1. Market value of the land</u> -as specified in the Indian Stamp Act, 1899 Or -the average of the sale price for similar type of land situated in the village or vicinity, Or -consented amount of compensation as agreed in case of acquisition of lands for private companies or for public private partnership project. <i>whichever is higher</i> Market value x Multiplier as applicable: <ul style="list-style-type: none"> • In case of rural areas (other than Scheduled Areas) within 10 km radial distance from urban areas, a multiplication factor of 1.5 will be applied • In case of rural areas beyond 10 kms of urban areas, a multiplication factor of 2 will be applied • In case of urban areas, a multiplication factor of 1.00 will be applied <u>2. Value of the assets attached to land:</u> Building/Trees/Wells/Crop etc. as valued by relevant govt. authority; <i>Land compensation = 1+2</i> <u>3. Solatium: 100% of total land compensation</u>

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				<p>Total Compensation= 1+2+3</p> <ul style="list-style-type: none"> One-time Resettlement allowance of Rs. 50,000 per affected family One-time assistance option from: (i) Job for at least one member of the displaced family¹⁰ in project which has created impact or in similar such other project; or (ii) One-time payment of INR 5,00,000 per displaced family. All displaced families will receive (i) monthly Subsistence allowance of Rs. 3,000 for one year from the date of award, and (ii) SC/ST households will receive additional onetime payment of INR 50,000/- 60 days advance notice to harvest standing seasonal crops prior to damage. If notice cannot be given, compensation for share of crops will be provided. Additional compensation for vulnerable households. Exemption from fees and taxes related to compensation (registration, stamp fees, etc.)
			Tenants and leaseholders (whether having written tenancy/lease documents or not)/share croppers	<ul style="list-style-type: none"> Compensation for rental deposit or unexpired lease. Share of the crop loss between owners and sharecroppers/tenants/lease holders as per the agreement (50% of crop) All displaced families will receive (i) monthly subsistence allowance of Rs. 3,000 for one year from the date of award, and (ii) SC/ST households will receive additional onetime payment of Rs. 50,000. 60 days advance notice to harvest standing seasonal crops prior to damage. If notice cannot be given, compensation for share of crops will be provided. Additional compensation for vulnerable households. Exemption from fees and taxes related to compensation.
2.	Loss of Government land	Vacant plot, Agricultural land and homestead	Leaseholders	<ul style="list-style-type: none"> Reimbursement of unexpired lease. All displaced families will receive (i) monthly subsistence allowance of Rs. 3,000 for one year from the date of award, and (ii) SC/ST households will receive additional onetime payment of Rs. 50,000. 60 days advance notice to harvest standing

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				<p>seasonal crops prior to damage. If notice cannot be given, compensation for share of crops will be provided.</p> <ul style="list-style-type: none"> • Additional compensation for vulnerable households. • Exemption from fees and taxes related to compensation
			Squatters	<ul style="list-style-type: none"> • 60 days advance notice to shift from occupied land. • 60 days advance notice to harvest standing seasonal crops prior to damage. If notice cannot be given, compensation for share of crops will be provided. • All displaced families will receive (i) monthly subsistence allowance of Rs. 3,000 for one year from the date of award, and (ii) SC/ST households will receive additional onetime payment of Rs. 50,000. • Additional compensation for vulnerable households.
			Encroachers	<ul style="list-style-type: none"> • 60 days advance notice to shift from encroached land. • Notice to harvest standing seasonal crops. If notice cannot be given, compensation for share of crops will be provided. • Additional compensation for vulnerable households.
			Legal Titleholders	<ul style="list-style-type: none"> • Replacement value of the structure and other assets (or part of the structure and other assets, if remainder is viable). Compensation will be at replacement value excluding depreciation (part of land compensation in S. No. 1 of the entitlement matrix) • If house lost in rural areas, constructed house as per Indira Awas Yojana specifications. If in urban area, house of minimum 50 sq. m. plinth area. This benefit should be extended irrespective of title if the affected family is residing in affected area for continuously at least for three years prior to issue of notification. In either case the equivalent cost of the house may also be provided in lieu of the house as per the preference of the PAP. • One-time Resettlement allowance of Rs. 50,000 per affected household • Subsistence/grant allowance for displaced families of Rs 3000 per month for 12 months

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				<ul style="list-style-type: none"> All physically displaced families will receive both: (i) One time Shifting assistance of Rs. 50,000 towards transport costs etc.; and (ii) monthly Subsistence allowance of Rs. 3,000 for one year from the date of award, and (iii) SC/ST households will receive additional onetime payment of Rs. 50,000. <p>Each affected family having cattle shed shall get one- time financial assistance of such amount as the appropriate Government may, by notification, specify subject to a minimum of Rs. 25,000 for construction of cattle shed</p> <ul style="list-style-type: none"> Right to salvage materials from structure and other assets with no deductions from replacement value. Additional compensation for vulnerable households. Exemption from fees and taxes related to compensation
			Tenants and Leaseholders	<ul style="list-style-type: none"> Replacement value of the structure and other assets (or part of the structure and other assets, if remainder is viable). Compensation will be at replacement value excluding depreciation Compensation for rental deposit or unexpired lease. Right to salvage materials (of the portion constructed by tenants or leaseholders) from structure and other assets One-time Resettlement allowance of Rs. 50,000 per affected family All displaced families will receive both: (i) One time Shifting assistance of Rs. 50,000 towards transport costs etc.; and (ii) monthly Subsistence allowance of Rs. 3,000 for one year from the date of award, (iii) SC/ST households will receive additional onetime payment of Rs. 50,000 <p>Each affected family having cattle shed shall get one- time financial assistance of such amount as the appropriate Government may, by notification, specify subject to a minimum of Rs. 25,000 for construction of cattle shed</p> <ul style="list-style-type: none"> Right to salvage materials from structure and other assets with no deductions from replacement value. Additional compensation for vulnerable households. Exemption from fees and taxes related

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				to compensation.
			Squatters	<ul style="list-style-type: none"> ● Replacement value of the structure and other assets (or part of the structure and other assets, if remainder is viable). Compensation will be at replacement value excluding depreciation ● Right to salvage materials from structure and other assets ● One-time Resettlement allowance of Rs. 50,000 per affected family ● All displaced families will receive both: (i) One time Shifting assistance of Rs. 50,000 towards transport costs etc.; and (ii) monthly Subsistence allowance of Rs. 3,000 for one year from the date of award. SC/ST households will receive additional onetime payment of Rs. 50,000 ● Each affected family having cattle shed shall get one- time financial assistance of such amount as the appropriate Government may, by notification, specify subject to a minimum of Rs. 25,000 for construction of cattle shed ● Right to salvage materials from structure and other assets ● Additional compensation for vulnerable households.
			Encroachers	<ul style="list-style-type: none"> ● 60 days advance notice to shift from encroached structure. ● Right to salvage materials from structure and other assets ● Additional compensation for vulnerable households.
4.	Loss of commercial structure	Commercial structure	Legal titleholders	<ul style="list-style-type: none"> ● Reconstruction cost (without depreciation) for lost frontage/structure; affected person shall be allowed to take salvaged material from the demolished structure at no costs. ● Each affected family having petty shop shall get one- time financial assistance of such amount as the appropriate Government may, by notification, specify subject to a minimum of Rs. 25,000 for construction of petty shop ● Right to salvage materials from structure and other assets with no deductions from replacement value. ● Additional compensation for vulnerable households. ● Exemption from fees and taxes related to

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				compensation
			Tenants and leaseholders	<ul style="list-style-type: none"> ● Replacement cost of part/whole of structure constructed by the tenant/leaseholder, and this will be deducted from the compensation amount of the total structure. Compensation will be at replacement value excluding depreciation. ● Compensation for rental deposit or unexpired lease. ● One-time Resettlement allowance of Rs. 50,000 per affected family
				<ul style="list-style-type: none"> ● Each affected family having petty shop shall get one- time financial assistance of such amount as the appropriate Government may, by notification, specify subject to a minimum of Rs. 25,000 for construction of petty shop ● Right to salvage materials from structure and other assets with no deductions from replacement value. ● Additional compensation for vulnerable households. ● Exemption from fees and taxes related to compensation
			Squatters	<ul style="list-style-type: none"> ● Replacement cost of structure constructed by the squatter. Compensation will be at replacement value excluding depreciation ● One-time Resettlement allowance of Rs. 50,000 per affected family ● Each affected family having petty shop shall get one- time financial assistance of such amount as the appropriate Government may, by notification, specify subject to a minimum of Rs. 25,000 for construction of petty shop ● Right to salvage materials from structure and other assets. ● Additional compensation for vulnerable households.
			Encroachers	<ul style="list-style-type: none"> ● 60 days advance notice to shift from encroached structure. ● Right to salvage materials from structure and other assets ● Additional compensation for vulnerable households.

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5.	Loss of livelihood	Livelihood	Legal titleholder/tenant/leasehold/non-titled/employee of commercial structure, farmer/agricultural worker/artisan/ small trader/self employed	<ul style="list-style-type: none"> One-time financial assistance of minimum Rs. 25,000 or as decided by the appropriate government, whichever is higher. Income restoration and training to eligible APs Additional compensation for vulnerable households. Consideration for project employment.
6.	Loss of trees and crops	Standing trees and crops	Legal titleholder/tenant/leaseholder/sharecropper/non-titled AP	<ul style="list-style-type: none"> 60 days advance notice to harvest standing seasonal crops prior to damage, fruits, and timber. Compensation to actual cultivator at market rate for crops and 8 years income for fruit bearing trees*. Compensation for trees based on timber value at market price. All timber* will be allowed to retain by the owner.
7.	Impacts on vulnerable APs	All impacts	Vulnerable ⁴³ APs	<ul style="list-style-type: none"> One-time lump sum assistance of Rs. 25,000 to vulnerable households. This will be paid above and over the other assistance. Vulnerable APs will receive preferential income restoration training program under the Project. Consideration for project employment.
8.	Temporary loss of land	Land temporarily required for sub- project construction (below tower base and in the RoW corridor)	Legal titleholders	<p>**New guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024.</p> <ul style="list-style-type: none"> Compensation Structure: Tower Base Compensation: 200% of land value for the area enclosed by the four legs of the tower at ground level, plus a one-meter extension on each side. RoW Corridor Compensation: 30% of land value for land within the RoW corridor, as per Schedule VII of the Central Electricity Authority.
			Non-titleholder APs	<ul style="list-style-type: none"> 60 days' notice to harvest standing crops If notice cannot be given the, compensation to actual cultivator at market rate for crops and 8 years income for fruit bearing trees*. Restoration of land to previous or better quality Compensation for actual damages (as assessed by concerned authority)

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9.	Loss of common resource s	Common resource s	Communities	<ul style="list-style-type: none"> Replacement or restoration of the affected community facilities – including public water stand posts, public utility posts, temples, shrines, etc. All community facility and utility replacement are compensated and also re-built following the principles of this RPF.
10.	Other damages (if applicable)	-	All APs	<ul style="list-style-type: none"> Unanticipated involuntary impacts will be documented and mitigated based on the principles of the Resettlement Framework. Actual cost as assessed by the concerned authority.

** The AEGCL PMU has advised PIU officials of AEGCL to coordinate with the concerned district administration for calculating compensation to affected landowners for the transmission line corridor (RoW) corridor and tower footing, as per the latest Notification issued by the Government of Assam, Power Department, Dispur, Guwahati-06, dated 04-11-2024. However, the district administration remains the sole authority for determining the compensation amount.

5.3 Procedure of for payment of compensation

The following steps would be taken for payment of compensation for the transmission line.

Table 29: Steps wise Procedure for payment of compensation

Sl. No.	Procedure for payment of compensation
1.	Apply NOC for ROW corridor as per standard format.
2.	Grant of NOC
3.	Issue notice in State Gazette/local newspaper as per standard format.
4.	Detail survey
5.	Check Survey
6.	Assessment, jointly with concerned district administration, of properties likely to be affected and preparation of estimates as per standard formats and verify the same.
7.	Finalization of tower design/ tower structure/ tower foundation/ tower testing.
8.	Assisting district administration in preparation of valuation report based on Govt. approved rates.
9.	Working out compensation amount to be paid to the individual beneficiaries
10.	Completion of the Assessment report/estimate and countersignature by Circle Officer and verify the same by concerned officials of AEGCL.
11.	Preparation of Provisional Notice as per format, countersigned by Circle Officer and acknowledgement from beneficiaries.
12.	Preparation of Compensation Receipt as per format and countersignature by Circle Officer
13.	Serving the provisional notice to individual beneficiaries and obtaining their acknowledgement.
14.	Documents collection from affected person.
15.	Submission of proposal to HQ for requisition of fund along with all approved documents
16.	Re-Checking of all documents and Payment to individual beneficiaries and acknowledgment to be obtained on each receipt.
17.	Disbursement of compensation directly from AEGCL.

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Source: AEGCL T/L Manual

The following process will be complied:

- Transmission Line passing through private lands, the clearance shall be obtained by EPC contractor in liaising with concern revenue department and other line departments for determining the Land compensation and zirat value.
- The Land compensation amount will be paid directly by AEGCL to project affected person as per the assessment of the district administration.
- Moreover, the zirat compensation will be paid by EPC contractor for which the reimbursement of the same shall be made by the AEGCL.
- The documents required to be obtained from the landowners for disbursement of Compensation for tower footing, RoW corridor and zirat compensation, etc. shall be Aadhaar card/Voter ID/or other valid identity card, Bank details as per UID, Jamabandi copy/ Khajana receipt, next to kin certificate (where required), NOC for land use, etc.
- Further, PIU to communicate to all stockholders/departments for providing various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.

EPC to obtain all statutory clearance if any required, such as Railway crossing, NHA etc & any clearance require from Power Grid etc.

Table 30: Summary of Land Requirement for Project LILO of 220 kV Mirza – Boko – Azara (AEGCL- Existing) D/C Line at Chhaygaon and LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL- Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line.

Project Sub Component	Affected Village	Total Land (ha)	Approx. Number of Project Affected Families
LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon			
Base are for Tower footing	Paneri and 2 no. Jambari.	0.058	Landowner identification for Tower base area is completed.
Transmission line RoW (Corridor Width of 35m)	Paneri and 2 no. Jambari.	4.1475	Landowner identification for RoW corridor is under process
LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)			
Base area for Tower footing	Telia Gaon	0.05	Landowner identification for Tower base area is completed.
Transmission line RoW (Corridor Width of 35m)	Telia Gaon	5.460	Landowner identification for RoW corridor is under process

Source: landowner identification report

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6. Information Disclosure, Consultation & Participation

6.1 Stakeholder & Public Consultation and Information Disclosure

Carry out meaningful consultation with Project-affected people and other stakeholders and facilitate their informed participation in the consultations. Meaningful consultation is an interactive process to provide information and facilitate informed decision-making that: (a) begins early in the preparation stage of the Project to provide accurate information on the proposed Project, minimize misinformation and unsupported expectations, and obtain initial views on the Project;

(b) Is carried out on an ongoing basis throughout the implementation and life cycle of the Project;

(c) Is designed so that all relevant parties have a voice in consultation, including national and subnational governments, the private sector, nongovernmental organizations and people affected by the Project, including, as applicable, Indigenous Peoples;

(d) Provides additional support as needed so that women, elderly, young, disabled, minorities and other vulnerable groups participate;

(e) provides timely disclosure of relevant and adequate information, including availability of the Project's GRMs and of the PPM or other Bank-approved IAM, which is understandable and readily accessible to the people affected by the Project and other relevant stakeholders; (f) is undertaken in an atmosphere free of intimidation or coercion; (g) is gender sensitive, inclusive, accessible, responsive and tailored to the needs of vulnerable groups; and (h) enables the consideration of relevant views of people affected by the Project and other concerned stakeholders in decision-making. Continue consultation with Project-affected people throughout Project implementation as necessary on issues related to environment.

6.2 Public Consultation

The community consultations are carried out in all the villages along the transmission line corridor with local habitants where forty-nine (49) participants participated. The participants include economically weak communities, women, vulnerable groups and other local community leaders nearby the proposed transmission lines on 10th February 2025, 21th March 2025, 11th April 2025 and 19th April 2025 at LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon S/s and 2nd March 2025, 7th March 2025 and 5th April 2025 at LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) S/s. The detailed findings are elaborated in the "Socio-Economic Survey of the Affected Landowners" section.

The transcript of these discussions will help AEGCL and EPC contractor for proper needs assessment to ensure the issues raised by people are addressed appropriately. Consultation will be carried out on an on-going basis throughout the sub-project cycle.

Community welcomed the construction of proposed Transmission Lines. Most of the project

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affected landowners asked about the payment procedure of tower footing area, access road for tower foundation and ROW corridor. Further, the PAF has shown their interest on unskilled works on temporary basis when the civil works are initiated.

Local people are waiting eagerly for the implementation to start, so they could receive their compensation amount and hoped for some employment generation.

Attendance sheet of consultation with public and sample photographs along with NOC distribution photographs and sample copy of NOC to landowners are provided in **Appendix -1, 2, 6 & 9**. The No Objection Certificate (NOC) has been obtained from the affected landowners indicated that compensation would be provided prior to the commencement of transmission tower construction work.

To address this issue, a public consultation was held on 26th and 28th May, 2025 with affected landowners (8 tower footing location in Chhaygaon and 7 tower locations in Nagaon2 transmission lines) to discuss matters related to compensation for tower base areas and to obtain their consent for initiating tower foundation works. The minutes of this meeting, along with the obtained consents, are appended as **Appendix 11**.

