



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

Dated: 22<sup>nd</sup> May, 2025

सेवा में/ To,

संलग्न सूची के अनुसार/ As per list attached

विषय: दूरसंचार, स्काडा और टेलीमेटरी उपसमिति की 27 वीं बैठक।

Subject: 27<sup>th</sup> meeting of Telecommunication, SCADA & Telemetry Sub Committee-reg.

उत्तर क्षेत्रीय विद्युत समिति की दूरसंचार, स्काडा और टेलीमेटरी (टेस्ट) उप-समिति की 27 वीं बैठक दिनांक 21.04.2025 को 10:30 बजे सम्मेलन कक्ष, एन.आर.पी.सी, नई दिल्ली में आयोजित की गई। बैठक में कार्यवृत्त इस पत्र के साथ संलग्न है। यह उत्तर क्षेत्रीय विद्युत समिति की वेबसाइट ([Northern Regional Power Committee](#)) पर भी उपलब्ध हैं।

27<sup>th</sup> meeting of Telecommunication, SCADA & Telemetry (TeST) Sub-committee of NRPC was held on 21.04.2025 at 10:30 am in conference room, NRPC, New Delhi. Minutes of the meeting are enclosed herewith. The same are available on NRPC website at [Northern Regional Power Committee](#).

भवदीय

Yours faithfully,

Signed by Anzum Parwej

Date: 22-05-2025 17:28:39

(अंजुम परवेज)/ (Anzum Parwej)

अधीक्षण अभियंता /Superintending Engineer

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**Minutes of  
27<sup>th</sup> Meeting of Telecommunication, SCADA & Telemetry (TeST) Sub- Committee**

**I. Confirmation of Minutes**

**1. Confirmation of Minutes**

- 1.1. 26<sup>th</sup> meeting of TeST sub-committee was held on 19.11.2024 and the minutes were issued on 23.12.2024. No comments have been received so far.

**Decision of the forum:**

- Sub-committee confirmed the minutes.

**II. Telecommunication and Telemetry issues**

**2. J&K Telemetry Issues (Agenda by NRLDC)**

- 2.1. The representative from NRLDC apprised about the ongoing issue of telemetry data not being available from J&K stations and requested the concerned authorities to kindly expedite the integration of RTUs at SLDCs.
- 2.2. Representatives from J&K were not present during the meeting.
- 2.3. MS, NRPC, expressed concern regarding the continued unavailability of the data and emphasized the importance of resolving the issue at the earliest.

**Decision of the forum:**

- As this is a long-pending issue, it must be resolved at the earliest to avoid further delays and ensure smooth functioning of the system.

**3. Redundant RTU Communication for Main / Backup RLDC (Agenda by NRLDC)**

- 3.1. EE, NRPC apprised that this agenda was also deliberated in the 26<sup>th</sup> NRPC meeting wherein it was decided that 2+2 scheme implementation will follow a mechanism similar to firewall installation process as per decision taken in the 15<sup>th</sup> NPC meeting.
- 3.2. CTU informed that as per the deliberation of the 15<sup>th</sup> NPC meeting, a special meeting was held on dtd.24.12.2024 (Minutes attached at Annexure-IV) under the chairmanship of Member, PS regarding cost recovery of Firewall installation at existing substations. In the meeting, it was decided that for existing RTM ISTS substations, the cost of firewall installation and associated cyber security measures may be considered under the TSP's O&M expenses. For existing TBCB ISTS substations, it was decided that a separate meeting is to be conducted by CEA/PS wing to address cost-recovery and mode of implementation.
- 3.3. POWERGRID stated that they have analyzed the impact of decision of CEA for booking the cost of new Firewall (NGFW) at existing 273 nos. substations under O&M as it is difficult to accommodate this large expense under O&M. POWERGRID further stated that this agenda may further be deliberated in the upcoming NPC for the mechanism of recovery of Cost-AddCap / additional O&M expenses / RTM basis.

**Decision of the forum:**

- Sub-committee will decide on the matter considering decision to be taken by NPC in upcoming meeting on cost-recovery mechanism of new Firewall (NGFW) at existing 273 nos. substations.

