



Social Monitoring Report

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Prepared by Assam Power Generation Corporation Limited (APGCL) for the Asian Development Bank (ADB).

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Asian Development Bank

Social Safeguard Monitoring Report

Reporting Period : July 2021 to December 2021

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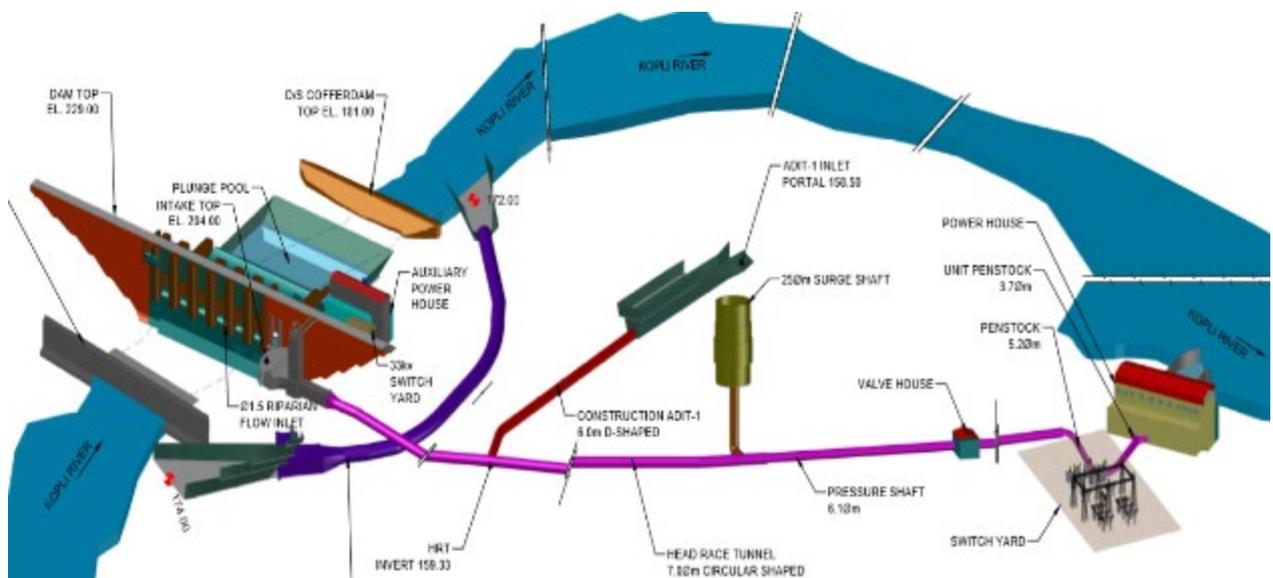
Assam Power Sector Investment Program–Tranche 3
Sovereign (Public) Project | 47101-004

Prepared by the Assam Power Generation Corporation Limited (APGCL) for the Asian
Development Bank



Semi-annual Social Monitoring Report

Lower Kopili Hydro Electric Project, Assam



Reporting Period: July 2021 to December 2021

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EXECUTIVE SUMMARY

1. The Lower Kopili Hydroelectric Power (LKHEP) presently under implementation would serve the growing demand for electricity in the state of Assam, sustain a healthy share of renewable energy in the Assam grid, and assist in moderating the delivered cost of power for distribution companies. The proposed LKHEP will use the hydropower potential of the Kopili River, a south bank tributary of the Brahmaputra River. LKHEP is designed to operate as a run-of-river power plant with diurnal storage with a total capacity of 120 megawatts (MW) comprising a main plant rated at 110 MW and an auxiliary plant rated at 10 MW. The main plant would receive water diverted at the dam to be built in Longku on Kopili River, while the auxiliary power plant is located at the bottom of the dam at Longku, using water released at the bottom of the dam to maintain the minimum river flow downstream of Longku.
2. Assam requires additional generating capacity to fulfil the needs of the state to uplift the state economy, to serve the unmet needs of existing customers, and to complete the families electrification. This additional generating capacity being of lower cost, allowing the state to continue to maintain the present generation costs, or even reduce such costs. Compared with oil, gas and coal, the three other primary energy options available to Assam to enhance its generating system, hydroelectric generation provides a lower cost, and environmentally less polluting resource. LKHEP fulfils a portion of such needs. With several hydropower plants planned, amidst increasing capacity of thermal generation, Assam can maintain the share of hydropower capacity in the range of 33%, which is higher than the national average for hydropower capacity.
3. The Project affects a total of 17 villages, 15 under the jurisdiction of Dima Hasao and 2 under Karbi Anglong, 983 AFs and 231 AFs respectively. The Project require 1,577 hectares (Dima Hasao Revenue Land -909, and Forest land 478 Hectares, Karbi Anglong Revenue Land - 45 and Forest Land - 145 Hectares) of land of which about two-thirds are leaseholds and the remaining of land are state forests. The Project is in a 'non-cadastral' area, that is, no land or revenue records are available other than the data on the leased land parcels to tribal persons. All affected lands in the two ADC are classified as either patta (registered) land or as non-patta land or 'village commons'. Farmers cultivate paddy under rain-fed conditions on some of the patta land which have been obtained on a long-term lease (5 years or more). On non-patta lands which have been obtained on short-term lease (one year) villagers' practice jhum (slash-and-burn) cultivation. The leaseholds are also classified by the land use type such as paddy land, dry land, jhum land (slash and burn) land, and homesteads. In Karbi Anglong Autonomous District, some land is in the category of 'plantations' where cash crops such as bananas are cultivated.
4. There are various mitigation measures adopted for the Project in terms of entitlements at both household level and community level. The entitlement matrix of the CRTDP summarizes the entitlements of the affected families and communities. It aims not only to compensate land losses and restore livelihoods and sources of income of the affected households but also to improve them. The key mitigation measures proposed at household levels are cash



compensation for land and crops acquired; resettlement of physically displaced households; household income restoration and improvement; infrastructure and other amenities at the resettlement site. The mitigation measure proposed at community level is the local area development program.

5. APGCL has already disseminated resettlement information among the Affected Families (AF) through public meetings, calling AFs representatives to Guwahati for Project meetings and to meet Government of Assam (GoA) and Autonomous District Councils (ADC) officials. The APGCL held several meetings in the project area with the support of Lower Kopili Hydro Electric Power Project Affected Persons' Associations (LKHEPPAPA) and Gaon Bura¹ of the villages to create awareness about the Project among the potential AFs. It will disseminate more resettlement and income restoration and improvement information among all AFs through brochures, leaflets, and booklets written in local languages. For non-literate people, other communication methods such as small group discussions and posters will be used to disseminate Project and resettlement information. The summary draft CRTDP has been translated into Assamese language and has been disseminated to the AFs in the form of leaflet in April 2018 during consultations.

6. PMC was already recruited to assist APGCL in implementing the project. Additionally, APGCL has already been hired an implementing NGO to assist Social and Environmental Safeguard Cell (SESC) in safeguard implementation, especially the implementation of livelihood restoration and improvement programs. The main objectives to engage the NGO (a) to update the socioeconomic surveys for all the AFs based on the final design and final list of AFs, and will update the draft CRTDP; (b) design an environmental and social management system for the implementation of the CRTDP; (c) improve the monitoring framework with accurate monitoring indicators for safeguard performance monitoring; (d) update socioeconomic baseline information; (e) undertake field studies, if required, to fill in gaps in socioeconomic databases; and (f) assist the establishment of the grievance redress mechanism and its operations.

¹ Village Headman representing village community

CHAPTER 1. INTRODUCTION

1.1 BACKGROUND

7. The purpose of this semi-annual Social Monitoring Report (SMR) is to monitor the progress of Combined Resettlement and Tribal Development Plan (CRTDP) and record social, economic, and cultural aspects of the proposed Lower Kopili Hydro Electric Project (LKHEP) area and its affected communities. The SMR will also cover the progress and achievements in implementation of Gender Action Plan. A key monitoring area of the report is to obtain the Affected Families (AFs) to benefit from the Project; and to restore and improve their livelihoods and sources of income. It is also examining the institutional arrangements for delivering entitlements and project benefits to the AFs and other stakeholders. Function of GRC and the adopted mechanism for resolving grievances and complaints will also be briefed in the SMR.

8. The executing agency (EA) of LKHEP is Assam Power Generation Corporation Ltd (APGCL). It pays for land acquisition and compensation, relocation of the AFs, and their income restoration and improvement. APGCL through its PMU, PMC and implementing NGO will be implementing the CRTDP.

1.2 SCOPE OF REPORT

9. Prior to initiation of civil works, the social impact was assessed and classified as per ADB SPS 2009 as Category A for both Involuntary Resettlement and for Indigenous Peoples. The compensation and entitlement matrix are based on the resettlement planning documents of 2018. The payment of compensation has been made to most affected families in Dima Hasao District. The Socio-economic and census survey has not yet been initiated in the Karbi Anglong District due to certain unavoidable circumstances- of which restrictions on inter district movement due to COVID situation is the major one. The scope of this semi-annual report is to explore the progress of the resettlement (IR) and assess the status of the RP implementation. The prerequisite of the internal social safeguard monitoring activities is focusing on the status of implementation of the social safeguard issues, effectiveness in implementation of the social program and provision of feedbacks and suggestions for the full compliance with ADB and Government of Assam rules and regulations.

1.3 DESCRIPTION OF PROJECT

10. The Assam State Electricity Board (ASEB), The Northeastern Electric Power Corporation (NEEPCO), and APGCL have contributed to the development of plan for Kopili River Valley in 1980. The GoA in 2006 appointed APGCL to finalize the project plan and implement it. A DPR was prepared and clearance obtained from various directorates including from the Central Electricity Authority (CEA) and Central Water Commission (CWC).

11. The dam proposed to be built at Longku will be a concrete gravity dam, of height 70 meters (m) and width 345 m. The crest of the dam will be 232.5 m above mean sea level (MSL). The dam will create a reservoir at Longku with a spread of 552 hectares (ha), with live storage of 77 million cubic meters. A tunnel will be excavated to deliver the water from the reservoir to the



main power plant. Water from the intake to the main power plant enters the tunnel of diameter 6.65 m on the right bank of the Kopili River. This tunnel will be 3.6 kilometre (km) long. At the end of this low-pressure tunnel, water will enter the pressure shaft. The pressure shaft will be circular of 5.2 m diameter, steel lined, with a length of 704 m. The pressure shaft will deliver water to two steel penstocks each of length of about 60 m, which in turn would convey water to the turbines. Water to the auxiliary power plant will be taken directly along a steel-lined circular pressure shaft of diameter 2.7 m and of length 70 m, and delivered to the turbine through three steel penstocks, each about 30 m long. The designed discharge capacity is 112.7 cubic meters per second (m/s), at a flow velocity of 3.13 m/s.

12. The Kopili River is a tributary of the Brahmaputra River. It originates in the Borail Hill Range of Meghalaya, the catchment of the Kopili River lies on the leeward side of the Borail, Khasi and Jaintia Hill ranges. Good amount of rainfall keeps it as Perennial River. Lower Kopili Hydro-Electric Project (LKHEP) is a run of the river scheme with diurnal storage on the Kopili River at Longku in east of Karbi Anglong and west of Dima Hasao Assam districts. The project is envisaged to run at full potential in monsoon season and operate as a peaking station in non-monsoon season. The total installed capacity is 120 MW, generated by Main Powerhouse with 2 units of 55 MW installed capacity each, and an Auxiliary Powerhouse with 3 units of 2.5+2.5+5.0 MW installed capacity.

13. The LKHEP is part of stage development of the Kopili River valley near Longku village, with the Dam site at 25°39'57.39" N and 92°46'53.62" E and the Powerhouse site at 25°41'54.02" N and 92°48'15.98" E. The first stage, which is upstream of the LKHEP, comprises of 3 x 25 MW Kandong HEP and 4 x 50 MW Kopili HEP. The project location is shown in **Figure 1: Project Location Map (Source: Google Maps)**.

14. The Project can be reached by NH-52 Guwahati – Lanka Road and Lanka - Project Site Road (~155km+~48km). Besides the Power Plant Complex, LKHEP includes 14 new Access Roads within the Project Site Area for access to various Project components:

1.4 SALIENT FEATURES: CONTRACT DETAILS FOR CIVIL WORKS

15. The following **Table 1-1: Details of Contract for Packages and Present Status** presents the contract details of project following the project location map **Figure 1: Project Location Map (Source: Google Maps)**.

Table 1-1: Details of Contract for Packages and Present Status

Employer	Assam Power Generation Corporation Limited (APGCL)	
PMC	AF Consult Switzerland in association with United Engineers Alliance India	
Contract	Contract agreements with APGCL (Chronology of Events):	Key Dates
	➤ Notice to Proceed for Phase-A, issued.	26/07/2017
	➤ Contract for Consulting Services, signed.	04/10/2017
	➤ Contract for Phase-B Services signed.	11/01/2021
Package 1	➤ yet to be awarded	



Package-2 Contract (Project Roads, Civil & HM Works)	➤ Notice to proceed issued to M/s. L&T Ltd, by APGCL with commencement date effective from 01/09/2020.	31-08-2020
Package 3	➤ yet to be awarded	
Package 4	➤ yet to be awarded	

1.5 PROJECT OBJECTIVES AND OUTCOME

16. Assam requires additional generating capacity to fulfil the needs of the state to uplift the state economy, to serve the unmet needs of existing customers, and to complete the household electrification. This additional generating capacity requires to be of lower cost, allowing the state to continue to maintain the present generation costs, or even reduce such costs. Compared with oil, gas, and coal, the three other primary energy options available to Assam to enhance its generating system, hydroelectric generation provides a lower cost, and environmentally less polluting resource. LKHEP fulfils a portion of such needs. With several hydropower plants planned, amidst increasing capacity of thermal generation, Assam can maintain the share of hydropower capacity in the range of 33%, which is higher than the national average for hydropower capacity.

