



Social Monitoring Report

PUBLIC

Semestral Report: January 2024 – June 2024
October 2024

India: Uttarakhand Climate Resilient Power System Development Project

Prepared by the Power Transmission Corporation of Uttarakhand Limited (PTCUL) for the Asian Development Bank (ADB).

Asian Development Bank

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Social Safeguards Monitoring Report

SFG Log: 6325

Reporting Period January 2024 to June 2024
Date 06 July 2024
Loan Number- 4402

Uttarakhand Climate Resilient Power System Development Project

Prepared by the [Power Transmission Corporation of Uttarakhand Ltd.\(PTCUL\)](#) for the Asian Development Bank

This social safeguard monitoring report is a document of the borrower and made publicly available in accordance with ADB's Access to Information Policy 2018 and the Safeguard Policy Statement 2009. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff.

LIST OF ABBREVIATIONS

ADB	Asian Development Bank
ckm	circuit kilometer
CSS	compact substation
EDD	Electricity Distribution Directorate
EHV	Electricity High Voltage
EMP	Environment Management Plan
EPC	Engineering, procurement, and construction
GRM	grievance redress mechanism
ha	hectare
HDD	horizontal directional drilling
HVDC	High Voltage Direct Current
km	kilometer
kV	kilovolt
LILO	Line In Line Out
LT	Low Tension
m ²	square meter
MOP	Ministry of Power
PIU	Project Implementation Unit
PMU	Project Management Unit
PTCUL	Power Transmission Corporation of Uttarakhand Limited
RMU	Ring Main Unit
ROW	right of way
UPCL	Uttarakhand Power Corporation Limited
UREDA	Uttarakhand Renewable Energy Development Agency
GoU	Government of Uttarakhand

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Executive Summary

Project Name	
Executing Agency	GoU
Implementing Agency	PTCUL
<ul style="list-style-type: none"> Involuntary Resettlement Safeguards Categorization Indigenous Peoples Safeguards Categorization 	<p>categorized “B” for Involuntary Resettlement (IR)</p> <p>categorized “C” for Indigenous Peoples (IP),</p>
Resettlement and/or Indigenous Peoples Safeguards Documentation	https://www.adb.org/projects/51308-008/main
Summary of Involuntary Resettlement and/or Indigenous Peoples Impacts	<p>Substations proposed on land allotted by GoU and UPCL and purchase from Private owners.</p> <p>No compulsory land acquisitions</p> <p>Tower foundation, erection, and stringing require temporary compulsory land acquisitions</p> <p>Limited physical/economic displacement</p> <p>no impacts on Indigenous Peoples</p>
Project Stage Obtained	Construction
Detailed Design Required Post-Approval	Yes, Project Zero date has not started, Progress-0%
Contract(s) Awarded	<ol style="list-style-type: none"> 1) Construction of 220 KV Substation Selaqui, Dehradun awarded to Flowmore Limited, JV with Jiangsu Jingdian Electric Co., Ltd., (Package-1, Lot-1) – Contract awarded & LoA issued 2) Construction of 4 Nos. 132 KV Substations - <ul style="list-style-type: none"> • Construction of 132/33 kV GIS substation Araghar • Construction of 132/33 kV GIS substation Dhaulakhera • Construction of 132/33 kV GIS substation Khatima-II • Construction of 132/33 kV GIS substation Lohaghat awarded to Flowmore Limited, JV with Jiangsu Jingdian Electric Co., Ltd (Package-1, Lot-2) – Contract awarded & LoA issued 3) Construction of 220/132/33kV (2X160 MVA + 2x40 MVA AIS Substation, Manglore, Haridwar. awarded to M/s Trans Global Power Limited. (Package-2,) – Contract awarded & LoA issued 4) Construction of LILO of 220kV Roorkee-Nara line at proposed 220kV Substation, Manglore awarded to M/s Salasar Techno Engineering Ltd (Package-3, Lot-1) – Contract awarded & LoA issued
Bidding Document(s) Include Relevant Involuntary Resettlement and/or Indigenous Peoples Provisions	N/A
Contract(s) Awarded Include	N/A