#### **4. Dual reporting of ISTS stations to RLDC Main and Backup Control centers (Agenda by CTU)**

Same as Agenda Item 3

#### **5. Redundant Communication for 765/400/220kV Meerut GIS and 400/220kV Simbhavali Sub-stations (Agenda by POWERGRID)**

- 5.1. POWERGRID apprised that 765/400kV Meerut GIS and 400/220kV Simbhavali – Intrastate TBCB Project, wherein PMSTL has made 765 Meerut S/S which is LILO of Greater Noida-Hapur S/C line and Simbhavali, is connected to Muradnagar-I 400KV UPPTCL. Simbhavali is further connected with 220kV UPPTCL lines. Simbhavali and Meerut are presently connected linearly. On several occasions, Telemetry data of these sub-stations got suspect due to issues in intermediate stations, resulting outage of data at SLDC Lucknow and NRLDC. Therefore, redundant communication network is required for both of these stations.
- 5.2. For establishment of redundancy for both Meerut and Simbhavali, LILO line OPGW of Hapur WUPPTCL Station can be utilized which is LILO of 400kV Muradnagar-Moradabad transmission line, POWERGRID has kept OPGW joint box during creation of LILO for WUPPTCL sub-station in 2017-18. Presently PMSTL's OPGW and communication Equipment is available at Hapur sub-station and further ULDC network is available at Muradanagar and Moradabad. (Schematic diagram enclosed in Agenda).
- 5.3. POWERGRID stated that WUPPTCL and UPPTCL is requested to arrange 4 fibres for connectivity of between Hapur and Muradnagar for establishment of redundant network. No additional cost is required to incur on this, requirement can be met through available spares of PMSTL.
- 5.4. The representative from UP stated that POWERGRID should take up the matter directly with WUPPTCL to obtain the necessary permissions.
- 5.5. POWERGRID also mentioned that the Simbhavali UPPTCL – Simbhavali PMSTL OPGW connectivity over 220kV line (UPPTCL ownership) is non-functional since last one year, resulting outage of telemetry data and protection of lines. The UPPTCL representative responded that they would try to restore the link within next 15 days and ensure healthiness in future.
- 5.6. MS, NRPC, advised that POWERGRID should write a letter to WUPPTCL regarding fiber sharing.

#### **Decision of the forum:**

- POWERGRID to send a formal letter to WUPPTCL requesting fiber sharing between Hapur and Muradnagar.
- UPPTCL to assess the healthiness of the Simbhavali UPPTCL – Simbhavali PMSTL link and confirm the status to POWERGRID.

#### **6. Display of DC/Schedule of Generating Stations in SCADA Display (Agenda by NRLDC)**

- 6.1. Representative from NRLDC apprised the agenda regarding display of DC/Schedule of Generating Stations in SCADA Display.
- 6.2. Representative from Punjab informed that the automation will be carried out shortly.
- 6.3. Representatives from Haryana and J&K were not present in the meeting.
- 6.4. Representative from Uttarakhand mentioned that the integration is expected to be completed within the next two months.

**Decision of the forum:**

- All states to expedite the integration process keeping adequate cyber security measures.

**7. Non-availability of Real-Time data from PTCUL (Agenda by NRLDC)**

- 7.1. NRLDC representative raised concerns regarding the non-availability of telemetry data from PTCUL stations. They emphasized the urgent need for integration of RTUs at SLDCs to ensure reliable real-time data availability.
- 7.2. Representative from PTCUL informed that they submitted DPR for seeking for 100% funding including AMC to PSDF on 20.01.2025, which was also discussed in 88<sup>th</sup> TSEG meeting. They will further take up the matter accordingly.
- 7.3. Member Secretary, NRPC, noted from the agenda that the last tender was cancelled because the quoted bid value was approximately 39% higher than the estimated cost. He suggested that PTCUL should make provisions for alternate funding arrangements to ensure continuity of the project, especially in situations where the PSDF-sanctioned amount is lower than requested or if the bid value exceeds the sanctioned funds.

**Decision of the forum:**

- PTCUL to expedite the integration process and also to make alternate funding arrangements to ensure continuity of the project to address funding gap, if any.

**8. Non-Reliable Telemetry from RRVPN Sub-stations (Agenda by NRLDC)**

- 8.1. NRLDC apprised issue regarding non-availability of reliable data from RRVPNL stations and requested to share update for RTU/SAS upgradation.
- 8.2. The representative from RRVPN informed that the approval for 22 SAS has been obtained, and the tender document for the replacement of 132 obsolete RTUs is currently under the approval.