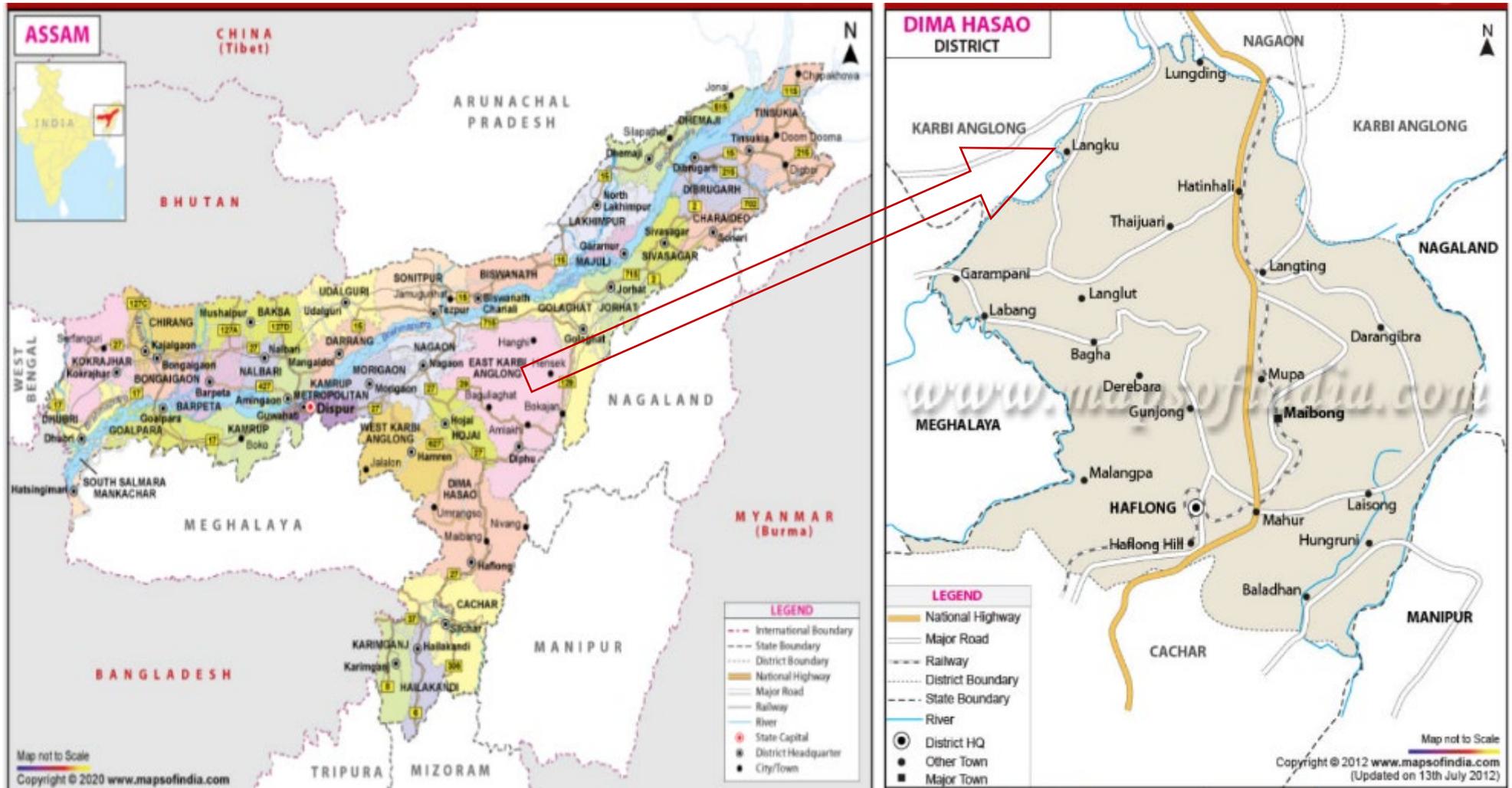
17. The proposed Tranche 3 project has three outputs: (i) construction of the 120 MW Lower Kopili hydroelectric power plant; (ii) strengthening of institutional capacity of Assam Power Generation Corporation Limited (APGCL); and (iii) improving resource management and community resilience along the Kopili River. The 120 MW Lower Kopili Project has a very important role in electricity demand for the Assam state as described in **Table 1-2: Importance of 120 MW LKHEP**.

Table 1-2: Importance of 120 MW LKHEP

Importance of 120 MW LKHEP	
✓	The outcome of the project will be increased capacity of energy generation in Assam, where electricity generation will be increased by 469 gigawatt-hour/year (GWh/year).
✓	Greenhouse gas generation from electricity generation will decrease by 360,000 total carbon dioxide (tCO ₂)/year from 2024 onwards.



Figure 1: Project Location Map (Source: Google Maps)



1.6 PROJECT IMPLEMENTATION ARRANGEMENTS

18. The Department of Energy of GoA will coordinate all project activities at the state level. APGCL is the executive agency (EA) of the project. It has already established a Project Management Unit (PMU). The implementing Agency (IA) of the project is also APGCL. APGCL and the NGO contracted for safeguard implementation are responsible for the application of environmental and social safeguards to the project including proper implementation of various components of the CRTDP.

1.7 APPOINTMENT OF ADMINISTRATOR AT STATE LEVEL

19. State Government of Assam has already notified an officer not below the rank of Joint Collector or Additional Collector or Deputy Collector or equivalent official of Revenue Department, who will be responsible for the implementation of CRTDP (R&R Plan) at the State Level. This has already been established and a copy of the government order to this is attached in Annexure 1.

20. Administrator shall, to function efficiently and to meet the timeframe of CRTDP, be provided with such powers, duties and responsibilities as may be prescribed by the appropriate Government. Administrator will also be provided with office infrastructure and be assisted by officers and employees appointed by the appropriate Government.

21. Subject to the superintendence, directions and control of the Appropriate Government and the Commissioner for Rehabilitation and Resettlement, the formulation, execution and monitoring of the Rehabilitation and Resettlement Scheme shall vest with the Administrator.

1.8 COMMISSIONER FOR REHABILITATION AND RESETTLEMENT

22. The state government shall appoint an officer of the rank of commissioner or secretary of that government for resettlement and rehabilitation of affected households under the Act of 2013. They will be called the commissioner for rehabilitation and resettlement. The Commissioner shall be responsible for supervising the formulation of rehabilitation and resettlement schemes or plans and proper implementation of each scheme or plans. The Commissioner shall be responsible for the post implementation social audit in consultation with the Gram Sabha in rural areas and municipality in the urban areas.

1.9 THE PROJECT MANAGEMENT UNIT

23. APGCL and its PMU will work closely with the administrator and commissioner and get the necessary directions from them. PMU will send all documentation to the administrator and commissioner for approval and guidance. PMU will be responsible for day-to-day implementation and monitoring of the project including CRTDP. It covers all aspects of the project construction including compliance with safeguard requirements. APGCL has appointed a full-time project director to head the PMU. Administrative staff, project engineers, financial officers, the social and environmental safeguard cell, and the communication unit will assist the Director.

1.10 SOCIAL AND ENVIRONMENTAL SAFEGUARDS CELL AT PMU

24. The Project Director cum Chief General Manager, Project Planning & Implementation



(CGM,(PP&I), APGCL, is leading and responsible for overall implementation of social and environmental safeguards. PMU already has a dedicated social and environmental safeguards cell (SESC) with a qualified full-time environment specialist and a qualified full time social safeguard specialist. The SESC will keep close contacts with head of PMU of APGCL regarding safeguard application and its progress. SESC oversees coordination, preparation, implementation, and monitoring of the approved CRTDP. It will assist PMCs to develop an environmental and social management system, and APGCL in updating and implementing CRTDP. The SESC will work with PMCs for overall management of social and environmental safeguards application. SESC facilitates land acquisition and compensation, relocation and resettlement, distribution of assistance to the AFs and supervision of income restoration and rehabilitation programs of the project. It will also be responsible for monitoring the implementation of all resettlement and rehabilitation activities, including land acquisition and compensation. APGCL has already established the PMU with designated staff on social and environment safeguards on a full-time basis, details are mentioned in the **Table 1-3: Details of Environmental and Social Experts in PMU** below:

Table 1-3: Details of Environmental and Social Experts in PMU

Name	Position
Dr. Deepak Kr. Baruah	Environmental Expert
Mr. Pankaj Hazarika	Social Expert

25. The responsibilities of SESC include:

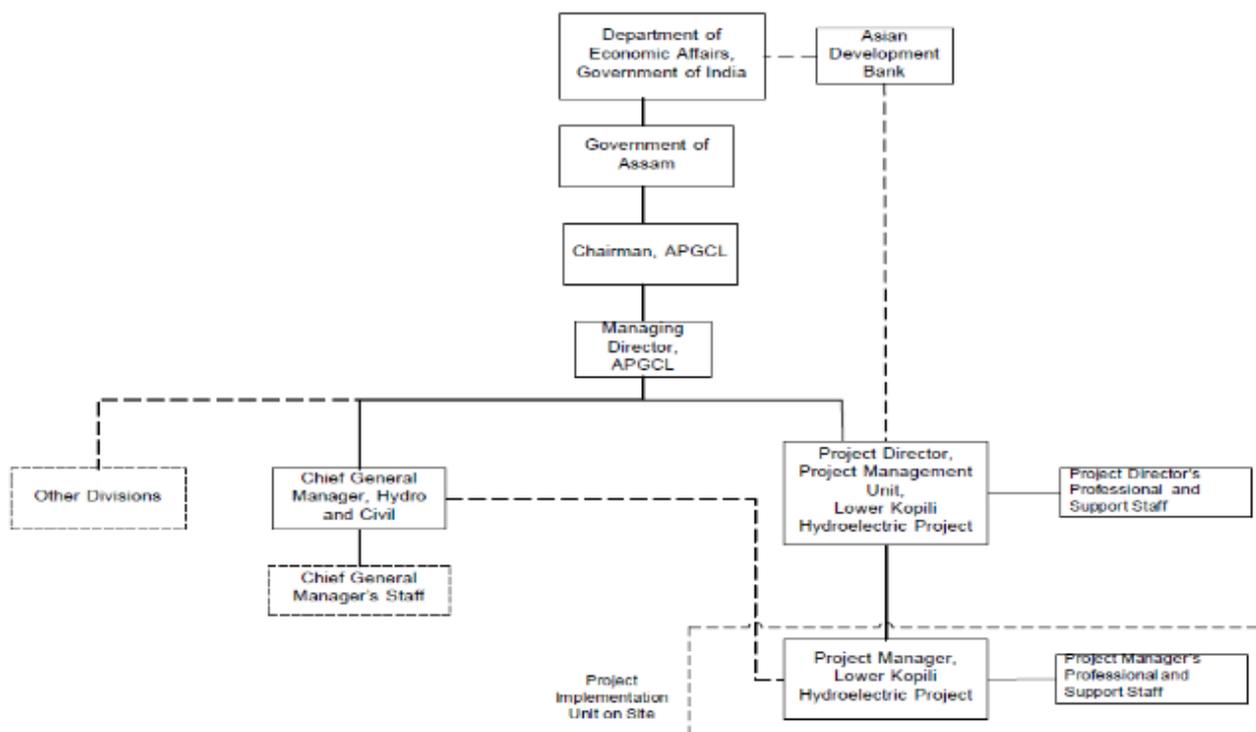
- ✓ Responsible for all land acquisition activities and keeping records of land acquired, compensation paid, and when land was physically taken over for the Project;
- ✓ Liaison with the State and District levels departments and agencies to facilitate the AFs' access to services and income generating programs that are already in place;
- ✓ Coordinate the delivery of cash compensation and resettlement assistance to all entitled persons;
- ✓ Provide social development perspectives and inputs to on-going project design and implementation by working closely with project planners, contractors, and construction supervision consultants;
- ✓ Link the project with State government agencies, PWD field units and the impacted communities;
- ✓ Coordinate with the two ADCs regarding social development and resettlement operations; and support the NGO contracted and local community organisations such as PAPA who representing the AFs; and engage skill training services, oversee the grievance redress mechanism, monitor CRTDP implementation, and cooperate with planned project evaluations;
- ✓ If a panel of experts (POE) is appointed during project implementation, facilitate its



monitoring and evaluation programs.

26. The proposed organisation structures are presented in **Figure 2: Project Organization Structure** below:

Figure 2: Project Organization Structure



Source: PAM and as per the MOM of the interface meeting dated 24th January 2022.

1.11 PROJECT MANAGEMENT CONSULTANTS

27. APGCL has recruited the project management consultants (PMCs) to implement the project. In relation to safeguard compliance, the following actions are being carried out by PMC’s social and Environmental Safeguard Experts **Table 1-4: Details of Environmental and Social Experts in PMC** who are based at project site i.e., Longku:

Table 1-4: Details of Environmental and Social Experts in PMC

Name	Position
Dr. Jayanta Das	Environmental Expert
Mr. Sangram Singh	Social and Resettlement Expert

28. PMC prepares monthly progress reports on progress of CRTDP implementation and will ensure compliance in consultation with the Social and Environmental Safeguard Cell (SESC) on social, resettlement, and environmental aspects of the project including the progress in redressing AFs’ grievances and complaints. PMC social and resettlement safeguards specialists is assisting in preparation of the semi-annual monitoring report and will submit to PMU and PMU will submit it to ADB.



1.12 IMPLEMENTATION SUPPORT -NGO

29. APGCL has hired an NGO, M/s. Consultants for Rural Area Development Linked Economy, (CRADLE), in joint venture with Gramya Unnayan Santha to support updating of CRTDP, and to implement it. The signing of contract and the commencement was on 13th November 2019 and 28th November 2019 respectively. The following **Table 1-5: Details of Key Experts and Support Staff in NGO team** presents the proposed for implementation of CRTDP.

Table 1-5: Details of Key Experts and Support Staff in NGO team

Name	Position	Date of deployment
Key Professional		
Mr. Ashok Kumar Sah	Team Leader	21.11.2019
Mr. L.P. Singh	Social Development Expert Cum R&R Specialist	
Mrs. Sumana Das	Communication Specialist	
Mr. Mukut Deka	Training cum Livelihood Specialist	
Non-Key Expert		
Mr. Karuna Bora	Field Coordinator cum Community Worker	21.11.2019
Mr. Pankaj Deka	Field Coordinator cum Community Worker	
Miss Sangita Gayari	Field Coordinator cum Community Worker	
Miss Sanmoni Langmailai	Field Coordinator cum Community Worker	

30. The NGO is providing day-to-day implementation support to APGCL in addressing safeguard issues at the field level. The role of the NGO focuses on three activities (i) collection of additional baselines information from surveys, if required after the detailed design and final layout of the project is completed; (ii) assist PMU to implement CRTDP as per its entitlement matrix, distribution of identification cards to the AFs, disbursement of entitlements including compensation, and allowances to eligible AFs as per CRTDP; and (iii) raising awareness among the AFs, and dissemination of project information relating to land acquisition, compensation and resettlement planning and AFs' entitlements.

31. The NGO is also facilitating the AFs to submit the grievance applications (if any) to be resolved within the framework of Project's GRM. The Social Safeguards Expert of SESC is monitoring from PMU whereas Social and Resettlement Expert, PMC is supervising day-to-day activities of the NGO at project site. The NGO is working as a link between the AFs and APGCL. NGO as per terms of the ToR, are educating AFs on income restoration avenues and improvement measures including ensuring that the AFs use cash compensation in productive investments. Broad objectives of the NGO are:

- Identification, verification and updating of AP Census based on the final list and final design for updating the CRTDP.
- Develop micro plans in consultation with the AFs and PMU staff.



