



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 Medchal Sub-station– Administrative Approval -Regarding.

T.O.O. CE (Transmission) Ms. No.1411

Dt. 06 . 06 .2022.

Read the following

ORDER:

The 132 KV Medchal SS is having 4Nos. 132KV feeders. 3x50MVA PTRs and 17Nos. 33KV feeders that are catering industrial and domestic loads. The maximum station demand reached so far is 127MW at 17:00 Hrs on 05.04.2022.

During a co-ordination meeting with TSSPDCL held on 27.04.2022. the TSSPDCL officials have requested for PTR augmentation to cater additional load demands in and around Medchal.

Hence, augmentation of one of the existing PTR 50MVA with 80MVA is proposed for consideration.

2) After careful examination, TSTRANSCO accords approval as detailed below:

i. Augmentation of PTR capacity at 132 KV Medchal SS to avoid over loading of PTRs during peak load and to avoid load shedding for industrial and residential 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 Medchal SS	3x50	1x80+2x50	30	25.63
				Total	25.63

ii. The Chief Engineer/Metro Zone is authorized to take up the works of augmentation of PTR capacity from 3x50 MVA to 1 x 80 + 2x50 MVA at 132KV Medchal Sub-station by moving 80 MVA PTR from 132 KV Chilakalguda SS to 132 KV Medchal SS and released 50 MVA shall be transferred from 132KV Medchal SS to 132 KV Chilakalguda SS by calling tenders on top 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 Metro 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. 2255, Dt: 31.05.2022.

(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/Metro 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/Metro-West/TSTRANSCO.

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

The Superintending Engineer/Civil/ Metro /Hyderabad.

The Superintending Engineer/Operation/Central/TSSPDCL

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

The DE(Technical) to CMD /TSSPDCL/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.379/22 /D.No. 180/22, Dt: 06.06.2022

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