



## TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub : Administrative Approval for Augmentation of 3rd 500MVA, 400/220 kV ICT at 400/220/132/33 kV Raidurg GIS Substation (including future ICT-4 Bay) - Accorded.

T.O.O.(CE-400kV) Ms.No.2448

Date: 24.07.2025

Read the following:

### **ORDER**

Load flow studies were carried out by Power Systems wing, for 2028-29 time frame regarding requirement for augmentation of ICT capacity at 400/220/132/33kV Raidurg GIS Substation in Telangana State considering Peak demand of 22488 MW (as per 20th Electric Power Survey report (EPS)) for Telangana State and observed that the augmentation of ICT capacity from 2x500 MVA to 3x500 MVA at 400/220/132/33kV Raidurg GIS Substation is required.

2) The proposal for augmentation of ICT capacity from 2x500 MVA to 3x500 MVA at 400/220/132/33kV Raidurg GIS Substation was approved by the CEA vide letter dated 07.10.2024.

3) The peak load on Raidurg GIS Substation so far reached is 650 MW on 04.05.2024. Further to Augmentation of 500MVA, 400/220kV ICT-3 at Raidurg GIS Substation, future ICT-4 bay and 400kV & 220kV Bus extensions along with associated equipment are considered to avoid difficulty in execution involving major bus shutdowns in future.

4) Accordingly, after careful examination, TGTRANSCO accords Administrative Approval for the Augmentation of 400/220kV ICT capacity at Raidurg GIS from 2x500 MVA to 3x500 MVA along with Bus extensions of Bus-I & II, duly considering the future requirement of future ICT-4 and associated Bays equipment at an estimated cost of Rs.99.082 Crore and Interest During Construction (IDC) of Rs.4.954 Crore. The total cost of the Scheme including IDC is Rs.104.036 Crore.

5) The Chief Engineer/ 400kV, Vidyut Soudha, Hyderabad is authorized to take up the works and FA&CCA (Accounts & CFO) shall provide the necessary budget as per the scope of works.

6) The Scheme will be executed with financial assistance from PFC/ REC/ HUDCO/ any other Financial assistance or from Internal resources.

7) This Order is issued with the concurrence of the Director (Finance), TGTRANSCO vide Regd. No.237, dated 19.07.2025.

(BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF TELANGANA LIMITED)

D.KRISHNA BHASKAR, I.A.S.  
CHAIRMAN AND MANAGING DIRECTOR

To

The Chief Engineer/400kV, TGTRANSCO, Vidyut Soudha, Hyderabad

The FA & CCA / Accounts & CFO, TGTRANSCO, Vidyut Soudha, Hyderabad

Copy to:

The Chief Engineer/Comml.&RAC, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer/P&MM, TGTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer/Construction, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer/Power Systems, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer/SLDC, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer/Transmission, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer/Civil, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer/Telecom, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer/400kV, Construction, TGTRANSCO, Warangal

The Chief Engineer/Metro Zone, TGTRANSCO, Erragadda, Hyderabad.

The Superintending Engineer/400kV/Const./Metro, TGTRANSCO, Hyderabad.

The Superintending Engineer/Schemes & Designs/Construction, Vidyut Soudha/Hyd

The Superintending Engineer/Power Systems, TGTRANSCO, Vidyut Soudha, Hyd.

SE (Technl.) to CMD/TGTRANSCO/Vidyut Soudha / Hyderabad.

DE (Technl.) to Director/ Projects,TGTRANSCO, Vidyut Soudha, Hyderabad.

ADE (Technl.) to Director/Grid & Transmission Management, TGTRANSCO, Hyd.

PA to Director/ Finance, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Compnay Secretary, TGTRANSCO, Vidyut Soudha, Hyderabad.

The Estate Officer, TGTRANSCO, Vidyut Soudha, Hyderabad.

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