**Decision of the forum:**

- RRVPN to expedite the RTU/SAS upgradation.

**9. Non-availability of Telemetry from HVPNL Sub-stations (Agenda by NRLDC)**

- 9.1. Representative from NRLDC informed about non-availability of telemetry data from HVPNL stations and requested concerned to expedite the process for integration of RTUs at SLDCs. Representatives from HVPNL were not available in the meeting. Member Secretary NRPC expressed serious concern regarding non-availability of data.

**10. Communication channel redundancy/ Telemetry Issues to NRLDC (Agenda by NRLDC)**

- 10.1. NRLDC apprised that there are Communication channel redundancy/ Telemetry Issues to NRLDC in various stations of NR where RTUs are still reporting to NRLDC on single channel.
- 10.2. Representatives from various entities provided updates on the status of the following RTUs.

S.NO.	Name of RTU	Owner	Remarks
1	DHAULIGANGA	NHPC	NHPC will check
2	KISHANGANGA	NHPC	NHPC will check

S.NO.	Name of RTU	Owner	Remarks
3	PARBATI-2	NHPC	OPGW cable to be layed by INDIGRID by Aug'25.
4	PARBATI-3	NHPC	OPGW cable to be layed by INDIGRID by Aug'25.
5	SEWA-2	NHPC	Rectified
6	SALAL	NHPC	Create loop in communication system
7	URI-2	NHPC	Needed to be Address
8	BUDHIL	IPP	Informed to GreenCO
9	KARCHAM WANGTOO	IPP	Informed to JSW
10	AD Hydro	AD Hydro	Informed to AD hydro
11	Bhiwadi HVDC	POWERGRID	Second gateway Faulty- Upgradation Required, Siemens is quoting very high for replacement of Gateways.
12	KalaAmb	POWERGRID	Rectified
13	CHAMBA	POWERGRID	Communication Equipment issue
14	Lucknow 400	POWERGRID	Wrong analog data
15	KOTPUTLI	POWERGRID	Rectified
16	SOHAWAL	POWERGRID	Rectified
17	SAHAJAHANPUR	POWERGRID	PDH Issue, rectified
18	PATIALA	POWERGRID	Second gateway Faulty
19	Raibareilly	POWERGRID	Convertor issue at site end
20	Fatehabad	POWERGRID	Rectified
21	Jhajjar	IPP	Communication link issue (Jhajjar to Hisar)
22	Prithla	Indigrid	Second gateway Faulty
23	SINGRAULI	NTPC	Rectified

**Decision of the forum:**

- Entities to resolve the issues at the earliest.

**11. Integration of PMUs at 220kV of RE Pooling Station (Agenda by NRLDC)**

- 11.1. NRPC apprised the agenda regarding installation of 8 nos of PMUs at POI of RE pooling stations by POWERGRID and asked POWERGRID to update the status.
- 11.2. POWERGRID informed that it has completed the supply of all 8 PMUs. Installation and validation, in coordination with NRLDC, have been completed for six out of the eight PMUs. The remaining two were pending due to diversion issues, which have now been resolved.
- 11.3. He further mentioned that work at Fatehgarh-III has commenced and is expected to be completed within this week. Subsequently, the same team will take up installation at Bikaner-II, which is likely to be completed by the first week of May 2025.

**Decision of the forum:**

- POWERGRID to expedite integration.

## **12. Requirement for Additional VOIP SIP Numbers (Agenda by NRLDC)**

- 12.1. NRLDC apprised the forum of the requirement for additional VoIP SIP numbers at NRLDC, citing that the existing SIP numbers have been fully utilized, making it impossible to configure any new substations or plants.
- 12.2. The representative from POWERGRID informed that the SIP licenses available with the states may be utilized for this purpose. He further suggested that the RRVPN Orange Exchange could be utilized, considering that a majority of pooling stations are located in Rajasthan. This suggestion was agreed to by the RRVPN representative.
- 12.3. NRLDC further informed that a similar practice is already being followed in the Western Region (WR).

### **Decision of the forum:**

- POWERGRID may utilize RRVPN Orange Exchange for additional VOIP SIP Numbers.

