



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 3x50 MVA to 1 x 80 + 2x50 MVA at 132KV Balanagar Sub-station – Administrative Approval -Regarding.

T.O.O. CE (Transmission) Ms. No. 1486

Dt.11.10.2022.

Read the following

ORDER:

The 132 KV Balanagar SS is having 3x50MVA PTRs and 17Nos. 33KV feeders out of which 11 Nos. are dedicated Industrial feeders and remaining 6 Nos. are agriculture feeders that are catering industrial and domestic loads. The maximum station demand reached is 127.8 MW in march 2022 i.e 85.2% of station capacity 150MVA.

Hence, Augmentation of PTR capacity from 3x50 MVA to 2x50 + 1x80 MVA at 132/33 KV SS Balanagar is required in order to meet the exponentially increasing industrial, domestic and agricultural loads without any load reliefs of existing loads in near future.

- 2) After careful examination, TSTRANSCO accords approval as detailed below:
- i. Augmentation of PTR capacity at 132 KV Balanagar SS to avoid over loading of PTRs during peak load and to avoid load shedding for industrial and agriculture customers:

Sl. No	Name of the substation	Existing PTRs Capacity (in MVA)	Enhancement of PTRs capacity (in MVA)	Enhanced PTR capacity in MVA	Estimated cost in Lakhs(Rs.)
1	132 KV SS Balanagar	3x50	1x80+2x50	30	627.16
				Total	627.16

- ii. The Chief Engineer/Rural zone is authorized to take up the works of augmentation of PTR capacity to take up the works of augmentation of PTR capacity from 3x50 MVA to 2x50 + 1x80 MVA at 132KV SS Balanagar by calling tenders on priority, as per the delegation of powers in vogue.
- iii. The FA&CCA(Accounts) & CFO to arrange necessary budget from TSTRANSCO funds.
- iv. Scheme code shall be provided and capital budget shall be allocated during 2022-23 and for the subject scheme for the Rural Zone.

Contd...2.

v. The Chief Engineer/P&MM for procurement of associated equipment / material, as per the Cost data.

3) This order is issued with the concurrence of the Joint Managing Director (Fin., Comml. & HRD) vide Regd. No. 4265 , Dt: 01.10.2022.

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

D. PRABHAKAR RAO
Chairman & Managing Director

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/Rural 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/Mahabubnagar/TSTRANSCO.

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

The Superintending Engineer/Civil/ Rural /Hyderabad.

The Superintending Engineer/Operation/Mahabubnagar/TSSPDCL

The SE (Technical) to the CMD/TSTRANSCO/Vidyut Soudha / Hyderabad.

The DE(Technical) to the CMD /TSSPDCL/Hyderabad.

The DE(Technical) to the Director / Projects / TSTRANSCO/Vidyut Soudha/ Hyderabad

The DE(Technical) to the Director (Transmission)/TSTRANSCO/ Vidyut Soudha/ Hyderabad.

The ADE/(Technical) to the Director (LIS)/TSTRANSCO/Vidyut Soudha/ Hyderabad.

The AE (Technical) to the Director/ Grid Operation/TSTRANSCO/Vidyut Soudha/ Hyderabad.

The PA to the JMD(Fin.Comml,& HRD)/TSTRANSCO/ Vidyut Soudha/ Hyderabad.

Current File:CE(Tr)/SE(Tr)/DE(SS)/ADE-2/File No.2551/22 /D.No. 464 /22, Dt:11.10.2022

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

//Forwarded By Order //

Divisional Engineer-SS