



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

Augmentation of PTR capacity from 2x100MVA to 2x160MVA at 220KV Renjal Substation – Administrative Approval -Regarding.

T.O.O. CE (Transmission) Ms. No.1877

Dt.10.01.2024.

Read the following

ORDER:

1. The 220/132 KV Renjal Sub-Station at present there are 2Nos. 100MVA PTRs in service. The maximum demand reached so far on above PTRs was 187.84MVA on 29.03.2022 at 07:00Hrs. The existing Transformers capacity is not sufficient to feed present and upcoming loads. Hence, the augmentation of PTR Capacity from 2x100MVA to 2x160MVA at 220KV Renjal Substation is required to meet loads and also to meet future loads i.e 132KV Railway feeders from 220KV Renjal SS and proposed alternate source for 132KV Nandipet from Bagepally SS.
2. After careful examination, TSTRANSCO accords approval as detailed below:
 - i) Augmentation of PTR capacity at 220KV Renjal Substation, is as follows.

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.(Lakhs)
1	220/132 KV Renjal SS	2x100	2 x 160	120	1870.08
			Total in MVA	120	1870.08

- ii) The Chief Engineer/Karimnagar Zone is authorized to take up the works of augmentation of PTR from 2x100MVA to 2x160MVA at 220KV Renjal Substation by calling tenders on top priority, as per the delegation of powers in vogue.
 - iii) FA&CCA(Accounts) shall allocate Capital budget of Rs. 1870.08 Lakhs from internal resources for the above works.

Contd...2.

- iv) Scheme code shall be provided and capital budget shall be allocated during 2023-24 and for the subject scheme for the Karimnagar Zone.
- v) The released 2 Nos. 100MVA PTRs will be utilized for Augmentation / upcoming 220/132 KV Sub-stations.
- 3) This order is issued with the concurrence of the Joint Managing Director (Fin., Comml. & HRD) vide Regd. No.34, Dt:04.01.2024.

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

S.A.M. Rizvi, IAS
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/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 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/Nizamabad/TSTRANSCO.

The Superintending Engineer /Civil /TSTRANSCO/Vidyut Soudha/Hyderabad.

The Superintending Engineer/Civil/ Rural /Hyderabad.

The Superintending Engineer/Operation/Nizamabad/TSNPDCL.

Contd...3.

The SE (Technical) to CMD/TSTRANSCO/Vidyut Soudha / 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/File No.Renjal/D.No. 721/23, Dt:10.01.2024.

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

//Forwarded By Order //

Divisional Engineer-Transmission