



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत प्रणाली परियोजना प्रबोधन प्रभाग

Power System Project Monitoring Division

विषय: Minutes of meeting to review the progress of NERPSIP and COMPREHENSIVE Scheme held under the chairmanship of Chief Engineer (PSPM), CEA on 23-04-2024 in CEA -Reg.

महोदय,

Minutes of meeting to review the progress of NERPSIP and COMPREHENSIVE Scheme held under the chairmanship of Chief Engineer (PSPM), CEA on 23-04-2024 in CEA is enclosed as **Annexure** for information and necessary action.

भवदीय,

(करन सरीन)
सहायक निदेशक

To,

1. CMD, POWERGRID

Copy to:

1. Joint Secretary(Trans.), MoP, Shram Shakti Bhawan, New Delhi-110086,
2. PPS to Member(PS), CEA

Annexure**Minutes of meeting to review the progress of NERPSIP Scheme and Comprehensive Scheme for Arunachal Pradesh and Sikkim held under the chairmanship of Chief Engineer (PSPM), CEA on 23-04-2024 in CEA**

A meeting to review the progress of projects under North Eastern Region Power System Improvement Project (NERPSIP) Scheme and Comprehensive Scheme for Arunachal Pradesh and Sikkim was held on 23-04-2024 at CEA under the Chairmanship of CE (PSPM), CEA. The list of the participants is enclosed at **Annexure-I**.

CE (PSPM), CEA welcomed all the participants and highlighted that POWERGRID had informed vide Monthly reports that all projects, except one project in Nagaland, would be completed by March 2024, however, those projects have not been commissioned as yet. He requested POWERGRID to present the latest status regarding the progress of NERPSIP and Comprehensive scheme. M/s POWERGRID highlighted element wise progress of both the Schemes. The constraints and challenges in the implementation of the Schemes were also discussed.

The following were highlighted and discussed:

(A) NERPSIP

Status of projects under NERPSIP														
Type of Element	Assam		Meghalaya		Mizoram		Manipur		Nagaland		Tripura		NERPSIP	
	Total	Comp.	Total	Comp.	Total	Comp.	Total	Comp.	Total	Comp.	Total	Comp.	Total	Comp.
EHV New S/S	11	11	4	4	3	3	2	1	5	4	9	8	34	31
EHV Extn S/S	8	8	2	2	1	1	8	8	5	4	7	7	31	30
EHV TL	14	13	3	3	4	3	6	6	7	7	14	13	48	45
DMS New S/S	16	16	11	11	1	1	13	11	10	10	34	31	85	80
DMS Extn SS	25	25	4	4	1	1	29	29	18	18	25	25	102	102
DMS TL	42	42	17	17	1	1	13	13	11	11	62	61	146	145
TOTAL	116	115	41	41	11	10	71	68	56	54	151	145	446	433

Brief about the balance works and issues, as informed by POWERGRID, are as follows:

State	Remarks/Issues
Assam	Work in the balance 1 No. element (Rangia – Amingaon 220 kV D/C line) is under progress and it will be completed by Jun'24.
Meghalaya	All elements completed.
Mizoram	Work in the balance 1 No. element (West Phaileng –Marpara 132 kV S/c line on D/c tower) is under progress and will be completed by Jun'24.
Manipur	Work in respect of 3 Nos. elements was hampered due to the law and order situation/ethnic unrest in the State. Supply as well as erection works could not be executed. The elements are: (i) 132/33 kV Tamenglong (New) Substation (ii) 33/11 kV new sub-station at Lamphel and (iii) 33/11 kV new sub-station at Takyel. Now transportation of materials, equipment etc. has resumed. Anticipated

	completion date is by Jun'24.
Nagaland	2 Nos. of elements remaining. (i) 132/33 kV new sub-station at Pfutsero: Work hampered due to frequent rains in the region. Anticipated completion is by Jun'24; (ii) Upgradation of 66 kV Tuensang S/S to 132 kV level: Due to very remote location, non-responsiveness from bidders/very high quoted rates delayed the award of project. Project was awarded in Aug'23 with completion schedule of Dec'24.
Tripura	6 Nos. elements remaining. Works were hampered due to frequent rains and landslide. Due to landslides, movement of men & material were hampered. Now, work is under progress. Shutdown of an 11 kV line of TSECL is required for completion of 33kV line from Mohanpur to Agartala. Anticipated completion date for projects in Tripura is Jun'24.

Representative of POWERGRID informed that all balance elements in NERPSIP scheme, as tabulated above, will be completed by June, 2024 except for 1 no. element in Nagaland (i.e., 132kV Tuensang S/S) which will be completed by December 2024.