Relevant Involuntary Resettlement and/or Indigenous Peoples Provisions	
Contractor(s) Given Access to Site	Yes
Construction Progress (%)	Construction of 220 KV Substation Selaqui , -0% Construction of 132/33 kV GIS substation Araghar-0% Construction of 132/33 kV GIS substation Dhaulakhera-0% Construction of 132/33 kV GIS substation Khatima-II-0% Construction of 132/33 kV GIS substation Lohaghat-0% Construction of 220/132/33kV AIS Substation, Manglore, -0% Construction of LILO of 220kV Roorkee-Nara line at proposed 220kV Substation, Manglore-0%
Unanticipated Impacts including Change of Scope or Design	No
Number of Site Inspections and Audits Undertaken by IA Safeguards Staff during Reporting Period	10
Corrective Action Required from Previous Reporting Period	N/A
Outstanding Corrective Action this Reporting Period	N/A
Non-Compliances Recorded this Reporting Period	Most of correction action has been compiled and some actions like appointment of PISC and public consultation etc have been left which shall be taken up within 01 month.
Corrective Action Required	Yes
GRM Functional	Yes (Attached in Appendix A)
Number of Unresolved Grievances from Prior Reporting Period	N/A
Number of Grievances Received in Reporting Period	N/A
Number of Grievances Resolved this Reporting Period	N/A
Number of Grievances Still Outstanding	N/A
Number of Grievances referred to Court of Law	N/A
Number of Grievances referred to the Accountability mechanism	N/A

1.0 Introduction

1.1 Brief Project Description

Power Transmission Corporation of Uttarakhand Limited (referred as PTCUL) is a Government of Uttarakhand Enterprise and a Government Company under the companies Act, 1956. The objective of PTCUL is to acquire, establish, construct and operate extra high voltage, high voltage, medium voltage and low voltage lines and associated sub-stations equipment apparatus, cable & wires and co-ordination of Transmission facilities for the state of Uttarakhand.

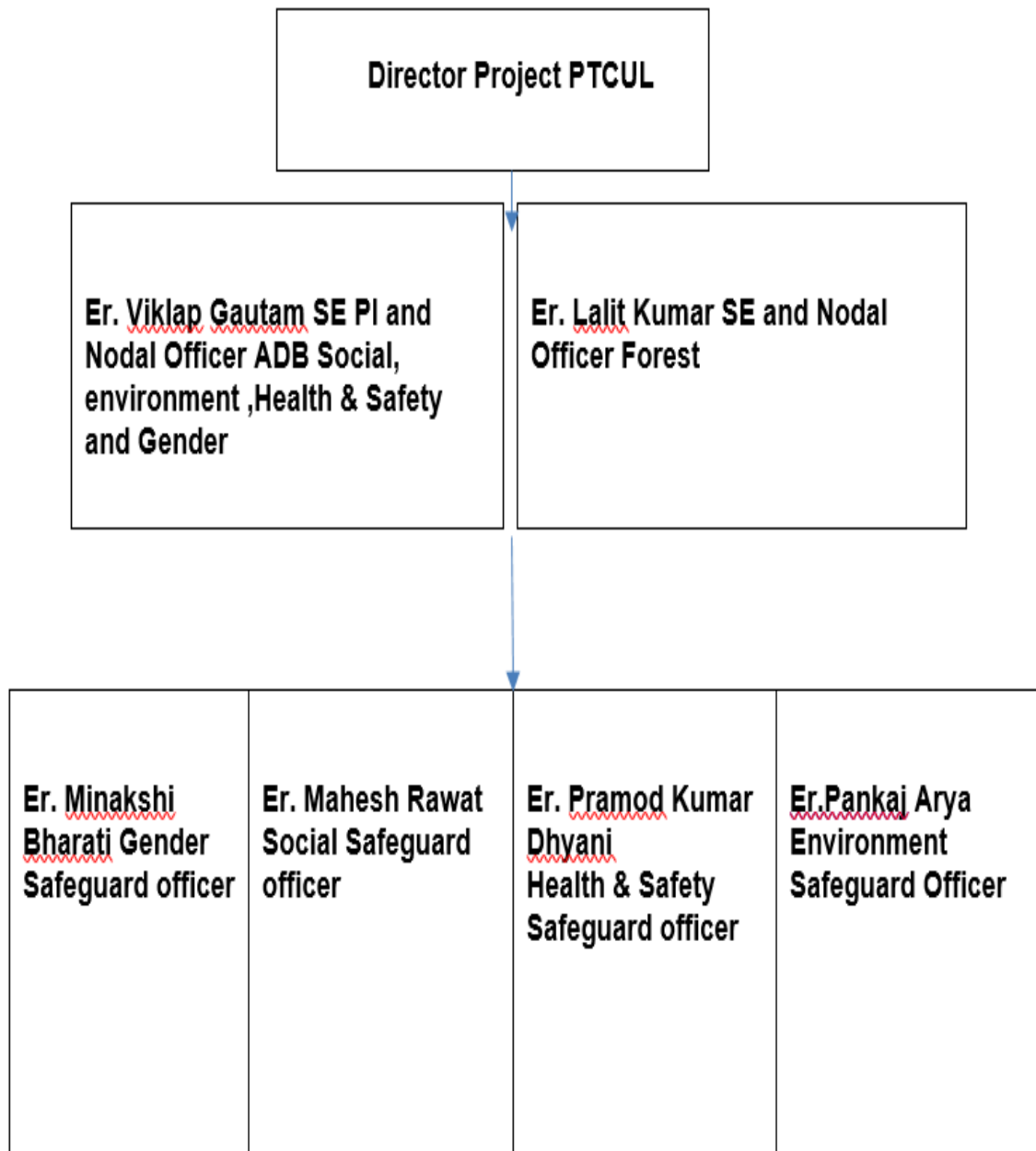
PTCUL is the STU as defined in Electricity Act 2003, responsible for building, operating and maintaining transmission substations and lines at EHV of 132kV, 220kV, 400 kV & above. It was carved out of UPCL in June 2004 as a part of Power Sector Reforms process. PTCUL is also responsible for Load Dispatch and Energy Management functions in the state through LDCs. As corporate entity, PTCUL aims to implement best practices of Project Implementation and Operations & Maintenance Management to ensure efficiency, reliability and commercial viability of power transmission system in the State.