## **13. Extension of AMC for Hot Line Speech Communication System (M/s ORANGE) (Agenda by POWERGRID)**

- 13.1. POWERGRID apprised that hot line speech communication system was implemented by POWERGRID on PAN India basis. This scheme was executed by M/s ORANGE and 7 years of AMC was also part of the original contract. Subsequently the AMC for Hot line speech communication System was further extended for two years from July'2023 to July'25.
- 13.2. During extension of AMC for two years in 2023, it was envisaged that new project for Hot line speech communication system would be implemented by July' 2025, however this project was only approved in 27th NCT meeting held on 06.02.2025 with implementation schedule of 18 months and POWERGRID is implementation agency.
- 13.3. He further mentioned that in view of grid operation, system requirement for Alcatel Lucent make EPABX system is required to be extended for further two years through M/s ORANGE.
- 13.4. He further stated that POWERGRID, therefore has requested to M/s ORANGE to extend AMC support for at least 2 years. He also mentioned that additional financial implication on account of AMC extension through M/s ORANGE (Presently engaged in AMC) for next two years shall be booked in ULDC O&M charges and additional cost implication shall be recovered in tariff charges under CERC O&M cost.
- 13.5. MS, NRPC stated that system requirement necessitates further extension of hot line speech communication system.

### **Decision of the forum:**

- In view of the criticality of Hot line speech communication for Grid Operations, POWERGRID to take up with M/s ORANGE for extension of AMC for further two years or till the successful execution of new Project of Hot Line Speech Communication Scheme in Pan India as applicable.

## **14. Establishment of Redundant Communication Network for Centre Sector and RRVPNL (Agenda by POWERGRID)**

- 14.1. POWERGRID stated that POWERGRID is developing redundant Communication Network for Central Sector and RRVPNL in Rajasthan as per a scheme approved in 58th NRPC meeting. Work has been awarded and materials are likely to be supplied within one month.



- 14.2. POWERGRID informed that during engineering and survey activities, it was found necessary to shift an existing communication equipment from the Ratangarh repeater (currently installed at a tower location on the Khetri-Bikaner line) to the 400kV Ratangarh Sub-station of RRVPNL. This will reduce one communication equipment and cost of the scheme.
- 14.3. For shifting of repeater station communication equipment to 400kV Ratangarh sub-station, POWERGRID have to lay 48F OPGW on 400kV S/C Ratangarh-Suratgarh line (approx. 5 kms of 48F OPGW installation in live line condition on any of the peak among two lines).
- 14.4. RRVPNL stated that they have in-principle agreed on the proposal. However, they will take consent from the competent authority and will convey to POWERGRID.

**Decision of the forum:**

- RRVPNL will take approval from their management for laying of OPGW on 400kV Ratangarh-Suratgarh line (approx. 5 kms) and decision will be conveyed to POWERGRID for their action.

**15. Operational Issues in OPGW Network – Longer outages in UPPTCL owned OPGW links (outage in Muzaffarnagar 400kV – Nara 220KV and Modipuram – Charla link) (Agenda by POWERGRID)**

- 15.1. POWERGRID informed that due to longer outage of UPPTCL's Two (02) OPGW links, namely; Muzaffarnagar 400kV – Nara 220KV and Modipuram – Charla, critical services related to Modipuram backup SLDC are out / intermittent for more than 2 years, resulting in Backup SLDC, Modipuram working on single route and centre sector connectivity for Inter-Reginal links are also disturbed since then.
- 15.2. POWERGRID further mentioned that UPPTCL is requested kindly to take up with concerned wing of communication and get these two OPGW links restored permanently and spare 4 fibres for ULDC's Tejas network which was working since 2012-13 for critical grid operation services and redundancy for Modipuram backup SLDC.
- 15.3. UPPTCL mentioned that there are some issues are in the OPGW links and they will try to rectify the OPGW links within 15 days.
- 15.4. MS, NRPC mentioned that if issues can be rectified in 15 days then why OPGW links were out of service since 2 years. He stated that this is serious issue and timely action on rectification of OPGW links is required for smooth grid operations. UPPTCL mentioned that some issues were at site, related to team and materials, now all issues have been taken up and they will rectify the links within 15 days.

