



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 3x160 + 1x100 MVA to 4 x 160 MVA at 220KV Gachibowli Sub-station/Metro-West/ OMC Circle– Administrative Approval -Regarding.

T.O.O. CE (Transmission) Ms. No. 396

Dt. 03.07.2019.

Read the following

ORDER:

The Superintending Engineer/OMC/ Metro – West vide letter Dt:19.07.2018 has submitted that 220/132 KV Gachibowli SS consists of 1x100 MVA + 3x160 MVA capacity Power Transformers and feeding power supply to 132KV Madhapur SS, 132 KV RCPuram SS, 132 KV ISB Sub stations and 132/33KV Gachibowli. Further, it is also informed that 220 KV Gachibowli SS is alternate supply source to 132 KV Pashamylaram SS. If the incoming supply failed from the 132 KV Kandi substation, the station load on 132 KV Voltage level reached to 575 MVA (when Pashamylaram loads are fed on emergency). Further, an Administrative approval to 132 KV Gachibowli was issued vide T.O.O.(CE / Transmission) Ms. No.27, Dt. 27.02.2017. Hence, Augmentation of PTR from 100 MVA to 160 MVA is essentially needed.

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

a) Augmentation of PTR capacity at 220 KV Gachibowli SS is as follows, with bus sectionalization and de-parallel arrangement at 132 KV Bus, for meeting the exigencies in the GHMC area.

Sl. No	Name of the substation	Existing PTRs Capacity (in MVA)	Enhancement of PTRs capacity (in MVA)	PTR capacity in MVA	Estimated cost in Lakhs(Rs.)
1	220 KV SS Gachibowli	3x160 + 1x100	4 x 160	160	620.54
				Total	620.54

b) The Chief Engineer/Metro Zone is authorized to take up the works of augmentation of 1 No. 100 MVA PTR to 160MVA PTR at 220 KV Gachibowli Sub-Station, with bus sectionalization and de-parallel arrangement at 132 KV level.

c) The FA&CCA(Accounts) shall be requested for funding tie-up with financial Institutions/Banks for the above works.

d) The Chief Engineer / Transmission shall provide the scheme code and Capital budget shall be re-allocated during 2019-2020 for the subject scheme for the Metro Zone, in SAP.

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e) The Chief Engineer/P&MM shall procure 1 No. 160 MVA PTR along with associated equipment / material, required for the Augmentation works.

3) This order is issued with the concurrence of the Joint Managing Director (Fin., Comml. & HRD) vide Regd. No.2629, Dt:20.06.2019.

(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/VidyutSoudha/ Hyderabad.

The Superintending Engineer/P&MM/TSTRANSCO/VidyutSoudha/Hyderabad.

The Superintending Engineer /OMC/Metro-West/TSTRANSCO.

The Superintending Engineer /Civil /TSTRANSCO/VidyutSoudha/Hyderabad.

The Superintending Engineer/Civil/ Metro /Hyderabad.

The Superintending Engineer/Operation/Central/TSSPDCL

The SE (Technical) to CMD/TSTRANSCO/VidyutSoudha / Hyderabad.

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

The DE(Technical) to Director / Projects / TSTRANSCO/VidyutSoudha/ Hyderabad

The DE(Technical) to Director (Transmission)/TSTRANSCO/ VidyutSoudha/ Hyderabad.

The ADE/(Technical) to Director (LIS)/TSTRANSCO/VidyutSoudha/ Hyderabad.

The AE (Technical) to Director/ Grid Operation/TSTRANSCO/VidyutSoudha/ Hyderabad.

PA to JMD(Fin.Comml,& HRD)/TSTRANSCO/ VidyutSoudha/ Hyderabad.

Current File:CE(Tr)/SE(Tr)/DE(SS)/ADE-2/File No.2438/18 /D.No. 447/19, Dt: 03.07.19

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

//Forwarded By Order //

Divisional Engineer-SS