Awareness on the Grievance Redress Mechanism (GRM) also has been conducted, and a copy of the flyers distributed to the Project Affected Persons (PAPs) LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon Transmission Line and LILO of Samaguri (AEGCL-Existing) –Sarujajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line tower footing areas, sample photographs are appended in **Appendix 4**.

Keeping in mind the nature of the project and its setting, the key stakeholders' groups have been identified and listed in the table given below.

Table 31: Stakeholder Group Categorization

Category	Primary Stakeholder	Secondary Stakeholder
Community	<ul style="list-style-type: none"> Project Affected Families/Land Owners of the transmission line Local Community like Women's self-help groups (SHGs) active in villages. Vulnerable group including female headed households/ Indigenous Peoples/People below poverty line/Handicapped/Youth/Orphans/Landless laborers, etc, 	<ul style="list-style-type: none"> Opinion holders & Community Leaders
Government Bodies/ Institutional Stakeholders	<ul style="list-style-type: none"> Local Gaon Panchayats Regulatory Authority like Circle Office/Agriculture/Horticulture /Forest deptts etc. District Administration i.e. Deputy 	<ul style="list-style-type: none"> State Administration

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	Commissioner	
Other Groups	<ul style="list-style-type: none"> • Contractors and sub-contractors • Labours/ Workers • Civil Society Organization • Non-Government Organizations 	<ul style="list-style-type: none"> • Contractors and Labours.

The Focus Group Discussions with women’s groups, including Self-Help Groups in the villages of the affected area, were conducted on 30th June 2025. Sample photographs are provided below for reference, and the attendance sheet is included in **Appendix-15**.



Table 32: Summary of Public Consultation

Issues Discussed	People’s views and perceptions
General Perception	Majority communities (including women) were aware of the construction of proposed LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. Some have heard it but not sure about the details of the proposed Transmission lines work. All the people were positive and supportive towards the construction of both the proposed Transmission Lines.
Support of local people for the construction of Transmission lines to Chhaygaon and Nagaon2 GIS S/s.	Most of the communities expressed their support during implementation of the construction of proposed Transmission lines to Chhaygaon and Nagaon2 GIS S/s. They are happy for contribution of Government of India’s effort towards construction of proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation. Most

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Issues Discussed	People's views and perceptions
	of the communities expressed that there should be no adverse impact due to the construction of proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation.
Critical issue and concern by the local people for the proposed Transmission Lines to Chhaygaon and Nagaon2 GIS substation locations.	Most of the communities expressed that there were no critical issues regarding the construction of proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation.
Project site selection criteria (Proposed Transmission lines)	The community held the view that the project should avoid/minimize harm to vegetation's and places of community importance such as structure/CPR or community gathering places etc. Some of them suggested that necessary precautions must be taken to ensure safety of people during construction of proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation.
Employment potential in the construction of proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation.	The community felt that, during construction/operation of the proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation there may opportunities to local unemployed people for self-supporting business activity like establishment of small hotel/tea stall/ grocery shop etc. Some of them requested that they should be involved not only in unskilled labour job but also in the supervisory work. They complained that the construction work is generally handed over to contractors who would bring their own labour force from outside. Some others felt that construction of Transmission lines under the project will ensure proper and better power connection/ households' electricity as a result small and medium scale business can be started in the area.
Socio economic standing: land use, cropping pattern	The major sources of livelihood for the communities are agriculture, wage labour and small business. Most of the communities practiced one time cropping in a year, mainly paddy and vegetable cultivation.
Source of drinking water	The main sources of drinking water are hand pump and tube well. The other sources of drinking water are ring well. Few people complained about the taste of the drinking water due to iron content in the water and thus they are using simple sand filter for portable use of water. Moreover, the availability of water is good as the water table remained high except in winter season.
Negative impact on food grain, availability /land use	In general, the communities did not see any adverse impact on food/grain availability, as the constructions of proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation will be within the

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Issues Discussed	People's views and perceptions
	RoW of 35 mts for 220 kV TL. The compensation for using the land in tower footing and RoW corridor will be paid by AEGCL to private land owners.
Will project cause widespread imbalance by cutting fruit and commercial trees in the locality	The trees falling under the RoW corridor of the Transmission lines will either cut or trim in the proposed Transmission lines to Chhaygaon and Nagaon2 GIS S/S, the communities will be paid for the same as per government approved rate.
Will project cause health and safety issues	Most of the communities did not foresee any health or safety issues from the construction of proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation. Some of them suggested that necessary precautions must be taken to ensure safety of people during construction of proposed Transmission lines to Chhaygaon and Nagaon2 GIS substation.
Protected areas	No protected area envisaged in the vicinity of the proposed Transmission lines.
Will project setting change migration pattern of animals	The communities consulted were conscious of the presence of migrant birds or animals in their localities and nearby proposed Transmission lines. They therefore anticipated that no any major impacts on animals, birds or their habitats from the construction of proposed Transmission to Chhaygaon and Nagaon2 GIS substation.
Migration pattern	Majority of the communities reported outward migration of young generation especially the boys to big cities in search of work. The popular destinations of migration were Guwahati, Nagaon, Sonitpur for job as well as for factory jobs. There are very few cases of migration to capital cities of north eastern states in search of work.
Perceived benefits from project	Majority of them viewed that the construction of proposed Transmission line to Chhaygaon and Nagaon2 GIS substation would contribute to minimize the prevailing energy crisis such as load shedding, and low voltage in the region. The people hoped that project will address the problems of low voltage, and irregular power supply to the households. For some it will increase the rate of rural electrification and provide impetus to open small and medium business units in the area.
Perceived loss	Permanent restrictions on land use including loss of crops, trees and structure, and same can be compensated by AEGCL.

6.3 Continuous Consultation and Participation

AEGCL with PMC will carry out meaningful consultation as per requirement (Monthly

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consultation with local people nearby the Transmission lines passing through different villages by PMU, PIU and PMC along with EPC Contractor) with project affected landowners and other concerned stakeholders, including civil society and facilitate their informed participation. Consultation process undertaken under the directions of the PMU (i) will begin in the sub-project preparation stage and will be carried out on an on-going basis throughout the sub-project cycle (ii) will provide timely disclosure of relevant information that is understandable and readily accessible to groups and individuals, and specially women; (iii) is undertaken in an atmosphere free of intimidation or coercion; (iv) will be gender inclusive and responsive, and tailored to the needs of disadvantaged and vulnerable groups; and (v) shall enable the incorporation of all relevant views of affected people and other stakeholders into decision making, such as subproject design, mitigation measures, the sharing of development benefits and opportunities and implementation issues. Consultation will be carried out in a manner commensurate with the impacts on affected communities. The consultation process and its results will be documented and reflected in the environmental and social monitoring report. Feedback about project should be obtained time to time from affected landowners during consultation. Affected landowners may approach GRC if any grievances arise.

6.4 Public Consultation Information Disclosure

AEGCL will submit to AIIB the following documents for disclosure on AIIB's website: (i) the final ARAP; (ii) a new or updated ARAP and corrective action plan prepared during sub-project implementation, if any; and (iii) the environmental and social monitoring reports.

AEGCL will provide relevant environmental information, including information from the above documents in a timely manner, in an accessible place and in a form and local language(s) understandable to affected people and other stakeholders in accordance with the AIIB's ESP 2019.

ARAP results will also be communicated to the local community before commencement of construction through posting on the website of AEGCL and other suitable means as well as providing a mechanism for the receipt of comments.

The information disclosure mechanism adapted during consultation process are to identifying stakeholders who may be affected by the transmission line project. This includes:

- Local communities and residents along the transmission corridor.
- Landowners and people whose land or properties might be impacted.
- Indigenous groups or communities with specific land use and cultural practices in the area.
- Government agencies responsible for regulating environmental, land use, and energy sectors.
- Environmental and social organizations monitoring the impacts on natural resources and communities.
- General public in areas that might experience indirect impacts, such as noise or visual disruption.

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The Public Consultation are organized at community level where the transmission lines are passing, typically at key points area along the route. Public meetings allow the project team to present the project, answer questions, and gather feedback and Focus Group Discussions with smaller, targeted discussions with specific groups (e.g., women, indigenous groups, farmers) are held to understand their unique concerns and needs.

ARAP will be disclosed online on the website of AIIB and AEGCL. The executive summary of ARAP shall be translated in local language (Assamese) and the same will be disclosed on the website of AIIB and AEGCL. Their hardcopies in English and executive summary in Assamese language are shall be available at the following locations.

1. PMU: Project Director,

Address: 1st Floor, AEGCL, Bijulee Bhawan,

Contact No.: 0361-2739520

Website: www.aegcl.co.in,

2. PIU: Project Manager

Address: AGM (Maintenance), 400kV Kukurmara (Mirza) GSS, AEGCL

Email: agmmaintenance.mirza@aegcl.co.in

3. PIU: Project Manager

Address: AGM, T &T Division, Nagaon, AEGCL.

Email: agm.nagaon@aegcl.co.in

6.5 Stakeholder Consultations undertaken

As part of the ARAP for the project, the following consultations were undertaken.

Table 33: Consultations undertaken for the Project

Sl. No.	Date	Stakeholder Details	Location	No. of Participation	Issues discussed
LILO of 220 kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon					
1.	10th February, 2025	Discussion with local community at LILO of 220 kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon	2no. Jambari	11 nos.	<ul style="list-style-type: none"> Discuss with the local community about details of the project and understanding the project, the construction of proposed Transmission lines work to Khumtai substation. Payment procedure of land compensation, Trees and crop compensation process to the Landowners. Other impacts associated with transmission lines and approach to Minimizing the impact.
			Paneri	16 nos	
2.	21th March, 2025	Discussion with local community at LILO of 220 kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon	Paneri	4 nos	
			2no. Jambari	4 nos.	

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3.	11 th April, 2025	Discussion with local community at LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon	2no. Jambari	6 nos	<ul style="list-style-type: none"> The documents required to be submitted from the landowners for disbursement of Compensation for tower footing, RoW corridor and zirat Compensation, etc. Discuss regarding the common property resources such as cemetery, school, community hall, hospitals, Mandir, Masjid, habitation areas etc. shall be completely avoided while finalizing the route of lines/check Survey. If any utilities is found during the check survey measures will be taken to avoid public utilities (Diverting the lines). Also informed the community that Grievance Redressal Committee is formed for the project, the local community may directly approach the Grievance Redressal Committee if any Grievances arise at site.
4.	19 th April, 2025	Discussion with local community at LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon	Paneri	8 nos.	
LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)					
1	2nd March, 2025	Discussion with local community at LILO of Samaguri (AEGCL-Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)	Telia Gaon	5 nos	<ul style="list-style-type: none"> Discuss with the local community about details of the project and understanding the project, the construction of proposed Transmission lines work to Khumtai substation. Payment procedure of land compensation, Trees and crop compensation process to the Landowners. Other impacts associated with transmission lines and approach to Minimizing the impact. The documents required to be submitted from the landowners for disbursement of Compensation for tower
2	7th March, 2025	Discussion with local community at LILO of Samaguri (AEGCL-Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)	Telia Gaon	5 nos	

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3	7th March, 2025	Discussion with local community at LILO of Samaguri (AEGCL-Existing) -Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)	Telia Gaon	6 nos	<p>footing, RoW corridor and zirat Compensation, etc.</p> <ul style="list-style-type: none"> Discuss regarding the common property resources such as cemetery, school, community hall, hospitals, Mandir, Masjid, habitation areas etc. shall be completely avoided while finalizing the route of lines/check Survey. If any utilities is found during the check survey measures will be taken to avoid public utilities (Diverting the lines).
4	5 th April, 2025	Discussion with local community at LILO of Samaguri (AEGCL-Existing) -Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)	Telia Gaon	5 nos	<ul style="list-style-type: none"> Also informed the community that Grievance Redressal Committee is formed for the project, the local community may directly approach the Grievance Redressal Committee if any Grievances arise at site.

As part of these consultations an attempt was made to develop an understanding of the stakeholder group's key concerns and expectations from the project, the stakeholder group's perception of the project and to triangulate the secondary information available on the area.

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7. Institutional Arrangements & Monitoring and Evaluation

The Assam Intra-State Transmission System Enhancement Project (AISTSEP), is implemented by Assam Electricity Grid Corporation Limited (AEGCL) under the financial assistance from the Asian Infrastructure Investment Bank (AIIB). A Project Management Unit (PMU), established within the AEGCL, headed by a Project Director cum CGM (PP&D). The Project Director is accountable for overall supervision, coordination and responsibility of the project planning, implementation, and monitoring. The PMC reports to PMU. The Environmental and Social (E&S) staff is dedicated for projects funded by the Asian Infrastructure Investment Bank (AIIB) to streamline decision-making and provide more autonomy for project execution and delivery. The E&S staff of AIIB project is part of PMU which is headed by Project Director. At divisional level, the charge of E&S Officer is given to the concern's AGM. The AGM's will also act as project Manager for individual subprojects (substation and associated Transmission Line). The AGM's will work under the supervision of DGM at circle level.

PMU will monitor the implementation of ARAP to determine whether resettlement goals and other social safeguard requirements of the project have been achieved, and livelihood and living standards of the affected scheduled tribal peoples have been restored, and also to recommend on how to further improve ARAP implementation. PMU will prepare semi-annual monitoring reports and submit AIIB for review and approval. The monitoring reports will focus on whether resettlement activities have complied with ESS2 and ESS3 of the project. The reports will also document consultations conducted with the Affected landowners, and the summaries of the issues identified, and the actions taken to resolve them. It will also provide a summary of grievances or complaints lodged by the Affected landowners and the actions taken to redress them, and also the specific activities conducted to restore and improve income sources and livelihoods of the Affected landowners.

Thus, the overall purpose of monitoring & evaluation will be to keep track of the ARAP implementation process, progress, learning lessons, and taking corrective actions to deal with emerging constraints and issues and fulfilment of project objectives. Monitoring and Evaluation will focus on the effectiveness of ARAP implementation, covering the progress of land acquisition and rehabilitation and resettlement activities, payment of compensation, the effectiveness of public consultation, and participation activities, the sustainability of income restoration, etc. It includes the following:

- (a) performance monitoring,
- (b) impact monitoring; and
- (c) end term evaluation or completion audit

The M&E will enable the PMU to get feedback from the field operatives to work out remedial measures to ensure achievement of targets within schedule. The progress of all aspects including payment of compensation for restricted/Temporary use of land for tower base area and RoW corridor and same will be monitored through the PMU. It is important to ensure the implementation of the ARAP, so the compensation process will be transparent and fair to ensure that all affected individuals are compensated in a timely and equitable manner. In this respect,

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monitoring process of ARAP implementation is designed as an important part for overall functioning and project management and provided inputs procedures and outputs will be monitored as per the approved plan and schedule of actions.

ARAP implementation will be evaluated internally by the PMU/PIU itself and the PMC Social Safeguard Expert and through field level officials, who will be regularly monitoring ARAP implementation. The PMC will submit monthly progress report to update the Project Management Unit (PMU) on the ARAP implementation on associated Transmission line activities. The Sr. Social Safeguard Expert will submit semi-annual monitoring report on progress and compliance issues of ARAP implementation. and guide the PMU, and PMC to keep everything on track and carryout evaluation on the ARAP implementation.

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8. Grievance Redressal Mechanism

General overview of the Grievance Redress

Mechanism Assam Intra-State Transmission System Enhancement Project

8.1 Objectives

The Assam Intra-State Transmission System Enhancement Project (the Project) aims to strengthen Assam's electricity transmission system. As the Project is funded by the Asian Infrastructure Investment Bank (AIIB), it complies with the Environmental and Social Framework and the Policy on the Project affected People's Mechanism of the AIIB. The Environmental and Social Management and Planning Framework (ESMPF) of the Project provides for the establishment of a Grievance Redress Mechanism (GRM). The GRM is a free system that registers and attempts to resolve concerns or complaints by Project-affected people (PAPs) or construction workers. This process aims to quickly resolve disputes and avoid litigation, thus ensuring the smooth implementation of the project activities.

At all levels of the project Grievance Redress Mechanism, the Grievance Redress Committee members should uphold the objectives of the GRM and strive to achieve them. The primary objectives of GRM are:

- Provide an accessible, transparent, efficient and predictable mechanism for resolution of grievances to all project by:
 - Popularizing the GRM and how it can be accessed for free.
 - Receiving grievances in various possible forms (Written, Verbal, Electronic, Email, Social Media, Telephone, Fax, Suggestion Box)
 - Establishing clear procedures for redress that covers:
 - Registration in the GRM log all grievances (including minor and verbal).
 - Acknowledgement to the complainant, explaining expected duration for resolution.
 - Investigation of the grievance, proposing a solution to the complainant and if acceptable closure of the complaint. OR
 - Escalation of the grievance to Tier II which should be communicated to the complainant.
 - Investigation of the grievance, proposing a solution to the complainant
 - Provision of feedback and closure of the grievance in the GRM Log.
 - Complaint should be made aware that:
 - There is no retribution or intimidation for complainants.
 - Access of the GRM is free for the complainants.
 - The GRM does not replace the judicial system
 - .Observe for any repeated complaints and inform PMU of such for their systemic resolution.
 - Providing an environment that fosters free and honest exchange of information, views, and ideas.