**Decision of the forum:**

- UPPTCL to rectify two (02) OPGW links i.e. Muzaffarnagar – Nara 220KV and Modipuram – Charla within 15-day time and intimate to forum after rectification. POWERGRID will take up for restoration of services after rectification of OPGW links.

**16. Issues being faced during OPGW installation and Diamond creation works specially in RE Pocket / Whole Rajasthan Area (Agenda by POWERGRID)**

- 16.1. POWERGRID apprised that during installation of OPGW in live line condition (under Non-Auto Mode), work permits are being denied by NRLDC, resulting delay in completion of works. Further, works in night hours specially in LIVE LINE conditions suffers a lot. Hardly 2 to 3 hours of working window was available to workers and this is also a safety concern specially in LIVE LINE works.
- 16.2. Further, POWERGRID mentioned that OPGW installations are being carried out by Power Transmission Utilities for establishment of their communication system for Grid operation purpose. At power line crossings, OPGW diamonds are being created to ensure adequate clearance and prevent line tripping at the crossings. However, now-a-days shutdowns are approved in night hours, especially in RE pockets. Poor visibility in remote areas, increases risks to manpower and complicates precise measurements of clearance with risk of potential line tripping at the time of charging or during bad weather conditions whereas in daytime work permits could address these issues, leveraging natural light for improved visibility and safety.
- 16.3. NRLDC mentioned that permit has been issued as per prevailing grid condition on daily basis.
- 16.4. MS, NRPC stated that solar hours need to be avoided and early morning and evenings may be considered for work permit.

**Decision of the forum:**

- Optimization of work permits should be undertaken, taking into consideration the prevailing grid conditions, to facilitate the installation of OPGW. However, solar generation hours should be avoided while scheduling the work, to minimize the impact on renewable energy generation and overall grid stability.

**17. Issues being faced by NMT Team at UNMS Control Centre (Agenda by POWERGRID)**

- 17.1. Representative from POWERGRID informed that U-NMS project, implemented by POWERGRID in the Northern Region through M/s Sterlite, has been in place for over a year since its commissioning. However, since then, a significant number of new equipment installation/replacements have taken place, making it challenging to track whether these nodes and devices have been updated in the U-NMS system. In this context, all constituents are requested to nominate a nodal officer to help address and resolve this issue.
- 17.2. CTUIL may take up the issue of integration of Network Equipment of IPPs and TBCB assets with respective utility.
- 17.3. DTL is requested to arrange to rectify their AC system, so that UNMS servers can be powered on.
- 17.4. PTCUL is requested to provide uninterrupted power supply (UPS) for UNMS system, so that system can be powered on and services can be utilised.
- 17.5. CTUIL informed that they will examine the case for upgradation of equipment where bandwidth is being choked specially in STM-4 routes. System generated report from UNMS system is attached where B.W. Utilization over 75%.

Source Node	Source Port	Destination Node	Destination Port	Layer Rate	B.W. Utilization (%)
Allahabad_PG	STM4-1-2-4	varanshi 765	STM4-1-7-1	STM-4	86.51
LUCKNOW400_SDH-01	STM4-1-1-1	Sohwal	STM4-1-1-5	STM-4	88.89
BAGPAT	STM4-1-2-2	Meerut01	STM4-1-111-1	STM-4	80.95
Saharanpur	STM4-1-3-1	Dehradun PG	STM4-1-1-1	STM-4	77.78
Patiala_PG	STM4-1-2-3	SLDC_CHD.	STM4-1-111-1	STM-4	88.89
Bhiwani	STM4-1-2-2	Bhiwani 2	STM4-1-3-1	STM-4	82.94
SLDC_Panipat	STM4-1-3-5	BBMB_DADRI_HR	STM4-1-2-3	STM-4	77.38
SHAHJAHANPUR	STM4-1-3-1	LUCKNOW400_SDH-01	STM4-1-3-5	STM-4	85.71
Gagal	STM4-1-3-1	HAMIRPUR 2	STM4-1-3-1	STM-4	87.7
Ludhiana_PG	STM4-1-1-1	PG_MALERKOTLA	STM4-1-2-1	STM-4	80.95
Jalandahr-PG	STM4-1-1-5	Rep Jalandhar	STM4-1-2-2	STM-4	85.71
Jalandahr-PG	STM4-1-3-1	HAMIRPUR PG	STM4-1-3-1	STM-4	78.97
HAMIRPUR 2	STM4-1-2-3	HAMIRPUR PG	STM4-1-2-3	STM-4	80.16
Ballabhgarh02	STM16-1-2-1	Tuglakabad 400	STM16-1-2-1	STM-16	82.84