(B) COMPREHENSIVE SCHEME

Status of projects under COMPREHENSIVE scheme in Arunachal Pradesh									
Type of Elements	Nos. of Elements				Completed as on 23-04-2024				Balance
	Phase-I	Additional I	Phase-II	Total	Phase-I	Additional I	Phase-II	Total	
EHV S/S	18	0	9	27	17	0	8	25	2
EHV Extension	6	1	5	12	7	1	3	11	1
EHV TL	23	0	13	36	6	0	0	6	30
DMS S/S	46	0	24	70	42	0	2	44	26
DMS Extension	7	1	12	20	7	1	9	17	3
DMS TL	44	5	25	74	25	4	2	31	43
Total	144	7	88	239	104	6	24	134	105

Status of projects under COMPREHENSIVE scheme in Sikkim			
Type of Elements	Nos. of Elements	Completed as on 23-04-2024	Balance
EHV SS	18	09	09
EHV Extension	10	10	--
EHV TL	30	22	08
Total	58	41	17

Major Issues faced in Arunachal Pradesh are mentioned below:

- Status of Forest Clearance proposals:
Total lines- 21 Nos. (EHV: 16 Nos., DMS: 05 Nos.)
Working Permission Received- 15 Nos. (EHV)
Pending- 06 Nos. (EHV: 01 No., DMS: 05 Nos.) [*Pending with State*]
- Issues pertaining to compensation and disbursement for EHV TLs

EHV Transmission Line	Assessment	Disbursement
Phase-I (20 lines)	Complete: 19 lines	Complete: 18 lines

	<i>Balance one line: 132 kV Naharlagun-Gerukamukh TL: The line has undergone re-routing of some portion in view of severe ROW and border dispute. Revised route has been finalized and notification for the same is under publication.</i>	<i>132 kV Pasighat-Mariyang TL: The line has undergone minor re-routing (due to right of way issues and protest by locals). Notification published.</i>
Phase-II (16 lines)	All Ongoing (70% completed)	All Ongoing (30% completed)

- c. Right of Way issues in Reserve Forest Portion of 132 kV T/Ls: Although Govt. of AP has issues Policy for Ex-gratia payment, RF dwellers are demanding compensation for trees also. The policy would be reviewed by State Govt. after general elections.
- d. Fund of Rs.1381.28 Cr. against compensation of transmission lines including forest cost already exhausted. Demand note of Rs.200 Cr. against USF compensation & forest cost is available for disbursement but compensation fund exhausted.

Major Issues faced in Sikkim under COMPREHENSIVE scheme are mentioned below:

- a. Severe flood occurred in North Sikkim on date 04-10-2023 which had severely affected progress in Q3 and Q4 of FY 2023-24 in Sikkim due to disruption of road network.
- b. Approach road in North Sikkim is still not completely restored. Chungthang S/s and associated Transmission lines were completely washed out and could not be accessible for past few months. Now, restricted access to the site is available for limited times during the day. Personnel have reached the site with the help of other govt. agencies and information is being gathered for restoration planning. All the connecting bridges were washed out and road connectivity still unrestored at various parts of Chungthang & Lachen area. Also, connectivity to the 66/11 kV Passingdong S/s through Bailey suspension Bridge was also washed away.
- c. Progress at Lachen and Passingdong S/s in Dzumsa area was slow as the complete civil work is being done by the Dzumsa/Dzongu Tribal who work at their own pace and don't allow external manpower to expedite the work.
- d. ROW in 02 elements (66 kV Namchi-Old Namchi & 66 kV Namchi-New Namchi line) affecting completion of transmission lines.
- e. Considering the severe RoW issues / corridor constraints in the New Namchi-Namchi and Rangpo-Samardong line in Sikkim; as suggested by Power Dept., GoS, the affected stretches are being laid using underground Cables. The financial implication for the same has been incorporated in the proposed Revised Cost Estimate (RCE) -II.
- f. Shifting of 2 Nos. of 25 MVA, 132/66 kV transformers (presently at Binaguri S/s) for Singhik S/S held up due to Rang-Rang bridge load restriction. Due to absence of 132/66 kV ICTs at Singhik Substation, charging of Singhik substation at 66 kV level has been proposed. Additionally, Lachen Substation may also be connected directly from Singhik Substation at 66 kV level bypassing Chungthang S/S. The additional cost for this interim arrangement has been incorporated in the proposed RCE-II.
- g. Shifting of 2 Nos. of 50 MVA transformers for Parbing S/S from Makha Store held up due to massive landslide occurred along Bojoghari of NH310A.

Representative of POWERGRID informed that anticipated completion date of all elements under COMPREHENSIVE scheme will be Mar'25, however, the time extension for the scheme is still awaited. In the absence of time extension, the funds have not been allocated for FY2024-25 and the progress is hampered.

POWERGRID further informed that the RCE-II for the COMPREHENSIVE scheme is under revision as certain scope of works were modified during the review meeting chaired by Secretary (Power), MoP on 03-04-2024 and the same are being incorporated in the proposed RCE-II.

CE (PSPM) requested POWERGRID to expedite and complete the balance projects at the earliest as per the committed timelines in order to avoid further delay. He further requested to include the complete status, reasons for delay and constraints for all incomplete projects in Comprehensive scheme in the monthly report being submitted to CEA from next month onwards.

Meeting ended with vote of thanks to the chair.

Annexure-I**List of Participants****CEA**

- | | |
|--------------------------|-----------------------|
| 1. Sh. Y.K. Swarnkar | Chief Engineer (PSPM) |
| 2. Sh. S.M Aimol | Director (PSPM) |
| 3. Sh. Yadav Manoj Kumar | Dy. Director (PSPM) |
| 4. Sh. Karan Sareen | Asst. Director (PSPM) |

POWERGRID

1. Sh. Ajit Kumar, CGM (CMG)
2. Sh. SVS Sathyanarayana, Sr GM (CMG)
3. Sh. Ravi Roshan, Manager (CMG)