



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

Augmentation of 132/33 KV Transformer Capacities at 11Nos. EHT Substations – Administrative Approval -Regarding.

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**T.O.O. CE (Transmission) Ms. No. 1581**

**Dt: 01.03.2023**

**Read the following**

**ORDER:**

In order to avoid over loading of Power Transformers, to meet the future load growth and to maintain high efficiency of power Transformers, Chief Engineer/Zones have proposed for augmentation of Transformer capacities at various EHT Substations where loads are above 80%. the proposed scheme as per Annexure at an estimated cost of Rs **664.27 Lakhs** including contingencies, establishment and other overhead charges.

2) After careful examination, TSTRANSCO accords approval for the Augmentation scheme at a cost of Rs **664.27 Lakhs** so as to avoid over loading of Power Transformers, to meet the future load growth and to maintain high efficiency of Power Transformers in the EHT Substations duly utilizing the transformers under procurement or released PTRs as mentioned in the Annexure.

3) It is hereby authorized as follows:

i) Chief Engineer/zones to take up the works after funding tie-up by calling tenders, as per the delegation of powers in vogue.

iii) FA&CCA(Accounts) shall tie up loan by PFC/REC /Banks, any other Financial Agency or from internal resources.

iv) Chief Engineer/P&MM shall procure associated equipment / material required for taking up augmentation works.

4) This order is issued with the concurrence of the Joint Managing Director (Fin., Comml. & HRD) vide Regd. No.840, Dt:25.02.2023.

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

**D.PRABHAKAR RAO**  
**Chairman & Managing Director**

**To**

The Chief Engineer/ Transmission/ TSTRANSCO/VidyutSoudha/Hyderabad.

The Chief Engineer/P &MM/TSTRANSCO/VidyutSoudha/Hyderabad.

The FA & CCA (Accounts) /TSTRANSCO/VidyutSoudha, Hyderabad.

The Chief Engineer/Metro Zone/ TSTRANSCO.

The Chief Engineer/Rural Zone/ TSTRANSCO

The Chief Engineer/Warangal Zone/ TSTRANSCO

Contd...2.

**Copy to:**

The Chief Engineer/Comml., &RAC/TSTRANSCO/VidyutSoudha/ Hyderabad.  
The Chief Engineer/SLDC/TSTRANSCO/VidyutSoudha/ Hyderabad.  
The Chief Engineer/400KV /TSTRANSCO/VidyutSoudha/Hyderabad.  
The Chief Engineer/Construction /TSTRANSCO/VidyutSoudha/Hyderabad.  
The Chief Engineer /Civil /TSTRANSCO/Vidyut Soudha/Hyderabad.  
The Superintending Engineer/Construction/VidyutSoudha/Hyderabad.  
The Superintending Engineer/Schemes& Designs/Construction/VidyutSoudha/Hyderabad  
The Superintending Engineer/Power Systems/TSTRANSCO/VidyutSoudha/ Hyderabad.  
The Superintending Engineer/P&MM/TSTRANSCO/VidyutSoudha/Hyderabad.  
The Superintending Engineer /OMC/Circles /TSTRANSCO.  
The Superintending Engineer /Civil /TSTRANSCO/VidyutSoudha/Hyderabad.  
The SE (Technical) to CMD/TSTRANSCO/VidyutSoudha / Hyderabad.  
The DE(Technical) to CMD /TSSPDCL/Hyderabad.  
The DE(Technical) to CMD /TSNPDCL/Hyderabad.  
The DE(Technical) to Director / Projects / TSTRANSCO/VidyutSoudha/ Hyderabad  
The DE(Technical) to Director (Transmission)/TSTRANSCO/ VidyutSoudha/ Hyderabad.  
The ADE/(Technical) to Director (LIS)/TSTRANSCO/VidyutSoudha/ Hyderabad.  
The AE (Technical) to Director/ Grid Operation/TSTRANSCO/VidyutSoudha/ Hyderabad.  
PA to JMD(Fin.Comml,& HRD)/TSTRANSCO/ Vidyut Soudha/ Hyderabad.

**Current File:CE(Tr)/SE(Tr)/DE/ADE/File No. /D.No. 812/22, Dt: 01.03.2023**

//Forwarded by Order//

Divisional Engineer/Transmission

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

## Annexure to T.O.O (CE-Transmission) Ms.No.1581, Dt:01.03.2023

Sl. No.	Name of the Sub-station	Existing PTRs in MVA	Proposed capacity in MVA	Net addition in MVA	Estimated Cost in Rs in Lakhs
1	132 KV Mustyal SS	2 x 50	3x50	50	126.62
2	220KV Fabcity SS	2x50	3x50	50	145.12
3	132 KV Kodad SS	2x50	3x50	50	126.09
4	132 KV Jadcherla SS	2x50	3x50	50	153.67
5	132 KV Nekkonda SS	1x50+1x31.5	2x50	18.5	16.11
6	132 KV Nellikuduru SS	1x31.5+1x16	1x50+1x31.5	34	16.11
7	132KV Thallada SS	1x50+ 1x31.5	2x50	18.5	16.11
8	220 KV Kosigi SS	1x16+1x31.5	1x31.5+1x50	34	16.11
9	132 KV Munagala SS	1x16+2x31.5	2x31.5+1x50	34	16.11
10	132 KV Yellandu SS	1x50+1x31.5	2x50	18.5	16.11
11	220KV Nagarkurnool SS	1x50+2x31.5	2x50+1x31.5	18.5	16.11
			<b>Total in MVA</b>	<b>376</b>	<b>664.27</b>