- Educate the AFs on their entitlements, and obligations.
- Prepare and distribute Project Identity Cards. All eligible project affected families will be given Identity Cards.
- Ensure that the AFs receive their entitlements. The NGO will provide advice to AFs on benefits of various income restoration options and assist them in getting benefits from various government development programs;
- The NGO will help the affected households to derive maximum benefits from the project without losing their livelihoods and with least impacts on sociocultural aspects of their lives.
- Assist the AFs to use the GRM.
- The present scenario of the deployment and other status provided in **Table 1-6: Status of NGOs inputs:**

Table 1-6: Status of NGOs inputs

Sl. No.	Activity/agreed terms in CRTDP	Present Status	Remarks
1	The NGO staff is supposed to be stationed at the project site and regularly update the baseline information through group meetings and village-level meetings. Such meetings will be the arena to consult the AFs and to inform about the project’s progress and the delivery of their entitlements.	In the monitoring period there were some challenges faced due to the pandemic restrictions imposed by GoA. Key staff mobilisation was difficult because of Covid-19 restrictions.	NGO advised to establish office at Longku for assigned activities and easy access by AFs and APGCL/PMC.
2	The frequency of meetings will depend on the requirements of the progress of implementation of CRTDP; however, at least once a month, the affected households will be met by the NGO and rendered relevant support as well update them on projects progress.	Meetings are being carried out by NGO, but these are not on regular basis.	NGO is advised to conduct the regular meetings with AFs and particularly with Women. Livelihood restoration program requires more close interaction with the targeted group.
3	NGO will arrange meetings with all stake holders including revenue department, APGCL to effectively update IA on the project’s progress and discuss key issues needing urgent attention.	Meetings with key stakeholders are not conducted by NGO.	NGO to apprise other stakeholders on key issues and feedback documented for effective implementation of the CRTDP program.

CHAPTER 2. PROJECT STATUS

32. The SESC is closely working with the Revenue department of both the ADCs and having regular interaction with AFs for the completion of disbursement of land compensation in Karbi Anglong ADC, in Dima Hasao & Karbi Anglong payment of land and zirat compensation has been completed. However, the land and zirat payment in Dima Hasao was executed directly by APGCL with support from Council Authorities. Whereas, in Karbi Anglong, the land and zirat payment were deposited to KAAC, and was paid by Council only. However, the final list of complete payment were provided in Jan 2022

33. The following section was extracted from the PMC's monthly monitoring report supported by contractor's monthly reporting on work progress.

2.1 STATUS OF PROJECT IMPLEMENTATION

34. According to PMC's MPR the following in **Table 2-1: Progress of Work** presents the project implementation status as on 31st December 2021. For more details, technical monthly report can be referred.



Table 2-1: Progress of Work

Engineering, Procurement, Construction and Commissioning of Project Roads, Civil & Hydro-mechanical works for 120 MW- LKHEP (Package-2)																										
SL No.	STRUCTURE / KEY ACTIVITY DESCRIPTION	PLANNED as per 48 month Schedule		ACTUAL		YEAR	YEAR/MONTH																	Work Completion till 31st Jan'22	Based on 48 months Implementation Schedule: Project start to end - 1st Sep'20 to 30th Aug'24	
		START DATE	FINISH DATE	START DATE	FINISH DATE		MONTH	2021																		
								2020																		
								SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			JAN
NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	%	REMARKS							
A EMPLOYER OBLIGATION																										
1	Instruction to Notice to Proceed	01-09-20	01-09-20	01-09-20	01-09-20	Plan	★													100%						
						Act	★													100%						
2	Handingover of Revenue Land for Site Infra facility	01-09-20	01-09-20	14-10-20	02-01-21	Plan	★													100%						
						Act				★										100%	Handed over in phases between Oct'20 to Jan'21.					
3	2nd Stage Forest Clearance and handing over of site to Contractor	01-09-20	01-09-20	11-06-21	11-06-21	Plan	★													100%						
						Act					★									100%	Forest Clearance given on 11th Jun'21 (right bank portion). On 3rd Jul'21 (left bank portion).					
4	Contract Award (Pkg-III) to E&M vendor by APGCL	01-09-20	30-11-20	01-09-20	12-11-21	Plan				★										100%						
						Act													★	100%	Notice of Award issued on 9th Sep'21. Contract Signed on 2nd Nov'21. Contract effective from 12th Nov'2021.					
5	Availability of Construction Power at site from.	01-05-21	01-05-21	01-11-21	30-11-21	Plan														100%						
						Act													★	100%	Grid Power provided by 30th Nov'21.					
B INITIAL ACTION BY EPC CONTRACTOR M/s. L&T (Pkg-II)																										
6	Mobilization by M/s. L&T	02-09-20	28-02-21	01-09-20	Ongoing	Plan														100%						
						Act														80%	Based on availability of front, M/s. L&T has staggered its mobilization (Manpower & Machinery).					
7	Project Site Survey works	01-10-20	04-03-21	04-10-20	27-03-21	Plan														100%						
						Act														100%	Completed					
8	Geotechnical Investigation works	01-10-20	04-03-21	05-10-20	24-03-21	Plan														100%						
						Act														100%	One test recommended by CSMRS is completed. Report submitted by L&T on 25th Dec'21.					
9	Finalization of Design Consultant by M/s. L&T	02-10-20	02-10-20	01-09-20	30-10-20	Plan														100%						
						Act														100%	M/s. Tractabel is the design consultant appointed by M/s. L&T					
10	Finalization of HM Agency by M/s. L&T	15-01-21	15-01-21	Pending	Pending	Plan														100%						
						Act														0%	Delayed by L&T. Likely finalization in Feb'22.					
11	Design Engineering - General (Design Basis Report - DBR, General Arrangement Drawing -GAD etc)	16-09-20	08-12-20	01-09-20	31-07-21	Plan														100%						
						Act														98%	DBR is approved on 9th Feb'21. Balance 2% will be submitted and approved in Feb'22.					
12	Quarry & Aggregate Processing Plant - operation start	30-10-20	17-03-21	15-10-20	Ongoing	Plan														45%						
						Act														35%	Crusher plant mobilized. Commissioned. QUARRY NOC pending from NCHAC. 80,000 Cum excavated Rock Crushing Permission available.					
13	Batching Plant - Concrete production	30-10-20	08-01-21	27-12-20	Ongoing	Plan														100%						
						Act														95%	60 m ³ Batching Plant mobilized and Commissioned. Batching Plant near Dam, approval under process.					
14	Site Infrastructure facility - Accommodation for workmen & Staff	Not Available	Not Available	11-11-20	Ongoing	Plan														100%						
						Act														96%	Employer's /PMC's office handed over in Sep'21. Part of Employer's /PMC's accommodation handed over in Oct'21. Conditional Total Handover done on 10th Dec'21 with list of pending works. L&T to expedite the balance work completion.					



C	MAIN PROJECT COMPONENT											
15	Construction of Roads	02-10-20	02-03-21	04-10-20	Ongoing	Plan		100%	Approx. 11 km excavation completed out of total revised scope of 11.7 km. Target to complete the balance excavation by 31st Mar'22. Drawings for excavations are approved. Drain works on.			
						Act		59%				
16	Diversion Tunnel - Design Engineering, Excavation & Supports	09-12-20	08-10-21	04-10-20	Ongoing	Plan		100%	Survey completed. Design drawings approved. Progress got delayed due to delay in Forest Clearance. Outlet and Inlet portal completed. Heading Excavation done for 237.4 m out of 411 m.			
						Act		56%				
17	DAM - Design Engineering (Survey & Geotechnical Investigation)	01-10-20	04-03-21	27-10-20	27-03-21	Plan		100%	Test recommended by CSMRS completed. Report submitted by L&T on 25th Dec'21.			
						Act		100%				
18	Adit to Head Race Tunnel	01-10-20	23-09-21	04-10-20	Ongoing	Plan		100%	Survey, Design completed. Open excavation, Portal Completed. Tunnel Excavation completed 89 m out of 358 m.			
						Act		68%				
19	Head Race Tunnel (HRT)	01-10-20	29-02-24	22-10-20	Pending	Plan		34%	Survey & Geotech investigation completed. Delayed due to delay in Forest clearance and predecessor activity.			
						Act		12%				
20	Surge Shaft	01-10-20	06-05-23	22-10-20	Ongoing	Plan		40%	Survey & Geotech investigation completed. Open excavation, Colar Beam Exc. completed. Concrete in progress.			
						Act		40%				
21	Valve House Civil works	01-10-20	02-10-23	13-12-20	Ongoing	Plan		40%	Survey & Geotech investigation completed. Open excavation taken up since 22nd Feb'21. Excavation Drawings approved.			
						Act		40%				
22	Pressure Shaft & Penstock	01-10-20	26-05-24	27-12-20	Ongoing	Plan		40%	Survey & Geotech investigation completed. Open excavation taken up since 22nd Feb'21. Excavation drawings approved.			
						Act		31%				
23	Tail Race Channel	01-10-20	27-07-22	13-12-20	Ongoing	Plan		20%	Survey completed. GAD submitted in consultation with Pkg-3 Contractor.			
						Act		15%				
24	Switch Yard	01-10-20	31-07-22	17-01-21	Ongoing	Plan		40%	Survey & Geotech investigation completed. Land development taken up since 2nd Feb'21. Open excavation completed.			
						Act		40%				
25	Main Power House Complex -Civil works	01-10-20	29-09-23	29-10-20	Ongoing	Plan		40%	Survey & Geotech investigation completed. GAD finalized. Approval given upto Service Bay.			
						Act		25%				
26	Commercial Operation- Unit Commissioning (Both 1 & 2)	10-08-24	30-08-24	NA	NA				Likely to be delayed due to initial delay of 9 months 11 days in handing over of Access to Site due to delay in Forest Clearance.			
<p><i>Note: All structure's planned start date and actual progress are taken considering Survey and geotechnical investigation works.</i></p>												



2.2 STATUS OF PROJECT RESETTLEMENT ACTIVITIES

35. Project resettlement activities are being implemented as per agreed timeline, however due to various field constraints some challenges are being faced like Covid-19 pandemic restrictions, non-availability of AFs during survey and consultation, busy schedule of revenue filed staff of ADCs etc. following **Table 2-2:** presents the status of project resettlement activities.

Table 2-2: Project Resettlement Activities

Activities	Responsible Agencies	Status	remarks
Project Initiation Stage			
Establish SESC	APGCL	Completed	SESC cell has been established at PMU.
Hire Environment and Social safeguards professionals of SESC	APGCL	Completed	Environmental and Social Safeguard Experts have been positioned.
Hire an NGO to implement CRTDP	APGCL	Completed	M/s. Consultants for Rural Area Development Linked Economy, (CRADLE), JV with Gramya Unnayan Santha has been engaged.
Hire Project Management Consultants	APGCL	Completed	AF Consult Switzerland in association with United Engineers Alliance India
Appoint a Grievance Redress Committee	APGCL/ADCs/ PAPA	Completed	Annexure-2
Finalize the CRTDP with final budget and timeline	PMU/SESC/NGO	Completed	The budget was finalised and the implementation of CRTDP is in progress. There is some delay according to the agreed timeline.
Disclosure of CRTDP after further consultations with the AFs and ADCs	APGCL/PMU/SESC/ NGO	Completed	Ongoing process...



Activities	Responsible Agencies	Status	remarks
CRTDP Update			
Validate Census and survey findings	PMU/SESC/NGO	Completed	
Conduct socioeconomic surveys for all the affected households/persons based on the final list and final design in order to update the CRTDP	NGO/PMC/SESC/PMU	Completed for Dima Hasao, for Karbi Anglong its yet to be done.	The Karbi Anglong ADC permission not received. SESC cell is in continued touch with Karbi Anglong ADC.
Conduct FGDs/consultations and group meetings	SESC/NGO/field level engineers/ Contractors	Initially during the socio-economic survey, NGO has conducted, however, there is no consultation since March 2020 due to pandemic COVID-19.	
Finalize entitlement matrix with a budget and timeline	APGCL/PMU/SESC/ NGO	For Dima Hasao District Micro plan has been prepared and submitted for approval from PMC/APGCL.	Karbi Anglong yet to be completed.
Disclosure of final entitlements to all AFs	PMU/SESC/NGO	Yet to be done	Once the micro plan is approved from APGCL, the same shall be disclosed.
CRTDP Implementation Stage			
Payment of compensation	PMU/SESC/ District Councils/ NGO	Compensation of Land and assets have been completed for 955 AFs (1369 properties) and 7 Common and government properties in the Dima Hasao Districts by APGCL. There are 215 AFs are in Karbi Anglong that have been paid compensation however, the socio-economic survey is yet to be initiated	



Activities	Responsible Agencies	Status	remarks
Give publicity to compensation payment	PMU/SESC/ District Councils/ NGO	Completed	
Consultations with the AFs during rehabilitation activities	PMU/SESC / District Councils/ NGO	As the CRTDP implementation NGO is inactive at the ground therefore this activity was pending, however, Social & Resettlement Expert PMC, Social Expert, APGCL and PAPA president has a consultation with all the AFs.	NGO has been requested to complete the rehabilitation activities as per CRTDP plan.
Implementation of income restoration programs	PMU/SESC/ District Councils/ NGO	Socio-economic survey has been completed and based on the education/skills of AFs, data has been captured.	
Relocation and rehabilitation programs	PMU/SESC/ District Councils/ NGO	A model house has been constructed and all displaced AFs were consulted for their views and acceptance. The decision from their side is awaited.	Relocation site for AFs who are losing the residential properties has been identified and finalised in consultation with APGCL and LKHEPPAPA.
Implementation of grievances redress mechanism	PMU/SESC/ District Councils/ NGO	Till date 402 grievances from the AFs have been recorded, the GRC committee of first level has recommended all the grievance to the 2 nd tier	Resolution is yet to done.
Internal monitoring of social safeguard application	PMU/SESC/ District Councils/ NGO	Internal monitoring is being done in supervision of SESC by PMC Social and Resettlement Expert.	Bi-annual report submitted as per schedule.
External monitoring of social safeguards and Evaluation	PMU/external consultants/ international consultants	External Monitoring consultant has been appointed and kick-off meeting has been done.	The inception visit by the External Monitoring team has been scheduled in the month of Jan 2022.

CHAPTER 3. PERFORMANCE MONITORING

36. Both the APGCL and ADB have their own separate monitoring responsibilities. The extent of monitoring activities, including their scope and periodicity, will be commensurate with the project's risks and impacts. APGCL is required to implement safeguard measures and relevant safeguard plans, as provided in the legal agreements i.e., CRTDP, and to submit agreed periodic monitoring reports on their implementation performance.

37. The Lower Kopili HEP is classified as Environment Category A, Involuntary Resettlement (IR) Category A, and Indigenous Peoples (IP) Category A ("triple A") in accordance with ADB's Safeguard Policy Statement (SPS 2009). Additionally, based on the results of the climate change risk assessment, the subproject is High Risk for Multi-Hazard Index and Climate. To fulfil national regulatory requirements and ADB's SPS 2009, APGCL prepared an Environmental Impact Assessment (EIA) with environmental no-objection obtained from the Ministry of Environment, Forest and Climate Change of Government of India. In addition, APGCL developed a Resettlement and Indigenous Peoples Plan (RIPP) comprised of a Combined Resettlement and Tribal Development Plan (CRTDP) for hydropower component, and a Combined Resettlement and Indigenous Peoples Plan (CRIPP) for transmission line component.