The project will support the Government of Uttarakhand in strengthening its power system network to meet future electricity demand growth and to improve quality and reliability of power supply to its consumers. The primary focus of the project is the climate resilience of the Uttarakhand power systems.

PTCUL will be the implementing agency of this project while GOU (government of Uttarakhand) shall be Executing agency of this project. The details of works and package are mentioned hereunder-

- 1) **(Package-1, Lot-1)** – Construction of 220 KV Substation Selaqui, Dehradun awarded to Flowmore Limited, JV with Jiangsu Jingdian Electric Co., Ltd.,
- 2) **(Package-1, Lot-2)** Construction of 132/33 kV GIS substation Araghar
Construction of 132/33 kV GIS substation Dhaulakhera
Construction of 132/33 kV GIS substation Khatima-II
Construction of 132/33 kV GIS substation Lohaghat
awarded to Flowmore Limited, JV with Jiangsu Jingdian Electric Co., Ltd
- 3) **(Package-2,)** Construction of 220/132/33kV (2X160 MVA + 2x40 MVA AIS Substation, Manglore, Haridwar. awarded to M/s Trans Global Power Limited.
- 4) **(Package-3, Lot-1)** Construction of LILO of 220kV Roorkee-Nara line at proposed 220kV Substation, Manglore awarded to M/s Salasar Techno Engineering Ltd

Organogram of safeguards staffing at PIU level



1.2 Project Progress Status and Implementation Schedule

Project Component/Stage/ Activity	Target Completion Date	Progress Status	Percent Completed	Remarks
Construction of 220/33KV (2x40MVA) GIS Substation Selaqui	730 Days from the effective date of contract	Drawing Submission and engineering work in progress.	0%	Contract awarded to Flomore Limited JV with Jiangsu Jingdian Electric Co. Through flowmore Limited (Representative on behalf of JV)
Construction of 4 Nos. 132 KV Substations (Aaraghar Dhaulakhera, Khatima-II, & Lohaghat)	730 Days from the effective date of contract	Project Zero dated not started.	0%	Contract awarded to Flomore Limited JV with Jiangsu Jingdian Electric Co. Through flowmore Limited (Representative on behalf of JV)
220/132/33kV (2X160 MVA + 2x40 MVA AIS Substation, Manglore, Haridwar.	730 Days from the effective date of contract	Project Zero dated not started.	0%	Contract awarded M/s Trans Global Power Limited
LILO of 220kV Roorkee-Nara line at proposed 220kV Substation, Manglore.	730 Days from the effective date of contract	Project Zero dated not started.	0%	Contract awarded M/s Salasar Techno Engineering Ltd.