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9.2 Stakeholders with Grievances

It is likely the following categories of stakeholders may have grievances and file the grievances for redressal. They are

- Individuals, both men and women
- Communities/ Groups of individuals
- Project workers – local and migrant
- Community Based Organizations or Common Interest Groups
- Firms, Companies, Enterprises, Service Providers, and other businesses
- National/ International Non-Government Organization (NGOs)

Table 34: Roles and Responsibilities of GRC Member

PMU/ PIU GRC Members	Community GRC Member
<ul style="list-style-type: none"> ● Receives grievance from complainant and record them in a logbook. ● Acknowledge receipt of complaints with a written record. ● Arrange for GRC meetings to consider the grievances. ● Work closely with the GRC members to develop and implementing actions to resolve grievances. ● Prepare minutes of GRC meetings and record solutions. ● Provide feedback information on the status of resolution to the complainant within assigned timeline. ● Review grievance response and submit to Contractor/PIU/PMU for approval or implementation. ● Submit proposed solutions to the complainant within assigned timeline. ● Ensure proper logging, escalation, tracking, reporting, and following up on all project specific grievances. ● Swiftly escalate any grievances that cannot be resolved at the project level or may pose a big reputational risk to the project. This includes any complaints related to the health, safety, dignity, and wellbeing of any person (both men and women). 	<ul style="list-style-type: none"> ● Popularize the existence, functions, and accessibility of the GRM among all project affected people, both men and women. ● Encourage key community members to facilitate submission of complaints, if needed. ● Attend regularly and actively participate in GRM meetings to review and provide solutions to project related grievances. ● Facilitate and mediate resolution of grievance. ● Accept and record grievances from community members. ● Facilitate the communication of the response of the GRC to complainants/ aggrieved. ● Keep communicating project related matters to GRC/ PIU.

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<ul style="list-style-type: none"> • Notify PMU within 12 hours of any grievances that require investigation or intervention by the police or other relevant authorities. • Provide monthly update to a member of the PMU who will track grievances and always include a section on grievance management in the monthly progress report. 	
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Table 35: Most Common Grievances and Redressal

Common Grievance Categories	Issues and Likely Solutions
Technical/ Engineering	<ul style="list-style-type: none"> • Design related – Suit the design to the site. Restrict the width according to the available land and modify the design accordingly; • Alignment related – Always use GPS coordinates. In case of problem contact Revenue department to correct the alignment; • Quality related – Get the materials and finished product tested at reputed laboratories and publicize the results.
Environmental	<ul style="list-style-type: none"> • Storm water – Do not obstruct or divert natural drainage. Provide for culverts or bridges where necessary – Stone blasting – Take precautions as per law and inform the communities accordingly • Dust – Keep watering as required so that dust doesn't spread or rise. • Noise – Use barriers at sensitive receptors and take up work at appropriate timings. • Uncovered borrow areas – Dig borrow pits as per specifications. • Waste Disposal – Dispose of waste at designated places only.
Social	<ul style="list-style-type: none"> • Disruption of other existing public services e.g. hospitals, schools, Water and electricity supply – Consult communities and minimize the disruption of service. Provide alternative supplies. • Historical and Cultural sites – Follow the government guidelines on this. Do not deface any historical or cultural sites. • HIV/AIDS/ Covid-19 issues – Follow the government SoP for these. Conduct awareness campaigns among the communities and workers. • Child labour – Avoid child labour. No children below 14 years on work. No children below 18 years on hazardous work. • Rape / sexual and Gender-Based Violence – Conduct awareness camps among workers and community. Have a code of conduct. Set up Internal Complaints Committees to redress gender related grievances.

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Common Grievance Categories	Issues and Likely Solutions
Land, Compensation and Resettlement	<ul style="list-style-type: none"> ● Non-payment of compensation money - Do not take possession of land before paying full compensation. ● Underpayment of compensation money - All compensation valuation has to be done as per the LA Act 2013 and verified before payments. ● Disputes of land ownership - Refer to Revenue Department for measurement and survey to decide on the ownership. ● Injurious affections such as cracks in buildings, damages to properties - Do take care not to cause damage to houses. Repair all damages and bring them back to original status. ● Boundary queries between PAPs - Do not get involved in this. Leave these matters to PAPs to decide themselves.
Road Safety	<ul style="list-style-type: none"> ● Accidents - Report immediately to PIU/ PMU. ● Humps - Do not erect humps without the permission of PIU. The hump has to be as per the design. No private person can built humps. ● Signage - All signage has to be fixed by PIU/ Contractor. ● Cutting of pavement by utility companies - No utility company can cut the pavement without the permission ● Overloaded vehicles/ Road littering - Such incidents to be reported to PIU for action.
Occupational Health and Safety	<ul style="list-style-type: none"> ● Protective gear - The workers must wear protective gear at all times during the work. ● HIV/AIDS / Covid-19 services - The workers and communities must be educated about these. They should follow the SoP.
Governance	<ul style="list-style-type: none"> ● Procurement - To be transparent and all matters related to procurement to be disclosed. ● Contractor highhandedness - All contractors to be instructed not to deal with the communities directly. Always involve PIU in dialogue with communities. ● Corruption - Such cases to be sent to the respective agencies for enquiring and investigation.

Table 36: DOs and DON'Ts for GRC Members

DOs	DON'Ts
<ul style="list-style-type: none"> ● <u>Respect</u> complaints. ● Follow the established GRM procedures. ● Popularize the GRM's existence, 	<ul style="list-style-type: none"> ● Intimidate, threat, or harass complaints. ● Set unrealistic redress durations. ● Exclude vulnerable groups.

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<p>accessibility, and free access.</p> <ul style="list-style-type: none">● Establish accessible compliant receipt locations and channels for vulnerable groups considering their constraints.● Maintain logbooks.● Establish clear timetables for resolving grievances.● Assign each compliant a unique ID, track and report its resolution.● Work with the complainant to find a resolution throughout the GRM.● Keep complainant informed of resolution process.● Seek feedback from the complainant to improve GRM functionality.	<ul style="list-style-type: none">● Create constraints in filing grievances.● Create barriers or compound the procedures for grievance filing receipt.● Disclose aggrieved identity to others.● Make false promises to the complainant.● Be biased in redressal.● Expect or seek any compensation or benefits from complainants.
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General overview of the Grievance Redress Mechanism

Assam Intra-State Transmission System Enhancement Project

Project Introduction: The Assam Intra-State Transmission System Enhancement Project (the Project) aims to strengthen Assam's electricity transmission system. The Project will facilitate connection of remote areas, enhance the capacity and reliability of the system, improve voltage profile, and reduce losses and ultimately enhance satisfaction for all categories of consumers. As the Project is funded by the Asian Infrastructure Investment Bank (AIIB), it complies with the Environmental and Social Framework and the Policy on the Project-affected People's Mechanism of the AIIB.

The construction activities under the Project may cause some minor disturbances to the physical environment and communities. These are typical of civil works, such as generating dust, noise, air pollution, and construction debris, influx of construction workers and limited need to acquire permanently or temporary land. Thus, a multi-tiered Grievance Redressal Committee (GRC) will be applicable to the project in its entirety. To honor the GRM, Assam Electrical Grid Corporation Limited (AEGCL) will adopt the practice to resolve any major/ minor grievances, where AEGCL shall accept, review and address issues or problems raised by Project Affected Persons (PAPs), local people and project workers related to project works. GRC will review grievances involving all resettlement benefits, compensation, relocation, replacement cost, other additional assistance for vulnerable groups including Indigenous Peoples (IPs) and grievances related to environmental issues (if any).

The Environmental and Social Management and Planning Framework (ESMPF) provide guidelines how to reduce potential risks and mitigate impacts. Site-specific Environmental and Social Management Plans (ESMP) gives specific measures for specific locations.

Overview of the Grievance Redress Mechanism

The Project provides for the establishment of a Grievance Redress Mechanism (GRM). **The GRM is a free system that registers and attempts to resolve concerns or complaints by Project-affected people (PAPs) or workers/employees arising from project activities.** This process aims to quick resolve of disputes and avoid litigation, thus ensuring the smooth implementation of the project activities. Every person, man, woman, or construction worker employed in Project activities, who feels that they have been adversely affected by the Project, can file their concerns for free to the GRM. **The Project guarantees that there will be no reprisals or retributions for raising grievances.** The GRM process does not prevent project affected people to seek their rights through the judicial system but provides an additional and free way to resolve problems. Anonymous grievances are acceptable, but it will be impossible to inform the complainant of the outcome. In this case, the grievance and the proposed resolution will be publicized on site.

Complaint which may be arises during the project implementation period (Pre-Construction, During Construction and Post Construction) will be handled according to the following procedure:

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1. Project-affected person approaches a member of the CGRC (Tier-1) in person or via the phone/WhatsApp. (Dedicated phone number will be assigned).
2. The Circle level GRC (Tier 1) member receives the grievances and records the details in the GRM logbook.
3. The CGRC (Tier-1) acknowledges the receipt of the grievance and provides a dated proof (official slip, text or WhatsApp message).
4. The CGRC (Tier-1) gathers information, visits site and interviews people to evaluate if they can find a resolution of the grievance within 10 working days.
5. The CGRC (Tier-1) informs grieved party of the proposed resolution in writing. a. Grieved party can accept the proposed solution, which is duly recorded. b. Grieved party may not accept the proposed solution, which is duly recorded.
6. If the CGRC (Tier-1) is unable to find a solution, or if the grieved party does not accept the proposition, the CGRC can automatically escalate the issue to the Tier -2 GRC, if grieved party agrees.
7. The Tier-2 GRC acknowledges the receipt of the grievance and provides a dated proof (official slip, text or WhatsApp message).
8. The Tier 2 GRC gathers information, visits site and interviews people to evaluate if they can find a resolution of the grievance within 20 working days.
9. The Tier 2 GRC informs grieved party of the proposed resolution in writing. a. Grieved party can accept the proposed solution, which is duly recorded. b. Grieved party may not accept the proposed solution, which is duly recorded.
10. The grieved party may seek their rights in the court of law.

Table 37: The members of the Tier-1 GRC and their communication details in the project Districts

Sl. No.	Officials	Name of the officials	Contact Details	Designation	
GRC Committee for Chhaygaon					
1	Deputy General Manager, Mirza T & T Circle, AEGCL (Project Authority)	Mr. Arnav Gogoi	9435165696	Chairman	
2	Circle Officer, Chaygaon Revenue Circle, Chaygaon	Mr. Suraj Sonowal	6001704734	Deputy Chairman	
3	Assitent General Manager, 400 kV Kukurmara (Mirza) GSS, AEGCL	Mr. Dip Pathak	9365403950	Member	
(For Chhatabari Industrial Area)					
4	President- 5 No. Uttar Pachim Bangaon GP	Indu Das	6001738543		
5	President- 1, 5 No. Uttar Pachim Bangaon GP	Banita Rabha	6000414744		
6	CBO, President, Chatabari Mathura Library	Padma Das	8011995927		
(For Jambari Industrial Area)					
7	Councilor, 7 No. Uttar Pub Bangaon GP	Hajarat Ali	7002269215		

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Sl. No.	Officials	Name of the officials	Contact Details	Designation
9	President, 7 No. Uttar Pub Bongaon GP	Jesmin Sultan	8472911458	
10	Secretary, Jironi NGO, Jambari	Gaher Ali	8638979471	
11	Resident AEGCL Engineer	To be declared at the time of award of contract		
12	Representative of EPC contractor			
GRC Committee for Nagaon2				
1	Deputy General Manager, Tezpur T & T circle (Project authority)	Mr. Lohit Krishna Borah	7002259096	Chairman
2	Circle Officer, Nagaon Sadar Revenue circle			Deputy Chairman
3	Assistant General Manager, Nagaon T & T Division, AEGCL	Mr. Bipul Kachari	9435512280	Member
4	Vice President, Bhotai Pathari GP.	Mr. Bhupen Bora	9706947821	
5	Woman representative of Village	Minali Bora	9127220113	
6	NGO worker	Puspa Paul Baruah	9957995023	
7	Environment and social Specialist, PMU	Mr. Dibya Jyoti Baruah	9854339228	
8	Resident Engineer, AEGCL	Sri Bipul Kachari	9435512280	
9	Representative of EPC Contractor	Sharwan Kumar Sarma	9111003745	

Table 38: The members of the Tier-2 GRC and their communication details in the corporate level

Sl no.	Designation	Position in the Committee	Communication Address	Website & Email id
1	Dy. General Manager (EAP), PMU, AEGCL	Deputy Chairman	Contact No.: 0361-2739520	
2	E & S Safeguard Specialist, PMU, AEGCL	Member	es.aegcl.pmu@gmail.com	
3	Project Related AGMs (EAP), AEGCL	Member	eap.cell@aegcl.co.in	
4	Joint Secretary (Power, Electricity), GoA	Member	GoA, Power (Electricity Dept.), Assam Secretariat, Dispur, Guwahati-781006 Contact No.: 0361-2237260	dy.secy.powe@gmail.com
5	Team Leader, Environment Expert and Social Expert, PMC	Member	House No 1, Saniram Bora Road, Near Bora service Petrol Pump, Guwahati, Assam 781007	aegcl.pmc@feedbackinfra.com

If any unwanted situation like danger, sexual harassment and other life threatening, the victim person may reach to the concerned officials who belong to the Tier-1 and Tier-2 committee and may contact for further needful action or the matter should be informed to AIIB immediately.

Abbreviated Resettlement Action Plan*ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT***Grievance Register**

Grievance Register	
Date of Grievance Recorded	* Details of Grievance
Grievance Recorder	
Grievance submitted through	
Name of Complainant	
Complainant Preferred Contact	
Complainant Address	
Type of Grievance	
Describe Grievance	
Date of Grievance Occurrence	
Date of Acknowledgement	
Mode of Acknowledgement	
Brief Outline of Proposed Resolution	
Action Taken	
Action Taken on	
Outcome	
Outcome communicated to PAH on	
Status Update	
Mode of Complainant Update	
Acknowledged by	
Date Closed	
Days to Close Grievance	
Date of Grievance Received to Tier 2	
Date of GRC meeting (2nd Tier)	
Estimated Time for Resolution Action	
Taken Action	
Taken on	
Outcome	
Outcome communicated to PAH on	
Status Update	
Mode of Complainant Update	
Acknowledged by	
Date Closed	
Days to Close Grievance	

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9. Budget

The estimated cost for implementing the ARAP includes compensation for affected land, loss of crops, trees, and huts, along with necessary expenses for implementation, monitoring, and administrative activities. The budget allocation will be determined based on the new guidelines issued by the Ministry of Power, Government of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) and the Government of Assam Power Department Notification dated 04.11.2024, compensation for the tower base area will be 200% of the land value, covering the area enclosed by the four legs of the tower at ground level, plus a one-meter extension on each side, while compensation for the RoW corridor will be 30% of the land value, in accordance with Schedule VII of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022.

The assessment for landowner identification has been completed for 8 tower footings locations including one tower on Government Land for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and 7 tower footings locations including two towers on encroached Government land for LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. The compensation process is currently being carried out by the concerned administrative department. Once the process is finalized and submitted to the PIU and EPC Contractor, the compensation amounts will be disbursed to the affected landowners. The payment is expected to be disbursed to the affected persons by 31st of July, 2025. The Zonal value provided by the District Authority is provided in **Appendix 13**.

After the final assessment the impact of the transmission line tower base is limited to the four legs of the tower. The total land area affected by the construction of the tower bases is 0.176 hectares for Chhaygaon and 0.088 hectares for Nagaon2 transmission line respectively. Based on crop value provided by concern Agriculture department, the total compensation for crop damage for both the LILO lines is approximately estimated as **Rs. 20881/-** for Chhaygaon and 9533/- for Nagaon2 transmission line respectively.

The Right of Way (RoW) corridor required for the LILO of the 220 kV Mirza–Boko–Azara (AEGCL–Existing) double-circuit line at Chhaygaon is 35 meters wide (17.5 meters on each side of the transmission line route). This corresponds to approximately 4.1475 hectares of land will affect in ROW corridor. The total estimated budget of land compensation under ROW corridor is approximately **Rs 83,70,000/-**, based on a 35-meter RoW corridor width and a transmission corridor length of 1,185 meters, where crop damage—particularly to paddy (rice) cultivation—is expected to occur. The estimated amount for crop compensation for the Chhaygaon transmission line is approximately **Rs. 456,382/-**

The Right of Way (RoW) corridor required for the LILO of the 220kV Samaguri (AEGCL - Existing) – Sarusajai (AEGCL - Existing) D/C Line at Nagaon-2 (AEGCL - New) is 35 meters (17.5 meters on each side of the transmission line route). This equates to approximately 5.46 hectares of land will affect in ROW corridor. The total estimated budget of land compensation under ROW corridor is

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approximately **Rs 1,22,12,553/-**, based on a 35-meter RoW corridor width and a transmission corridor length of 1,185 meters, where crop damage—particularly to paddy (rice) cultivation—is expected to occur. The estimated amount for crop compensation for the Nagaon2 transmission line is approximately **Rs 6,00,804**, considering a 35-meter RoW corridor width and a transmission corridor length of 1,560 meters.

Moreover, the identification and assessment of landowners within the Right of Way (RoW) corridor for both the LILO lines is currently in progress and is expected to be completed by September 2025.