38. The project management unit (PMU) in APGCL is responsible for overall project planning and implementation, including procurement, accounting, quality assurance, social and environmental issues, and coordination with concerned agencies. APGCL has already established its social and environment safeguards cell (SESC) in its PMU comprising 2 full time staff and is being supported by the project management consultant (PMC) with dedicated environment and social safeguards specialists. APGCL has also engage qualified and experienced external experts in a timely manner for environment and social monitoring that will not be involved in day-to-day implementation and supervision of the Project.

39. The duties of APGCL PMU include:

- (i) Conduct overall coordination, preparation, planning, and implementation of all field level activities;
- (ii) Update the EMP (see below) for review and clearance by ADB prior to any contract award;
- (iii) Implement EMPs following ADB's Safeguards Policy Statement 2009, IFCs Environment, Health and Safety general guidelines and national regulations etc. at the project site;
- (iv) Undertake and supervise compensation to the affected families based on the entitlement matrix in the CRTDP;
- (v) Advise and coordinate to update environmental baseline surveys, finalize social survey and detailed design and update the safeguard documents (EIA/EMP and CRTDP) for review and clearance by ADB following detailed design and survey results;
- (vi) Engage in grievance redress and ensure the prompt resolution of complaints;
- (vii) Set up appropriate record keeping system;



- (viii) Disclose relevant information to the affected people and continue consultations;
- (ix) Provide training and awareness on environmental and social issues to the project staff and EPC contractor(s);
- (x) Preparation of semi-annual and annual environmental monitoring reports and semi-annual social monitoring reports; and
- (xi) Liaise with the concerned ministries, authorities, and government departments for the environmental and resettlement related issues of the project implementation.

40. ADB reviews project performance against APGCLs' commitments as agreed in the CRTDP. The extent of ADB's monitoring and supervision activities will be commensurate with the project's risks and impacts. Monitoring and supervising of social and environmental safeguards are integrated into the project performance management system. ADB will monitor projects on an ongoing basis until a project completion report is issued.

3.1 COMPLIANCE WITH LEGAL AND POLICY REQUIREMENTS

41. The resettlement principles adopted for this project recognize CRTDP based on the government acts and provision in consistent to Asian Development Bank's (ADB) policies and operations manuals, in particular the Safeguard Policy Statement (2009). Approved Entitlement Matrix is provided as **Annexure-3** in the CRTDP report.

42. The land acquisition and compensation procedures of Dima Hasao and Karbi Anglong ADCs provide a comprehensive legal framework to prepare and implement resettlement plans and tribal development plans. The Project follows the CRTDP land acquisition as well as livelihood restoration and rehabilitation. In terms of land value estimation, no land transaction or revenue records are available apart from the data on leased land parcels to tribal person. Without any fair market rate available, it was estimated as per the rate provided and provided by the Autonomous District Council, and the rate was approved by the Public Works Department (PWD) of Assam for civil structures and buildings. They match most of the involuntary resettlement and indigenous people safeguard policy requirements of ADB.

3.2 COMPLIANCE WITH SOCIAL SAFEGUARD COVENANTS

43. Detailed assessment has been done in due consultation with concerned stakeholders and the CRTDP and CRIPP have been prepared for the subproject with an objective to record social, economic, and cultural aspects of the project area and its affected communities, and to present a comprehensive mitigation plan to address adverse social impacts of the project on them. A key part of the CRTDP is the strategy that enables the project-affected families (AFs) to benefit from the project, and to restore and improve their livelihoods and sources and income.

44. It outlines the institutional arrangements for delivering entitlements and project benefits to the AFs and other stakeholders, a mechanism for resolving grievances and complaints, and a monitoring framework to follow and report the progress of the implementation of CRTDP. The CRTDP and CRIPP have been prepared in compliance with the state and national laws and regulation and ADB SPS, 2009. Considering affected families (AFs) are scheduled tribes, a series



of consultations were undertaken for broad community support (BCS), and agreements were made between APGCL and two district councils indicating the BCS. APGCL has adequate budget allocation provision for land acquisition, resettlement and rehabilitation of affected families. APGCL has already established its social and environment safeguards cell in its PMU and is being supported by the project management consultant having dedicated safeguards specialists, in addition, an implementing NGO has been contracted to support the implementation of CRTDP and CRIPP. CRTDP will be updated by APGCL and the NGO prior to implementation and CRIPP will be revised after completion of final line alignment. Compensation will be provided prior to any physical and economic displacement. In the event of any unanticipated social impacts during project implementation, APGCL will take corrective actions, and update the CRTDP and CRIPP and the same will be disclosed on the ADB website. APGCL will submit semi-annual monitoring reports and external expert will monitor APGCL's implementation. The monitoring reports will be posted to ADB website and disclosed locally by APGCL.

3.3 GENDER

45. Tranche 3 is classified as Effective Gender mainstreaming (EGM). The project design integrates relevant gender focused interventions. A gender action plan (GAP) with well-defined activities, indicators, targets and timelines has been prepared to ensure that gender mainstreaming initiatives are effectively implemented. The GAP initiatives will provide opportunities for enhanced participation of women in project related staff trainings. Gender capacity building of PMU staff and contractors will help create capacities and opportunities for improved gender responsive planning and project implementation. Orientation workshop with special focus on enhancing female workforce participation, skilling, equality in wages, health, safety, hygiene and on the need to maintain sex disaggregated record of workforce will be planned for the contractors and laborers. The GAP activities will ensure women's participation in all projects related community awareness campaigns and consultations.

46. Women's participation and direct benefits will be secured across all community driven activities for community disaster resilience action plans. Disaster warning systems and mitigation strategies will integrate an inclusive approach to planning and execution. Local area development planning activities will promote gender responsive infrastructure in education and health facilities and services. Gender focused awareness campaigns in nutrition, health and menstrual hygiene will be planned and targeted towards girl students. Special measures will be taken to enhance women's participation in resettlement, rehabilitation and income restoration initiatives. Monitoring and evaluation mechanisms will track beneficiary data across all interventions in a sex disaggregated manner. Impact evaluations and social audit methodology will include gender and social parameters to be able to assess impacts from a gendered perspective. A gender monitoring consultant with support from CRTDP team and JFPR experts will be responsible to collate data on GAP progress and report to the PMU. The PMU will provide support in reviewing and submitting quarterly progress reports on implementation of GAP.

47. The administrative monitoring mechanisms will be inclusive of socio-economic



performance and sex, caste- and ethnicity disaggregated data. The record will be maintained by PMU. Adequate resources are provided for implementation and appropriate provisions made for monitoring and reporting. The Summary Poverty Reduction and Social Strategy (SPRSS) was included in the PFR report for Project 3.

48. Based on the final loan agreement the loan covenants relating to social safeguards are listed and the process and status for compliance is presented in the **Table 3-1: Status Social Safeguard Covenants** below:



Table 3-1: Status Social Safeguard Covenants

Para No	Description	Compliance Status	Remark
Article IV Section 4.02	The borrower shall enable ADB's representatives to inspect the project, the Goods, Works and Services, and any relevant records and documents	Being Complied	
Schedule 5 Implementation Arrangements	Social and Environmental Safeguards Cell has been established and Social and Environmental Experts are positioned	Complied	
Schedule 5 Land Acquisition and Involuntary Resettlement Para 6	(a) All applicable laws and regulations of the Borrower and the State relating to land acquisition and IR; (b) The IR safeguards; and (c) Measures and requirements set forth in the RIPP/CRTDP, and any corrective or preventive action set forth in the safeguards monitoring report.	Being Complied Being Complied Being Complied	Land has been acquired for the project as per provisions of the Schedule VI of the constitution of India.
Schedule 5 Land Acquisition and Involuntary Resettlement Para 7	Without limitation the applications of the IR safeguards or the RIPP, the Borrower shall ensure, or cause the EA to ensure, that no physical or economic displacement takes place in connection with the project until: (a) Compensation and other entitlements have been provided to affected families in accordance with the RIPP; and	Being Complied	The land and assets compensation has been paid in 2018. However, the other entitlements are yet to be paid. Micro plan has been prepared based on the socio-economic data collected by NGO.



Para No	Description	Compliance Status	Remark
	(b) A comprehensive income and livelihood restoration program has been established in accordance with the CRTDP.	Yet to be Complied	NGO has been directed to prepare and submit the Livelihood Restoration Program.
Schedule 5 Land Acquisition and Involuntary Resettlement Para 8	The Borrower shall ensure, or cause the EA to ensure, that the preparation, design, construction, implementation and operation of the project and all project facilities comply with (a) All applicable laws and regulations of the borrower and the State relating to indigenous peoples; (b) The indigenous peoples safeguards; and (c) All measures and requirements set forth in the RIPP, and any corrective or preventive action set forth in a safeguard monitoring report.	Being Complied Being Complied Being Complied	Instead RIPP, the Combined Resettlement and Tribal Development Plan has been prepared and being implemented through the NGO engaged.
Schedule 5 Safeguards Monitoring and Reporting Para 11	The Borrower shall ensure, or cause the EA to ensure, that the following: (a) Submit semi-annual Safeguards Monitoring Reports to ADB, and disclose relevant information from such reports to affected families promptly upon submission; (b) If any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the project that were not considered in the EIA, EMP, RIPP, RF or the IPPF, as applicable, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and	Being Complied Being Complied	



Para No	Description	Compliance Status	Remark
	<p>proposed corrective action plan; and</p> <p>(c) Report any breach of compliance with the measures and requirements set forth in the EMP, or CRTDP promptly after becoming aware of the breach.</p>	Being Complied	
Schedule 5 Labour Standards, Health and Safety Para 13	<p>The Borrowers shall ensue or cause the EA to ensure that Works contracts under the Project follow all applicable labour laws of the Borrower and the State and that these further include provisions to the effect that contractors;</p> <p>(a) Carry out HIV/AIDS awareness programs for labour and disseminate information at worksites on risk of sexually transmitted diseases and HIV/AIDS as part of health and safety measures for those employed during construction;</p> <p>(b) Follow and implement all statutory provisions on labour (including not employing or using children as labour, equal pay for equal work), health, safety, welfare, sanitation, and working conditions. Such contracts shall also include clauses for termination in case of any breach of the stated provisions by the contractors;</p>	<p>Being Complied</p> <p>to be Complied</p>	
Schedule 5 Gender Para 14	<p>The Borrowers shall ensue or cause the EA to ensure that</p> <p>(i) The GAP and consultation and participation plan for the Project as included in the PAM is implemented in accordance with its terms;</p> <p>(ii) The bidding documents and contracts include relevant</p>	<p>to be Complied</p> <p>Complied</p>	Timeline has been prepared and NGO will undertake necessary consultation and trainings.



Para No	Description	Compliance Status	Remark
	provision for contractors to comply with the measures set forth in the GAP; and (iii) Adequate resources are allocated for implementation of the GAP, and (iv) Progress on implementation of the GAP, including progress toward achieving key gender and output targets, are regularly monitored, and reported to ADB.	to be complied to be Complied	
Schedule 5 Communications and participation Para 15	The Borrowers shall ensure or cause the EA to ensure that the project is undertaken in conformity with the community awareness and participation plan as agreed between ADB, the Borrower, the State and the EA as referred in the PAM	to be Complied	
JFPR Grant Para 26	The Borrowers shall ensure or cause the EA to ensure that the Grant provided under the JFPR Grant and related output to be developed from such assistance in completed on a timely basis in consultation with the ADB	The consultant is Yet to be contracted	



3.4 COMPLIANCE WITH COMBINE RESTTLEMENT AND TRIBAL DEVELOPMENT PLAN REQUIREMENTS

49. The LKHEP lies in the Dima Hasao and the Karbi Anglong Autonomous Districts Councils of the Assam State in India. The lands that fall within the jurisdiction of the two districts are 'scheduled'² or listed tribal land and those who belong to the listed tribes are 'scheduled tribes'. The following **Table 3-2: Summary of Project Impacts** presents, the detail of Project affects villages under the jurisdiction of two autonomous districts (Dima Hasao 15 villages and Karbi Anglong 2 villages). Socio-economic survey in Karbi Anglong District is yet to be initiated.

Table 3-2: Summary of Project Impacts

Sl. No	Name of village	Affected Family	Total Land (in Ha.)	Total structures affected ³
1	District Dima Hasao	955	909	122
2	District Karbi Anglong	231*	145	0
Total		1186	1054	122

*231 land/Properties yet to finalised as project affected families.

Source: census and socio-economic survey conducted by the NGO, Karbi Anglong Socio-economic data yet to be updated.

3.4.1 Land Requirement for Various Project Components

50. 120 MW LKHEP project required 1577 hectares of land for all components in both the autonomous district i.e., Dima Hasao and the Karbi Anglong. Out of 1577 ha total land 523 ha is forest and 1054 ha is revenue land. The below **Table 3-3: Land Area Required for the Project** presents the planning and implementation stage land requirements.

Table 3-3: Land Area Required for the Project Components

Sl. No	Name of village	In planning stage (Ha)	Remarks
1	Project infrastructure (powerhouse, dam, and key installations)	355	
2	Reservoir	552	
3	Roads, buildings, and project facilities	72	
4	Relocation site for 14 physically displaced HHs and the project township	75	
5	Land for other purposes (recreational facilities, helipad etc)	523	
Sub total		1577	

Source: CRTDP, data likely to be updated once provided by technical team/contractor.

3.4.2 Scope and Type of Land for Project Components

51. The scope of land acquisition has remained same as planned earlier and **Table 3-4: Scope and Type of Land for Project Components** below present the type of land in both the district which

² The Schedule VI of the Constitution of India established several ADCs in the northeast India. An ADC is an administrative entity with a structure to safeguard tribal peoples' rights and interests and their traditional ways of living. It also provides a political framework, guaranteed by the Constitution of India, for tribal peoples to self-govern their affairs.



have been acquired.

52. Total 109.75 crores have been paid to the forest department for forest land diversion and other requirements. Compensation for revenue land has also been fully paid in the Dima Hasao district and in Karbi Anglong compensation payment is in progress and the final status of disbursement will be updated in next SMR.

Table 3-4: Scope and Type of Land for Project Components

Sl. No	Autonomous District	In planning stage (Ha)	Implementation stage	Total
1	Dima Hasao	478	909	1387
2	Karbi Anglong	45	145	190
Sub total		523	1054	1577

Source: CRTDP report.

3.4.3 Loss of Crops and Trees

53. The loss of crops and trees were assessed during planning stage and captured in CRTDP report and accordingly the estimated amount was taken in R&R budget. However, during payment of land, amount of crop, trees and other assets were taken into consideration. The below **Table 3-5: Type of trees and crops impacted** presents the number of trees and crops which have been compensated in implementation stage. Compilation of Zirat (loss of crop, trees etc) are being undertaken by NGO and same shall be updated in the next SMR.

Table 3-5: Type of trees and crops impacted

Sl. No	Category of trees	Number during planning stage
1	Fruit bearing	5858
2	Fodder	75320
3	Fuel wood	5750
4	Timber	11618
Sub total		98546

Source: CRTDP and census and socio-economic survey conducted by the NGO.

3.4.4 Loss of common/government properties

54. Apart from the private land and structures, 7 government/structure is also affected. The compensation for the same has been paid. Summary of the government/community properties are provided in the **Table 3-6: Details of Village wise government/community properties in District Dima Hasao** below. There was no such type of impact in Karbi Anglong district.

