Augmentation of PTR capacity from 1x160+1x100 MVA to 1x160+2x100 at 400 KV Narsapur SS– Administrative Approval -Regarding.

T.O.O. CE (Transmission) Ms. No. 792  
Dt. 26.06.2020.

Read the following

ORDER:

The Chief Engineer/Rural zone has informed that, 400/220/132KV Narsapur SS, there are two 220/132KV PTR’s (1x160 + 1x100 MVA) of total capacity 260MVA feeding four 132KV feeders namely Gummadiyala-I & II, Narsapur and Kowdipally. Also, 132KV D.P. Pally and 132KV Borapatla are being fed (as regular source) from 132KV Gummadiyala SS. The total maximum load reached on 220/132KV PTRs is 232MVA (89% of rated capacity) on 05.10.2018 at 19:00Hrs against its installed capacity of 260MVA. Hence Augmentation of the PTR capacities is necessary, so as to avoid overloading of existing Transformers and to meet the growing load demand:

2) After careful examination, TSTRANSCO accords approval as detailed below:
   a) Augmentation of PTR capacity at 400 KV Narsapur SS for meet the future loads by calling tenders on top priority, as per the delegation of powers in vogue.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Substation</th>
<th>Existing PTR Capacity in MVA</th>
<th>Proposed Capacity in MVA</th>
<th>Amount in Rs. In Lakhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>400 KV Narsapur SS</td>
<td>1x160 + 1x100</td>
<td>1x160 + 2x100</td>
<td>363.69</td>
</tr>
</tbody>
</table>

b) The Chief Engineer/Rural Zone shall be authorized to take up the works of augmentation of 1 No. 100 MVAPTRs at 400 KV Narsapur Sub-Station.

d) Scheme code shall be provided and capital budget shall be allocated during 2020-21 and for the subject scheme for the Rural Zone.

e) An indent shall be furnished to the Chief Engineer/P&MM for procurement of associated equipment / material
3) This order is issued with the concurrence of the Joint Managing Director (Fin., Comml. & HRD) vide Regd. No. 2305, Dt:22.06.2020.

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

D. PRABHAKAR RAO
Chairman & Managing Director

To
The Chief Engineer/ Transmission/ TSTRANSCO/VidyutSoudha/Hyderabad.
The Chief Engineer/P &MM/TSTRANSCO/VidyutSoudha/Hyderabad.
The FA & CCA (Accounts) /TSTRANSCO/VidyutSoudha, Hyderabad.
The Chief Engineer/Rural Zone/ TSTRANSCO.

Copy to:
The Chief Engineer/Comml., &RAC/TSTRANSCO/VidyutSoudha/ Hyderabad.
The Chief Engineer/SLDC/TSTRANSCO/VidyutSoudha/ Hyderabad.
The Chief Engineer/400KV /TSTRANSCO/VidyutSoudha/Hyderabad.
The Chief Engineer/Construction /TSTRANSCO/VidyutSoudha/Hyderabad.
The Superintending Engineer/Construction/VidyutSoudha/Hyderabad.
The Superintending Engineer/Schemes & Designs/Construction/VidyutSoudha/Hyderabad
The Superintending Engineer/Power Systems/TSTRANSCO/VidyutSoudha/ Hyderabad.
The Superintending Engineer/P&MM/TSTRANSCO/VidyutSoudha/Hyderabad.
The Superintending Engineer /OMC/Sangareddy/TSTRANSCO.
The Superintending Engineer /Civil /TSTRANSCO/VidyutSoudha/Hyderabad.
The Superintending Engineer/Civil/ Rural /Hyderabad.
The Superintending Engineer/Operation/Sangareddy/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 (Power Systems) /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.2270/20/D.No.168/20, Dt:26.06.2020

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

//Forwarded By Order //

Divisional Engineer-SS