The Right of Way (RoW) corridor for both LILO lines does not contain any tree plantations, and therefore, tree felling will not be required for these lines. However, if any newly grown or other trees are found to infringe upon the corridor during execution, they will be assessed separately. Compensation for any damages or losses will be provided to the affected landowners in accordance with the provisions outlined in the Entitlement Matrix. The estimated cost for potential tree trimming or pruning, if required during construction, is approximately **Rs. 200,000/-each for both the LILO lines of Chaygaon and Nagaon2.**

The temporary access roads for the LILO of 220 kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon, transmission line, temporary access roads for 5 tower foundation locations will be require out of 8 tower foundation sites, while the remaining 3 locations can be accessed via existing rural roads. Most of these tower foundation sites are located in paddy fields. In total, approximately 0.063 hectares of land will be temporarily affected by the construction of access roads, primarily impacting paddy crops. The compensation for crop damages for the access road to tower foundation work is approximately estimated as **Rs. 6968/-**

For the LILO of the 220kV Samaguri (AEGCL - Existing) – Sarusajai (AEGCL - Existing) D/C Line at Nagaon-2 (AEGCL - New), temporary access roads will be required to reach seven tower foundation locations. These access routes will temporarily impact land belonging to eight affected landowners, including three cases of encroachment on Government land. Most of the tower sites are located in paddy fields, and the construction activities are expected to temporarily affect approximately 0.52 hectares of land, primarily impacting paddy cultivation. The compensation for crop damages for the access road to tower foundation work is approximately estimated as **Rs. 44,050/-**

The compensation amount for crop damage along the access road areas has been finalized by the relevant administrative department. Following approval from the Revenue Department, the EPC Contractor will disburse the compensation to the affected landowners.

However, effort will be taken to minimize or avoid damage to crops by scheduling tower foundation work after the harvesting season. The District Agriculture Office has already provided

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the approved crop compensation rates applicable to both the tower base/footing areas and the access roads.

Table 32 provides an estimated cost of land compensation for the tower base, crop damage for tower base area and temporary access road. Land compensation for the tower base area has been estimated considering new guidelines of GoA for for 8 tower footings locations including one tower on Government Land for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and 7 tower footings locations including two towers on encroached Government land for LILO of Samaguri (AEGCL- Existing) –Sarujajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. However, the final figures may vary based on the official determination by the authorities.

Table 39: Estimated Compensation Budget for construction of Chhaygaon Transmission Line

Estimated Cost of Land Compensation and Crop damage for Tower Base, RoW corridor and Access Road				
Name of Transmission Line: LILO of 220 kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon transmission line. (For 8 Locations)	Estimated Cost of Land Compensation for Tower Base area			
	A	Land Area for 8 Nos. Tower Base for (Hectare)	**Rate per Bigha in INR (1 bigha = 0.133 hectares)	200% of Land Value of Tower Base Area in INR
		0.058	900000/-	Rs. 8,60,000/-
	Crop Damage Compensation for Tower Base area			
	B	Number of Affected Person	Affected Area	Total Estimated Amount
		7	0.176	20,881/-
	Crop Damage Compensation for Temporary Access Road			
	C	Number of Affected Person	Affected Area	Total Estimated Amount
		5	0.063	6968/-
	Crop Damage compensation for RoW corridor			
	D	Total Land Area for RoW corridor in (Hectare)	**Rate per Bigha in INR (1 bigha = 0.133 hectares)	Total Estimated Amount
		4.1475	14722	456382/-
	Estimated Cost of Land Compensation for RoW corridor area			
	E	Land Area for RoW corridor in (Hectare)	**Rate per Bigha in INR (1 bigha = 0.133 hectares)	30% of Land Value of Tower Base Area in INR
	4.1475	900000	8370000/-	
Estimated cost for Cutting/trimming/Pruning of Trees				
F	Land Area for RoW corridor in (Hectare)	Average rate for tree trimming/pruning per tree in INR	Total Estimated Amount	
	4.1475	Rs 5000/-	200000/-	
Total (A+B+C+D+E+F+G)			9914231/-	
Contingency amount for unforeseen costs.				
G	Contingency amount (@ 10% of total estimated amount)		991423/-	
Grand Total Estimated Budget			10,905,654/-	

** Rate per Bigha is calculated as average value of INR 9 lakhs. The Zonal Value under Chhaygaon Revenue Circle area is provided in **Appendix-13** as received from concerned revenue circle office.

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Table 40: Estimated Compensation Budget for 8 Tower Construction for Nagaon2 TL

Estimated Cost of Land Compensation and Crop damage for Tower Base, RoW corridor and Access Road				
Name of Transmission Line: LILO of the 220kV Samaguri (AEGCL - Existing) - Sarusajai (AEGCL - Existing) D/C Line at Nagaon-2 (AEGCL - New), transmission line. (For 7 Locations)	Estimated Cost of Land Compensation for Tower Base area			
	A	Land Area for 7 Nos. Tower Base for (Hectare)	**Rate per Bigha in INR (1 bigha = 0.133 hectares)	200% of Land Value of Tower Base Area in INR
		0.05	1000000/-	Rs. 7,40,000/-
	Crop Damage Compensation for Tower Base area			
	B	Number of Affected Person	Affected Area	Total Estimated Amount
		7	0.088	9533/-
	Crop Damage Compensation for Temporary Access Road			
	C	Number of Affected Person	Affected Area	Total Estimated Amount
		8	0.52	44.050/-
	Crop Damage compensation for RoW corridor			
	D	Total Land Area for RoW in (Hectare)	**Rate per Bigha in INR (1 bigha = 0.133 hectares)	Total Estimated Amount
		5.46	14722	600804/-
	Estimated Cost of Land Compensation for RoW corridor area			
	E	Land Area for RoW corridor in (Hectare)	**Rate per Bigha in INR (1 bigha = 0.133 hectares)	30% of Land Value of Tower Base Area in INR
		5.46	1000000	12212553/-
Estimated cost for Cutting/trimming/Pruning of Trees				
F	Land Area for RoW corridor in (Hectare)	Average rate for tree trimming/pruning per tree in INR	Total Estimated Amount	
	5.46	Rs 5000/-	200000/-	
Total (A+B+C+D+E+F+G)			13806940/-	
G	Contingency amount for unforeseen costs.			
	Contingency amount (@ 10% of total estimated amount)		1380694/-	
Grand Total Estimated Budget			15,187,634/-	

** Rate per Bigha is calculated as average value of INR 10 lakhs. The Zonal Value under Nagaon Revenue Circle area is provided in **Appendix-13** as received from concerned revenue circle office.

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10. Implementation Schedule

The implementation of the ARAP was scheduled as per the overall project implementation timeframe. All activities related to Restricted/temporary use of land were planned and compensation will be paid to the affected landowners once it is finalized from the district authority and before commencement of works. The zonal land value received from the relevant revenue circle, along with details of affected landowners, has been finalized. The Landowner identification has been completed for 8 tower footings locations including one tower on Government Land for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and 7 tower footings locations including two towers on encroached Government land for LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. It is expected that the ARAP implementation will be completed in July 2025. The. Public consultation, monitoring and grievance redress were undertaken intermittently during project implementation duration. The detailed implementation schedule has been approved by AEGCL. The details of work progress as per L2 schedule is presented below.

Activities	2025				2026		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3
ARAP Preparation/Inform Affected Persons/Socio-economic							
Confirmation of affected households							
Announce cut-off date							
Census Survey/Asset Inventory							
Set up GRC							
Public Consultation							
Disclosure of ARAP							
Compensation							
Commencement of civil works							

Figure-1: Project Implementation Schedule of Chhaygaon and Nagaon-2 Transmission line

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11 Summary, Recommendation and Conclusion

This report outlines the necessary steps for mitigating impacts on affected landowners and provides a clear framework for compensation, including land, crops, and trees. The assessment for landowner identification has been completed for 8 tower footings locations including one tower on Government Land for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and 7 tower footings locations including two towers on encroached Government land for LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New). As per new guideline of Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification dated Dispur the 04-11-2024, the compensation process is currently in progress through the concerned administrative department and is expected to be completed by 31st of July, 2025. Once the process is finalized and submitted to the PIU and EPC Contractor, the compensation amounts will be disbursed to the affected landowners. This will ensure that the project meets the requirements of the Abbreviated Resettlement Action Plan (ARAP) and minimizes disruption to the affected community. The overall approach aims to safeguard the livelihoods of impacted individuals and communities, with a strong focus on transparency and fair compensation.

In the months of April and May 2025, a joint assessment of tower footing areas at 8 tower footings locations including one tower on Government Land for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon and 7 tower footings locations including two towers on encroached Government land for LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) transmission line locations was conducted by the Revenue and Agriculture Departments, in coordination with representatives from AEGCL, the Project Management Consultant (PMC), and the EPC Contractor. It is assessed that for the above-mentioned affected landowners identified for the tower-based area, 0.176 hectares for Chhaygaon and 0.088 hectares for Nagaon2 transmission line respectively will experience crop loss, primarily of paddy.

The Right of Way (RoW) corridor required for the LILO of the 220 kV Mirza–Boko–Azara (AEGCL–Existing) double-circuit line at Chhaygaon is 35 meters wide (17.5 meters on each side of the transmission line route). This corresponds to approximately 4.1475 hectares of land will affect in ROW corridor based on a 35-meter RoW corridor width and a transmission corridor length of 1,185 meters, where crop damage—particularly to paddy (rice) cultivation—is expected to occur and compensation will be paid according to the Entitlement Matrix.

The Right of Way (RoW) corridor required for the LILO of the 220kV Samaguri (AEGCL - Existing) – Sarusajai (AEGCL - Existing) D/C Line at Nagaon-2 (AEGCL - New) is 35 meters (17.5 meters on each side of the transmission line route). This equates to approximately 5.46 hectares of land will

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affect in ROW corridor based on a 35-meter RoW corridor width and a transmission corridor length of 1,185 meters, where crop damage—particularly to paddy (rice) cultivation—is expected to occur and accordingly, compensation will be paid according to the Entitlement Matrix.

Moreover, the identification and assessment of landowners within the Right of Way (RoW) for both the LILO lines is currently in progress and is expected to be completed by September 2025. The Right of Way (RoW) corridor for both LILO lines does not contain any tree plantations, and therefore, tree felling will not be required for these lines. However, if any newly grown or other trees are found to infringe upon the corridor during execution, they will be assessed separately. Compensation for any damages or losses will be provided to the affected landowners in accordance with the provisions outlined in the Entitlement Matrix.

For the LILO of 220 kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon, transmission line, temporary access roads for 5 tower foundation locations will be require out of 8 tower foundation sites, while the remaining 3 locations can be accessed via existing rural roads. Most of these tower foundation sites are located in paddy fields. In total, approximately 0.063 hectares of land will be temporarily affected by the construction of access roads, primarily impacting paddy crops.

For the LILO of the 220kV Samaguri (AEGCL - Existing) - Sarusajai (AEGCL - Existing) D/C Line at Nagaon-2 (AEGCL - New), temporary access roads will be required to reach seven tower foundation locations. These access routes will temporarily impact land belonging to eight affected landowners, including three cases of encroachment on Government land. Most of the tower sites are located in paddy fields, and the construction activities are expected to temporarily affect approximately 0.52 hectares of land, primarily impacting paddy cultivation. The compensation amount for crop damage along the access road areas for both the LILO transmission lines has been finalized by the relevant administrative department. Following approval from the Revenue Department, the EPC Contractor will disburse the compensation to the affected landowners and the same is anticipated to complete by 31st of July, 2025. However, effort will be taken to minimize or avoid damage to crops by scheduling tower foundation work after the harvesting season.

To minimize disruption, construction activities will be planned post-harvest or during lean periods to reduce potential crop damage, and landowners will be allowed to resume cultivation beneath the transmission lines after construction as per prevailing norms. However, for tower base area agriculture activities are suggested not to carry out considering the electrical safety measures.

AEGCL is committed to maintaining transparency and fairness in the compensation process, with continuous stakeholder consultations and grievance redress mechanisms to address

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concerns effectively.

The ARAP serves as a key document ensuring that the project meets safeguard requirements while minimizing social and economic impacts on affected communities.

The overall approach prioritizes livelihood protection, fairness, and transparency, ensuring that affected individuals and communities receive appropriate compensation and support throughout the project implementation.

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**Appendix 1: Sample Photographs of Public Consultation
At 220kV Mirza- Azara-Boko transmission line for Chhaygaon**



Photo Plate 1: Public consultation at 2 No. Jambari village.



Photo Plate 2: Public consultation at Paneri village.



Photo Plate 3: Public consultation at Paneri village.



Photo Plate 4: Public consultation at 2No. Jambari village.



Photo Plate 5: Public consultation at Paneri village.



Photo Plate 6: Public consultation at 2No. Jambari village.

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At 220kV Samuguri-Sarusajai Transmission Line for Nagaon2



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Appendix 2- Sample Photographs of the NOC Collection for Tower Footing from Affected Land Owners for LILO of 220 kV Mirza Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon Transmission Line



Dear Sir/Madam,
 In exercise of power vested with Assam Electricity Grid Corporation Limited, Govt. Of Assam, Under Part III of Indian Electricity Act and C.E. Act 1948 of part VIII to the Indian Electricity Act 2002 as amended up to date and in line with the Notice issued from the Deputy Commissioner's Office, Kamrup (R) vide notice no. E 1755-M/24/1/2022-KM dated Assamgauri, the 220 KV transmission LILO line connecting to Chhaygaon Grid Substation will pass over your property noted hereunder:

While due care will be taken to minimize damage to standing trees and crops and other tangible property damage like house, boundary wall etc. and any part thereof, certain unavoidable damages is likely during construction/erection of the above line. Compensation for the yield components of trees so felled and the crops damaged will be paid to you as per rates of competent Departments of Govt. of Assam and after being verified by Revenue Department. Any damage caused to house, boundary wall etc. will also be paid after being assessed and verified by Revenue Department. Land use will be compensated as per prevalent Govt. norms.

Additionally, you are informed that no tall trees or structures such as houses should be planted or constructed under the said transmission line in the nearby future.

Assistant General Manager, A.E.G.C.L.
 100/220 KV Substation
 A.E.G.C.L. Kamrup

- 1. Name of the Revenue Circle and District: *Chhaygaon Kamrup (R)*
- 2. Name of the village: *3 No - Jorajogoi*

Land owner Signature: *Saifur Rahman*
 Date: *28/03/2025*

- Copy to:
- 1. DC Office Kamrup (R) Assam
 - 2. Circle Office Chhaygaon, Kamrup (R)
 - 3. COM PPA&D A.E.G.C.L.
 - 4. DC&M T&T Circle Mirza



Dear Sir/Madam,
 In exercise of power vested with Assam Electricity Grid Corporation Limited, Govt. Of Assam, Under Part III of Indian Electricity Act and C.E. Act 1948 of part VIII to the Indian Electricity Act 2002 as amended up to date and in line with the Notice issued from the Deputy Commissioner's Office, Kamrup (R) vide notice no. E 1755-M/24/1/2022-KM dated Assamgauri, the 220 KV transmission LILO line connecting to Chhaygaon Grid Substation will pass over your property noted hereunder:

While due care will be taken to minimize damage to standing trees and crops and other tangible property damage like house, boundary wall etc. and any part thereof, certain unavoidable damages is likely during construction/erection of the above line. Compensation for the yield components of trees so felled and the crops damaged will be paid to you as per rates of competent Departments of Govt. of Assam and after being verified by Revenue Department. Any damage caused to house, boundary wall etc. will also be paid after being assessed and verified by Revenue Department. Land use will be compensated as per prevalent Govt. norms.

Additionally, you are informed that no tall trees or structures such as houses should be planted or constructed under the said transmission line in the nearby future.