**Decision of the forum:**

- MS, NRPC mentioned that UNMS system has been implemented after the approval of all stakeholders considering the benefits that this scheme provides, therefore all states may provide necessary infra in their respective scope to efficiently operate the UNMS.
- All constituents to nominate a nodal officer to help track whether all nodes and devices have been updated in the U-NMS system and resolve the issues.

**18. SDH equipment of FIBCOM make installed under Package-IV(a) & IV(c) at different locations in Himachal Pradesh are maloperating during transmission of real-time data. (Agenda by HPSEBL)**

- 18.1. HPSEB apprised that SDH equipment of FIBCOM make installed under Package-IV(a) & IV(c) at different locations in Himachal Pradesh are maloperating during transmission of real-time data. The issue has already been taken up time and again with the FIBCOM Engineer posted at Shimla, however, the issues always remain unresolved.
- 18.2. POWERGRID stated that the issue appears to be related to earthing; however, the reason it is occurring specifically in FIBCOM equipment requires further analysis. It was suggested that a third-party assessment may be conducted to analyze the earthing issue.
- 18.3. MS, NRPC stated that POWERGRID should take up the issue with the vendor.

**Decision of the forum:**

- POWERGRID to resolve the issue at the earliest.

### **19. Communication System for Transmission scheme “Transmission system for evacuation of power from Shongtong Karcham HEP (450 MW) in Himachal Pradesh” (Agenda by CTU)**

19.1. CTU apprised the forum regarding the agenda for OPGW requirement on the following HPPTCL line:

LILO of one circuit of Baspa — Karcham Wangtoo 400 kV line at Shongtong HEP

19.2. CTU also enquired POWERGRID regarding OPGW on the existing Baspa — Karcham Wangtoo 400 kV line, POWERGRID confirmed that OPGW is available on the said Line.

19.3. Regarding the OPGW on proposed LILO portion of one circuit of Baspa — Karcham Wangtoo 400 kV line at Shongtong HEP, HPPTCL confirmed that they have envisaged OPGW scope on the proposed interim arrangement of 6 Km for LILO portion which shall later on to be integrated with the OPGW laid on Jhangi PS – K’ Wangtoo line under ISTS.

### **20. Status of schemes approved in various NCT (Agenda by CTU)**

20.1. CTU apprised the agenda to the forum that in the 26th NRPC TeST Meeting, it was decided that Status of various ISTS communication schemes approved in NCT shall be monitored under NRPC level.

20.2. POWERGRID apprised the forum regarding the status of different schemes approved by NCT, however other TSPs e.g. Adani, Indigrid were not present in the meeting.

#### **Decision of the forum:**

- Status of NCT approved scheme will be provided by CTU as a regular agenda in the TeST meeting henceforth.
- POWERGRID to provide the status of links commissioned under different projects other than NCT approved Category – B schemes e.g. Reliable schemes / Expansion Schemes etc. as agenda in the TeST meeting henceforth.

### **III. Other Agendas**

#### **21. Utilizing the Asset in the Deployment of the OPGW Network (96 cores (Agenda by POWERLINKS)**

21.1. POWERLINKS apprised that it carries out O&M of EHV transmission line (220kV and 400kV) having towers spread across 3 states from West Bengal to Uttar Pradesh and in existing transmission infrastructure, appx. 90% of the transmission line does not have OPGW.

21.2. He further stated that as per the advisory by Central Electricity Authority dated 22.05.24, Central and State Sector utilities must prioritize the implementation of the OPGW laying across its transmission network to ensure compliance with regulatory requirements, POWERLINKS propose to set up OPGW network in entire line length of POWERLINKS Transmission Limited. He further informed that they have submitted their capex proposal to CERC.

#### **Decision of the forum:**

- Sub-Committee in-principle agreed to the OPGW requirements. Although, POWERLINKS to take up with CTU for further assessment.

