



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 2x31.5 MVA to 1x80 + 1x31.5MVA at 132KV Khaithalapur Sub-station – Administrative Approval -Regarding.

T.O.O. CE (Transmission) Ms. No.883

Dt. 18 . 11 .2020.

Read the following

ORDER:

The 132KV SS Khaithalapur was commissioned on 27.08.2019 and consists of 2x31.5MVA PTRs of Make: ECE and 8Nos 33KV feeders. The maximum demand so far reached is 48.6MVA during Dec-2019 and is 77% of the PTR loading. As the substation is located in prime location where commercial and residential zones are developing rapidly at near proximity of substation and also it is in load center for all 33KV feeders of Kukatpally, Kondapur & Madhapur areas of Greater Hyderabad, there is scope for additional 33KV feeders at 132KV SS Khaithalapur in near future. Hence, augmentation of one of the existing PTR 31.5MVA with 80MVA is necessary.

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

a) Augmentation of PTR capacity at 132 KV Khaithalapur SS is as follows.

| Sl. No | Name of the substation | Existing PTRs Capacity (in MVA) | Enhancement of PTRs capacity (in MVA) | Increased PTR capacity in MVA | Estimated cost in Lakhs(Rs.) |
|--------|------------------------|---------------------------------|---------------------------------------|-------------------------------|------------------------------|
| 1 | 132 KV SS Khaithalapur | 2x31.5 | 1x80 + 1x31.5 | 48.5 | 55.03 |

b) The Chief Engineer/Metro Zone is authorized to take up the works of augmentation of PTR capacity from 2x31.5 MVA to 1x80 + 1x31.5MVA at 132KV Khaithalapur Sub-station by calling tenders on top priority, as per the delegation of powers in vogue.

c) The FA&CCA(Accounts) shall provide capital budget from TSTRANSCO funds allocated during 2020-21 for the subject scheme for the Metro Zone.

d) The Chief Engineer/P&MM shall procure 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. 4338 , Dt: 16 .11.2020.

(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-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.6183/20 /D.No. 428 /20, Dt: 18 . 11 .2020

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

//Forwarded By Order //

Divisional Engineer-SS