Table 3-6: Details of Village wise government/community properties in District Dima Hasao

Sl. No.	Name of Govt./Community Property	Remarks
1	Irrigation Office Building	Government
2	Secretary (Garampani LAMP Cooperative land)	Garampani LAMP Cooperative
3	Gram Sewak Quarter	Government
4	Rural Bank	Government
5	PHE Pump House	Government



Sl. No.	Name of Govt./Community Property	Remarks
6	Balendra warisa (S.M.E School)	President of S.M.E School is the caretaker
7	The Secretary of Karbi Community Hall of Longku Area	Bidyasing Engti Longku is the caretaker

Source: CRTDP and census and socio-economic survey conducted by the NGO.

3.4.5 Impacts on structures

55. As per the initial assessment jointly done by APGCL and the revenue departments, during planning stage total 18 structures were identified as fully impacted and 6 partially in the Dima Hasao district. During Socio-economic and census survey NGO was able to establish contact with the owners of 14 fully affected house owners. Hence owners of 14 structures were identified for further relocation process. **Table 3-7: Summary of structures verified by NGO** below presents summary of the impact on displaced structures.

Table 3-7: Summary of structures verified by NGO

Sl. No	Name of village	No of Land/ structure holders
1	Borolangklam	0
2	Borolangku	15
3	Chotolangku	4
4	Chotolangpher	2
5	Degremdisa	0
6	Dimalangku	31
7	Disabra	20
8	Krungmenglangso	0
9	Longku-II	20
10	Lorulangso	2
11	Mungkele	1
12	Rongkhelan	1
13	Sokpuru	14
14	Tortelangso	11
15	Waperdisa	1
Sub total		122

Source: Socio-economic survey conducted by the NGO based on the JVS assessment.

56. Apart from the identified list of CRTDP, some AFs has raised grievances regarding the non-inclusion of their structures/properties in identified list of fully impacted structures. Though boundary pillars have been fixed on some locations actual submergence area is yet to be demarcated on ground for determining actual physical impacts due to submergence and requiring relocation. All the grievances are pending at respective council's offices, follow-up is being done by SESC on regular basis to resolve the grievance.

3.5 SUMMARY OF IMPACTS

57. All impacts due to the project have been summarised in **Table 3-8: Summary of Impacts**. It's



also providing the planning and implementation stages variations, if any.

Table 3-8: Summary of Impacts

SL. No.	Particulars	Unit	Quantity	
			in CRTDP	in implementation
1	Affected Autonomous District Council	Number	2	2
2	Affected Villages	Number	16	17
3	Total Land Requirement	hectare	1577	1577
4	Total Revenue Land	hectare	1054	1054
5	Total Forest Land	hectare	523	523
6	Total Crop Land	hectare	1054	1054
7	Total Trees	Number	98546	4227
8	Total Primary Structures (Physically Displaced)	Number	18	Yet to finalize
9	Total Other Structures (Secondary/Cattle sheds)	Number	18	Yet to finalize
10	Total Partially Affected Structures	Number	6	Yet to finalized
11	Total Affected Families ⁴	Number	1217	1214
13	Total Physically Displaced Households and Affected Persons	Number	18 AFs and 85 APs	Yet to finalized
14	Total Economically Displaced Households and Affected Persons at Dima Hasao	Number	983 AFs and 4609 APs	955
15	Total Economically Displaced Households and Affected Persons at Karbi Anglong	Number	231 AFs	231*

Source: CRTDP and census and socio-economic survey conducted by the NGO. *the SES is yet to be initiated.

3.6 STATUS OF PAYMENTS OF COMPENSATION, ALLOWANCES AND ASSISTANCE

58. The loss of land the assets over the land like structures, crops and trees were assessed and compensation paid as per the agreed land rates with ADC and land holders. Compensation of assets were evaluated by the PWD, agriculture and horticulture etc department. The below **Table 3-9: Status of Payments of Compensation (Land including Zirat)** presents the compensation paid to AFs by APGCL and concerned ADCs.

59. The applicable R&R assistance and allowances would be done after completion of Socio-economic survey for all AFs and microplan will be prepared. Accordingly, progress would be included in the semi-annual social monitoring report.

Table 3-9: Status of Payments of Compensation (Land including Zirat)

Sl. No	Autonomous District	Total Land	Total Land (Ha)	Compensation (crores)	Remarks
1	Dima Hasao	Revenue	909.00	44.57	
		Forest	477.77	109.75	
2	Karbi Anglong	Forest	45.28		
		Revenue	145.00	8.11	
Sub total			1577.05	162.43	

⁴ Dima Hasao 983 + Karbi Anglong 231 = Total 1214 (in Dima Hasao 916 Verified, 60 not traceable, 7 Govt/ Common total 983 AHs, in Karbi Anglong census survey has yet to be conducted. Figure is based on the compensation disbursement list provided by Joint Secretary, KAAC)



Source: APGCL and ADC's payment documents.

60. The compensation of land and affected properties has been paid in both the districts. Based on the socio-economic data obtained by NGO through the ground survey, the R&R assistances and allowances have been calculated. As some delay had occurred in paying land and asset compensation in Karbi Anglong, the survey has not been conducted in 2 villages. Hence, the draft micro plan has only been prepared for Dima Hasao district for total 15 villages. The 60 AFs who were not found during survey are treated as absentee and have not been included in the budget. However, after disclosure of microplan if absentee AFs come forward for claim, supplementary microplan shall be prepared.

CHAPTER 4. GRIEVANCE REDRESSAL MECHANISM

61. It would be pertinent to refer the Asian Development Bank's policy, which requires proper mechanisms for resolution of disputes that may arise from any aspect of the project and development process. The mechanisms should be "affordable and accessible," and third parties independent of the implementers should be available at the appropriate point in the process. The grievance procedure needs to be simple, administered in the first instance at the local project level to facilitate access, flexibility and open to various proofs taking into account the need for speedy, just and fair resolution of any grievances.

62. The detailed description of the grievance redress mechanism (GRM) has been provided in CRTDP. The purpose of the GRM will be to receive and facilitate the resolution of affected people's concerns, complaints, and grievances about the social and environmental performance at the project level. The GRM will aim to provide a time-bound and transparent mechanism to voice and to resolve social and environmental concerns linked with the project. The project-specific GRM is not intended to bypass the government's own redress process but to address project-affected people's concerns and complaints promptly, making the GRM readily accessible to all segments of affected persons and scaled to the risks and impacts of the project. Hence, depending on the nature and significance of the grievances or complaints, the GRM will comprise procedures to address grievances at the project site, and at the PMU level. More serious complaints that cannot be addressed at the project level will be forwarded to the PMU grievance redress committee. The GRM will not deal with matters pending in a court of law. However, complainants may access the formal legal system at any time.

4.1 GRIEVANCE REDRESS PROCESS

63. A three-tier grievance redress mechanism has already been notified for handling grievances. The first tier is the grassroots level mechanism. Grievances of the AFs are first dealt with by Gaon Buras in consultation with the field officials, and the contractors of the project. Complaints that cannot be addressed at the level of Gaon Buras will be forwarded to the Project level grievance redress committee (GRC) which is the second tier. The third tier is the appellate GRC at the state level. APGCL will deal with the complaints and grievances as the appellate GRC. The presence of GRM or seeking relief from GRM is not a bar to take grievances and complaints to national courts for arbitration.

4.2 OTHER PATHS TO REDRESS GRIEVANCES

64. There are three other supplementary paths that are opened for the AFs to resolve their problems, complaints, and grievances with regard to the project and its implementation:

- (i) ADB India Resident Mission in New Delhi;
- (ii) ADB Accountability Mechanism; and
- (iii) India's Courts System.

4.3 CONSITUTION OF GRC



65. GRM has been constituted and notified, the same has been disclosed among AFs and all the members/representatives of the committee in writing. The office order has been issued on 17th June 2020 vide No.-APGCL/LKHEP/PD/2017-18/21/Part-I/45. **Table 4-1: Grievance Redressal Committees** is presenting the details of GRM, Roles and responsibilities of the GRC's.

Table 4-1: Grievance Redressal Committees

Members	Designation	Responsibility
First tier of GRC		
Site Engineer of APGCL	Deputy Manager (Civil)	<ul style="list-style-type: none"> ➤ Will receive grievances ➤ Resolution within 15 days of time ➤ In case complaints and grievances not resolved, forward to the Second Tire
Site Engineer of Civil & Hydro-mechanical contractor & Electro-Mechanical Contractor	Not yet notified	
Gaon Buras of Affected Villages	Dima Hasao District: 1) Borolangklam 2) Borolangku 3) Chotolangku 4) Chotolangpher 5) Degremdisa 6) Dimalangku 7) Disabra 8) Krungmenglangso 9) Longku-II Dima Hasao District: 1) Cherimthepe 2) Langsomepi	
Second Tier of GRC		
Chairman	Deputy Manager, Civil (PMU)	<ul style="list-style-type: none"> ➤ Member Secretary Will receive grievances ➤ Empowered to call the representatives from PAPA and Gaon Buras ➤ Decision will be communicated in writing to aggrieved person ➤ Timeframe for resolve the grievance will be 45 days from receipt of the grievance ➤ In case complaints and grievances not resolved, forward to the Third Tire
Member	Secretary, Revenue, NCHAC, Haflong	
Member	Secretary, Revenue, KAAC, Diphu	
Member-Secretary	Assistant General Manager (Civil), LKHEP Lanka/Longku	
Member	Environment and Social Expert, LKHEP APGCL Bijulee Bhawan, Guwahati	
Member	Contractor's Representative	
Member	Project Affected Peoples Association's Representative	
Member	Women's Representative	
Third Tier of GRC		
Chairman	Chief General Manager, (PP&I) APGCL Bijulee Bhawan, Guwahati	<ul style="list-style-type: none"> ➤ The Chairman may call the representatives from PAPA, Gaon Buras and survey department
Member	Secretary to the Govt. of Assam, Revenue & Disaster Management Department, Dispur	



Members	Designation	Responsibility
	Guwahati (representative of the state revenue department)	<ul style="list-style-type: none"> ➤ Decision will be communicated in writing to aggrieved person ➤ Timeframe for resolve the grievance will be 90 days from receipt of the grievance.
Member Secretary	General Manager (Project), O/o the CGM (PP&I) APGCL Bijulee Bhawan, Guwahati	
Member	Deputy General Manager (PMU), O/o the CGM (PP&I) APGCL Bijulee Bhawan, Guwahati	
Member	Representatives of both Dima Hasao and Karbi Anglong District Autonomous Councils	
Member	Representative of Project Affected Peoples Association's	

4.4 PRESENT STATUS OF GRIEVANCES IN DIMA HASAO DISTRICT

66. Since GRC has been notified and disclosed among the AFs, till December 2021 total 402 grievances have been lodged/received. The summary of grievances is provided in **Table 4-2: Summary of Grievances Received** below. Mostly the grievances are related to compensation for land and assets, followed by new claimants from owners due to inter/intra village migration and delayed implementation of the CRTDP. Delay in R&R assistance and allowances also accounted for majority of complaints.

Table 4-2: Summary of Grievances Received

Sl. No	Name of village	No of Land/ structure holders	No of Grievances	Type of Grievances
District Dima Hasao				
1	Borolangklam	116	13	<ul style="list-style-type: none"> ➤ Compensation of Land and Assets ➤ Compensation Commercial Pan Shop ➤ Compensation of Structure and plot at Relocation Site ➤ Compensation of Land (Fishery) ➤ Disbursement of Compensation and assistances
2	Borolangku	183	109	
3	Chotolangku	15	36	
4	Chotolangpher	30	21	
5	Degremdisa	64	8	
6	Dimalangku	42	13	
7	Disabra	179	8	
8	Krungmenglangso	22	17	
9	Longku-II	46	37	
10	Lorulangso	31	34	
11	Mungkele	119	45	
12	Rongkhelan	2	14	
13	Sokpuru	36	10	
	Tortelangso	67	36	
15	Waperdisa	3	1	
Sub total		955	402	



67. Compensation for land for two affected villages of Karbi Anglong was concluded in December 2021 and socio-economic survey did not commence during the reporting period and once NGO takes up the socio-economic activities, awareness on GRC will be initiated.

4.4.1 GRC RECORD-KEEPING:

68. Records of all grievances received, including contact details of the complainants, dates the complaints received, nature of grievances, agreed corrective actions and when they were implemented, and the final outcome are recorded and kept in the project office. The number of grievances recorded and resolved, and the outcomes will be displayed/disclosed at the project office, APGCL Office in Guwahati, and on APGCL website. A summary of this information will be included in the monthly progress report of NGOs and semi-annual safeguard monitoring reports submitted to ADB. All GRC meeting deliberations and decisions will be recorded and will be available for public reference. If ADB involves in grievance resolution, it will maintain records of its proceedings and disclose them to all parties engaged in the hearings.

4.4.2 GRM COSTS

69. All costs incurred in GRC meetings, consultations, communication, and reporting/information dissemination will be borne by PMU. Cost estimates for grievance redress are included in resettlement cost estimates. ADB will bear the cost of its own involvement in grievance resolution. The complainants are not charged any fee for the service. It is a good practice to provide the AFs with transport facilities to the project offices or cash payment for such expenses by the project, if feasible.

4.4.3 MEETINGS OF GRC

70. The GRCs will meet according to a published timetable. This information will be disseminated among all the AFs, ADCs, and PAPA. Each session/meeting will be held at a place which is convenient for the AFs to attend. The GRC procedures will be communicated through public notices and at the community meetings. The AFs will be made aware of the presence of GRM, its powers, and benefits during consultations and group discussions. At such gatherings, the AFs will be encouraged to discuss their views on the structure and functions of GRM.

CHAPTER 5. STAKEHOLDER ENGAGEMENT

5.1 STAKEHOLDER ENGAGEMENT PROCESS

71. Community consultation and engagement in planning and implementation of LKHEP is playing a key role in smooth project progress. Consultation is continuous process and will be continued throughout the project period. A stakeholder communication strategy was prepared for the project during preparation of CRTDP.

72. The consultation process has used different types of consultation such as in-depth interviews with key informants, focus group discussions, and individual consultations. As part of the consultation process and understanding of different gender perspectives on the proposed project, project-affected women were given an opportunity to voice their views on the project. They were also encouraged to (i) recommend actions that would ensure they too benefit from the Project; and (ii) suggest how to minimize harmful project impacts, if any, on them. Group level gender consultations were also carried out especially, to learn their views regarding income restoration, local area development including the development of health and education facilities in the Project area.

73. For Implementation of Combined Resettlement and Tribal Development Plan of Lower Kopili H.E. Project in Dima Hasao and Karbi Anglong districts of Assam M/s. Consultants for Rural Area Development Linked Economy (CRADLE) JV with Gramya Unnayan Santha, address & Contact No. C/258, Road No. 1C, Ashok Nagar, Ranchi-834002, Jharkhand Tel. No. 0651-2243102 has been engaged. The contract was signed on 13.11.2019 and the NGO commenced field work from 28.11.2019. The completion date as per the contract will be 27.11.2023.

