



### ABSTRACT

Establishment – TANTRANSCO – Re-organizing of Planning & RC Wing/  
TANGEDCO – Formation of Planning Wing exclusive for TANTRANSCO by  
redeploying the System Studies Circle and Master Plan Division of the Planning  
Circle/TANGEDCO under the administration of the TANTRANSCO – Orders –  
Issued.

### SECRETARIAT BRANCH

(Per.) CMD TANGEDCO Proceedings No.6

Dated 10<sup>th</sup> January 2024.  
Margazhi-25.  
Thiruvalluvar Aandu 2054.

Read :-

1. Memo.(Per.)No.15868/39/G.8/G.81/2022, dated 20.03.2023.
2. Memo.(Per.) No.15867/37/G.37/G.371/2022, dated 10.08.2022.
3. From Chief Engineer/Planning & RC/Chennai, U.O. No. CE/Plg &  
RC/SE/SS/EE-I/AEE3/ F.Reorganization/D.483/23, Dt.14.11.2023.

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### **PROCEEDINGS:-**

The System Studies Circle/TANGEDCO consisting of two divisions is responsible for conducting power flow study of the intrastate transmission network at voltage levels of 110 KV and above, as well as carrying out power evacuation study for the new proposals of State/Private Power Generation Projects such as Thermal, Gas, Hydro, Wind, Solar Power projects, and Captive power plants at voltage levels of 110 KV and above. Further, Studies are also being carried out for the Solar (RE) power evacuation proposals at the voltage levels of 33 KV, 22 KV, and 11 KV for RE power generators and the circle is also involved in obtaining clearances for power evacuation schemes/substations/ICTs for the voltage levels of 400 KV and above from the Central Electricity Authority (CEA)/New Delhi.

2. Likewise, the Master Plan Division, under the control of Superintending Engineer/Planning/TANGEDCO, is in charge of scrutinizing and sanctioning of proposals for the establishment of new substations/auto/power transformers (replacement also) for 230 KV and 110 KV level based on the above power flow study.

3. Analyzing the above work pattern, it can be seen that the majority of the tasks involve voltage levels greater than 110 KV, and these duties should ideally be discharged by TANTRANSCO, whereas these tasks are currently being carried out by TANGEDCO's Planning wing, under the control of Director/Distribution, which is supposed to deal with voltage levels of 33 KV and lower. Furthermore, there is currently no dedicated circle available in TANTRANSCO specifically for conducting power flow studies involving 110 KV networks and higher.

4. In order to set right the imbalance, the Chief Engineer/Planning & Resource Centre has proposed that a separate planning wing at Head Quarters be formed specifically for TANTRANSCO by redeploying the System Studies Circle, now working under the control of Chief Engineer, Planning & Resource Centre, along with the Superintending Engineer/System studies, all the personnel working under Division I & II of System Studies Circle and the already available software to carry out the Planning works of TANTRANSCO (i.e. 110 KV and above) will be under the control of Chief Engineer/Transmission/TANTRANSCO HQ and redeploying one of the Master Plan division along with its 2 AEEs now under the control of Superintending Engineer/Planning/TANGEDCO to carry out scrutinizing and sanctioning of proposals for the establishment of new substations/auto/power transformers (replacement also) at 110 KV level and above under the control of Chief Engineer/Transmission/ TANTRANSCO HQ.

5. The Chief Engineer/Planning & Resource Centre has also proposed that the other Master Plan Division under the control of Superintending Engineer/Planning/TANGEDCO for scrutinizing and sanctioning of proposals for the establishment of new substations/power transformers (replacement also) at 33 KV voltage level and lower and carrying out load flow study for the distribution network starting from 11 KV, 22 KV, 33 KV, level using the appropriate software applicable for the Distribution system network studies. Also to create 2 nos. Assistant Executive Engineer post under the control of Superintending Engineer/Planning/TANGEDCO to address the additional man power requirements to carry out the load flow study for the distribution network by redeploying certain existing posts that are no longer in use in TANGEDCO.

