



GOVERNMENT OF ODISHA  
ENERGY DEPARTMENT

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No. 8264 /En., Bhubaneswar, Dated the 30/6/2025

PT2-ENG-RR-DISTCOM-0013-2014

From

Shri S.B.K. Pradhan, OAS (SAG),  
Additional Secretary to Govt.

To

The Chairman-cum-Managing Director,  
OPTCL, Bhubaneswar.

Sub: Facilitating Broadband expansion by allowing leasing of fiber on OPGW-regd.  
Sir,

I am directed to enclose herewith a copy of the DO letter No. 5-5/NBM-OPGW/2025-Part 2 dated 10.06.2025 received from the Secretary, Ministry of Communications, Government of India, New Delhi on the above mentioned subject and to say that the Central Electricity Authority(CEA) has issued a direction to all State Transmission Utilities (STUs) and Transmission Service Providers (TSPs) to incorporate necessary provisions in technical specifications of future transmission projects to support the laying of at least 48F OPGW, in place of the currently used 24F OPGW which will facilitate enhanced network connectivity in transmission infrastructure in remote and hilly areas.

The above enhanced technical specification is applicable for all future transmission projects including the projects which are in bidding stage.

It is, therefore, requested to kindly adhere to the above directive of the Central Electricity Authority(CEA) in all future transmission projects as well as which are under bidding stage.

Yours faithfully,

30.06.2025

Additional Secretary to Govt.

Memo No. 8265 /En., Dated 30/6/2025

Copy forwarded to the Secretary to Govt. of India, Ministry of Communications, Department of Telecommunications, Room No. 210, Sanchar Bhawan, 20, Ashoka Road, New Delhi-110001 for kind information with reference to his D.O letter No. 5-5/NBM-OPGW/2025-Part 2 dated 10.06.2025.

30.06.2025  
Additional Secretary to Govt.

2/c Com (Tel)  
11/7  
8265



DY.No-3267/PSE  
Dt-16.06.2025



Pr Secretary, E&IT  
Pr Secretary, Energy  
H/16

DO No.5-5/NBM-OPGW/2025-Part 2  
Dated the 10<sup>th</sup> June, 2025

I would like to inform you that the Central Electricity Authority, Ministry of Power (MoP) has recently issued a direction dated 22.11.2024 (copy enclosed) requesting State Transmission Utilities (STUs) and, all the Transmission Service Providers (TSPs) to incorporate the necessary provisions in the technical specifications of their future transmission schemes supporting the laying of at least 48F (Fibre) instead of 24F OPGW (Optical Ground Wire). MoP further advised that the schemes which are presently in the bidding stage may also be modified by the Bid Process Coordinators wherever applicable (copy enclosed).

In this regard, it may be noted that leveraging OPGW of the power sector provides and improves broadband connectivity with a special focus on hilly and remote regions of the country and makes the broadband networks resilient and reliable in times of disaster/ war in far-flung areas. To accelerate the growth of Broadband Connectivity in the state, the state support is required to implement the referred direction by MoP regarding the OPGW.

In view of the above, I request you to kindly pass a direction to the concerned officials of your state for implementation of the directions issued by the Central Electricity Authority.

OFFICE OF CHIEF SECRETARY									
OSWAS DIARY NUMBER									
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DATE									
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Yours sincerely,

*Am*

(Dr. Neeraj Mittal)

Chief Secretaries/Administrators of all States and UTs





भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
विद्युत संचार विकास प्रभाग  
Power Communication Development Division  
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CEA-PS-17-24/1/2024-PCD Division/

Date: 22-11-2024

To,

(As per the attached list)

**Subject: Facilitating Broadband expansion by allowing leasing of fiber on OPGW -  
regd.**

This has reference to the DO letter dated 11<sup>th</sup> November 2024 (No. 5-5/NBM-2024/PGCIL-OPGW) addressed to Secretary (MoP) from Department of Telecommunications, Ministry of Communications. Wherein MoP has been requested to consider laying at least 48F (48 Fibres) OPGW (Optical Ground Wire) in future transmission projects making provision for leasing of additional fibers for the use of telecom licensees i.e TSP (Telecom Service Provider)/ ISP (Internet Service Provider)/ IP (Internet Protocol)-I etc.

During a review meeting of NER (North Eastern Region) Telecom projects, Hon'ble Minister for Communication had directed to facilitate broadband expansion by allowing leasing of fibers on OPGW of POWERGRID in place of leasing of bandwidth, so that rural areas and hinterlands can get good and reliable telecom connectivity.

In view of this, CTU (Central Transmission Utility), POWERGRID, STUs (State Transmission Utilities) and all the TSPs (Transmission Service Providers) are requested to incorporate the necessary provisions in the technical specifications of their future transmission schemes supporting the laying of at least 48F OPGW instead of 24F OPGW for the upcoming TBCB (Tariff based Competitive Bidding)/RTM (Regulated Tariff Mechanism) schemes. It is further advised that the schemes which are presently in bidding stage may also be modified accordingly by the BPCs (Bid Process Coordinators) wherever applicable.

This issues with the approval of Chairperson, CEA.

22/11/24  
Chief Engineer (PCD)