5.2 CONSULTATIONS CONDUCTED BY THE PROJECT TEAM DURING CRTDP PREPARATION

74. During the period between November 2014 and February 2017, the social and environmental safeguard consultants of the project team attended six public consultations organized by APGCL at the proposed project site. APGCL officially notified all stakeholders regarding the place, time, and the venue of such consultations. In these consultations, gaon Buras, General Secretary, President and representatives of PAPA, President of the Assam Democratic Student union (NGO), General Secretary of the Karbi Student Union (NGO), representatives of the Dima Hasao ADC, officials of the Forest Department, and APGCL, and social and environment consultants of the project team were participated.

75. It was agreed that a public consultation and disclosure plan will be formulated and used by the project management unit (PMU) of the project and draft plan was developed as **Table 5-1: Format for Public Consultation and Disclosure Plan** below.

Table 5-1: Format for Public Consultation and Disclosure Plan

Activity	Issues to Discuss	When	Agencies Responsible	Remarks
Consultations with the AFs on land acquisition, compensation and	Discuss with the AFs and other stakeholders (a) their entitlements, (b) compensation rates, and	(a) Pre-project (b) Project planning, (c) Project implementation	PMU/ SESC/ NGO/ LKHEPPAPA	Consultation with community is being



Activity	Issues to Discuss	When	Agencies Responsible	Remarks
Jirat rates, compensation payment – their timelines of delivery.	(c) the grievance redress mechanisms.	phases		conducted by NGO
Consultations on resettlement and rehabilitation of affected families	Discuss (a) entitlements, (b) time frame of compensation payment, and (c) moving to the resettlement site, (d) livelihood restoration and improvement program	TBD	PMU/SESC/NGO/ PAPA	Consultation with community has been conducted by NGO and PMC
Consultative meetings on mitigation measures	Any unforeseen impact during implementation	When needed	PMU/ SESC/NGO/ PAPA	
Project information dissemination	Distribution of project information leaflets/booklets to all AFs	Intermittent	PMU/ SESC/NGO/ PAPA	
Public notification	Publish a list of affected lands / sites in local newspapers. Project commencement details and its progress details will also be publicized	TBD	PMU/SESC/ADCs	
Distribution of key project information and summary of CRTDP among all AFs and stakeholders	Distribute leaflets or booklets in local language on the project, land acquisition, compensation and livelihood restoration and improvement	TBD	PMU/SESC/NGO /PAPA	
Full disclosure of CRTDP to the AFs	Distribute summary CRTDP in local language to all AFs	TBD	PMU/SESC/NGO /PAPA	
Web disclosure of CRTDP	Posting of draft and final copies of the CRTDP on ADB and EA websites	TBD	APGCL/ADB	

5.3 CONSULTATIONS

76. Social and Resettlement Expert, PMC and CRTDP implementation NGO are meeting regularly with PMU and SESC officials. Social and Environmental Expert from PMU are also visiting the project site as and when needed. The meetings details are provided in the table. In follow-up of the CRTDP implementation, consultation with local community, Gaon Buras, School teachers, women groups, health workers have also been conducted. Issues discussed and suggestion are briefed in the following **Table 5-2: Consultations for grievances lodged by LKHEPPAPA held during**



monitoring period, the MoMs and summary provided by NGO are attached with Report as Annexure-4. Glimpse of meetings are presented in Figure 3: Glimpses of Consultations with DPs and APGCL, PMC.

Table 5-2: Consultations for grievances lodged by LKHEPPAPA held during monitoring period

Sl. No.	Date	Venue/ location	Name of the Officials/Person attended	Issues discussed
1	15 th November 2021	Office of GM, Longku/ Inspection Bungalow	GM, AGM, DGM, AM and Social Expert from APGCL, RE, DTL Social and Resettlement Expert from PMC	<ul style="list-style-type: none"> ➤ The meeting was called in response of the grievance made by LKHEPPAPA President on behalf of AFs dated 13.11.2021. the following major points were discussed: <ul style="list-style-type: none"> i) Delay in applicable R&R assistance as per the Second Schedule of RFCT-LARR 2013 ii) Status of the resettlement colony/site for 18 displaced families and status of the constructed model house. iii) Status of landowners who cannot be contacted during the Socio-economic and Census Survey iv) Permanent / temporary employment in construction activities
2	16 th November 2021	Submerging area near forest gate (upstream), and Tortelangso village	DGM/AM and Social Expert from APGCL, Social and Resettlement Expert and Environmental Expert from PMC, PAPA Presidents, schoolteacher from Tortelangso	<ul style="list-style-type: none"> ➤ The meeting was held at village Tortelangso. PAPA President along with Gaon Bura were present during the meeting and site visit. The following issues were discussed: <ul style="list-style-type: none"> ✓ <i>As per Local Villagers contention actual impacts on the structures are more than that was documented in the CRTDP, and the displaced structures list must be updated. A complaint in this regard has already been lodged in the GRC</i> ✓ <i>Apart from the 18 houses, there may be more than 25 structures which according to them are getting affected/submerged, and these needs to be evaluated as per design specifications and incorporated in the microplan.</i> ✓ <i>Local area development schemes should be executed as soon as possible.</i>



Sl. No.	Date	Venue/ location	Name of the Officials/Person attended	Issues discussed
3	22 nd December 2021	Residence of Gaon Bura village Dimalangku	Social and Resettlement Expert PMC, PAPA Presidents, AFs and Gaon Bura	<ul style="list-style-type: none"> ➤ The meeting was conducted to disclose the structure microplan and cross verify the names etc. ✓ Present Gaon Bura verified the details of structures and other details. ✓ PAPA President also consented the existence of structures. ✓ However out of 18 only 6 were verified in this village.

Figure 3: Glimpses of Consultations with DPs and APGCL, PMC



Meeting with villagers, Revenue Department and APGCL/PMC



Visit to Rehabilitation site with villagers 15.11.21



Meeting with Revenue Department of ADC and GM, Social Experts of APGCL/PMC



Jointly visited submergence areas with AFs and PAPA President, APGCL/PMC officials



Meeting with Gaon Bura and PAPA President for microplan disclosure and verifications





Meeting with community on 16.11.21



Meeting with Gaon Bura, Tortelangso School Teacher and President, PAPA



Meeting with Gaon Bura, Chotolangpher School Teacher and President, PAPA



Meeting with Gaon Bura, Degremdisa, Villagers and President, PAPA



Meeting with Gaon Bura, Chotolangku School Teacher and President, PAPA





5.4 MEETING WITH STAKEHOLDERS

77. Regular meetings with the EA/IA and contractors are always help to smooth implementation of social and environmental activities. Major issues discussed are point wise presented in the **Table 5-3: Consultation held with Authority** below and snapshots captured during the consultation are presented in Figure 4: Glimpses of Consultations with Contractor.

Table 5-3: Consultation held with Authority

Sl. No.	Date	Venue/ location	Name of the Officials/Person attended	Issues discussed
1	10 th November 2021	APGCL HQ, Bijulee Bhawan, Guwahati	Project Director, GM, Social & Env Expert, SESC and PMC	<ul style="list-style-type: none"> ➤ Discussion over all the pending Social and Gender Action Plan issues. ➤ Updation of CRTDP should be on priority. ➤ CRTDP implementation NGO asked to abide by the agreed timeline and experts mobilization. ➤ Preparation of microplan may be on priority as the AFs have submitted their grievance for early payment of R&R Assistance. ➤ Status of GRC need to be updated ➤ Public consultation and awareness campaigns

Figure 4: Glimpses of Consultations with Contractor



Meeting with EPC-3 Contractor's Team

RE, PMC plantated a tree at Camp site 18.11.21

Social Expert, AE plantated a tree at Camp site EPC-3

5.5 MEETING CONDUCTED BY NGO

78. Apart from the GRC, Stakeholder meetings, NGO has also conducted the consultation presented in **Table 5-4: Consultation/meetings conducted by NGO** among the community in process of CRTDP implementation. Still photos captured and provided by the NGO in the meeting are provided in Figure 5: Consultation/meetings conducted by NOG. The detailed summary report, attendance sheets and MoMs are attached as Annexure-4.

Table 5-4: Consultation/meetings conducted by NGO

Sl. No.	Date	Venue/ location	Name of the Officials/Person attended	Issues discussed
1	10 th August 2021	Engineer's Hostel, Longku	NGO & Social Safeguard Expert APGCL	<ul style="list-style-type: none"> ➤ Meeting with President and Secretary of PAPA, Mr. Pankaj Hazarika (Social Consultant), Village Headman and Villagers. ➤ Socio economic survey started for the PAFs. ➤ Grievance record mechanism, ➤ Micro Plan to be submitted at earliest. ➤ Progress of relocation and resettlement



Sl. No.	Date	Venue/ location	Name of the Officials/Person attended	Issues discussed
				site.
1	17 th September 2021	Engineer’s Hostel, Longku	NGO & Social Safeguard Expert APGCL	<ul style="list-style-type: none"> ➤ Discussion on the choosing R&R option as instructed by PD APGCL ➤ Awareness on R & R assistance policy and benefit for the PAP ➤ PAFs choice for R&R option ➤ Grievance redressal mechanism

Figure 5: Consultation/meetings conducted by NOG





10th August 2021



17th September 2021

CHAPTER 6. SUMMARY OF MONITORING RESULTS & KEY FINDINGS

79. In order to verify the IR Impacts, during the project implementation, site visits and consultative inspections in the project areas have been monitored by the PIU/PMU with the help of PMC.

6.1 WAY FORWARD

80. The CRTDP implementation is in progress and compensation has been paid to the affected land holders. Regular site visits are being conducted by PMU officials of APGCL, Social and Resettlement Expert, PMC. Team Leader, Social Expert from the CRTDP implementation NGO has been requested to station at site. Consultation and grievance Redressal should be regular monitored.

81. The key observations of the monitoring on the social safeguards implementation in general are summarised as follows:

- Total 122 properties noted in joint assessment sheet and after ground verification/reassessment, further activities like identification of resettlement site, consultation for consent for relocation etc in consultation with PAPA President and concerned affected structure owners.
- Total 955 Affected families out of 1369 land properties have been entitled for R&R & and 7 common/government properties are also identified for relocation.
- Institutional arrangements followed the guidelines of CRTDP and SESC has been established, Environmental and Social Safeguard Expert are positioned. For day to day monitoring, PMC has parallels setup and Social & Resettlement Expert and Environmental Experts are mobilised.
- During the monitoring period community consultations has not been organised by PIU PMC. Public Consultation meeting at the all the villages along the project road needs to organise.
- Grievance Redressal Mechanism has been established and GRC at all the level has been constituted. Total 402 nos of grievance have been noted, meeting of first tier has been done and all grievance has been forwarded to Council Authorities for their comments. Once the observations from council authorities is received the same will be placed for second tier GRC for resolution. Though there is no GRC meeting held at second tier till the monitoring period covered.
- For general grievances, complaint registers have been maintained by the NGO, APGCL, PMC and contractor.
- NGO services should be utilised as per agreed ToR, experts and support staff need to be mobilise in full strength.
- Census and socio-economic survey should be completed in 2 villages of Karbi Anglong also.
- As the microplan of Dima Hasao district has been prepared and submitted for approval, necessary steps to be taken for expedite the approval and subsequently payments.
- Activities associated with Gender Action Plan has not yet initiated, all the activities need to be starts without any further delay.
- Grievance Redressal Mechanism has been established and GRC at all the level has been constituted. The project has noticed several grievances which need to attend immediately.

- The left-out land holders should be given a time frame to produce the documents vetted by concerned Autonomous District Councils.
- Community consultation and meetings were conducted.

Annexure 1: Notification of Appointment of Administrator at State Level

ORDER

The North Cachar Hills Autonomous Council is pleased to recommend the name of Shri Saindesh Ardao, Secretary, Revenue, N.C. Hills Autonomous Council in the equivalent rank of Deputy Collector of Revenue Department for appointment of "Administrator" for monitoring of the Rehabilitation and Resettlement Schemes for Lower Kopili Hydro Electric Project at Longku to be implemented by the Assam Power Generation Co-operation Ltd.

Sd/-
Principal Secretary (N)
N.C. Hills Autonomous Council
Haflong

Memo NO.REV/S/34/2017-2018/ 234

Dated Haflong, the 18th August'2017.

Copy to:-

1. The P.A. to the Hon'ble Chief Executive Member, N.C. Hills Autonomous Council, Haflong for favour of kind appraisal to Hon'ble C.E.M.
2. The Chairman, APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati for favour of kind information.
3. The Addl. Chief Secretary, Power Govt. of Assam, Dispur, Guwahati for favour of kind information.
4. The Deputy Commissioner, Dima Hasao Haflong for favour of information.
5. The Managing Director, Bijulee Bhawan, Paltan Bazar, Guwahati for favour of kind information.
6. The Chief General Manager, Bijulee Bhawan, Paltan Bazar, Guwahati for favour of kind information.
7. Sri. S. Ardao, Secretary, Revenue, N.C. Hills Autonomous Council, Haflong for information and necessary action.
8. Office order file.

Issue No: 642-48

Dated: 18/8/17



Sd/-
Principal Secretary (N)
N.C. Hills Autonomous Council
Haflong

**KARBI ANGLONG AUTONOMOUS COUNCIL
DEPARTMENT OF POWER
KAAC SECRETARIAT
DIPHU-782460.**

No. KAAC/REV/518/2007/

Dated ____/____/2017.

ORDER

The authority of Karbi Anglong Autonomous Council is pleased to recommend the name of Shri/Smt Richard Rongpi, ACS, Under Secretary, Karbi Anglong Autonomous Council for appointment of "Administrator" for monitoring of the Rehabilitation and Resettlement Schemes for Lower Kopili Hydro Electric Project at Longku to be implemented by the Assam Power Generation Co-operation Ltd.

Sd/-
Principal Secretary
Karbi Anglong Autonomous Council
Diphu.

Memo No. KAAC/REV/518/2007/ (713) (A)

Dated ____/____/2017.

Copy to:-

1. The P.A. to the Hon'ble Chief Executive Member, Karbi Anglong Autonomous Council, Diphu for favour of kind approval to Hon'ble C.E.M.
2. The Chairman, APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati for favour of kind information.
3. The Addl. Chief Secretary, Power Govt. of Assam, Dispo. Guwahati for favour of kind information.
4. The Deputy Commissioner, Karbi Anglong, Diphu/ West Karbi Anglong, Hamren.
5. The Managing Director, Bijulee Bhawan, Paltan Bazar, Guwahati for favour of kind information.
6. The Chief General Manager, Bijulee Bhawan, Paltan Bazar, Guwahati for favour of kind information.
7. Shri/Smt Richard Rongpi, ACS, Under Secretary, KAAC for information and necessary action.
8. Office order file.

Principal Secretary
Karbi Anglong Autonomous Council
Diphu.