Assistant General Manager, A.E.G.C.L.
 100/220 KV Substation
 A.E.G.C.L. Kamrup

- 1. Name of the Revenue Circle and District: *Chhaygaon Kamrup (R)*
- 2. Name of the village: *3 No - Jorajogoi*

Land owner Signature: *79.54863456*
 Date: *28/03/2025*

- Copy to:
- 1. DC Office Kamrup (R) Assam
 - 2. Circle Office Chhaygaon, Kamrup (R)
 - 3. COM PPA&D A.E.G.C.L.
 - 4. DC&M T&T Circle Mirza

Sample Photographs of the NOC Collection for Tower Footing from LILO of Samaguri (AEGCL-Existing) -Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)



Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix 3- Sample photographs of socio-economic census Survey for 220kV Mirza-Boko-Azara Transmission Line



Sample photographs of socio-economic census Survey for 220kV Samuguri-Sarusajai Transmission Line



Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix 4- Awareness on the Grievance Redress Mechanism (GRM) has been conducted, and a copy of the flyers distributed to the Project Affected Persons (PAPs) of LILO of 220kV Mirza - Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon are as follows



Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Awareness on the Grievance Redress Mechanism (GRM) has been conducted, and a copy of the flyers distributed to the Project Affected Persons (PAPs) of LILO of Samaguri (AEGCL-Existing) -Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New) are as follows



Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix 5: Some Sample Photographs of Access Road for Tower Foundation work for Mirza-Boko-Azara transmission Line



Some Sample Photographs of Access Road for Tower Foundation work for Samuguri-Sarusajai transmission Line of Nagaon-2 Substation



Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix 6: Sample attendance sheet of Public Consultation of LILO of 220 kV Mirza Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon Transmission Line



ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Attendance Sheet of Public Consultation

Date: 10.02.2025

Venue: 2 No. Jambaki

SL. No.	Name	Sex	Occupation	Signature
1	Ritu Das	M	Business	Ritu Das
2	Hriday Das	M	Pub. Service	Hriday Das
3	Kushal Boro	M	Business	Kushal Boro
4	Abani Kalita	M	Business	Abani Kalita
5	Abubakkar Siddik	M	Farmer	Abubakkar Siddik
6	Hajibul Haque	M	Farmer	Hajibul Haque
7	Matibar Ali	M	Business	Matibar Ali
8	Abjal Ali	M	Pub. Service	Abjal Ali
9	Suleman Ali	M	Farmer	Suleman Ali
10	Nur Mohammad	M	Farmer	Nur Mohammad
11	Abdul Khalek	M	Farmer	Abdul Khalek

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT



ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Attendance Sheet of Public Consultation

Venue: Pameri Village

Date: 21.03.2025

Sl. No.	Name	Sex	Occupation	Signature
1	Rima Kalita	F	H.wife	ৰিমা কলিতা
2	Pramita Kalita	F	H.wife	প্ৰমিতা কলিতা
3	Subhadra Kalita	F	Pvt. Service	Subhadra Kalita
4	Papu Kalita	M	Business	P.Kalita

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Sample Attendance Sheet of Public Consultation of LILO Of Samaguri (AEGCL- Existing)
-Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon

ASSAM INFRA-STATE TRANSMISSION SYSTEM ENCHMENT PROJECT

Attendance Sheet of Public Consultation



Name of Sub-Project : AISTSE Project. (Lilo of Samaguri AEGCL Existing Sarusajai D/C Line)
 Date: 2/03/2025 Venue: Telia Gaon

Sl No.	Name	Occupation	Age	Sex	Signature
1	Akmat Ali	Farmer	67	M	<i>Akmat Ali</i>
2	Fajal Ali	P. Service	43	M	<i>Fajal Ali</i>
3	Amina Khatur	House wife	51	F	<i>Amina Khatur</i>
4	Halima Khatur	House wife	32	F	<i>Halima Khatur</i>
5	Mohit Ali	Farmer	58	M	<i>Mohit Ali</i>
6					
7					

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT


 ASSAM INFRA-STATE TRANSMISSION SYSTEM ENCHMENT PROJECT
 Attendance Sheet of Public Consultation

 Name of Sub-Project : AISTSE Project (Line of Samaguri AEGCL Existing Sarusajai D/c Line)

 Date: 7/03/2025

Venue:

SL No.	Name	Occupation	Age	Sex	Signature
1	Hemanta Deka	Village Head	48	M	Hemanta Deka.
2	Giris Nath	Govt. Servic	57	M	Giris Nath.
3	Prabin Nath	Pvt. Service	42	M	প্ৰবিন নাথ
4	Diganta Das	Farmer	54	M	দিগন্ত দাস
5	Pravat Das	Pvt. Service	52	M	প্ৰবাল দাস
6	Nayan Kalita	Pvt. Service	50	M	নয়ন কলিতা
7					

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix -7-MOP guidelines dated 15 oct.'15/ Govt of Assam Notification dated 16th March, 2016 on ROW Compensation

No.37/2015-Trans
Government of India
Ministry of Power
Shram Shakti Bhawan
Rafi Marg, New Delhi – 110001

Dated, 15th October, 2015

To

1. Chief Secretaries/Administrators of all the States/UTs
(As per list attached)
2. Chairperson, CEA, New Delhi with the request to disseminate the above guidelines to all the stakeholders.
3. CMD, PGCIL, Gurgaon.
4. CEO, POSOCO, New Delhi.
5. Secretary, CERC, New Delhi.
6. CMD of State Power Utilities/SEBs

Subject: Guidelines for payment of compensation towards damages in regard to Right of Way for transmission lines.

During the Power Ministers Conference held on April 9-10, 2015 at Guwahati with States/UTs, it has, *inter alia*, been decided to constitute a Committee under the chairmanship of Special Secretary, Ministry of Power to analyse the issues related to Right of Way for laying of transmission lines in the country and to suggest a uniform methodology for payment of compensation on this count. Subsequently, this Ministry had constituted a Committee with representatives from various State Governments and others. The Committee held several meetings to obtain the views of State Governments on the issue and submitted its Report along with the recommendations (copy of the Report is at **Annex-1**).

2. The Recommendations made by the Committee are hereby formulated in the form of following guidelines for determining the compensation towards "damages" as stipulated in section 67 and 68 of the Electricity Act, 2003 read with Section 10 and 16 of Indian Telegraph Act, 1885 which will be in addition to the compensation towards normal crop and tree damages. This amount will be payable only for transmission lines supported by a tower base of 66 KV and above, and not for sub-transmission and distribution lines below 66 KV:-

- (i) Compensation @ 85% of land value as determined by District Magistrate or any other authority based on Circle rate/ Guideline value/ Stamp Act rates for tower base area (between four legs) impacted severely due to installation of tower/pylon structure;

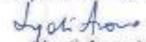
— / —

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

- (ii) Compensation towards diminution of land value in the width of Right of Way (RoW) Corridor due to laying of transmission line and imposing certain restriction would be decided by the States as per categorization/type of land in different places of States, subject to a maximum of 15% of land value as determined based on Circle rate/ Guideline value/ Stamp Act rates;
- (iii) In areas where land owner/owners have been offered/ accepted alternate mode of compensation by concerned corporation/ Municipality under Transfer Development Rights (TDR) policy of State, the licensee /Utility shall deposit compensation amount as per (i) & (ii) above with the concerned Corporation/ Municipality/ Local Body or the State Government.
- (iv) For this purpose, the width of RoW corridor shall not be more than that prescribed in the table at **Annex-2** and shall not be less than the width directly below the conductors.
3. Necessary action may kindly be taken accordingly. These guidelines may not only facilitate an early resolution of RoW issues and also facilitate completion of the vital transmission lines through active support of State/ UT administration.
4. All the States/UTs etc, are requested to take suitable decision regarding adoption of the guidelines considering that acquisition of land is a State subject.

Yours faithfully,


(Jyoti Arora)

Joint Secretary (Trans.)
Tele: 011-2371 0389

Copy, along with enclosure, forwarded to the following:

1. Secretaries of Government of India (Infrastructure Ministries/Deptt including MoEF - As per attached list)
2. Prime Minister's Office (Kind Attn: Shri Nripendra Mishra, Principal Secretary to PM).
3. Technical Director, NIC, Ministry of Power with the request to host on the website of Ministry of Power.

Copy to PS to Hon'ble MoSP (IC) / Secretary (Power) / AS (BNS) / AS (BPP) / All Joint Secretaries/EA/ All Directors/DSs, Ministry of Power.

- 2 -

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

GOVERNMENT OF ASSAM
POWER (ELECTRICITY) DEPARTMENT
DISPUR, GUWAHATE-6

NOTIFICATION

Dated Dispur the 10th March, 2017

No. PFI-219/2015/21. The Governor of Assam is pleased to notify the following rates for payment of compensation towards damages in regard to Right of Way for transmission lines. In accordance with the Guidelines of Ministry of Power, Govt. of India, vide Ref. No. 03/07/2015-Trans, dtd. 15.10.2015 for maintaining uniformity in compensation payment to the affected land owners during construction of transmission lines, it has been decided that a similar payment methodology towards compensation shall also be adopted in the State of Assam. These guidelines of payment methodology of compensation towards "damages" as stipulated in Section 57 & 68 of the Electricity Act, 2003 read with Section 10 and 16 of Indian Telegraph Act 1885 shall be in addition to the compensation towards normal crop and tree damages. This amount will be payable only for transmission lines supported by tower base of 66 KV and above, and not for sub-transmission and distribution lines below 66KV.

- * Compensation @85% of land value as determined by Deputy Commissioner / HTC or any other competent authority based on Circle rate / Guideline value / Stamp Act rates for tower base area (between four legs at ground level) impacted severely due to installation of tower / pylon structure.
- * Compensation towards diminution of land value in the width of Right of Way (ROW) corridor due to laying of transmission line and imposing certain restriction at a maximum rate of 15% of land value as determined by Deputy Commissioner or any other competent authority based on Circle rate / Guideline value / Stamp Act rates.

For this purpose, the width of ROW corridor shall not be more than that prescribed in table at Annexure I and shall not be less than the width directly below the conductors.

- * In areas where land owner / owners have been offered / accepted alternate mode of compensation by concerned corporation / Municipality under Transfer Development Rights (TDR) policy of State, the licensee/utility shall deposit compensation amount as per (i) & (ii) above with the concerned Corporation / Municipality / Local Body or the State Government.

The above guidelines shall be effective from the date of issuance of the above mentioned Government of India guidelines and shall be applicable for only those new transmission line / projects where construction have started after this date, i.e. 15.10.2015. This guideline shall not be applicable for existing transmission lines which are already in service or under construction before the aforesaid date, or for maintenance of any existing transmission line.

[Handwritten signature]

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Annexure J

ROW width for different voltage lines*

Transmission Voltage	Width of Right of Way (in Meters)
66KV	18
110 KV	22
132KV	27
220 KV	35
400KV S/C	46
400KV D/C	46
+/-500KV HVDC	52
765 KV S/C (with delta configuration)	64
765 KV D/C	67
+/-800KV HVDC	69
1200 KV	89

* Width of Right of Way is as per Ministry of Environment & Forests (MoEF) guidelines dtd. 05.05.2014.

This issues with the concurrence of Revenue & Disaster Management Department, Govt. of Assam, as well as the Finance Department, Govt. of Assam.

-Sd/-

(Sri. Rajiv Kr. Bora, I.A.S.)
Additional Chief Secretary to the Govt. of Assam,
Power (Electricity), etc. Department

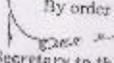
Dated Dispur the 10th March, 2017

Memo No. PRL.219/2015/91-A

Copy to:

- (1) The Managing Director, Assam Electricity Grid Corp. Ltd. (AEGCL), Bijules Bhawan, Guwahati - 1
- (2) The Executive Director, Power Grid Corp. of India Ltd. (PGCIL), Monal Tower, Dispur, Guwahati - 6
- (3) P.S. to Hon'ble Chief Minister, Assam, Dispur, Guwahati - 6
- (4) P.S. to Hon'ble Minister of State, Assam, Power, etc., Dispur, Guwahati - 6
- (5) P.S. to the Addl. Chief Secretary to the Govt. of Assam, Revenue & Disaster Management Department, Department, Dispur, Guwahati - 6
- (6) P.S. to the Chairman, APDCL, AEGCL, APGCL, Bijules Bhawan, Guwahati - 1
- (7) P.S. to Secretary to the Govt. of Assam, Power (Elect.), etc. Department, Dispur, Guwahati-6
- (8) The Director, Assam Government Press, Bomunimaidam, Guwahati-21, Assam, for necessary action.

By order etc.,


Joint Secretary to the Govt. of Assam,
Power (Elect.) Deptt.

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix 8-New Guideline of Ministry of Power, Govt. Of India (Ref No. 3/4/2016-Trans-Part (4) Dated 14.06.2024) & Government of Assam Power Department Dispur, Guwahati-6 Notification Dated Dispur the 04-11-2024 For Payment of Compensation for Transmission Line

F.No. 3/4/2016-Trans-Part(4)
Government of India
Ministry of Power
Shram Shakti Bhavan, New Delhi –110 001.

Dated: 14.06.2024

To

1. Chief Secretaries/Administrators of all the States/UTs.
2. Chairperson, CEA, New Delhi – with a request to disseminate the subject guidelines to all the stakeholders.
3. Additional Chief Secretaries/Principal Secretaries/Secretaries of Energy of all States/UTs.
4. Secretary, CERC, New Delhi.
5. CMD, Grid India, New Delhi.
6. COO, CTUIL, Gurugram.
7. CMDs of State Power Utilities/SEBs.
8. All Transmission Licensees through COO, CTUIL

Subject: Guidelines for payment of compensation in regard to Right of Way (RoW) for transmission lines.

Reference: (i) MoP letter No. 3/7/2015-Trans dated 15.10.2015
(ii) MoP letter No. 3/4/2016-Trans dated 16.07.2020
(iii) MoP letter No. 3/4/2016-Trans-Part (1) dated 27.06.2023

Sir,

The Ministry of Power, as referenced above, has issued Guidelines for the payment of Right of Way (RoW) compensation concerning transmission lines including those in urban areas. It is imperative to address the RoW issues effectively to expedite the construction of transmission lines and ensure timely completion.

2. After careful consideration of the matter, the Central Government has issued the following guidelines for determining compensation for damages regarding the RoW for laying transmission lines under Sections 67 and 68 of the Electricity Act, 2003, read with Sections 10 and 16 of the Indian Telegraph Act, 1885, in addition to the compensation for normal crop and tree damages. These guidelines are issued in supersession of the earlier guidelines mentioned in the references above.

COMPENSATION GUIDELINES FOR TRANSMISSION LINES

(1) **Applicability:** The compensation shall be payable only for transmission lines supported by a tower base of 66 kV voltage level and above, and not for sub-transmission and distribution lines below 66 kV.

(2) **Authority for determination of Compensation:** District Magistrate/District Collector/Deputy Commissioner shall be the authority for determining the compensation.

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Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

(3) **Determination of Compensation:** The compensation shall ordinarily be based on the Circle rate/Guideline value/Stamp Act rates of the land, except where the market rate exceeds the Circle rate/Guideline value/Stamp Act rates. In such instances, the land value shall be determined based on the prevailing market rate as ascertained by the District Magistrate/District Collector/Deputy Commissioner in the manner as may be specified by the State Government. The determined land value shall serve as the basis for compensation and shall be promptly communicated by the respective District Magistrate/District Collector/Deputy Commissioner.

(4) **Tower Base Compensation:** Compensation for the tower base area shall be 200% of the land value. The tower base area shall be the area enclosed by the four legs of the tower at ground level, plus an additional one (1) meter extension on each side.

(5) **RoW Corridor Compensation:** The compensation amount for Right-of-Way (RoW) corridor shall be 30% of the land value. Land within the RoW corridor, as defined in Schedule VII of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 (**Annex-I**), shall be eligible for compensation. This compensation will address the potential diminution of land value due to the presence of overhead lines or underground cables within the RoW corridor. No construction activity of any kind would be permitted within the RoW of the transmission line. States/UTs may decide higher rate depending on the area and urgency of the work.

(6) **Alternate Compensation:** In areas where land owner/owners have been offered/accepted alternate mode of compensation by Corporation/Municipality concerned under Transfer of Development Rights (TDR) policy of the State/UT, the licensee /utility shall deposit compensation amount as per (4) to (5) above with the Corporation/ Municipality/ Local Development Authority or the State Government concerned.

(7) **Areas with RoW constraints:** When laying transmission lines in areas with RoW constraints, various technologies can be considered to optimize the use of space. These technologies are outlined in the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022. Some options include: steel pole structures, narrow-based lattice towers, multi-circuit and multi-voltage towers, single-side stringing with lattice or steel poles, XLPE underground cables, Gas Insulated Lines (GIL), compact towers with insulated cross arms, Voltage Source Converter (VSC) based High Voltage Direct Current (HVDC) systems, and more. A cost matrix comparing these technologies is attached in **Annex-II** for reference by implementing agencies. This matrix can help them choose the most cost-effective option for each project.

(8) **Landowner Identification:** During the check survey conducted at the execution stage, the names of landowners whose property falls within the transmission line's Right-of-Way (RoW) will be documented. This process shall adhere to the Regulation 84(8) of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022.

John

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

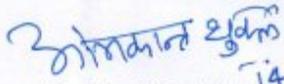
(9) **Compensation Payment:** Compensation payment shall be one-time and upfront. Whenever possible, compensation will be paid through various digital payment methods, such as the Aadhaar Enabled Payment System (AEPS) and Unified Payments Interface (UPI).

(10) **Standard Operating Procedure (SOP):** States/UTs and transmission developers should refer to the Standard Operating Procedure (SOP) at **Annex-III** for detailed guidelines.

3. The States/UTs may adopt these guidelines in their entirety or issue their own modified guidelines. In the absence of State Government guidelines, these guidelines issued by the Central Government shall apply for determining compensation.

4. This issues with the approval of the Minister of Power.

Yours faithfully,


(Om Kant Shukla)
Director (Trans)
Tele: 011- 23716674.
14/06/24

Copy to:

1. Secretaries to the Government of India.
2. Prime Minister's Office.
3. Technical Director, NIC, Ministry of Power – with the request to upload on the website of Ministry of Power.
4. PS to MoP.
5. Addl. PS to MoSP.
6. Sr. PPS/ PPS/ PS to Secretary (Power)/ AS(Trans)/ JS&FA/ AS (IC)/ All Joint Secretaries/ EA/ All Directors/ Deputy Secretaries, Ministry of Power.