1.3 Land Acquisition and Compensation Progress Status

S L	Location	Total Area (Acre)	Area to be Acquired (Acre)	No of Affected Household (No. of Persons)	Acquisition Method	Status	Remark
1-	220KV Selaqui Substation	0.730	NIL	NIL	Allotment by GoU(SIDCUL)	In possession	NIL
2	220/132/33kV (2X160 MVA + 2x40 MVA AIS Substation, Manglore,	6.662	NIL	NIL	Purchase from Private Owners	In possession	NIL
3	132 KV Substations Aaraghar	1.075	NIL	NIL	Allotment from UPCL	To be taken in possession from UPCL	NIL
4	132 KV Substations Dhaulakhera	0.494	NIL	NIL	Allotment from UPCL	To be taken in possession from UPCL	NIL
5	132 KV Substations Khatima-II,	2.891	NIL	NIL	Allotment from GOU	In possession	NIL
6	132 KV Substations Lohaghat	1.976	NIL	NIL	Allotment from GOU	In possession	NIL
TOTAL		13.828					

1.4 Compensation is required without any land title transfer such as for lines, then present status of compensation

Since the work is just started and all works in preliminary design stage as the work gradually progress, detail of compensation for lines shall be provided.

Name of Lines	Length (km)	Installation of 11 kV and below line (km)	Private Land (Y/N)	No of Affected Household (Persons)	Compensation Status	Remark
LILO of 220kV Roorkee-Nara line	1	Nil	Yes	6(approx.)	Nil	Detail of household shall be provided after completion of detailed line survey.
Total						

2.0 Compliance with National Regulations and International Agreements

National Regulation or International Agreement	Compliance Requirements under the Regulation or Agreement	Compliance Status	Remarks
As per ADB Norms	As per ADB Norms	Complied as per requirement	NIL

3.0 Compliance with Social Safeguards Covenants from the ADB Loan Agreement

Schedule IV Para 9	Covenant The Borrower shall ensure, or cause the EA and each IA to ensure, that the preparation, design, construction, implementation, operation and decommissioning of the Project and all Project facilities comply with (a) all applicable laws and regulations of the Borrower and the State relating to environment, health and safety; (b) the Environmental Safeguards; and (c) all measures and requirements set forth in the IEE and EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	Compliance Status Being Complied	Remarks
Schedule IV Para 10	The Borrower shall ensure, or cause the EA and each IA to ensure, that all land and all rights-of-way required for the Project are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower and the State relating to land acquisition and involuntary resettlement; (b) the Involuntary Resettlement Safeguards; and (c) all measures and requirements set forth in the RP, and any corrective or preventative actions set forth in the Safeguards Monitoring Report.	Being Complied	
Schedule IV Para 11	Without limiting the application of the Involuntary Resettlement Safeguards or the RP, the Borrower shall ensure, or cause the EA and each IA 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 people in accordance with the RP; and (b) a comprehensive income and livelihood restoration program has been established in accordance with the RP.	Being Complied	
Schedule IV Para 12	The Borrower shall ensure, or cause the EA and each IA to ensure, that the Project does not have any indigenous peoples impacts, within the meaning of the SPS. In the event that the Project does have any	Being Complied	

	such impact, the Borrower shall take all steps required to ensure that the Project complies with the applicable laws and regulations of the Borrower and the State, and with the SPS.		
Schedule IV Para 13	The Borrower shall ensure, or cause the EA and each IA to ensure, that all necessary budgetary and human resources to fully implement the EMP and the RP as required, are made available on a timely basis.	Being Complied	
Schedule IV Para 14	The Borrower shall ensure, or cause the EA and each IA to ensure, that all bidding documents and contracts for Works contain provisions that require contractors to: (a) comply with the measures relevant to the contractor set forth in the IEE, the EMP and the RP (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguards Monitoring Report; (b) make available a budget for all such environmental and social measures; (c) provide the EA with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP and the RP; (d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and (e) reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	Being Complied	
Schedule IV Para 15	The Borrower shall ensure, or cause the EA and each IA to ensure, the following: (a) submit semi-annual Safeguards Monitoring Reports to ADB until construction of the Works is complete and annual Safeguards Monitoring Reports to ADB during operation of the Works, and disclose relevant information from such reports to affected persons 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 IEE, the EMP and the RP, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and (c) report any breach of compliance with the measures and requirements set forth in the EMP or the RP promptly after becoming aware of such breach.	Being Complied	

4.0 Compliance with Project Administration Manual (PAM)

Organization	Tasks	Compliance Status	Remarks
Executing Agency	GOU	Ongoing	NA
Implementing Agency	PTCUL	Ongoing	NA
Consultants	N/A	N/A	PISC formation is in tendering stage.

