



TRANSMISSION CORPORATION OF TELANGANA LIMITED
VIDYUT SOUDHA :: HYDERABAD – 500 082. Off: PABX:040-23396000
Website:www.tgtransco.com CIN No:U40102TG2014SGC094248

Augmentation of 220/132KV PTRs at 220/132KV SS Nirmal – Administrative Approval - Regarding.

T.O.O. CE (Transmission) Ms. No.2658

Dt:17.02.2026

Read the following:

Ref: - T.O.O.CE (Transmission) Ms. No.1887 Dt. 17.01.2024

ORDER:

1. The administrative approval for augmentation of 220/132KV PTRs from 3X100 MVA to 2x160+1x100 MVA at 220/132KV SS Nirmal was accorded vide T.O.O.CE (Transmission) Ms. No.1887 Dt. 17.01.2024.
2. The CE/Karimnagar zone has informed that in order to augment the 2nd 100MVA PTR with 160MVA, the existing HV & LV CTs are to be replaced and plinth modification also to be done, which take at least one month and that it is very difficult to maintain uninterrupted three phase supply for one month. Hence, the CE/KNR zone has requested to accord approval for installation of 4th 160MVA PTR along with bay extension to meet upcoming loads and also to maintain (N-1) contingency.
3. The CE/Power Systems has conducted the study considering the maximum demand reached on substation and load growth of 7.5% for two years and communicated that augmentation of 220/132KV PTRs from 2X100+1x160 MVA to 2x100+2x160 MVA at 220/132KV SS Nirmal is observed to be technically feasible.
4. Based on the above study, after careful examination, TGTRANSCO accords approval for the Augmentation scheme at a cost of **Rs.1985.63 Lakhs** as mentioned below.

Sl. No	Name of the Sub-station	Existing PTRs in MVA	Proposed capacity in MVA	Net addition in MVA	PTR Rating in MVA	Each PTR Cost including GST (Rs.)	Total Cost (Rs in Lakhs)
1	220/132KV SS Nirmal	2X100+1x160	2x100+2x160	160	160	13,74,70,000/-	1985.63

Contd...2

5. It is hereby authorized as follows:

- i. The Chief Engineer/Karimnagar zone shall take up the works by calling tenders. The works shall be awarded by CE/Karimnagar zone after obtaining necessary approvals as per the delegation of powers in vogue.
- ii. FA&CCA(Accounts) & CFO shall allocate budget of **Rs.1985.63 Lakhs** from internal resources or shall tie up loan from PFC/REC/Banks (or) any other Financial Agency for the above works.
- iii. Scheme code shall be provided and capital budget shall be allocated during 2025-26 for the subject work.
- iv. The Chief Engineer/P&MM shall procure PTRs & associated equipment / material required for taking up augmentation works.

6. This order is issued with the concurrence of the Director (Fin., Comml. & HRD) vide Regd. No.2334/a, Dt:30.12.2025.

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

**D.KRISHNA BHASKAR, IAS
CHAIRMAN & MANAGING DIRECTOR**

To

The Chief Engineer/ Transmission/ TGTRANSCO/Vidyut Soudha/Hyderabad.
The Chief Engineer/P&MM/TGTRANSCO/Vidyut Soudha/Hyderabad.
The FA & CCA (R & A) & CFO/TGTRANSCO/Vidyut Soudha, Hyderabad.
The Chief Engineers/Metro, Rural, Warangal and Karimnagar zones/TGTRANSCO

Copy to:

The Chief Engineer/Comml. & RAC/TGTRANSCO/Vidyut Soudha/ Hyderabad.
The Chief Engineer/SLDC/TGTRANSCO/Vidyut Soudha/ Hyderabad.
The Chief Engineer/400KV/TGTRANSCO/Vidyut Soudha/Hyderabad.
The Chief Engineers/Construction-I & II/TGTRANSCO/Vidyut Soudha/Hyderabad.
The Chief Engineer Engineer/Power Systems/TGTRANSCO/Vidyut Soudha/Hyd
The Chief Engineer /Civil /TGTRANSCO/Vidyut Soudha/Hyderabad.
The Superintending Engineer/OMC/Adilabad
The Superintending Engineer/Civil/Karimnagar
The Superintending Engineer/Operation/Nirmal/TGNPDCL
The SE(Technical) to CMD/TGTRANSCO/Vidyut Soudha / Hyderabad.
The DE(Technical) to CMD /TGNPDCL/Hyderabad.
The DE(Technical) to Director (Grid and Transmission Management)/ TGTRANSCO/
Vidyut Soudha/Hyd.
The DE(Technical) to Director / Projects / TGTRANSCO/Vidyut Soudha/Hyd.
PA to Director(Fin. Comml,& HRD)/TGTRANSCO/Vidyut Soudha/Hyderabad.

Current File:CE(Tr)/SE(Tr)/DE(TR)/ADE/File No./D.No.497/25, Dt:17.02.2026

// Forwarded By Order //

Sd /-

Divisional Engineer / Transmission