Annexure 2: Office order regarding constitution of the GRC

	ASSAM POWER GENERATION CORPORATION LIMITED Registered Office: Bijulee Bhawan, 3 rd floor, Paltan-bazar, Guwahati-781 001, Assam Sri. Utpal Gohain Project Director Lower Kopili Hydro Electric Project (LKHEP) E-mail: pdpmu@apgcl.com
No: APGCL/LKHEP/PD/2017-18/21/Part-I/45	Dated: 17.06.2020
<u>OFFICE ORDER</u>	
Sub: Constitution of a three tier Grievance Redressal Committee for Lower Kopili Hydro Electric Project to be implemented under assistance from ADB by APGCL.	
With the approval of the Competent Authority, the three tier Grievance Redressal Committee for 120 MW Lower Kopili Hydro Electric Project is hereby constituted for Redressal of the grievances related to social and environmental issues of Project Affected Families (PAFs).	
A) First Tier of GRC	
Site Engineer of APGCL	Deputy Manager (Civil) Lower Kopili Construction Division, APGCL, Lanka, Hojai District, PIN-782446
Site Engineers of Civil & Hydro-mechanical Contractor & Electro-mechanical Contractor	To be Notified in due course
Gaon Burahs of Affected Villages	<u>Dima Hasao District:</u> 1) Digremdisa 2) Borolangklam 3) Dimalongku 4) Sokpuru 5) Torthelangso 6) Borolongku 7) Krungminglangso 8) Rongkhian 9) Chotolangpher 10) Chotolongku 11) Lorulangso 12) Disabra 13) Mungkele 14) Waperdisa 15) Longku-II
	<u>Karbi Anglong District:</u> 1) Cherimthepl 2) Langsomepi
B) Second Tier GRC	
Deputy General Manager, Civil, (PMU) O/o the Chief General Manager (PP&I), APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-781001	Chairman
Secretary, Revenue North Cachar Hills Autonomous Council, Haflong Dima Hasao District.	Member
Secretary, Revenue Karbi Anglong Autonomous Council, Diphu Karbi Anglong District.	Member
Assistant General Manager (Civil) Lower Kopili Construction Division, APGCL, Lanka, Hojai District, PIN-782446	Member-Secretary

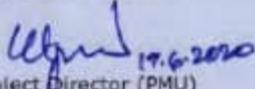
Environment Expert & Social Safeguards Expert Lower Kopili Hydro Electric Project, APGCL Bijulee Bhawan, Paltan Bazar, Guwahati-781001	Members
Contractor's Representative	Member
Project Affected Peoples Association's Representative	Member
Women's Representative	Member

C) Third Tier GRC

Chief General Manager (PP&I) / Project Director, APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-781001	Chairman
Secretary to the Govt. of Assam, Revenue & Disaster Management Department, Dispur, Guwahati-06 (Representative of the State Revenue Department)	Member
General Manager (Project), O/o the Chief General Manager (PP&I), APGCL Bijulee Bhawan, Paltan Bazar, Guwahati-781001	Member Secretary
Deputy General Manager (PMU), O/o the Chief General Manager (PP&I), APGCL Bijulee Bhawan, Paltan Bazar, Guwahati-781001	Member
Representative of both Dima Hasao and Karbi Anglong District Autonomous Councils	Members
Representatives of Affected persons association	Members

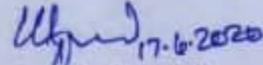
Powers and Functions of Grievance Redressal Committee:-

- A) First Tier of Grievance Redressal Committee will receive grievances and complaints of the aggrieved party and in consultation will try to resolve the same within 15 (fifteen) days. Complaints and grievances will be recorded and the same will be made available during inspection. Contact Details of Gaon Burahs, contractors and project site engineers will be prominently displayed at all construction site offices. The complaints and grievances not resolved at the project level will subsequently be placed in the Second Tier of the GRC.
- B) The second tier of the GRC will have a Member Secretary who will receive complaints and grievances. He may call representatives of project related agencies and Gaon Burahs of the project affected villages to participate in the GRC meetings. Record of each complaint and grievance will be maintained and decision taken will be conveyed in writing to the Affected Persons. Time frame to resolve the issues by the 2nd tier is 45 (forty five) days from the date of receipt of the complaint. In case the grievance cannot be resolved the same needs to be forwarded to the 3rd tier for further action.
- C) The third tier is the APGCL appellate authority located at Guwahati. The Chairman may call representatives of project affected persons, survey department and Gaon Burahs of the project area to participate in GRC meetings. The time frame to resolve the grievance is 90 (ninety) days from registration of the complaint. Any decision taken should be in writing and recorded and the concerned person will be intimated on the decision taken.


Project Director (PMU)
Lower Kopili H. E. Project, APGCL

Copy to:

- 1) The P.S to the Chairman, APGCL/AEGCL/APDCL, Bijulee Bhawan, Paltan Bazar, Guwahati- 01 for kind information of the Hon'ble Chairman.
- 2) The Principal Secretary, Power (Elec.) Department, Govt. Of Assam, Dispur, Guwahati-06, for kind information.
- 3) The Managing Director, APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-01 for kind information.
- 4) The Secretary to the Govt. of Assam, Revenue & Disaster Management Department, E-Block, Assam Secretariat, Dispur, Guwahati-06 for kind information.
- 5) The Secretary (Revenue), North Cachar Hills Autonomous Council (NCHAC), Dima Hasao District, Haffong- 788819 for kind information.
- 6) The Secretary (Revenue), Karbi Anglong Autonomous Council (KAAC), Karbi Anglong District, Diphu- 782460 for kind information.
- 7) The General Manager (Project), O/o the Chief General Manager (PP&I), APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati- 01, for information.
- 8) The Chief Executive Officer, KANCH Electrical Circle, CAR, APDCL, Diphu-782460 for information.
- 9) The Deputy General Manager (PMU), O/o the Chief General Manager (PP&I), APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-01, for information.
- 10) The Deputy General Manager, Civil, (PMU), O/o the Chief General Manager (PP&I), APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati- 01, for information.
- ✓ 11) The Assistant General Manager (Civil), APGCL, Lower Kopili Construction Division, Lanka, Hojai District, PIN- 782446 for information.
- 12) The Deputy Manager (Civil), APGCL, Lower Kopili Construction Division, Lanka, Hojai District, PIN- 782446 for information.
- 13) The Environment Expert APGCL Lower Kopili H. E. Project, Bijulee Bhawan, Paltan Bazar, Guwahati-01 for information.
- 14) Social Safe Guard Expert, APGCL Lower Kopili H. E. Project, Bijulee Bhawan, Paltan Bazar, Guwahati-01 for information.
- 15) The Gaon Burahs of Affected Villages, Dima Hasao & Karbi Anglong Districts for information.
- 16) The President, Project Affected Peoples Association, Dima Hasao & Karbi Anglong Districts for information.
- 17) Relevant file.

 17.6.2020

Project Director (PMU)
Lower Kopili H. E. Project, APGCL

Date of Submission	Nature of Grievances

Signature

Table 5: Entitlement Matrix

Category	Type of Impact	Entitlements	Institution (s) Responsible to Deliver	Remarks
Part 1. Compensation for land losses including crops and trees – For all Affected Households				
Patta Land (Registered, long-term leased land)	- Loss of paddy land - Loss of land with valuable spice plants	1. Compensation rates proposed by ADC and agreed with GoA and the leaseholders (APs). 2. <i>Jirat</i> values ⁴⁵ assigned by ADC to land and agreed by GoA, APGCL, and leaseholders (APs) 3. Fresh land leaseholds in nearby areas on priority basis as per ADC's regulations.	APGCL and ADC Revenue Officer of ADC	1. Compensation payment by the two ADCs, supervised by a committed comprising representatives of PAPA, APGCL and ADC 2. Payment by online transfer or check written in head of family or leaseholder's name. ⁴⁶ 3. <i>Gaon bura</i> in each affected community will in consultation with ADC will allocate fresh land on leasehold to those who are fully or partially displaced.
Non-patta land (Non-registered short-term leased land)	- Loss of dry land (highland)	1. Compensation rates proposed by ADC and agreed among ADCs, GoA, and the APs. 2. <i>Jirat</i> value assigned by ADC and agreed by APGCL and leaseholders (APs);	APGCL, and ADC Revenue Officer, ADC	1. Compensation payment by the two ADCs, supervised by a committed comprising representatives of PAPA, APGCL and ADC 2. Payment by online transfer or check written in head of family or leaseholder's name. ⁴⁷

⁴⁵ Value of the assets attached to land and the cost of land development. The *jirat* was decided by the ADC in consultation with the APs, Revenue Department of GoA and ADCs.

⁴⁶ Joint account of husband and wife or check issued in both husband's and wife's names will be encouraged subject to APs willingness and regulatory compliance.

⁴⁷ Joint account of husband and wife or check issued in both husband's and wife's names will be encouraged subject to APs willingness and regulatory compliance.

Category	Type of Impact	Entitlements	Institution (s) Responsible to Deliver	Remarks
		3. Fresh land leaseholds in nearby areas on priority basis as per ADC's regulations.		3. <i>Gaon bura</i> in each affected community in consultation with ADC will allocate fresh land on leasehold to those who are fully or partially displaced.
Trees and cultivated crops	<ul style="list-style-type: none"> - Loss of Trees, and plants - Loss of Paddy cultivation 	Annual average income x the remaining productive years ⁴⁸	APGCL, ADC, Department of Agriculture, GOA	Official compensation rates will be established by the Agricultural Department before land acquisition
Part 2. Relocation of Physically Displaced Households and Structures Affected				
Homestead and house	- Loss of residential homestead and dwelling	<p>1. A land parcel of 150sqm per household at the resettlement site will be given free, and it shall be free from all encumbrances. Land tenure security at the site is guaranteed. The resettlement site will have basic amenities and road connectivity with outside.</p> <p>2. A new house as per <i>Indira Awas Yojana</i> specifications will be provided and each physically displaced household will get tenure security.</p> <p>Or</p> <p>3. If the physically displaced household preferred, it could obtain the equivalent replacement cost of the house in lieu of the house. A fully affected house will receive at least Rs150,000 and a partially affected</p>	APGCL, ADC, GOA	<p>1. Agencies work closely with affected households and their PAPA in developing the relocation site.</p> <p>2. House plans and budget are to be agreed to by APGCL, ADC and affected households.</p> <p>3. APGCL and ADCs will coordinate with the <i>Pradhan Mantri Awaas Yojana – Gauri</i> Program in Assam in choosing the design and construction of houses.</p> <p>4. APGCL will develop the resettlement site with basic amenities such as water, drainage, roads, school, play ground and community hall.</p>

⁴⁸ The remaining productive years are determined considering total lease period and continuation of the lease contract. After the leasehold is over, the leaseholder does not have any claim over the land or its products.

Category	Type of Impact	Entitlements	Institution (s) Responsible to Deliver	Remarks
		household will receive at least Rs100,000.		5. APGCL will provide funds to build houses or compensation packages in lieu of houses.
Household Structures	- Loss of livestock sheds/pens and petty shops	Rs25,000 as one-time financial assistance per affected household	APGCL, ADC, GOA	Identification, recording current status, and the value of livestock sheds/pens and petty shops for artisan, and small trading will be ascertained by APGCL prior to land acquisition and compensation payment
Other Household Assets	- Affected private assets such as water pumps	Replacement cost	APGCL, ADC	Identification, recording current status and the value of the items will be estimated prior to land acquisition and compensation payment.
Transportation Assistance	- Shifting of household belongings, salvaged building materials, and animals	Rs 50,000 per physically displaced household	APGCL, ADC, PAPA	No deduction will be made for the salvaged timber and construction material. Sufficient notice regarding free transportation of household goods will be given to each displaced household. Cost will be borne by APGCL. Salvaged items such as timber will also be transported free of charge.
Subsistence Allowance	- Physically displaced households	Monthly subsistence allowance of Rs 3,000 for 12 months	APGCL, ADC	Pay the household chief by a check direct by APGCL
Public Facilities	- Loss of public infrastructure facilities	1. Piped water supply 2. Sanitation and drainage 3. Health care centre 4. Higher secondary school 5. Playground	APGCL, relevant ADC departments	Consult the community on location, type and cost of facility reconstruction APGCL will pay for the construction of the facilities.
Common property	- Loss of common land	1. Community land for public purposes at the relocation site	APGCL, ADC	Consult the affected households and PAPA on the location, type, cost estimates of facilities.

Category	Type of Impact	Entitlements	Institution (s) Responsible to Deliver	Remarks
		2. Grazing rights on nearby land or an allowance to buy fodder in lieu of the lost grazing land. If not provided, 100 days of Minimum Assured Wages (MAW) per year for 05 years as a grant towards the loss of fuel and fodder		
Stamp Duty and Registration		The stamp duty and the other fees payable for land registration for permanent land lots at the resettlement sites and for new leaseholds. The land for houses allotted to physically displaced households will be registered in head of the family's name ⁴⁹ property.	APGCL, ADCs	APGCL will bear the costs of stamp duty and land registration.
Part 3. Income Restoration and Improvement of Affected Households				
Resettlement Allowance⁵⁰	- All affected households	One-time resettlement allowance of Rs 50,000 per physically displaced household	APGCL, ADC, PAPA	Pay the household chief by a check direct
Special subsistence allowance for each affected scheduled tribal household⁵¹	- Additional assistance for scheduled tribal households	Rs50,000 per scheduled tribe household	APGCL, ADC	Pay the household chief by a check direct by APGCL

⁴⁹ Registration in both husband's and wife's names will be encouraged subject to APs' willingness and regulatory compliance.

⁵⁰ As per the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (The Act 2013)

⁵¹ As per the Act 2013.

Category	Type of Impact	Entitlements	Institution (s) Responsible to Deliver	Remarks
Income Restoration and Improvement	- Recovery and improvement of household income	<p>Where jobs are created through the project, after providing suitable training and skill development in the required field, make provisions for employment at a rate not lower than the minimum wages provided for in any other law for the time being in force, to at least one member per affected family in the project or arrange for a job in such other project as may be required,</p> <p><u>Or</u></p> <p>One-time payment of Rs500,000 per affected household</p> <p><u>Or</u></p> <p>Annuity of Rs2,000 per month for 20 years with appropriate indexation to the Consumer Price Index for agricultural labourers.</p> <p>Unskilled employment at project sites will be given to the local people including the APs on priority basis.</p>	APGCL, ADC	<p>1. Income generating program will be launched by APGCL well in advance of land acquisition</p> <p>2. APGCL will explain and discuss with APs, PAPA, and ADC the program.</p> <p>3. In case of one-time payment of lump-sum, households will receive money from their ADC before economic or physical displacement.</p> <p>4. Payment by check to each affected household.</p>
Skill Training	- Developing income generation opportunities	<p>Affected persons will be offered necessary skill training for the development of entrepreneurship, technical and professional skills for self-employment; e.g.,</p> <ol style="list-style-type: none"> 1. Agricultural equipment operation 2. Motor mechanics 3. Electric equipment repair 	APGCL, ADC, national and state level vocational training institutions	<p>APGCL and ADC will coordinate with national level and state level agencies to enlist the APs in their programs, where possible.</p> <p>APGCL and ADCs will focus on the revival and protection of tribal crafts, weaving of tribal clothes, and tribal</p>

Category	Type of Impact	Entitlements	Institution (s) Responsible to Deliver	Remarks
		4. Driving 5. Sawing 6. Tribal crafts, clothes, and artifacts 7. Cottage industries		artifacts. Suitable marketing facilities will be provide as part of skill training program.
Fishing Rights	-	Each affected household has fishing rights in the reservoir, as determined by the GOA and ADC	APGCL, ADC, GA???	APGCL will develop a plan for the allocation of fishing rights in the reservoir among affected households before project construction activities start. Affected households will have priority in receiving fishing permits in the reservoir.
Part 4. Local Area Development				
Educational facilities		1. Five schools with the following facilities at each: building (classrooms 4+office room+1 hall+ white washing and painting; 2. Furniture and fixtures; Equipment for laboratories; 3. Upgrade of school library; 4. Improvement of drinking water facility; 5. Improvement of toilet facilities	APGCL, ADC, GOA	APGCL, ADC and GOA will consult PAPA and affected households in selecting the locations, planning, construction of facilities with PAPA and affected households.