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

ASSAM GOVERNMENT NOTIFICATION

PEL-11028/102/2024-POWER(E)-Power Department

1/798500/2024



GOVERNMENT OF ASSAM
POWER DEPARTMENT
DISPUR :: GUWAHATI-06

Block-A, 4th floor, Janata Bhawan

email:- power.assam@assam.gov.in :: website: <https://power.assam.gov.in>

NOTIFICATION

Dispur the 04-11-2024

No.PEL.510851/30:- The Governor of Assam is pleased to notify the guidelines for payment of compensation towards damages in regard to Right of Way for transmission lines including those in urban areas. In accordance with Guidelines of Ministry of Power, Govt. of India, vide Ref No. 3/4/2016-Trans-Part(4) dated 14.06.2024 for maintaining uniformity in compensation payment to the affected land owners during construction of transmission lines, it has been decided that a similar payment methodology towards compensation shall also be adopted in the State of Assam. These guidelines for determining compensation for damages regarding the RoW for laying transmission lines as stipulated in Section 67 & 68 of the Electricity Act' 2003 read with Section 10 and 16 of Indian Telegraph Act 1885 shall be in addition to the compensation for normal crop and tree damages. The guidelines are as follows :-

1. **Applicability:** The compensation shall be payable only for transmission lines supported by a tower base of 66 kV voltage level and above, and not for sub-transmission and distribution lines below 66 kV.
2. **Authority for determination of Compensation:** District Commissioners shall be the authorities for determining the compensation.
3. **Standard Operating Procedure (SOP):** The standard operating procedure(SOP) issued vide OM dated 18/10/2024 by Revenue & Disaster Management Department, Government of Assam at Annexure-III, is to be followed for determination of compensation and issue of 'Right of Way'.
4. **Tower Base Compensation:** Compensation for the tower base area shall be 200% of the land value. The tower base area shall be the area enclosed by the four legs of the tower at ground level, plus an additional one (1) meter extension on each side.
5. **RoW Corridor Compensation:** The compensation amount for Right-of-Way (RoW) corridor shall be 30% of the land value. Land within the RoW corridor, as defined in Schedule VII of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 (Annexure-I), shall be eligible for compensation. This compensation will address the potential diminution of land value due to the presence of overhead lines or underground cables within the RoW corridor. No construction activity of any kind would be permitted within the RoW of the transmission line.
6. **Areas with RoW constraints:** When laying transmission lines in areas with RoW constraints, various technologies can be considered to optimize the use of space. These technologies are outlined in the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022. Some options include: steel pole structures, narrow-based lattice towers, multi-circuit and multi-voltage towers, single-side stringing with lattice or steel poles, XLPE underground cables, Gas Insulated Lines (GIL), compact towers with insulated cross arms, Voltage Source Converter (VSC) based High Voltage Direct Current (HVDC) systems, and more. A cost matrix comparing these technologies

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

1028/102/2024-POWER(E)-Power Department

1/798500/2024

- is attached in Annexure-II for reference by implementing agencies. This matrix shall help choose the most cost-effective option for each project.
7. Landowner Identification: During the check survey conducted at the execution stage, the names of landowners whose property falls within the transmission line's Right of Way (RoW) will be documented. This process shall adhere to the Regulation 84(8) of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022.
 8. Compensation Payment: Compensation payment shall be one-time and upfront. Whenever possible, compensation will be paid through various digital payment methods, such as the Aadhaar Enabled Payment System (AEPS) and Unified Payments Interface (UPI).

These guidelines will be effective for the projects which have started on or after 14/06/2024 i.e. the date of issue of the new Government of India Guidelines. The projects where already construction has started before 14/06/2024 will not fall in the purview of this notification and earlier notifications are to be followed for those projects.

These guidelines are issued in suppression of this departments earlier notification No. PEL.219/2015/91 dated 10th March, 2017.

This is issued with the concurrence of Revenue & Disaster Management Department, Govt. of Assam, as well as the Finance Department, Govt. of Assam.

Sd/-
(Dr. K.K. Dwivedi, IAS)
Principal Secretary to the Govt. of Assam
Power Department.

Dated Dispur the 04-11-2024

Memo No. No.PEL.510851/30-A
Copy to:-

1. The Principal Accountant General (A&E), Assam, Maidamgaon, Beltola, Ghy-29.
2. The Chaiman, APDCL/ AEGCL/ APGCL, Bijulee Bhawan, Paltanbazar, Guwahati.
3. The Managing Director, APDCL/ AEGCL/ APGCL, Bijulee Bhawan, Paltanbazar, Guwahati.
4. The Secretary, Assam Electricity Regulatory Commission, Sixmile, Guwahati
5. The Secretary Co-ordination, O/o the Chief Secretary, Assam, Dispur for information
6. The Executive Director, Power Grid Corporation of India Ltd. (PGCIL), Monal Tower, Dispur, Guwhati-06.
7. The Principal Secretary, BTC/KAAC/ DHAC.
8. All District Commissioners, Assam.
9. P.P.S. to Hon'ble Chief Minister, Assam, Dispur, Guwhati-06.
10. The Director, Assam Government Press, Bamunimaidam, Guwhati-21, Assam, for necessary action.
11. P.S. to Principal Secretary to the Govt. of Assam, Revenue & Disaster Management Department, Dispur, Guwhati-06.
12. P.S. to Commissioner & Secretary to the Govt. of Assam, Finance Department, Dispur, Guwhati-06.
13. P.A. to Secretary to the Govt. of Assam, Power Department, Dispur, Guwahati-6.

By order etc.,

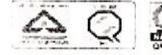
Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix 9- Sample copy of Notice cum Compensation Certificate to Landowner(s) of LILO of 220 kV Mirza Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon and Nagaon2 Transmission Line



ASSAM ELECTRICITY GRID CORPORATION LIMITED
REGD. OFFICE: 1st Floor Bijulee Bhawan, Paltan Bazar, Guwahati-781001
CIN : U40101AS2003SGC007238



Ph: 0361-2739520 / Fax: 0361-2739513. Web-www.aegcl.co.in

Notice

AP- 5X

Dated: 25/03/25

Dear Sir/Madam,

In exercise of power vested with Assam Electricity Grid Corporation Limited, Govt. Of Assam, Under Part-III of Indian Electricity Act and C1-164/CL-68(6) of part-VIII to the Indian Electricity Act 2003 as amended up to date and in line with the Notice issued from the Deputy Commissioner Office, Kamrup (R) vide notice no.F 1223 MJ-34/1/2022-KMJ dated Amingaon, the 21st March, 2025 notice is hereby given that 220 kV transmission LILO line from existing Agia to Mirza LILO Line connecting to Chhaygaon Grid substation will pass over your property noted hereunder.

While due care will be taken to minimize damage to standing trees and crops and other tangible property damage like house, boundary wall etc. and any part thereof, certain unavoidable damages is likely during construction/erection of the above line. Compensation for the yield component of trees so felled and the crops damaged will be paid to you as per rates of competent Departments of Govt. of Assam and after being verified by Revenue Department. Any damage caused to house, boundary wall etc. will also be paid after being assessed and verified by Revenue Department. Land use will be compensated as per prevalent Govt. norms.

Additionally, you are informed that no tall trees or structures such as houses would be planted or constructed under the said transmission line in the nearby future.

Assistant General Manager, A.E.G.C.L
400/220 kV substation
A.E.G.C.L, Kamrup

- 1. Name of the Revenue Circle and District: *Chhaygaon Kamrup (R)*
- 2. Name of the village: *2 No. Sambasi*

Land owner Signature *Saiduddin Ahmed*
Date: *25/03/25* *76360 58416*

Copy to:

- 1. DC Office Kamrup (R) Assam
- 2. Circle Office Chhaygaon, Kamrup(R)
- 3. CGM PP&D A.E.G.C.L
- 4. DGM T&T Circle Mirza

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT



ASSAM ELECTRICITY GRID CORPORATION LIMITED
REGD. OFFICE: 1st Floor Bijulee Bhawan, Paltan Bazar, Guwahati-781001
CIN : U40101AS2003SGC007238



Ph: 0361-2739520 / Fax: 0361-2739513. Web-www.aegcl.co.in

Notice

AP-4x

Dated: 28/03/25

Dear Sir/Madam,

In exercise of power vested with Assam Electricity Grid Corporation Limited, Govt. Of Assam Under Part-III of Indian Electricity Act and CI-164/CL-68(6) of part-VIII to the Indian Electricity Act 200 as amended up to date and in line with the Notice issued from the Deputy Commissioner Office, Kamrup (F vide notice no.E 1223 MJ-34/1/2022-KMJ dated Amingaon, the 21st March, 2025 notice is hereby given that 220 kV transmission LILO line from existing Agia to Mirza LiLo Line connecting to Chaygaon Gri substation will pass over your property noted hereunder.

While due care will be taken to minimize damage to standing trees and crops and other tangible property damage like house, boundary wall etc. and any part thereof, certain unavoidable damages is like during construction/erection of the above line. Compensation for the yield component of trees so felled and the crops damaged will be paid to you as per rates of competent Departments of Govt. of Assam and after being verified by Revenue Department. Any damage caused to house, boundary wall etc. will also be paid after being assessed and verified by Revenue Department. Land use will be compensated as per prevalent Govt. norms.

Additionally, you are informed that no tall trees or structures such as houses would be planted constructed under the said transmission line in the nearby future.

Assistant General Manager, A.E.G.C.L.
400/220 kV substation
A.E.G.C.L., Kamrup

1. Name of the Revenue Circle and District: Chaygaon Kamrup (R)
2. Name of the village: 2 No - Jambari

Ajit Ali
Land owner Signature

Date: 28/03/25

Copy to:

1. DC Office Kamrup (R) Assam
2. Circle Office Chhaygaon, Kamrup(R)
3. CGM PP&D A.E.G.C.L.
4. DGM T&T Circle Mirza

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Sample copy of Notice cum Compensation Certificate to Landowner(s) of LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)



ASSAM ELECTRICITY GRID CORPORATION LIMITED
 O/o THE ASSISTANT GENERAL MANAGER, NAGAON T&T DIVISION, AEGCL, SAMAGURI-782140
 Mail id: agm.nagaon@aegcl.co.in
 Construction of 220/33 kV GSS along with EHV lines under AISTSEP funded by AHB (Pkg-B)
 EPC Contractor: M/s RS Infraprojects Pvt Ltd JV with M/s Siemens Limited

NOTICE CUM COMPENSATION CERTIFICATE TO LAND OWNER(S)
 (Subjected to verification by Revenue Authority)

Serial no. AEGCL/AGM T&T/NGN T-188/2025

Date: 08/04/2025

To, Mr. Mrs. তিনিম লাক্ষ্মী দেবী S/D/W/o. স/ও. লিখন কৈউৰ্ত
 Village ভেলিয়া বৰুৱা Circle নায়কৈ জং
 P.S. শ্যামলী (জং) District নৈমিত্ত (জং)

Subject: Construction of 220kV D/C LILO Line connecting 220/33kV Nagaon-II GSS under AISTSEP funded by AHB (Pkg-B)

Sir/Madam,

Under the power vested under Section 68 & 164 of the Indian Electricity Act 2003 read with part III of Indian Telegraph Act, 1885 and the Central Electricity Authority (measures related to safety and electric supply) Regulation, 2010; a notice is hereby served that will go through your property as mentioned below:

Sl. no.	Tower loc. no. /span	Details of damages during construction of the line			Remarks (if any)
		Details of land (Dag no. & Patta no.)	Description of land	Area of affected land	
	262 Loc No	269 → Dag No 76 → Patta No	Bar land বাৰী	9.63 bera	

The compensation of Land and Zirat will be paid to you only after field verification by concerned Revenue Officials and approval by the Circle Officer or any other competent authority specified by the GoA. Vide. PEL-219/2015/91, dtd. 10th March, 2017.

Received notice with consent for work

For and on behalf of AEGCL and M/s RS Infraprojects Pvt. Ltd.

✓ Gilvin Dahi
 Sign. of affected land owner.

Sign. of M/s RS Infraprojects Pvt. Ltd.
 Seal. [Signature]

Sign. of [Signature]
 Assistant Manager
 Nagaon T&T Division
 AEGCL, Samaguri

VERIFICATION BY REVENUE AUTHORITY

Certified that the land under Dag no./Patta no. of village
 Circle.....Dist..... Pin....., Assam belong
 to Mr./Mrs. S/D/W/o..... He/She is the sole/
 shared ownership of the above mentioned land.

Sign & Seal of Circle Officer/Revenue Authority

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Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

taking Consent for Tower Footing work from the Affected landowners of Chhaygaon and Nagaon2 Transmission Line

Minutes of Meeting

Date: 26/05/2025

Grant of Consent for Tower Foundation Work and Compensation Update

Venue of the meeting... Paneri Village

Project: Construction LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon transmission line under the Assam Intra-State Transmission System Enhancement Project.

Discussion and Resolutions:

1. Issue related to the Compensation of tower base area:

The affected landowner was informed that the Government of Assam has adopted a new compensation guideline through its Notification dated 04-11-2024. As per the revised guideline, the compensation for the tower base area has been increased to 200% of the land value, replacing the earlier rate of 85%. The delay in disbursement of compensation is due to the ongoing process of recalculating compensation in accordance with the new guideline, along with other necessary official procedures. AEGCL is in continuous coordination with the District Administration to expedite the finalization and release of the compensation.

2. Consent for Tower Foundation Work:

The affected landowners of Paneri and 2 no. Jambari villages, under the jurisdiction of Chhaygaon Revenue Circle, Chhaygaon have expressed their full consent for the initiation of tower foundation works for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon transmission line. The landowners confirmed that they have no objection to the use of their land for this purpose, provided that compensation is paid prior to the erection of the towers.

3. Disbursement Mechanism:

Once the compensation details are finalized by the Revenue Department and the report is submitted to the AEGCL PIU and EPC Contractor, the compensation amount will be disbursed directly to the affected landowners through the established procedure.

4. Community Assurance:

The PIU, PMC and EPC Contractor assured the landowners of timely updates on the compensation status and reaffirmed that all actions will be carried out in compliance with the approved Environmental and Social Management Planning Framework (ESMPF) of the project.

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

The community members present acknowledged the communication and agreed to cooperate with the ongoing construction activities.

The meeting was formally concluded with the Chair expressing a vote of thanks to all participants for their presence and valuable contributions.

Members Present:

- Representatives from AEGCL / PIU

[Handwritten signature]
24/05/25

- PMC representative

Kaushik Das

Asstt. General Manager
400kV Mirza GSS
AEGCL Mirza

- EPC Contractor

[Handwritten signature] (Senior Engineer)

- Affected Landowners and Local Stakeholders

[Handwritten signature] (Affected Person)

Rojak Ali (Affected Person)

[Handwritten signature] (Stake Holder)

Somiram All (Stake Holder)

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Minutes of Meeting

Date: 26/05/2025

Grant of Consent for Tower Foundation Work and Compensation Update

Venue of the meeting..... 2 no. Jambaru Village

Project: Construction LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon transmission line under the Assam Intra-State Transmission System Enhancement Project.

Discussion and Resolutions:

- 1. Issue related to the Compensation of tower base area:**

The affected landowner was informed that the Government of Assam has adopted a new compensation guideline through its Notification dated 04-11-2024. As per the revised guideline, the compensation for the tower base area has been increased to 200% of the land value, replacing the earlier rate of 85%. The delay in disbursement of compensation is due to the ongoing process of recalculating compensation in accordance with the new guideline, along with other necessary official procedures. AEGCL is in continuous coordination with the District Administration to expedite the finalization and release of the compensation.
- 2. Consent for Tower Foundation Work:**

The affected landowners of Paneri and 2 no. Jambaru villages, under the jurisdiction of Chhaygaon Revenue Circle, Chhaygaon have expressed their full consent for the initiation of tower foundation works for the LILO of 220kV Mirza – Boko – Azara (AEGCL-Existing) D/C Line at Chhaygaon transmission line. The landowners confirmed that they have no objection to the use of their land for this purpose, provided that compensation is paid prior to the erection of the towers.
- 3. Disbursement Mechanism:**

Once the compensation details are finalized by the Revenue Department and the report is submitted to the AEGCL PIU and EPC Contractor, the compensation amount will be disbursed directly to the affected landowners through the established procedure.
- 4. Community Assurance:**

The PIU, PMC and EPC Contractor assured the landowners of timely updates on the compensation status and reaffirmed that all actions will be carried out in compliance with the approved Environmental and Social Management Planning Framework (ESMPF) of the project.

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

The community members present acknowledged the communication and agreed to cooperate with the ongoing construction activities.

The meeting was formally concluded with the Chair expressing a vote of thanks to all participants for their presence and valuable contributions.

Members Present:

- Representatives from AEGCL / PIU

Asst. GM
24/05/24
Asstt. General Manager
400KV Mirza GSS
AEGCL.Mirza

- PMC representative

Kaushik Das (

- EPC Contractor

Mirza (Senior Engineer)

- Affected Landowners and Local Stakeholders

বৈষ্ণব বসু (Affected Person)
সত্যজিৎ বসু (Affected Person)
সত্যজিৎ বসু (Affected Person)
Saituddin (Affected Person)

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Minutes of the Meeting for taking Consent for Tower Footing work from the Affected landowners of Nagaon-2 Transmission Line

Minutes of Meeting

Date: 28/05/2025

Grant of Consent for Tower Foundation Work and Compensation Update

Venue of the meeting: Teliagaon, Nagaon

Project: Construction of LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) transmission line under the Assam Intra-State Transmission System Enhancement Project.

Discussion and Resolutions:

- 1. Issue related to the Compensation of tower base area:**
The affected landowner was informed that the Government of Assam has adopted a new compensation guideline through its Notification dated 04-11-2024. As per the revised guideline, the compensation for the tower base area has been increased to 200% of the land value, replacing the earlier rate of 85%. The delay in disbursement of compensation is due to the ongoing process of recalculating compensation in accordance with the new guideline, along with other necessary official procedures. AEGCL is in continuous coordination with the District Administration to expedite the finalization and release of the compensation.
- 2. Consent for Tower Foundation Work:**
The affected landowners of Teliagaon villages, under the jurisdiction of Nagaon Sadar Revenue Circle, Nagaon have expressed their full consent for the initiation of tower foundation works for the LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220kV D/C Line at Nagaon-2 (AEGCL-New) transmission line. The landowners confirmed that they have no objection to the use of their land for this purpose, provided that compensation is paid prior to the erection of the towers.
- 3. Disbursement Mechanism:**
Once the compensation details are finalized by the Revenue Department and the report is submitted to the AEGCL PIU and EPC Contractor, the compensation amount will be disbursed directly to the affected landowners through the established procedure.
- 4. Community Assurance:**
The PIU, PMC and EPC Contractor assured the landowners of timely updates on the compensation status and reaffirmed that all actions will be carried out in compliance with the approved Environmental and Social Management Planning Framework (ESMPF) of the project.

