



**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 2x50 MVA to 2x100 MVA at 220 KV Hayathnagar Sub-station, OMC Circle Metro-East– Administrative Approval -Regarding.

**T.O.O. CE (Transmission) Ms. No. 737**

**Dt. 18 .05 .2020.**

**Read the following**

**ORDER:**

The 220/33 KV Hayathnagar was charged on 02.05.2017, the substation is having transformation capacity 2x50 MVA. The load growth is more than 10% per year as per the observation of the 33 KV loads The Load flow studies are carried out by the CE/Power systems and have recommended for Augmentation of PTR capacity from 2x50 MVA to 2x100 MVA at 220 KV Sub-Station Hayathnagar. Hence, it is essential to keep additional capacity i.e. extra MVA capacity of PTRs at sub-station to meet the exigency as well as to maintain 24x7 assured quality power supply.

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

a) Augmentation of PTR capacity at 220 KV Hayathnagar SS is as follows, for meeting the further load growth and to avoid overloading of PTRs.

Sl. No	Name of the substation	Existing PTRs Capacity (in MVA)	Enhancement of PTRs capacity (in MVA)	Enhancement PTR capacity in MVA	Estimated cost in Lakhs(Rs.)
1	220 KV Hayathnagar SS	2x50	2x100	100	1440.00
				Total	1440.00

b) The Chief Engineer/Metro Zone is authorized to take up the works of augmentation of PTR capacity from 2x50 MVA to 2x100 MVA at 220 KV Hayathnagar Sub-station by calling tenders on top priority, as per the delegation of powers in vogue..

c) The FA&CCA(Accounts) shall arrange the 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.

e) The Chief Engineer/P&MM shall procure PTRs and associated equipment / material, required for the Augmentation works.

Contd....2

3) This order is issued with the concurrence of the Joint Managing Director (Fin., Comml. & HRD) vide Regd. No.1120, Dt: 17.03.2020.

**(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-East/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.2968/19/D.No. 1049 /19, Dt: 18. 03 .2020**

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

//Forwarded By Order //

Divisional Engineer-SS