6. The proposal of the Chief Engineer/Planning & Resource Centre has been examined in detail and it has been decided to accept the same. Accordingly, it is hereby ordered that a separate Planning Wing be formed specifically for the TANTRANSCO by redeploying the System Studies Circle and the following post last continued in memo first read above:-

SL. No.	Name of the Post	No of Post	Redeployed from the O/o.	Redeployed to the O/o.
1.	Superintending Engineer/Electrical	1	Chief Engineer/ Planning & RC	Chief Engineer/ Transmission/ TANTRANSCO/HQ.
2.	Executive Engineer/ Electrical	2	Chief Engineer/ Planning & RC	Chief Engineer/ Transmission/ TANTRANSCO/HQ.
3.	Assistant Executive Engineer/Electrical	7	Chief Engineer/ Planning & RC	Chief Engineer/ Transmission/ TANTRANSCO/HQ.
4.	Assistant Engineer/ Electrical	2	Chief Engineer/ Planning & RC	Chief Engineer/ Transmission/ TANTRANSCO/HQ.
5.	Typist	1	Chief Engineer/ Planning & RC	Chief Engineer/ Transmission/ TANTRANSCO/HQ.
6.	Office Helper	1	Chief Engineer/ Planning & RC	Chief Engineer/ Transmission/ TANTRANSCO/HQ.



7. It is also ordered that, a Master Plan Division be formed for TANTRANSCO by re-deploying the Master Plan II Division of TANGEDCO and the following posts last continued in Memo. second read above :-

SL. No.	Name of the Post	No of Post	Redeployed from the O/o.	Redeployed to the O/o.
1.	Executive Engineer/ Master Plan-II	1	Chief Engineer/ Planning & RC	Chief Engineer/ Transmission/ TANTRANSCO/HQ.
2.	Assistant Executive Engineer/Master Plan-II	2	Chief Engineer/ Planning & RC	Chief Engineer/ Transmission/ TANTRANSCO/HQ.

8. The proposed work allocation of the Master Plan Division/TANGEDCO and Master Plan Division/TANTRANSCO as mentioned in Annexure I & II.

9. It is also ordered that the Master Plan Division under the control of Superintending Engineer/Planning /TANGEDCO be carry out the following tasks.

- Scrutinizing and sanctioning of proposals for the establishment of new substations/power transformers (replacement also) at 33 KV voltage level and lower.
- Carrying out load flow study for the distribution network starting from 11 KV, 22 KV, 33 KV, level using the appropriate software applicable for the Distribution system network studies.

10. It is also ordered that redeployment of 2 Nos. Assistant Executive Engineer Post will be identified by the Chief Engineer/Personnel Administrative Branch under the control of Superintending Engineer/Planning/TANGEDCO to address the additional man power requirements to carry out the load flow study for the distribution network.

**(BY ORDER OF THE CHAIRMAN)**

**R.DEVARAJ  
SECRETARY**

To

The Managing Director/TANTRANSCO. (w.e.)

The Director (Distribution)/TANGEDCO. (w.e.)

The Chief Engineer/Planning & Resource Centre/Chennai. . (w.e.)

The Chief Engineer/P&C/TANTRANSCO. (w.e.)

The Chief Engineer/Transmission/TANTRANSCO. (w.e.)

The Chief Engineer/Personnel/Administrative Branch/Chennai. (w.e.)

(Please ensure entry in ERP).

The Superintending Engineer/System Studies/Chennai. (w.e.)

The Superintending Engineer/Planning/Chennai. (w.e.)

All other Chief Engineers/Superintending Engineers/  
TANGEDCO/TANTRANSCO. (w.e.)