5.0 Compliance to Entitlement Matrix

Summary of Compensation Payment

(1 January to 30 June 2024)

No.	Type of Loss	Affected persons	Entitlement	Details	Status
1.	NA	NA	NA	NA	NA

6.0 Social Supervision

Training	Number and Position of Participant/s	Location/s and Date/s	Remarks
NIL	NA	NA	Since the Project just started therefore no activity has been performed.

Date	Type and Purpose of Visit	Location/s Visited	EA, IA, Consultant Staff Participating	Remarks
NIL	NA	NA	NA	Since the Project just started therefore no activity has been performed.

7.0 Meaningful Consultation and Grievance Redress

Date	Format/Venue	Participants (Occupation, Male/Female)	Main Issues Raised
Nil	Nil	Nil	Nil

Complainant/s or Affected	Location/s and Date/s	Description of Grievance/Complaint	Timeline*	Time-bound Corrective
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Persons	of Complaint			Action
(Nil)	Nil	Nil	Nil	nil

* To be solved within 2 weeks

8.0 Conclusions and Recommendations

Non-compliance	Corrective Action to be Taken	Responsibility	Timeline	Budget
Constitution of PISC	at Earliest	PIU	30.09.2024	Approved
Translation of RP in Local language i.e. Hindi	at Earliest	PIU	20.07.2024	Approved
To ensure the grievance boxes and complain register in PMU, PIU and contractor office	at Earliest	PIU, PMU and contractor	30.08.2024	Approved
To conduct and ensure proper documentation of public consultation	Shall be carried out at regular intervals	PIU and PISC	After constitution of PISC	Approved

APPENDIX (A)



पावर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०

(उत्तराखण्ड सरकार का उपक्रम)

प्रबन्ध निदेशक कार्यालय

विद्युत भवन, नजदीक-आई०एस०बी०टी० जलसिंघ, सहारनपुर रोड, माजरा, देहरादून-248002

दूरभाष नं० 0135-2642006 फैक्स नं० 0135&2643460 email:- md.ptcul@rediffmail.com

Letter no /MD/PTCUL/

Date

Office Memorandum

PTCUL, being the implementation utility of the project titles as "Uttarakhand Climate Resilient Power System Development Project Loan no 4402" funded by Asian development Bank has to comply with grievance redress mechanism (GRM) as mentioned in resettlement plan and Initial Environment Examination.

As per clause no V(E) of RP plan, which state that "A 4-tier grievance redress mechanism shall be established to address concerns and grievances of affected persons and workers involved in this Project. Considering that the three (3) implementing agencies will implement different project sub-components and will likely receive complaints that may differ in nature and complexity, the Project will have GRM established separately at each implementing agency for their respective components. It will however, follow the same four tier structure with (i) Tier-1 at EPC Contractor/Division level; (ii) Tier-2 at PIU level; (iii) Tier-3 at PMU level (supported by PISC); and (iv) Tier-4 at the Energy Department of the Government of Uttarakhand (the executing agency) at the highest level."

In compliance to above Division level Tier1(GRC-1) and PIU (PTCUL) level Tier2(GRC-2) committee comprising of following officers are hereby constituted: -

Package-I/Lot -1	Tier 1 (GRC -1) Division level Committee members	Tier 2(GRC - 2) PIU level Committee members
Lot-1-220/33 kV GIS S/S Selaqui and associated Line	1. Er.Vikalp Gautam Superintending Engineer (PI) Dehradun	1. Er.H.S. Hyanki Engineer, (Project) ADB Haldwani
	2. Er.Deepak Kumar Executive Engineer (PI) Dehradun/Vikasnagar	2. Er.Vikalp Gautam Superintending Engineer (PI) Dehradun
	3. Er.Tikam Singh Chauhan Assistant Engineer (PI) Vikasnagar	3. Er.Deepak Kumar Executive Engineer (PI) Dehradun/Vikasnagar
	4. Project Manager authorized by EPC contractor	4. Representative from land revenue agricultural & Horticultural Department (Nominated by District Administration)
	5. Safe Guard Specialist from PISC	5. Elected representative of each Panchayat/Nagar Nigam including women Members (if woman member is available & in case elected member is woman) -(To be consulted during project implementation)