#### **22. Implementation of U-NMS Project (Agenda by NRLDC)**

Already discussed in Agenda 17

### **23. Ticketing/Complain portal provided under UNMS (Agenda by NRLDC)**

- 23.1. POWERGRID representative informed that agenda was approved in 27<sup>th</sup> meeting of National Commission on Transmission (NCT) and shall be implemented with National UNMS, likely to be completed in two years.

### **24. URTDSM (Unified Real Time Dynamic State Measurement) Phase-I Cyber Security Issues (Agenda by POWERGRID)**

- 24.1. POWERGRID apprised the agenda to the forum.

#### **Decision of the forum:**

- Sub-Committee agreed to the for the technical requirement.
- POWERGRID to put up agenda in next NRPC meeting for approval.

### **25. ADMS implementation in NR (Agenda by NRPC)**

- 25.1. Delhi DISCOMS were not present in the meeting.

#### **Decision of the forum:**

- Separate meeting to be held with DISCOMs and NRLDC

## **IV. Issues related to Unified Load Dispatch Center scheme of NR**

### **26. Change of Training Venue of Trainings under the ULDC Phase-III project from Noida to New Delhi or Powergrid Manesar (Agenda by UPSLDC)**

- 26.1. UPSLDC apprised that due to the non-applicability of hotel charges at Noida, POWERGRID may consider change of Training Venue of Trainings under the ULDC Phase-III project from Noida to New Delhi or Powergrid Manesar.
- 26.2. POWERGRID stated that as per contract, training is to be conducted in vendor's premises and then control center
- 26.3. RRVNL also stated that it is difficult for junior level officers to arrange for accommodation.
- 26.4. HPSLDC, PTCUL and Delhi also stated that residential training at PAL, Manesar will be preferred.
- 26.5. POWERGRID stated that hands-on training will be an issue at PAL, Manesar.
- 26.6. MS, NRPC stated that POWERGRID may explore conducting training at PAL, Manesar.

#### **Decision of the forum:**

- Sub-Committee requested POWERGRID to explore the possibility of changing the training venue for the trainings under the ULDC Phase-III project from Noida to PAL, Manesar, for better accessibility and logistical convenience.

### **27. AMC renewal from SIEMENS under SCADA Phase-II for sufficient period (Agenda by UPSLDC)**

- 27.1. POWERGRID informed that it conducted meeting with states last Tuesday in which it was decided that they will take approval with its management. Follow-up meeting with SIEMENS along with constituents is scheduled to be held in 21.04.2025 (afternoon) at NRPC conference room.

### **28. AMC Extension of ULDC Phase-II Scheme. (Agenda by BBMB)**

Already covered in Agenda 27

**29. Replacement of S-900 RTU's of ULDC-Phase-I Scheme and Integration of 61850 compliant Numerical Relays with HMI Servers for providing functionality of Event logger (Agenda by BBMB)**

- 29.1. BBMB apprised the agenda of Replacement of S-900 RTU's of ULDC-Phase-I Scheme and Integration of 61850 compliant Numerical Relays with HMI Servers.
- 29.2. POWERGRID stated that there were some challenges in integration. He further informed that currently M/S Synergy authorized representative visited Dhulkot substation for integration of 61850 compliant Numerical Relays. However, they have not provided any feedback yet.
- 29.3. MS, NRPC stated that POWERGRID should follow up and expedite the process of integration.

**Decision of the forum:**

- POWERGRID to follow up with M/s Synergy and expedite the process of integration in coordination with BBMB.

**30. Replacement of Fibrehome make Communication Equipment (Agenda by POWERGRID)**

- 30.1. POWERGRID apprised the agenda.
- 30.2. He mentioned that as per 26th TeST Sub-Committee meeting, constituents were requested to confirm the requirement of fibrehome equipment in service. If AMC is further required, then period of AMC extension was required to be intimated.
- 30.3. Rajasthan, BBMB, Punjab and UPPTCL submitted their consent in first/second week of April'2025 for further extension of AMC.
- 30.4. PTCUL stated that it will also require one-year extension of AMC. If replacement is done before it, AMC may be stopped before as monthly billing is done.
- 30.5. All states were of the view for one-year extension of AMC.
- 30.6. MS, NRPC mentioned that from the views of states, it is understood that replacement of fibrehome equipment will take time, some of states are yet to finalise their requirement, approvals and works orders are still not placed. Therefore, AMC extension is required for at least one year, POWERGRID may plan accordingly.