[Handwritten signatures and dates: 28/5/25]

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

The community members present acknowledged the communication and agreed to cooperate with the ongoing construction activities.

The meeting was formally concluded with the Chair expressing a vote of thanks to all participants for their presence and valuable contributions.

Members Present:

- Representatives from AEGCL / PIU

S. Saha
28/5/25

- PMC representative

✓ *Abhishek*
28/5/25

✓ *Nitu Moni Sarma*

- EPC Contractor

Sudip Saha
28/5/25

- Affected Landowners and Local Stakeholders

✓ *padum Saikia*

✓ *Junmankaiter (Ganprethar Telingon)*

✓ *Marami Saikia w/o Giritim Saikia*

✓ *Narayan Barua*

Kurvil Barua

Abbreviated Resettlement Action Plan

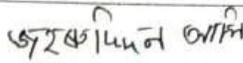
ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix-11: Attendance sheet for taking Consent for Tower Footing work from the Affected landowners for Chhaygaon & Nagaon2 Transmission Line



ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT
Attendance Sheet of Public Consultation

Venue: 2 no. Jambani Village. Date: 26/05/2025

Sl. No.	Name	Sex	Occupation	Signature
1	Jahakuddin	M	Business	
2	Rajak Ali	M	Govt Service	Rajak Ali
3	Nilchan Ali	M	Farmer	
4	Somim Ali	M	Pvt. Service	Somim Ali

Abbreviated Resettlement Action Plan

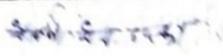
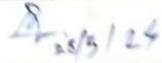
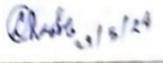
ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Attendance sheet for taking Consent for Tower Footing work from the Affected landowners for Nagaon Transmission Line


ASSAM INTRA-STATE TRANSMISSION SYSTEM ENCHMENT PROJECT
 Attendance Sheet of Public Consultation



Name of Sub-Project: ISTSE Project (Line of Samaguri AEGCL Existing Sweatjai D/C Line)
 Date: 28/5/2025 Venue: Talia Gaon

Sl No.	Name	Occupation	Age	Sex	Signature
1	Dheerani Dhare Deka	Farm &c	67	MC	
2	Bikash Joti	Govt. Service	32	M	
3	Dabranjan Mirza	Pvt. Service	47	M	
4	Subir Sutradhar	Pvt. Service	32	M	Subir Sutradhar
5	Padom Saikia	Pvt. Service	38	M	Padom Saikia
6	Narayan Bora	Pvt. Service	70	M	Narayan Bora
7	Mareni Saikia	House wife	40	F	Mareni Saikia
8	Nitu Mani Swarna	Pvt. Service	40	M	Nitu Mani Swarna

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix 12-ROW Permission of LILO of 220 kV Mirza Boko - Azara (AEGCL-Existing) D/C Line at Chhaygaon & Nagaon2 Transmission Line

1/310271/2025


GOVERNMENT OF ASSAM
OFFICE OF THE DISTRICT MAGISTRATE:::KAMRUP:::AMINGAON
(MAGISTRACY BRANCH)
Email: dc-kamrup@nic.in Phone No: 0361-2684404 Fax: 0361-2684405
E 1223 MJ-34/1/2022-KMJ Dated Amingaon, the 21st March, 2025

ORDER

Perused the verification reports submitted by the Circle Officer, Chhaygaon Revenue Circle vide No. CHR/18/2023/369 dated 11/03/2025 in connection with "Right of Way (RoW)" permission for construction and erection of 220KV Tower along with Stringing of LILO Transmission power line.

Also perused the letter vide no. AEGCL/AGM(P)/ChaygaonGSS/Tech-1/2024/18(a), dated 13/02/2025 received from the Assistance General Manager (Operation), 400Kv Kukurmara, AEGCL, wherein it is informed that AEGCL (Assam Electricity Grid Corporation Ltd) has undertaken construction of 220kV/33kV Chaygaon Grid Substation (GIS) AIIB funded project and is on the verge of final stage of completion of the project work. However to feed this GIS (Gas insulated Substation), they have proposed a LILO (Line in Line out) route from the existing 220kV Agia-Mirza line. And through this letter the authority of AEGCL requested to the District Administration for "Right of Way (RoW)" permission for above-mentioned route (LILO (Line in Line out) route from the existing 220kV Agia-Mirza line).

Accordingly, in exercise of power conferred upon me under Sub-Section 2 of Section 12 of Indian Electricity Act 1910 r/w Section 16 of Indian Telegraph Act, 1885, "Right of Way (RoW)" is hereby accorded to the Assistance General Manager (Operation), 400 Kv Kukurmara, AEGCL for construction of aforesaid line subject to the alignment as shown in the Route Map and also subject to observance of all rules there under currently in force and in strict compliance of the provisions under Sub-Section 2 and 3 of Section 12 of Indian Electricity Act, 1979.

The AEGCL authority will arrange to circulate this order to the concerned Land Owners/Occupiers of the properties of the concerned area falling along the surveyed routes within Kamrup District and shall arrange for payment of compensation for surface damages, if any, to the affected Pattadars as per the provisions of law in force. The AEGCL authority should complete the survey and arrange for payment of land compensation to the Pattadars of land involved in course of the work with due intimation to the concerned Revenue Circle Officer.

Given under my hand and seal on this March, 2025.

e-signed
District Magistrate
Kamrup, Amingaon.
Dated Amingaon, the 21st March, 2025

Memo No. E 1223 MJ-34/1/2022-KMJ
Copy forwarded for Information and necessary action to:

- 1) The Chief General Manager (PP&D), AEGCL, Bijulee Bhawan.
- 2) The I/c, ADC, Land Acquisition Branch.
- 3) The DGM, 400KV Kukurmara, AEGCL.
- 4) The Assistant General Manager, 400Kv Kukurmara, AEGCL.
- 5) The Circle Officer, Chhaygaon Revenue Circle.
- 6) The Concerned Executive Engineer, PWRD.
- 7) The Officer In-Charge, Concerned Police Stations.
- 8) The DIPRO, Kamrup.

Digitally signed by
Deba Kumar Mishra
Date: 21-03-2025
District Magistrate
Kamrup, Amingaon.
District Magistrate
Kamrup, Amingaon

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

ROW Permission of LILO of Samaguri (AEGCL- Existing) –Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2 (AEGCL-New)

Handwritten notes:
Axe (Row)
May expedite the Row permission
04/04

ASSAM ELECTRICITY GRID CORPORATION LIMITED

OFFICE OF THE MANAGING DIRECTOR
Head Office (FIRST FLOOR) BIJULEE BHAWAN, PALTANBAZAR, GUWAHATI - 781001
PHONE: 0361-2739520 Web: www.aegcl.co.in, E-mail: pd.aiib@aegcl.co.in

Ref: AEGCL/MD/AIIB/Tower & TL/ROW/2025/04

Date: 08/04/2025

Sri Narendra Kumar Shah, IAS
District Commissioner
Office of the District Commissioner cum District Magistrate, Nagaon

Sub: Regarding RoW for the construction of 220KV LILO at Nagaon 2 GSS, Laogaon from the existing 220KV Samaguri-Jawaharnagar Transmission Line under AIIB funded Assam Intra State Transmission System Enhancement Project.

Sir,

As a part of Assam Intra State Transmission System Enhancement Project funded by Asian Infrastructure Investment Bank (AIIB), construction of a new 220/33kV Gas Insulated Substations at Nagaon-2 along with associate transmission lines is undertaken by AEGCL to improve the power infrastructure for delivering quality power to the people of the region. **The loan provided by the funding agency AIIB is time bound and the project have to be completed within the loan closing date else financial burden of the project will fall upon State Exchequer**

In this regard, I would request you to look into the matter and take needful action urgently for providing ROW for this Transmission Line, so that the work can be started at the earliest to utilize this working season.

Your kind intervention in expediting the Right of Way Permission for the 220kV LILO construction of 220KV LILO at Nagaon 2 GSS, Laogaon from the existing 220KV Samaguri-Jawaharnagar Transmission Line under AIIB funded Assam Intra State Transmission System Enhancement Project, would be greatly appreciated.

Encl: As above.

Yours faithfully,

(Signature)
Biswajit Pegu (IAS)
Managing Director, AEGCL

Memo No: AEGCL/MD/AIIB/Tower & TL/ROW/2025/04(A)
Copy to:

Date: 08/04/2025

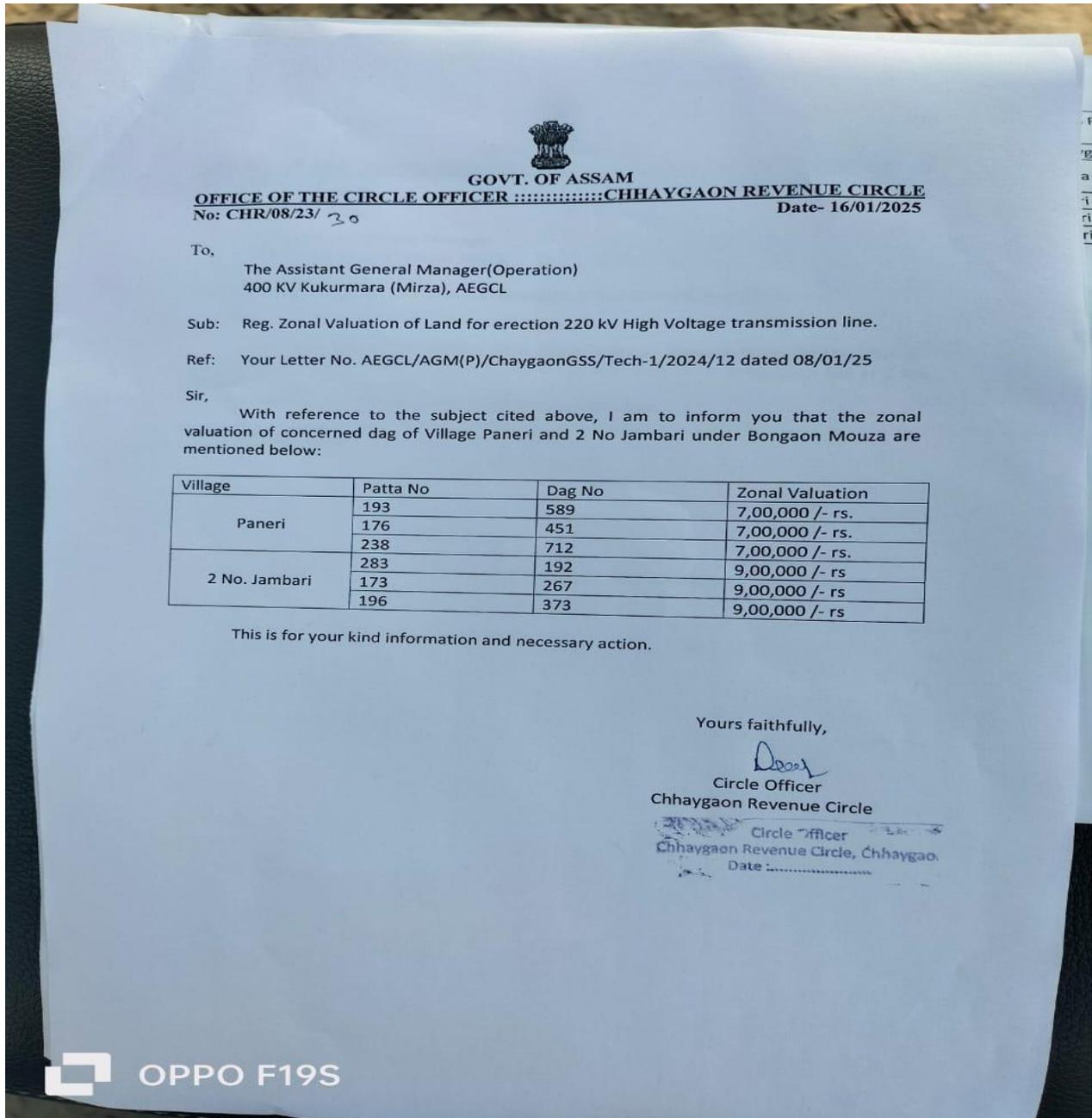
1. P.S. to the Principal Secretary to the Hon'ble CM, Assam for kind appraisal of Principal Secretary to the Hon'ble CM, Assam, Dispur, Guwahati-06
2. P.S. to the Principal Secretary to the Govt of Assam, Power(E) Department, Assam for kind appraisal of Principal Secretary to the Govt of Assam, Power(E) Department, Assam, Dispur, Guwahati-06.
3. The Circle officer, Nagaon Revenue Circle, Assam for information and necessary action.
4. The DGM, Tezpur T&T Circle, AEGCL, for necessary action
5. The AGM, Nagaon, AEGCL for necessary action.

(Signature)
Biswajit Pegu (IAS)
Managing Director, AEGCL

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix-13: The Zonal Value under Chhaygaon & Nagaon2 Revenue Circle area Villages



Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

The Zonal Value under Nagaon Sadar Revenue Circle area Villages

Niz Sahar	Teilagaon	Land located within 200 Mtr of NH /SH/ PWD Road.	2	2 nd Class Commercial	0.00	0.00	40%
			3	3 rd Class Commercial	1062303.90	1487225.46	40%
			4	1 st Class Residential	0.00	0.00	30%
			5	2 nd Class Residential	1011718.05	1315233.47	30%
			6	3 rd Class Residential	963541.25	1252603.63	30%
			7	Agriculture (foring)	893750.00	1117187.50	25%
			8	Agriculture (Sali,Lahi,Bau etc)	839843.75	1049804.69	25%
			Niz Sahar	Teilagaon	Land located beyond 200 Mtr of NH /SH/ PWD Road)	1	1 st Class Commercial
2	2 nd Class Commercial	0.00				0.00	40%
3	3 rd Class Commercial	1019810.40				1427734.56	40%
4	1 st Class Residential	0.00				0.00	30%
5	2 nd Class Residential	971248.95				1262623.64	30%
6	3 rd Class Residential	924999.60				1202499.48	30%
7	Agriculture (foring)	859375.00				1074218.75	25%
8	Agriculture (Sali,Lahi,Bau etc)	806250.00				1007812.50	25%
			1	1 st Class Commercial	0.00	0.00	40%
			2	2 nd Class Commercial	0.00	0.00	40%
			3	3 rd Class Commercial	775195.05	1065273.07	40%

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Appendix 14: Market rate of tree and crops for Chhaygaon & Nagaon2 TL

File No. RDM-11/40/2022-LA-REV-Revenue & D.M. (Computer No. 214009)
1/43970/2022 (Attachment : ZIRAT 2_0001.pdf)

**GOVERNMENT OF ASSAM
AGRICULTURE DEPARTMENT
JANATA BHAWAN, DISPUR, GUWHATI-06**

**NOTIFICATION
(ORDERS BY THE GOVERNOR)**

AGA.245/2019/Pt/6

Dated Dispur, the 12th July, 2022

The Governor of Assam is pleased to notify the Administrative Division wise Zirat rates for the State of Assam, which will be applicable for the purpose of compensation etc. for land acquisition by Government Organizations as per Annexure - A w.e.f. from the date of notification, i.e., 12th July, 2022.

Enclosure: Annexure - A
(Division wise Zirat rate for the State of Assam)

Sd/-

(Dr. Ashish Kumar Bhutani, IAS)
Addl. Chief Secretary to the Govt. of Assam & APC
Agriculture Department, Dispur, Guwahati-06
Dated Dispur the 12th July, 2022

Memo No. AGA.245/2019/Pt/6-A

Copy for information to:

1. All Addl. Chief Secretaries to the Govt. of Assam.
2. All Principal Secretaries to the Govt. of Assam.
3. All Commissioners & Secretaries to the Govt. of Assam.
4. All Divisional Commissioners to the Govt. of Assam.
5. All Principal Secretaries of Autonomous Councils.
6. All Deputy Commissioners.
7. Director of Agriculture, Assam.
8. Staff Officer to Chief Secretary, Govt. of Assam, Dispur, Guwahati-06 for kind appraisal of the Chief Secretary, Assam.
9. DIPR, Assam.
10. P.P.S. to Hon'ble Chief Minister of Assam for kind appraisal of the Hon'ble Chief Minister.
11. Director Printing and Stationery, Govt. Press, Bamunimaidam for publication in the Assam Gazette.
12. Director of Horticulture & F.P.
13. All the District Agriculture Officers.
14. P.S. to the Minister Agriculture, etc. for kind appraisal of the Hon'ble Minister.