मुद्रांकन एवं प्रतीकित कार्यालय:- विद्युत भवन, नजदीक-आई०एस०बी०टी० जलसिंघ, सहारनपुर रोड, माजरा, देहरादून - 248002

दूरभाष नं० 0135-2642000 फैक्स नं० 0135-2643460 वेबसाइट www.ptcul.org

Package-2/Lot-2	Tier 1 (GRC-1) Division level Committee members	Tier 2(GRC-2) PIU level Committee members
132/33 kv GIS S/s Araghar 132 kv GIS S/s Dhaulakheda 132/33 kv S/s Khatima-II 132/33 kv S/s Lohaghat & Associated Line	1. Er. L.M. Bisht Superintending Engineer (PI) ADB Haldwani	1. Er. H.S. Hyanki Chief Engineer, (Project) ADB Haldwani
	2. Er. Deepak Kumar Executive Engineer(PI) Dehradun/Vikasnagar +Er. Sandeep Kaushik Executive Engineer (PI) Kashipur	2. Er.L.M. Bisht Superintending Engineer (PI) ADB Haldwani
	3. Er.Tikam Singh Chauhan Assistant Engineer(PI) Vikasnagar Er. Himanshu Vijay Singh Assistant Engineer (PI) Haldwani Er. Manoj Joshi Assistant Engineer Lohaghat	3. Er. Deepak Kumar Executive Engineer Dehradun/Vikasnagar (PI) Er. Sandeep Kaushik Executive Engineer (PI) Kashipur
	4. Project Manager authorized by EPC contractor	4. Representative from land revenue agricultural & Horticultural Department (Nominated by District Administration)
	5. Safe Guard Specialist from PISC	5. Elected representative of each Panchayat/Nagar Nigam including women members (if woman member is available & in case elected member is woman) (To be consulted during project implementation))
Package-3	Tier 1 (GRC -1) Division level Committee members	Tier 2(GRC - 2) PIU level Committee members
220/132/33 kv AIS S/s Manglore & Associated line	1. Er.A.K. Singh Superintending Engineer (PI) Roorkee	1. Er.H.S. Hyanki Chief Engineer, (Project) ADB Haldwani
	2. Er.Rakesh Kumar Executive Engineer PI Manglore	2. Er.A.K. Singh Superintending Engineer (PI) Roorkee
	3. Er. Anil Pal Assistant Engineer (PI) Padartha	3. Er.Rakesh Kumar Executive Engineer (PI) Manglore
	4. Project Manager authorized by EPC contractor	4. Representative from land revenue agricultural & Horticultural Department (Nominated by District Administration)

	5. Safe Guard Specialist from PISC	5. Elected representative of each Panchayat/Nagar Nigam including women members (if woman member is available & in case elected member is woman ((To be consulted during project implementation)))
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The above committee shall dispose all the grievances as per Grievance Redress Mechanism (GRM) mentioned in Initial Environment Examination (IEE) and Resettlement plan (RP) of PTCUL including compliance of other directions issued by ADB or other authorities concerned from time to time.

(P.C. Dhyani)
Managing Director &
Additional Project Director

Date 06/07/2024

Letter no 2024/MD/PTCUL MD(am)

Copy forwarded to following

1. Secretary energy /Project director, GOU Dehradun
2. District Magistrate -Dehradun/Nainital/Udhamsingh Nagar/Champawat
3. Mr. James Kolathanraj ,Senior Energy Specialist,Asian development Bank ,Sector Group,Phillipines
4. Director (HR/Finance/Operations) PTCUL Vidhyut Bhawan Dehradun
5. M/s Flowmore Ltd plot no 2068/69 karol Bhagh 38 New Delhi
6. Transglobal Power Limited,1321/A, 15th cross, Girinagar, 2nd stage Bangalore
7. Official concerned.

(P.C. Dhyani)
Managing Director &
Additional Project Director

APPENDIX (B)

Photographs

Complain Box and complain register at 132 kV S/S Lohaghat site



