



**भारत सरकार**  
**Government of India**  
**विद्युत मंत्रालय**  
**Ministry of Power**  
**केन्द्रीय विद्युत प्राधिकरण**  
**Central Electricity Authority**  
**विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग-II**  
**Power System Planning & Appraisal Division-II**

सेवा में / To

Chief Operating Officer, CTUIL  
 Saudamini, Plot No. 2,  
 Sector-29, Gurgaon-122001

**विषय/Subject: Implementation of ISTS Transmission/Communication Schemes approved by NCT in its 22<sup>nd</sup> meeting held on 23.08.2024- regarding**

महोदय/Sir,

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission and Communication Schemes in its 22<sup>nd</sup> meeting held on 23.08.2024, in line with MoP office order dated 28.10.2021 and MoP Guidelines dated 09<sup>th</sup> March, 2022, to be implemented through Regulated Tariff Mechanism (RTM) route by agency as indicated below:

**I. Modification in the earlier approved/notified transmission schemes:**

- 1. Modification in timeframe of one of the elements in the scope of "Transmission system for offshore wind zone phase -1 (500 MW VGF off coast of Gujarat for subzone B3)"**

MoP vide OM dated 20.08.2024 has awarded the transmission system for 500 MW offshore wind in Gujarat to CTUIL for their implementation under RTM mode by POWERGRID. CTUIL vide letter dated 20.08.2024 to POWERGRID forwarded MoP's referred OM and informed regarding allocation of the offshore 500 MW Scheme under RTM mode

NCT approved the modifications in timeframe of one of elements in the scope of "Transmission system for offshore wind zone phase -1 (500 MW VGF off coast of Gujarat for subzone B3):

| Scope | Approved Timeline of Transmission Scheme (As per 20 <sup>th</sup> NCT) | Revised timeline |
|-------|--|------------------|
|       |  |                  |

|   |            |                  |
|---|------------|------------------|
| <p>Creation of 400kV switchyard along with Installation of 2x1500 MVA, 765/400 kV ICTs at Vataman (AIS) with 2x125 MVAr (420 kV) Bus Reactors</p> <ul style="list-style-type: none"> <li>• 765/400kV, 1500 MVA, ICTs – 2 nos. (7x500MVA incl. spare unit)</li> <li>• 765kV ICT bays – 2 nos.</li> <li>• 400kV ICT bays – 2 nos.</li> <li>• 2x125 MVAR, 420kV Bus Reactor – 1 no.</li> <li>• 400 kV Bus Reactor bay – 2 no.</li> </ul> | March-2029 | <b>18 Months</b> |
|---|------------|------------------|

**CTUIL is requested to incorporate the changed timeline.**

**2. Time extension for Communication Scheme “Requirement of additional FOTE of STM-16 capacity at Bhuj-II substation to cater connectivity of RE Gencos” approved in 14th NCT**

NCT approved the Time extension for Communication Scheme “Requirement of additional FOTE of STM-16 capacity at Bhuj-II substation to cater connectivity of RE Gencos” approved in 14th NCT from 12 months from the date of allocation to **18 months** from the date of allocation i.e. 07.07.23.

**CTU is requested to intimate the implementing Agency**

**II. ISTS schemes costing between Rs. 100 Crs. To Rs. 500 Crs. approved by NCT under RTM route:**

| Sl. No. | Name of Transmission Scheme  | Implementation Mode   | Implementation timeframe  | Estimated Cost (₹ Cr) |
|---------|--|-----------------------|---|-----------------------|
| 1.      | Eastern Region Expansion Scheme-43 (ERES-43)                                       | RTM through POWERGRID | 18 months (15 months on best effort basis)  | 310.28                |
| 2.      | Additional Transmission System Proposed for redundant power supply to Dholera area | RTM through POWERGRID | 18 months matching with Creation of 400 kV switchyard along with Installation of 2x1500 MVA, 765/400 kV ICTs at Vataman (AIS) S/s being implemented | 110                   |

|  |  |  |   |  |
|--|--|--|---|--|
|  |  |  | under<br>"Transmission<br>system for offshore<br>wind zone phase -1<br>(500 MW VGF off<br>coast of Gujarat for<br>subzone B3)"<br>scheme. |  |
|--|--|--|---|--|

### III. ISTS Communication schemes approved by NCT:

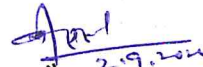
| Sl. No. | Name of Transmission Scheme   | Implementation Mode | Tentative Implementation timeframe    | Implementing Agency | Estimated Cost (Rs. Crs) |
|---------|---|---------------------|---------------------------------------|---------------------|--------------------------|
| 1.      | Scheme for Requirement of Additional FOTE for redundancy at AGC locations in NER: Revised | RTM                 | 6 months from the date of allocation  | POWERGRID           | 0.90                     |
| 2.      | Optical Fibre Connectivity for NLDC new building, August Kranti Marg, New Delhi           | RTM                 | 12 months from the date of allocation | POWERGRID           | 7.2                      |

The above schemes awarded to CTUIL for implementation under RTM mode. CTUIL is requested to take necessary action for entering into a concession agreement with the respective agency for implementation of the above schemes.

**CTU is requested to intimate the implementing Agency.** Detailed scope of the schemes are as per minutes of the meeting. Copy of the minutes are enclosed.

Encl.: As above.

भवदीय / Yours faithfully,

  
(बी.एस. बैरवा/ B.S. Bairwa)

**मुख्य अभियन्ता (इंचार्ज) एवं सदस्य सचिव, एन.सी.टी./**  
Chief Engineer (I/C) & Member Secretary (NCT)

Copy to:

Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi-110001

