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, TSTRA NSCO 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.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the substation</th>
<th>Existing PTRs Capacity (in MVA)</th>
<th>Enhancement of PTRs capacity (in MVA)</th>
<th>Enhancement PTR capacity in MVA</th>
<th>Estimated cost in Lakhs(Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>220 KV Hayathnagar SS</td>
<td>2x50</td>
<td>2x100</td>
<td>100</td>
<td>1440.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total</td>
<td>1440.00</td>
</tr>
</tbody>
</table>

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., Comm. & 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

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

//Forwarded By Order //

Divisional Engineer-SS