



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 24 EHT Substations, – Administrative Approval - Regarding.

T.O.O. CE (Transmission) Ms. No. 1211

Dt. 07 . 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 132 kV Substations an estimated cost of Rs. **4875.24** Lakhs including contingencies, establishment and other overhead charges.

2) After careful examination, TSTRANSCO accords approval for the Augmentation scheme at a cost of Rs.**4875.24** Lakhs so as to avoid overloading of power transformers in the EHT Substations mentioned in the Annexure.

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. 4101, Dt: 04. 10 .2021.

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

C. SRINIVASA RAO
Chairman & Managing Director(FAC)

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

Contd...2.

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. 2021 /21/ D.No. 447/21, Dt:07.10.2021

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

//Forwarded By Order //

Divisional Engineer-SS

Annexure to T.O.O (CE-Transmission) Ms.No 1211 Dt: 07 . 10 .2021

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
	TSNPDCL				
1	132 KV Wardhannapet SS	2 x 50	3x50	50	92.53
2	132 KV Bachannapet SS	3 x 16	1x31.5+2x16	15.5	13.25
3	132 KV Burgupally SS	1 x 31.5+1 x 16	2x31.5	15.5	13.25
4	132 KV Mudhole SS(*)	2 x 16	3x16	16	102.53
5	132 KV Luxitpet SS	1 x 31.5+1 x 16	1x31.5+1x50	34	213.43
6	132 KV Gangadhara SS	2 x 16	2x16+1x31.5	31.5	92.53
7	220 KV Dichpally SS	2x50	1x80 + 1x50	30	358.25
8	132 KV Padmajiwardi SS	1x31.5 + 1x16	2x31.5	15.5	154.22
	TSSPDCL				
9	132 KV Medak SS	2 x 50	3x50	50	292.71
10	132 KV Manoharabad SS	1 x 80 + 1 x 50	1x80+2x50	50	292.71
11	132 KV Ramayampet SS	2 x 31.5	1x50+1x31.5	18.5	213.43
12	132 KV Palamakula SS	2 x 31.5	1x50+1x31.5	18.5	213.43
13	132 KV Choutuppall SS	2 x 50	3x50	50	292.71
14	132 KV Suryapet SS	2 x 80	3x80	80	426.01
15	132 KV Yerrabelly SS	2 x 31.5	2x50	37	26.5
16	132 KV Wadapally SS	1 x 31.5 +1 x 15	1x31.5+1x50	34	13.25
17	132 KV Aitipamula SS	1 x 50 +1 x 31.5	1x31.5+1x80	30	358.25
18	132 KV Munugodu SS	1 x 31.5+1 x 10/16	2x31.5	15.5	13.25
19	132 KV Marriguda SS	2 x 50	1x31.5 +2x50	31.5	92.53
20	220 KV Bhoothpur SS	1x50 + 1x10/16	1x50 + 1x31.5	15.5	13.25
21	132 KV Thirumalaipally SS	2x31.5 + 1x10/16	3x31.5	15.5	154.22
22	132 KV Achampet SS	2x50	2x80	60	716.5
23	132 KV Turkayamjal SS	1 x 50 +1 x 31.5	1x50+1x80	48.5	358.25
24	220 KV Ghanapur SS	1x80+1x31.5	2x80	48.5	358.25

Total 4875.24