



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

दिनांक: 24.03.2026

सेवा में/ To,

संलग्न सूची के अनुसार/As per list attached

विषय: दूरसंचार, स्काडा और टेलीमेट्री उपसमिति की 30 वीं बैठक।

**Subject: 30<sup>th</sup> meeting of Telecommunication, SCADA & Telemetry Sub Committee**

उत्तर क्षेत्रीय विद्युत समिति की दूरसंचार, स्काडा और टेलीमेट्री (टेस्ट) उप-समिति की **30 वीं बैठक** दिनांक **10.04.2026** को **11:00 बजे सम्मेलन कक्ष, एन.आर.पी.सी, नई दिल्ली** में आयोजित की जाएगी। बैठक की अतिरिक्त कार्यसूची आपकी सूचना एवं आवश्यक कार्यवाही हेतु संलग्न है।

The 30<sup>th</sup> meeting of Telecommunication, SCADA & Telemetry (TeST) Sub-committee of NRPC will be **held at conference room in NRPC, New Delhi on 10.04.2026 at 11:00 AM**. The additional agenda for the meeting is enclosed herewith for your information and necessary action.

अनुलग्नक- यथोपरि।

भवदीय,  
Digitally signed by  
Anzum Parwej  
Date: 24-03-2026  
18:42:48

(अंजुम परवेज)

अधीक्षण अभियंता

## Contents

AA1 Allocation of fiber pairs from OPGW laid on 220kV Kashang-Wangtoo T/L of HPPTCL for communication requirements of Tidong HEP .....	2
--	---

**AA1 Allocation of fiber pairs from OPGW laid on 220kV Kashang-Wangtoo T/L of HPPTCL for communication requirements of Tidong HEP (Agenda by HPPTCL)**

1. M/s TPGPL vide letter dated 07.02.2026, has requested regarding allocation of 3 No. fiber pairs from OPGW laid on 220kV Kashang-Wangtoo T/L of HPPTCL i.e. one pair each, for protection signaling, voice communication and SCADA/ data communication.
2. The said 220kV Kashang-Wangtoo T/L has been transferred from HPSEBL to HPPTCL (earlier 220kV Kashang-Bhabha before commissioning of HPPTCL Wangtoo Sub-station) and its OPGW has been laid by **PGCIL** under “**220 kV Bhabha-Kashang link**” of **Package-1(a)-HPSEBL** for State Sector under **Fiber Optics Communication System (Additional Requirement)**.
3. The status of fibers utilization on existing OPGW is as under: -

Sr. No.	Description	Fiber Pairs	Remarks
1.	Total No. of fiber pairs on 220kV Kashang-Wangtoo transmission line with LILO at Bhoktoo	12 pairs	
2.	No. of fibers terminated at Bhoktoo Sub-station via LILO arrangement	6 pairs	
3.	Number of fibers reserved for Alternate Communication Path/ Future expansion/ Reconfiguration/ LILO requirement/ Inter-Utility Communication etc.	3 pairs	As per Clause 2.2 of CEA OPGW Sharing Guidelines (With philosophy of 1 Main, 1 Hot Standby & 1 Spare)
4.	Number of fiber pairs reserved for Technology migration/ Centralized asset management & Control	2 pairs	As per Clause 2.2 of CEA OPGW Sharing Guidelines
5.	Number of spare fiber pairs	1 pair	

4. Here, 1 fiber pair is sufficient to deploy protection signaling, voice communication and SCADA/ data communication. Although from redundancy point of view as mentioned in Clause 2.1 of CEA OPGW Sharing Guidelines, there is requirement of 3 pairs (1 pair as Main, 1 pair as Hot Standby and 1 pair as spare) ideally.
5. Thus, in above scenario, it is proposed to allocate 2 No. fiber pairs (1 pair as per S.No.5 and 1 pair to be spared from S.No.3) strictly for establishing 1 Main & 1 Hot Standby channel for communication requirements/ grid operation purposes.

**Members may deliberate.**