



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

Augmentation of 132/33 KV PTR Capacities from 1x31.5+1x50 MVA to 3x50 MVA at 132/33KV Mancheria SS, in OMC circle Adilabad, in order to meet the increase in demand – Revised Administrative Approval -Regarding.

T.O.O. CE (Transmission) Ms. No.2502

Dt.02.09.2025.

Read the following

ORDER:

1. Administrative Approval was accorded for Augmentation of PTR capacity at 132 KV Mancheria SS from 1x31.5+1x50 to 1x50+1x80 MVA in OMC Adilabad circle, vide T.O.O. Ms.No.2132, Dated:26.11.2024 for an amount of Rs.702.92 lakhs.
2. The Chief Engineer/Karimnagar Zone/TGTRANSCO vide letter dt:03.06.2025 has informed that for Augmentation of 31.5MVA PTR with 80 MVA PTR, the existing HV & LV bay CTs and PTR plinth size is not suitable. So it is required to dismantle the existing PTR plinth & have to construct new PTR plinth for commissioning of 80 MVA PTR. It takes around 20 to 30 days' time for construction of new 80 MVA PTR plinth. During this work execution, only one 50MVA will be in service and N-1 contingency will not be available till the commissioning of the 80MVA PTR, it may take around 35 to 40 days for constructing new PTR plinth and commissioning of 80MVA PTR.

Hence, to avoid above difficulties and to maintain uninterrupted power supply at 132/33KV Mancheria, it is proposed to install 3rd 50 MVA PTR instead of the already approved proposal of enhancing 31.5MVA PTR with 80MVA PTR.

3. The revised estimate for an amount of Rs.1213.41 lakhs for Augmentation of 132/33 KV PTR Capacities from 1x31.5+1x50 MVA to 3x50 MVA at 132/33KV Mancheria SS, but the revised project cost is exceeded 10% over and above administrative approval and requested for revision of administrative approval for the subject work.

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4. After careful consideration, TGTRANSCO accords / revised approval for Augmentation of PTR capacity at 132KV Mancheria SS in Karimnagar Zone, so as to avoid overloading of Power Transformers, to meet future load growth as below.

Sl. No.	Name of the Sub-station	Existing PTRs in MVA	Revised PTR capacity in MVA	Net addition in MVA	Revised Estimated Cost in Rs.(Lakhs)
1	132/33KV Mancheria	1x31.5+1x50	3x50	68.5	1213.41
			Total in MVA		1213.41

5. The scheme now proposed for augmenting the PTR capacity at the above substation at a total estimated cost of Rs.1213.41 lakhs will be taken up during 2024-25.
6. The work of augmentation of PTR capacity from 1x31.5+1x50 MVA to 3x50MVA at 132/33 Mancheria SS with scheme ID:A-24-14 for an amount of **Rs.1213.41 lakhs**, which requires an additional budget for an amount of **Rs. 510.49 Lakhs**, as per the revised estimate.
7. The Chief Engineer/Karimnagar zone shall take up the works by calling tenders, as per the delegation of powers in vogue.
8. FA&CCA(Accounts) shall allocate additional budget of **Rs.510.49 Lakhs** from internal resources for the above works, with scheme ID:A-24-14.
9. This order is issued with the concurrence of the Director /(Fin., Comml., & HRD) vide Regd. No.681, Dt:21.08.2025.

(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 (Accounts) /TGTRANSCO/Vidyut Soudha, Hyderabad.

The Chief Engineers/Metro Zone, Rural zone, Warangal & Karimnagar/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 Engineer/Construction /TGTRANSCO/Vidyut Soudha/Hyderabad.

The Superintending Engineer/Construction/Vidyut Soudha/Hyderabad.

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The Superintending Engineer/Schemes& Designs/Construction/Vidyut Soudha/Hyd
The Superintending Engineer/Power Systems/TGTRANSCO/Vidyut Soudha/Hyd
The Superintending Engineer/P&MM/TGTRANSCO/Vidyut Soudha/Hyderabad.
The Superintending Engineers/OMC/Adilabad TGTRANSCO.
The Superintending Engineer /Civil /TGTRANSCO/Vidyut Soudha/Hyderabad.
The Superintending Engineer/Civil/ Metro/Rural /Hyderabad.
The Superintending Engineer/Operation/Adilabad /TGPNPDCL
The SE (Technical) to CMD/TGTRANSCO/Vidyut Soudha / Hyderabad.
The DE(Technical) to CMD /TGSPDCL/Hyderabad.
The DE(Technical) to CMD /TGPNPDCL/Hyderabad.
The DE(Technical) to Director / Projects / TGTRANSCO/Vidyut Soudha/Hyd.
The ADE(Technical) to Director (Grid & Transmission Management)/TGTRANSCO/ Vidyut Soudha/Hyd.
The DE(Technical) to Director / Projects / TGTRANSCO/Vidyut Soudha/Hyd.
The ADE(Technical) to Director (Grid &Transmission Management)/TGTRANSCO/ Vidyut Soudha/Hyd.
The PS to Director (Finance)/TGTRANSCO/Vidyut Soudha/ Hyderabad.

Current File:CE(Tr)/SE(Tr)/DE(SS)/ADE/File No.Aug Mancherial./D.No. 257/25, Dt:02.09.2025

Energy saved is energy produced // Electricity saved is electricity produced

//Forwarded By Order //

Sd/-

Superintending Engineer-Transmission