**Decision of the forum:**

- POWERGRID may initiate extension of Fibrehome make equipment AMC for at least one year. States are requested to take up for replacement at the earliest.

**31. Delay in Payment for ULDC consultancy works (Agenda by POWERGRID)**

- 31.1. POWERGRID apprised the agenda.
- 31.2. HPSEBL informed that they have taken up the agenda with higher officials for consideration of release of POWERGRID payments at the earliest. He further mentioned that these days after implementation of SAP, POWERGRID payment are also considered under contractor category which delayed the payment.
- 31.3. PSTCL also informed that they are arranging to process the outstanding payments.
- 31.4. PTCUL mentioned that they are identifying the issues of pending payment and try to resolve old issues.

31.5. MS, NRPC mentioned that all states are requested to look into the issues and release POWERGRID's outstanding payment, for smooth operation of services.

**Decision of the forum:**

- All constituent states to clear outstanding dues with POWERGRID.

## **List of Participants of 27<sup>th</sup> TeST Sub-Committee Meeting held on 21<sup>st</sup> April, 2025**

### **NRPC**

1. Sh. V. K. Singh, Member Secretary
2. Sh. Anzum Parwej, Superintending Engineer
3. Sh. Praveen, Executive Engineer
4. Sh. Ravi Kant, Executive Engineer
5. Smt. Priyanka Patel, Chief Manager, POWERGRID

### **NRLDC**

6. Sh. Hemant Kumar Meena, Deputy General Manager
7. Sh. Ashok Kumar, General Manager
8. Sh. Paritosh, Manager

### **POWERGRID**

9. Sh. Anjan Kr. Das, General Manager (GA&C)
10. Sh. Pradeep Singh, Senior Deputy General Manager, AM (ULDC)
11. Sh. Narendra Meena, Deputy General Manager (ULDC)
12. Sh. Anoop Kumar Verma, Deputy General Manager (NR-UNMS)
13. Sh. Sh. Mohan Kishor. N, Deputy General Manager (GA&C)
14. Sh. Harish Kumar, Deputy General Manager (ULDC)
15. Sh. Ghanshaym Meena, Manager

### **PTCUL**

16. Sh. Er. Dinesh Chandra, Executive Engineer
17. Sh. Er. Hara Ram, Assistant Engineer

### **NTPC**

18. Sh. Shashank Kumar, Senior Manager
19. Smt. Pritika Khimal, Senior Manager

### **RVPN**

20. Sh. Manish Athaiya, Suprintending Engineer (SSDA-SLDC)
21. Sh. Arvind Kumar, Executive Engineer 1 (SSDA-SLDC)

### **NHPC LTD.**

22. Sh. Vivek Kumar, Senior Manager
23. Sh. Nandkishor B. , Deputy Manager (E)



**PSTCL**

- 24. Sh. Mandeep Micky, Senior Executive Engineer
- 25. Sh. Gurminder Singh, Assistant Executive Engineer
- 26. Sh. Munish Kumar, Assistant Engineer

**BBMB**

- 27. Sh. Er. Gurpreet Singh, Deputy Director/ LD cell
- 28. Sh. Charanjeet Bhatiya, Assistant Director, LD

**CTUIL**

- 29. Sh. T. P. Verma, Deputy General Manager
- 30. Sh. Rahul Kumar Shakya , Engineer
- 31. Sh. Prakhar Pathak, Engineer

**UPPTCL**

- 32. Sh. Deepak Gupta, Assistant Engineer

**THDCIL**

- 33. Sh. Shrikant Pant, Senior Manager

**UPSLDC**

- 34. Sh. Vikas Kumar Jayant, Assistant Engineer

**HPSEBL, Shimla**

- 35. Sh. Khoob Ram Sharma, Assistant Executive Engineer

**HPSLDC**

- 36. Smt. Sunita Kapoor, Assistant Engineer

**HPPTCL**

- 37. Smt. Nikhila Thakur, Senior Executive

**DTL**

- 38. Sh. Jitendra Sharma, Deputy Manager

**POWERLINKS**

- 39. Sh.V. Surange, Executive Director & CEO