Minutes of the Meetings

Implementation of Combined Resettlement and Tribal Development Plan of Lower Kopili
Hydro Electric Project in Dima Hasao and Karbi Anglong Districts of Assam

Report submitted by:	CRADLE
Date of Report:	10th Aug. 2021
Place of Meeting	Lanku Guest House
Purpose of Meeting	Meeting with stakeholders about GRC

Attendees

S.No.	Name	Project Role	Agency
1	Mr. Pankaj Hazarika	Social Safeguard Consultant	PMU
2	Mr. Mukut deka	Livelihood Expert	GUS
3	Vidyasing Ingti	Vice president	PAPA
4	Mr.Ashok Sah	Team Leader	CRADLE
5	Mr.Prem Mishra	Project Coordinator	CRADLE
6	Mr. Karuna Bora	Field Coordinator	GUS
7	Ms. Sangeeta Goyari	Field Coordinator	GUS

Agenda

S.No.	Agenda
1.	Meeting with President and Secretary of PAPA, Mr.Pankaj Hazarika (Social Consultant), Village Headman and Villagers .
2.	Socio economic survey started for the PAPs

Minutes

Meeting 10th Aug. 2021

Main points of Discussion:

The points discussed :

- (i) Grievance record mechanism,
- (ii) Micro Plan to be submitted at earliest.
- iii) Progress of relocation and resettlement site.

Synopsis of the Meeting:

During the meeting Social expert PMU explained the process of GRM, and asked village headman and PAPA to select their representation for GRC. He informed that NGO will create awareness program on how GRC will function and how to collect authentic grievances.

NGO is the facilitating factor in GRM so they will help villagers for their genuine Grievances and will facilitate for resolution by the three tire.

Many villagers raised their issues and the team listen all these. It was advised to them to wait for sometime when GRC will collect they can produce their issues but only genuine issues will be addressed so requested the PAPs to raise only genuine issues.

Stakeholders Meeting attendance Sheet

Topic of the meeting: ² ³ ⁴ ⁵ ⁶ ⁷ ⁸ ⁹ ¹⁰ ¹¹ ¹² ¹³ ¹⁴ ¹⁵ ¹⁶ ¹⁷ ¹⁸ ¹⁹ ²⁰ ²¹ ²² ²³ ²⁴ ²⁵ ²⁶ ²⁷ ²⁸ ²⁹ ³⁰ ³¹ ³² ³³ ³⁴ ³⁵ ³⁶ ³⁷ ³⁸ ³⁹ ⁴⁰ ⁴¹ ⁴² ⁴³ ⁴⁴ ⁴⁵ ⁴⁶ ⁴⁷ ⁴⁸ ⁴⁹ ⁵⁰ ⁵¹ ⁵² ⁵³ ⁵⁴ ⁵⁵ ⁵⁶ ⁵⁷ ⁵⁸ ⁵⁹ ⁶⁰ ⁶¹ ⁶² ⁶³ ⁶⁴ ⁶⁵ ⁶⁶ ⁶⁷ ⁶⁸ ⁶⁹ ⁷⁰ ⁷¹ ⁷² ⁷³ ⁷⁴ ⁷⁵ ⁷⁶ ⁷⁷ ⁷⁸ ⁷⁹ ⁸⁰ ⁸¹ ⁸² ⁸³ ⁸⁴ ⁸⁵ ⁸⁶ ⁸⁷ ⁸⁸ ⁸⁹ ⁹⁰ ⁹¹ ⁹² ⁹³ ⁹⁴ ⁹⁵ ⁹⁶ ⁹⁷ ⁹⁸ ⁹⁹ ¹⁰⁰ ¹⁰¹ ¹⁰² ¹⁰³ ¹⁰⁴ ¹⁰⁵ ¹⁰⁶ ¹⁰⁷ ¹⁰⁸ ¹⁰⁹ ¹¹⁰ ¹¹¹ ¹¹² ¹¹³ ¹¹⁴ ¹¹⁵ ¹¹⁶ ¹¹⁷ ¹¹⁸ ¹¹⁹ ¹²⁰ ¹²¹ ¹²² ¹²³ ¹²⁴ ¹²⁵ ¹²⁶ ¹²⁷ ¹²⁸ ¹²⁹ ¹³⁰ ¹³¹ ¹³² ¹³³ ¹³⁴ ¹³⁵ ¹³⁶ ¹³⁷ ¹³⁸ ¹³⁹ ¹⁴⁰ ¹⁴¹ ¹⁴² ¹⁴³ ¹⁴⁴ ¹⁴⁵ ¹⁴⁶ ¹⁴⁷ ¹⁴⁸ ¹⁴⁹ ¹⁵⁰ ¹⁵¹ ¹⁵² ¹⁵³ ¹⁵⁴ ¹⁵⁵ ¹⁵⁶ ¹⁵⁷ ¹⁵⁸ ¹⁵⁹ ¹⁶⁰ ¹⁶¹ ¹⁶² ¹⁶³ ¹⁶⁴ ¹⁶⁵ ¹⁶⁶ ¹⁶⁷ ¹⁶⁸ ¹⁶⁹ ¹⁷⁰ ¹⁷¹ ¹⁷² ¹⁷³ ¹⁷⁴ ¹⁷⁵ ¹⁷⁶ ¹⁷⁷ ¹⁷⁸ ¹⁷⁹ ¹⁸⁰ ¹⁸¹ ¹⁸² ¹⁸³ ¹⁸⁴ ¹⁸⁵ ¹⁸⁶ ¹⁸⁷ ¹⁸⁸ ¹⁸⁹ ¹⁹⁰ ¹⁹¹ ¹⁹² ¹⁹³ ¹⁹⁴ ¹⁹⁵ ¹⁹⁶ ¹⁹⁷ ¹⁹⁸ ¹⁹⁹ ²⁰⁰ ²⁰¹ ²⁰² ²⁰³ ²⁰⁴ ²⁰⁵ ²⁰⁶ ²⁰⁷ ²⁰⁸ ²⁰⁹ ²¹⁰ ²¹¹ ²¹² ²¹³ ²¹⁴ ²¹⁵ ²¹⁶ ²¹⁷ ²¹⁸ ²¹⁹ ²²⁰ ²²¹ ²²² ²²³ ²²⁴ ²²⁵ ²²⁶ ²²⁷ ²²⁸ ²²⁹ ²³⁰ ²³¹ ²³² ²³³ ²³⁴ ²³⁵ ²³⁶ ²³⁷ ²³⁸ ²³⁹ ²⁴⁰ ²⁴¹ ²⁴² ²⁴³ ²⁴⁴ ²⁴⁵ ²⁴⁶ ²⁴⁷ ²⁴⁸ ²⁴⁹ ²⁵⁰ ²⁵¹ ²⁵² ²⁵³ ²⁵⁴ ²⁵⁵ ²⁵⁶ ²⁵⁷ ²⁵⁸ ²⁵⁹ ²⁶⁰ ²⁶¹ ²⁶² ²⁶³ ²⁶⁴ ²⁶⁵ ²⁶⁶ ²⁶⁷ ²⁶⁸ ²⁶⁹ ²⁷⁰ ²⁷¹ ²⁷² 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Stakeholders Meeting attendance Sheet

Grievance Redressal Mechanism, preparation & submission of Micro plan, program of Relocation & settlement Site

Topic of the meeting :

Location/Venue : LONKU SITE OFFICE
D, H

Date of the meeting : 10 Aug 2021

Project Package Name : 23 L. K. H. E. P

Sl. No	Participants Name	Occupation	ST/SC/GEN	Sex	Contact No.	signature
16	Malota pabelosa	Agri	ST	M.	995417142 2	M. pabelosa
17	Debanan Thachen	"	ST	M.	-	
18	Urendea Johari	"	ST	M.	-	
19	Pingphadi phenglo	"	ST	M.	-	
20	Pujyamonj Kempka	"	ST	M.	6026074927	6026074927 R. Kempka
21	Braja Jonda Longhay	"	ST	M.	-	
22	ଅରୁଣ କୁମାର	"	ST	M.	845390 4544	ଅରୁଣ କୁମାର 8453909
23	Bhadi KHAKLAP	"	ST	F	90999234 23	B. Khaklap
24	SUKHI MARTI	"	ST	F	-	
25	MINATI Doimaei	"	ST	F	-	
26	DEBOTI Doimaei	"	ST	F	989656 0864	DEBOTI Doimaei
27	chanice Baxmatari	"	ST	F	-	
28	DIPA Gaimary	"	ST	F	936230 2658	DIPA
29	Rupk Admal	ORADYE operator	ST	M.	8721871754	Rupk Admal
30	KACENA BORA	Dr. A.O.	AN	M.	010166922 4	KACENA



Minutes of the Meetings

Implementation of Combined Resettlement and Tribal Development Plan of Lower Kopili Hydro Electric Project in Dima Hasao and Karbi Anglong Districts of Assam

Report submitted by:	CRADLE
Date of Report:	17 th Sep 2021
Place of Meeting	Langku APGCL guest house, Dima Hasao
Purpose of Meeting	Discussion on the choosing R&R option as instructed by PD APGCL

Attendees

S.No.	Name	Project Role	Agency
1	Mr.Karuna Bora	Field coordinator	GUS
2	Mr.PankajDeka	Field Coordinator	GUS
3	Ms. Sunmoni	Field Coordinator	GUS
4	Ms. Sangeeta Goyari	Field Coordinator	GUS
5	Mr. Vidyasingh Ingti	Vice President	PAPA

Agenda

S.No.	Agenda
1.	Awareness on R& R assistance policy and benefit for the PAP
2.	PAPs choice for R&R option
3.	Grievance redressal mechanism

Minutes

Meeting on 17th Sep. 2021

Synopsis of the Meeting:

As per the instruction of Project director an initiative was taken to collect the consent of the PAPs regarding the choice of the PAPs regarding R&R assistance.

As per the project entitlement there are three options

Where jobs are created through the project, after providing suitable training and skill development in the required field, make provisions for employment at a rate not lower than

- the minimum wages provided for in any other law for the time being in force, to at least one member per affected family in the project or arrange for a job in such other project as may be required,
- Or One-time payment of Rs500,000 per affected household
- Or Annuity of Rs2,000 per month for 20 years with appropriate indexation to the Consumer Price Index for agricultural labourers.

So PAPs can choose their suitable options and submit the NGO team which will be submitted to APGCL for further consideration.

All the queries of the PAPs were explained thoroughly. Mostly the questions of job in APGCL were raised by the PAPs and youths so it was very clearly informed to the youths that APGCL could not give job in APGCL. The opportunity will create in the project site during the construction and post construction period and youth will be trained as per the capacity and aspiration of the youth and accordingly they can engage with the contractors in the project site.

On this issues some of the grievances raised by the youths. So of the PAPs consent collected.

The team discussed about grievance redress mechanism with villagers, how to record the grievance and methodology for redress like tier system.

So with all this discussion the meeting was ended with vote of thanks

Stakeholders Meeting attendance Sheet

Topic of the meeting: Meeting with PAPA and village head men
request for contacting left out PAPs.

Location/Venue: Longken Guest House Date of the meeting: 17.09.2021

Project Package Name: LKHEP

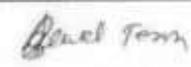
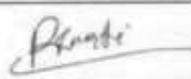
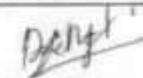
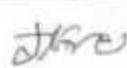
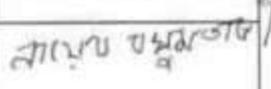
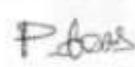
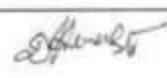
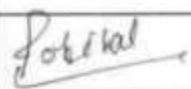
Sl No	Participants Name	Occupation	ST/SC/GEN	Sex	Contact No.	signature
	Sri Beval Tom	agri	ST	M	600781002	<i>Beval Tom</i>
	Ramalinga Engir	"	"	"	-	<i>Ramalinga</i>
	Prasanna chand	Agri	ST	M	9401221 954	<i>Prasanna</i>
	Joyon phanglo	"	"	"		<i>Joyon</i>
	Sidhasingh rajji	Business	ST	M	910188772	<i>Sidhasingh</i>
	Nayab Samadani	Govt	ST	M		<i>Nayab Samadani</i>
	Wilson Rao	Business	ST	M	600144190	<i>Wilson</i>
	Pollabandma Lau jagapu	"	"	"		<i>Pollabandma</i>
	Debalal warisa	agri	ST	M	60023494 47	<i>Debalal warisa</i>
	Subnath Kempzai	G.B.	"	"		<i>Subnath</i>
	Sansing Tom	Business	ST	M	9066177059	<i>Sansing</i>
	Pobital Kempzai	G.B.	"	"		<i>Pobital</i>
	porash Hosi	BUSINESS	"	"	953118458	<i>porash Hosi</i>
	Hansing Senon	G.B.	"	"		<i>Hansing</i>

Stakeholders Meeting attendance Sheet

Topic of the meeting: Meeting with PAPA and village head men request for contacting left out PAPs.

Location/Venue: Longku guest house Date of the meeting: 17.09.2021

Project Package Name: LKHEP

Sl. No	Participants Name	Occupation	ST/SC/GEN	Sex	Contact No.	signature
	Sri Bewal Tom	Agri	ST	M	610 781 002	
	Ram Singh Singh	"	"	"	-	
	Bhajan Singh	Agri	ST	M	140/221 954	
	Joyon Phanglo	"	"	"		
	Bidhasingh Singh	Business	ST	M	9101887172	Bidhasingh Singh
	Nayab Basu Antari	Agri	ST	M	-	
	Bijon Karo	Business	ST	M	600441900	
	Palbendra Sawlogpu	"	"	"		
	Debi Lal Warisa	Agri	ST	M	60023496 47	Debi Lal Warisa
	Subinath Karmazai	G.B.	"	"		
	Sansing Tom	Business	ST	M	9864177054	
	Pobital Karmazai	G.B.	"	"		
	Povesh Hozai	BUSINESS	"	"	953118488	Povesh Hozai
	Hansing Senon	G.B.	"	"		