



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

Augmentation of 220/132 KV Transformer capacities at 5 Nos. EHT Substations – Administrative Approval -Regarding.

T.O.O. CE (Transmission) Ms. No. 1209

Dt. 04. 10.2021.

Read the following

ORDER:

The Chief Engineer/zones has requested to arrange approval for augmentation of Transformer capacities at various EHT Substations where loads are above 80% of station capacity during Nov-2020, Dec-2020 & Jan 2020 and the Chief Engineer/Transmission, vidyut soudha, Hyderabad has proposed for augmentation of Transformer capacities at various 220kV Substations an estimated cost of Rs. **3264.02** Lakhs including contingencies, establishment and other overhead charges.

2) After careful examination, TSTRANSCO accords approval for the augmentation of 220/132 KV PTRs in order to avoid over loading of Power Transformers, to meet the future load growth and to maintain high efficiency of power Transformers, at an estimated cost of Rs.**3264.02 Lakhs** including contingencies, establishment and other overhead charges.

Sl. No.	Name of the Sub-station	Existing PTRs in MVA	Power Systems wing Recommendations in MVA	Net addition in MVA	Estimated Cost in Rs in Lakhs
1	400KV Gajwel SS at 220 KV level	2x160+1x100	3x160	60	478.79
2	220 KV Jangaon SS	2x100	2x100+1x160	160	734.11
3	220KV Mahabubabad SS	2x100	3x100	100	582.9
4	220 KV Bheemgal SS	1x100 +1x160	2x160+1x100	160	734.11
5	220 KV Jagityal SS	3x100	3 x 100+1x 160	160	734.11
			Total in MVA	640	3264.02

3) It is hereby authorized as follows:

- i) Chief Engineer/Transmission to submit investment approval proposal to the TSERC.
- ii) Chief Engineer/zones to take up the works after funding tie-up and investment approval from the TSERC. by calling tenders, as per the delegation of powers in vogue.
- iii) FA&CCA(Accounts) to tie up loan by PFC/REC/Banks, any other Financial Agency or from internal resources.
- iv) Chief Engineer/P&MM to procure PTRs & 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. 3998, Dt:30 .09.2021.

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

C. SRINIVASA RAO
Chairman & Managing Director(FAC)

Contd...2.

To

The Chief Engineer/ Transmission/ TSTRANSCO/Vidyut Soudha/Hyderabad.
The Chief Engineer/P &MM/TSTRANSCO/Vidyut Soudha/Hyderabad.
The FA & CCA (Accounts) /TSTRANSCO/Vidyut Soudha, Hyderabad.
The Chief Engineer/Metro Zone/ TSTRANSCO.
The Chief Engineer/Rural Zone/ TSTRANSCO
The Chief Engineer/ Warangal Zone/ TSTRANSCO
The Chief Engineer/Karimnagar Zone/ TSTRANSCO

Copy to:

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

Current File:CE(Tr)/SE(Tr)/DE(SS)/ADE-2/File No. Aug -220/132/21/ D.No. 445/21, Dt: 04.10.2021

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

//Forwarded By Order //

Divisional Engineer-SS