By order etc.,

Grashyap

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

File No. RDM-11/40/2022-LA-REV-Revenue & D.M (Computer No. 214009)
 13/70/2022 (Attachment: ZIRAT 2_0001.pdf)

DIVISION WISE ZIRAT RATE FOR THE STATE OF ASSAM

Agriculture Department, Assam

Sl. No	Name of Plants	North Assam Division			Hills & Central Assam Division			Upper Assam Division			Lower Assam Division			Barak Val	
		Average Price (in Rs.)			Average Price (in Rs.)			Average Price (in Rs.)			Average Price (in Rs.)			Average P	
		Seedling	Medium	Fruit Bearing	Seedling	Medium	Fruit Bearing	Seedling	Medium	Fruit Bearing	Seedling	Medium	Fruit Bearing	Seedling	Medu
1	Betel Nut (Plant)	50	833	2533	95	1108	2679	181	800	1940	95	1108	2679	55	1690
2	Coconut (Plant)	407	3489	7453	471	3221	7768	782	4250	7600	471	3221	7768	225	1921
3	Betelnose (Plant)	23	733	1867	113	801	1857	257	1150	2130	113	801	1857	60	520
4	Blackpepper (Plant)	27	740	1300	93	692	1803	196	830	2660	93	692	1803	68	505
5	Mango (Plant)	100	3667	7333	212	2556	6298	302	2200	4760	212	2556	6298	235	1800
6	Jackfruit (Plant)	83	3633	7033	78	2278	6311	100	2375	5375	78	2278	6311	50	825
7	Lemon (Plant)	28	750	1350	130	653	2870	312	1010	2760	130	653	2870	50	200
8	Assam Lemon (Plant)	27	900	1433	106	717	2514	253	1000	2910	106	717	2514	40	250
9	Orange (Plant)	57	1933	3400	95	1353	4883	103	1500	7900	95	1353	4883	125	625
10	Sour Lime (Plant)	30	1133	2033	51	686	1719	93	525	1025	51	686	1719	30	400
11	Pomeelo (Plant)	50	1533	2633	180	1086	2764	315	650	1660	180	1086	2764	175	107
12	Litchi (Plant)	137	3867	3467	355	2734	4439	813	2860	5600	355	2734	4439	115	147
13	Pear (Plant)	40	1100	3400	311	1342	3908	822	2425	5925	311	1342	3908	70	500
14	Guava (Plant)	48	893	1800	128	894	2309	245	900	1926	128	894	2309	90	890
15	Pomegranate (Plant)	43	627	1133	104	757	2391	160	570	2040	104	757	2391	110	107
16	Date Palm (Plant)	38	690	1250	117	827	3039	98	617	3367	117	827	3039	215	117
17	Amberry (Plant)	30	750	1400	45	569	1779	75	558	2338	45	569	1779	30	400
18	Berry (Plant)	43	870	1800	46	544	1767	95	763	3500	46	544	1767	46	544
19	Plum (Plant)	40	550	1100	79	525	1796	162	575	2788	79	525	1796	35	250
20	Olive (Plant)	87	1920	3067	234	1453	3593	459	1388	3863	234	1453	3593	155	1050
21	Burmese grape (Plant)	20	350	1500	61	478	1996	139	685	2738	61	478	1996	25	400
22	Indian baer (Plant)	35	870	1900	319	1540	3754	791	2550	4963	319	1540	3754	130	1200
23	Carambola (Plant)	30	870	1830	99	1184	3032	158	1683	3267	99	1184	3032	110	1000
24	Tamarind (Plant)	25	1400	3600	187	1417	3913	485	2075	4763	187	1417	3913	50	770
25	Borthekera (Plant)	43	1113	2600	142	1109	2863	289	1140	2890	142	1109	2863	95	107
26	Elephant Apple (Plant)	43	1013	2200	71	1135	3356	100	1317	4467	71	1135	3356	70	107
27	Sugar Apple (Plant)	40	550	1200	84	892	2642	117	1125	3025	84	892	2642	95	1000
28	Amla (Plant)	45	1680	2900	132	1247	3119	305	1560	3600	132	1247	3119	45	500
29	Pinapple (Plant)	16	36	90	23	49	145	40	82	216	23	49	145	13	30
30	Margosa/Chinaberry (Plant)	20	300	1200	113	952	1842	170	1575	1475	113	952	1842	148	980

Signature
 of the
 Officer
 in Charge
 Revenue
 Division, 1

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

File No. RDM-11/40/2022-LA-REV-Revenue & D.M (Computer No. 214009)

43970/2022 (Attachment : ZIRAT_0001.pdf)

	62	1183	1890	96	1053	2397	95	1050	1850	96	1053	2397	130	925	
32	Bambusa nuda (Plant)	40	93	100	43	84	128	70	103	160	43	81	128	18	55
33	Bambusa pallida (Plant)	22	460	867	40	211	371	67	103	135	40	211	371	30	70
34	Bambusa tulosa (Plant)	32	490	907	63	244	456	107	150	238	63	244	456	50	93
35	Cinnamon (Plant)	20	320	1200	77	448	2683	117	450	4500	77	448	2683	95	575
36	Hay leaves (Plant)	25	400	1500	63	389	2272	88	333	2667	63	389	2272	75	435
37	Banana Plant (Plant)	51	193	307	84	249	529	120	355	780	84	249	529	80	200
38	Papaya (Plant)	23	307	633	69	342	1170	139	420	1328	69	342	1170	45	300
39	Sugar cane (bigha)	4200	20167	27000	12233	20167	41167	12500	28000	39000	12233	20167	41167	20000	32500
40	Jute (bigha)	14100	0	11950	4800	0	15950	0	0	35900	4800	0	15950	4800	0
41	Yam (bigha)	4502	6171	4525	3642	6171	8725	6425	18500	21650	3642	6171	8725	3642	6171
42	Brijal (bigha)	31000	10600	21500	16167	10600	25597	11500	16800	21790	16167	10600	25597	6000	15000
43	Chilli (bigha)	6283	10400	19900	6283	10400	26154	12600	18200	26063	6283	10400	26154	6250	13000
44	Ginger/Turmeric (bigha)	28500	8540	39400	15768	8540	36633	18500	25600	70460	15768	8540	36633	15768	8540
45	Pumpkin (bigha)	260	11667	12400	6187	11667	26103	10600	20000	30910	6187	11667	26103	7000	15000
46	Ash mourd (bigha)	960	2475	6230	1498	2475	10242	33	400	8095	1498	2475	10242	3503	7025
47	Bottle gourd (bigha)	960	2640	5230	1665	2640	10285	33	400	8200	1665	2640	10285	4003	7520
48	Chebulic myrobalan (Plant)	35	1900	4000	42	820	7700	90	560	19100	42	820	7700	42	820
49	Black Palm (Plant)	45	3500	11600	42	1300	4150	80	400	850	42	1300	4150	42	1300
50	Simulaloo (bigha)	3468	5270	11342	3468	5270	11342	10400	15800	34000	3468	5270	11342	3468	5270
51	Droomstick (Plant)	13	700	1600	142	928	7188	338	1333	17463	142	928	7188	75	750
52	Bitter gourd (bigha)	600	10333	22150	6283	10333	28675	10750	16000	32875	6283	10333	28675	7500	15000
53	Cucumber (bigha)	0	10233	8150	6100	10233	22539	10800	15700	29467	6100	10233	22539	7500	15000
54	Ladies finger (bigha)	12000	11333	13000	10867	11333	22929	12600	18000	24788	10867	11333	22929	8000	16000
55	Hog Palm (Plant)	30	1440	2100	50	573	893	120	280	580	50	573	893	50	573
56	Black gram (bigha)	4810	250	6600	6037	10717	16375	6550	18400	19025	6037	10717	16375	6750	13500
57	Paddy (bigha)	9000	0	9250	7300	9100	14722	6900	17800	20376	7300	9100	14722	6000	9500
58	Mustard (bigha)	14400	0	9800	9933	9200	13392	9900	18600	15875	9933	9200	13392	5500	9000
59	Wheat (bigha)	8400	0	10200	24541	5633	9011	65222	16900	16833	24541	5633	9011	24541	5633
60	Tomato (bigha)	31744	12333	65892	31744	12333	65892	31744	12333	65892	31744	12333	65892	31744	12333
61	Cabbage/Cauliflower (bigha)	28926	10003	21632	28926	10003	21632	28926	10003	21632	28926	10003	21632	28926	10003

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Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

Market rate of tree and crops for Nagaon District

GOVERNMENT OF ASSAM
AGRICULTURE DEPARTMENT
JANATA BHAWAN, DISPUR, GUWAHATI-06

NOTIFICATION
(ORDERS BY THE GOVERNOR)

AGA.245/2019/Pt/6

Dated Dispur, the 12th July, 2022

The Governor of Assam is pleased to notify the Administrative Division wise Zirat rates for the crops of Assam, which will be applicable for the purpose of compensation etc. for land acquisition by

DIVISION WISE ZIRAT RATE FOR THE STATE OF ASSAM
Agriculture Department, Assam

Annexure A

Sl. No	Name of Plants	Agriculture Department, Assam												Barak Valley Division		
		North Assam Division			Hills & Central Assam Division			Upper Assam Division			Lower Assam Division			Average Price (in Rs.)		
		Seedling	Medium	Fruit Bearing	Seedling	Medium	Fruit Bearing	Seedling	Medium	Fruit Bearing	Seedling	Medium	Fruit Bearing	Seedling	Medium	Fruit Bearing
1	Betel Nut (Plant)	50	833	2533	95	1108	2679	181	800	1940	95	1108	2679	55	1690	3565
2	Coconut (Plant)	407	3489	7483	471	3221	7768	782	4250	7600	471	3221	7768	225	1925	8150
3	Betelvine (Plant)	23	733	1867	113	801	1857	257	1150	2130	113	801	1857	60	520	1575
4	Blackpepper (Plant)	27	740	1300	93	692	1803	186	830	2660	93	692	1803	68	505	1450
5	Mango (Plant)	100	5667	7333	212	2556	6298	302	2200	4760	212	2556	6298	235	1800	6800
6	Jackfruit (Plant)	83	3633	7033	78	2278	5311	100	2375	5375	78	2278	5311	50	825	3525
7	Lemon (Plant)	28	750	1350	130	653	2870	312	1010	2760	130	653	2870	50	200	4500
8	Assam Lemon (Plant)	27	900	1433	106	717	2514	253	1000	2910	106	717	2514	40	250	3200
9	Orange (Plant)	57	1933	3400	95	1353	4883	103	1500	7900	95	1353	4883	125	625	3350
10	Sour Lime (Plant)	30	1133	2033	51	686	1719	93	525	1025	51	686	1719	30	400	2100
11	Pomelo (Plant)	50	1533	2633	180	1086	2764	315	650	1660	180	1086	2764	175	1075	4000
12	Litchi (Plant)	137	3867	3467	355	2734	4439	813	2860	5600	355	2734	4439	115	1475	4250
13	Pear (Plant)	40	1100	3400	311	1342	3908	822	2425	5925	311	1342	3908	70	500	2400
14	Guava (Plant)	48	893	1800	128	894	2309	245	900	1926	128	894	2309	90	890	3200
15	Pomegranate (Plant)	43	627	1133	104	757	2391	160	570	2040	104	757	2391	110	1075	4000
16	Date Palm (Plant)	35	690	1250	117	827	3039	98	617	3367	117	827	3039	215	1175	4500
17	Amberry (Plant)	30	750	1400	45	569	1779	75	558	2338	45	569	1779	30	400	1600
18	Berry (Plant)	43	870	1800	46	544	1767	95	763	3500	46	544	1767	46	544	1767
19	Plum (Plant)	40	550	1100	79	525	1796	162	575	2788	79	525	1796	35	450	1500
20	Olive (Plant)	87	1920	3067	234	1453	3593	459	1388	3863	234	1453	3593	155	1050	3850
21	Burmese grape (Plant)	20	350	1500	61	478	1996	139	685	2738	61	478	1996	25	400	1750
22	Indian bael (Plant)	35	870	1900	319	1540	3754	791	2550	4963	319	1540	3754	130	1200	4400
23	Carambola (Plant)	30	870	1830	99	1184	3032	158	1683	3267	99	1184	3032	110	1000	4000
24	Tamarind (Plant)	25	1400	3600	187	1417	3913	485	2075	4763	187	1417	3913	50	775	3375
25	Borthekera (Plant)	43	1113	2600	142	1109	2863	289	1140	2890	142	1109	2863	95	1075	3100
26	Elephant Apple (Plant)	43	1013	2200	71	1135	3356	100	1317	4467	71	1135	3356	70	1075	3400
27	Sugar Apple (Plant)	40	550	1200	84	892	2642	117	1125	3025	84	892	2642	95	1000	3700
28	Amla (Plant)	45	1680	2900	132	1247	3119	305	1560	3606	132	1247	3119	45	500	2850
29	Pinapple (Plant)	16	36	90	23	49	145	40	82	216	23	49	145	13	30	130
30	Margosa/Chinaberry (Plant)	20	300	1200	113	952	1842	170	1575	1475	113	952	1842	148	980	2850

Page 1 of 1

Handwritten signature and stamp of the Agriculture Department, Assam.

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

31	Toddy palm/ Tala palm (Plant)	62	1183	1890	96	1053	2397	95	1050	1850	96	1053	2397	150	925	3450
32	Bambusa nutans (Plant)	40	93	100	43	84	128	70	103	160	43	84	128	18	55	125
33	Bambusa pallida (Plant)	22	460	867	40	211	371	67	103	135	40	211	371	30	70	110
34	Bambusa balcooa (Plant)	32	490	907	63	244	456	107	150	238	63	244	456	50	93	225
35	Cinnamon (Plant)	20	320	1200	77	448	2683	117	450	4500	77	448	2683	95	575	2350
36	Bay leaves (Plant)	25	400	1500	63	389	2272	88	333	2667	63	389	2272	75	435	2650
37	Banana Plant (Plant)	51	193	307	84	249	529	120	355	780	84	249	529	80	290	500
38	Papaya (Plant)	23	307	633	69	342	1170	139	420	1328	69	342	1170	45	300	1550
39	Sugar cane (Bigha)	4200	20167	27000	12233	20167	41167	12500	28000	39000	12233	20167	41167	20000	32500	57500
40	Jute (Bigha)	14400	0	11950	4800	0	15950	0	0	35900	4800	0	15950	4800	0	15950
41	Yam (1 bigha)	4502	6171	4525	3642	6171	8725	6425	18500	21650	3642	6171	8725	3642	6171	8725
42	Brinjal (Bigha)	31000	10600	21500	16167	10600	25597	11500	16800	21790	16167	10600	25597	6000	15000	33500
43	Chilli (Bigha)	6283	10400	19900	6283	10400	26154	12600	18200	26063	6283	10400	26154	6250	13000	32500
44	Ginger/Turmeric (1 bigha)	28800	8540	39400	15768	8540	36633	18500	25600	70460	15768	8540	36633	15768	8540	36633
45	Pumpkin (Bigha)	960	11667	12400	6187	11667	26103	10600	20000	30910	6187	11667	26103	7000	15000	35000
46	Ash gourd (1 bigha)	960	2475	6230	1498	2475	10242	33	400	8095	1498	2475	10242	3503	7025	16400
47	Bottle gourd (1 bigha)	960	2640	5230	1665	2640	10285	33	400	8200	1665	2640	10285	4003	7520	17425
48	Chebulic myrobalan (Plant)	35	1900	4000	42	820	7700	90	560	19100	42	820	7700	42	820	7700
49	Black Palm (Plant)	45	3500	11600	42	1300	4150	80	400	850	42	1300	4150	42	1300	4150
50	Simulaboo (1 bigha)	3468	5270	11342	3468	5270	11342	10400	15800	34000	3468	5270	11342	3468	5270	11342
51	Drumstick (Plant)	13	700	1600	142	928	7188	338	1333	17463	142	928	7188	75	750	2500
52	Bitter gourd (Bigha)	600	10333	22150	6283	10333	28675	10750	16000	32875	6283	10333	28675	7500	15000	31000
53	Cucumber (Bigha)	0	10233	8150	6100	10233	22539	10800	15700	29467	6100	10233	22539	7500	15000	30000
54	Ladies finger (Bigha)	12000	11333	13000	10867	11333	22929	12600	18000	24788	10867	11333	22929	8000	16000	31000
55	Hog Palm (Plant)	30	1440	2100	50	573	893	120	280	580	50	573	893	50	573	893
56	Black gram (Bigha)	4810	250	6600	6037	10717	16375	6550	18400	19025	6037	10717	16375	6750	13500	23500
57	Paddy (Bigha)	9000	0	9250	7300	9100	14722	6900	17800	20376	7300	9100	14722	6000	9500	14540
58	Mustard (Bigha)	14400	0	9800	9933	9200	13392	9900	18600	15875	9933	9200	13392	5500	9000	14500
59	Wheat (Bigha)	8400	0	10200	24541	5633	9011	65222	16900	16833	24541	5633	9011	24541	5633	9011
60	Tomato (Bigha)	31744	12333	65892	31744	12333	65892	31744	12333	65892	31744	12333	65892	31744	12333	65892
61	Cabbage/Cauliflower (1 bigha)	28926	10003	21632	28926	10003	21632	28926	10003	21632	28926	10003	21632	28926	10003	21632

Abbreviated Resettlement Action Plan

ASSAM INTRA STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

APPENDIX 15: SAMPLE ATTENDANCE SHEET OF FGD with Women.

 **ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT**
Attendance Sheet of Public Consultation

Venue: 2700, Jambani Date: 30/06/2025

Sl. No.	Name	Sex	Occupation	Signature
1	Chikrajit Das	M	Circle Officer Chhaygaon Revenue Circle	
2	Mahendra Nath	M	L.M. Chhaygaon Revenue Circle	M. Nath
3	Mithilesh	M	F.P.C.	
4	Ramen Boro	M	Farmer	Ramen Boro
5	Haldhar Boro	M	Farmer	হালদহ বরো
6	Nayan Das	M	Business	নয়ন দাস
7	Nipurnaj Kalita	M	P.M.C	Nipurnaj Kalita

 **ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT**
Attendance Sheet of Public Consultation

Venue: Panexi (Kalpatanu Self Help Group) Date: 30/06/2025

Sl. No.	Name	Sex	Occupation	Signature
1	Rahima Bibi	F	H. wife	রাহিমা বিবি
2	Narzi Bibi	F	H. wife	Narzi Bibi
3	Jesurima Bibi	F	H. wife	জেসুরিমা বিবি
4	Hasima Bibi	F	H. wife	হাসিমা বিবি
5	Hazika Bibi	F	H. wife	হাজিকা বিবি