Copy to:-

The Executive Assistant to Director (Operation)/TANTRANSCO. (w.e.)  
The Executive Assistant to Director (Transmission Projects)/TANTRANSCO. (w.e.)  
The Executive Assistant to Director (Finance)/TANGEDCO. (w.e.)  
The Executive Assistant to Director (Generation)/TANGEDCO. (w.e.)  
The Executive Assistant to (Director (Projects)/TANGEDCO. (w.e.)  
The Executive Assistant to Director (Finance)/TANTRANSCO. (w.e.)  
The Company Secretary/TANGEDCO, TANTRANSCO,  
    Udangudi Power Corporation Limited and TNEB Ltd. (w.e.)  
The Legal Advisor and Industrial Relations Adviser/TANGEDCO. (w.e.)  
The Chief Financial Controller/Revenue and p  
    Deposits & Documentation/TANGEDCO. (w.e.)  
The Chief Financial Controller/TANTRANSCO. (w.e.)  
The Chief Financial Controller/IND-AS/TANTRANSCO. (w.e.)  
The Chief Internal Audit Officer/Audit Branch/TANGEDCO. (w.e.)  
The Resident Audit Officer. (w.e.)  
The Deputy Secretary/Personnel, Administration,  
    Vigilance and Inspection/Secretariat Branch. (w.e.)  
The Deputy Secretary/TANTRANSCO. (w.e.)  
The Deputy Chief Engineer/Administrative Branch/Chennai. (w.e.)  
The Senior Personnel Officer/Inspection/Administrative Branch/Chennai. (w.e.)  
The Personnel Officer/Staff Sanction/Administrative Branch/Chennai. (w.e.)  
The Additional Senior Private Secretary to Secretary/TANGEDCO. (w.e.)  
The Personal Assistant to Chairman-cum-Managing Director/TANGEDCO. (w.e.)  
The Steno-typist to Joint Managing Director/Finance/  
    TANGEDCO/TANTRANSCO. (w.e.)  
The Steno-typist to Inspector General of Police/Vigilance/TANGEDCO. (w.e.)  
Statistical Cell/Administrative Branch/Chennai. (w.e.)  
The Assistant Personnel Officer/Tamil Development for publication  
    in TANGEDCO, TANTRANSCO and TNEB Ltd. Bulletin (2 copies). (w.e.)  
A1, A5, A6, A18, A19, A20 and A21 Sections/Secretariat Branch. (w.e.)  
G-8 and G-37 Section/Administrative Branch/Chennai. (w.e.)  
Stock file.

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SECTION OFFICER

## **ANNEXURE-I**

### **MASTER PLAN DIVISION/TANGEDCO**

#### **The following are the post sanctioned in Master Plan/TANGEDCO:**

Executive Engineer	- 1
Assistant Executive Engineer	- 3 (Existing)
	- 2 (Redeployment)

#### **Subjects dealt:**

1. Preparation of Distribution Master Plan for all Regions at 33/11 KV level and obtaining approval from the competent authority.
2. Arranging administrative approval from the Competent Authority for Distribution improvement proposals at 33 KV level such as New substations (33/11 KV SS), Enhancement of Power Transformer Capacity at 33/11 KV SS, Replacement of failed Power Transformer & breakers at 33/11 KV SS, link lines, revised sanction etc. in respect of all Regions.
3. Arranging administrative approval from competent authority for power evacuation at 33/11 KV SS from Non – Renewable energy generators in respect of all Regions.
4. Arranging administrative approval for the infrastructure strengthening for extension of supply to HT applicants/consumers of 11 KV level at 33/11 KV SS in respect of all Regions.
5. Arranging administrative approval from competent authority for Non - conventional energy proposal of 11 KV level at 33/11 KV SS in respect of all Regions.
6. Scrutiny and finalising of the list of new substation (33/11 KV SS) & enhancement of existing power transformer capacity at 33/11 KV SS for the Announcement during Budget session. Further follow up action with the field officials in respect of announced works upto according administrative approval.
7. Replying to connected Legislative Assembly Questions, Government Assurances, Call Attention Motion, Cut Motion, Representations & RTI Petitions in respect of all Regions at 33 KV level.
8. Updation of database with regard to B.P.s issued, LAQ & Assurance etc.
9. Reply to Substation related audit remarks at 33/11 KV SS in respect of all Regions.
10. Conducting load flow studies for connecting Generators of 11 KV level at 33/11 KV Substations only by utilizing the newly sanctioned post of 2 Nos. of Asst. Executive Engineers/Electrical.

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*R. Harany*  
SECTION OFFICER



## **ANNEXURE-II**

### **MASTER PLAN DIVISION/TANTRANSCO**

#### **The following are the post sanctioned in Master Plan/TANTRANSCO:**

Executive Engineer	- 1
Assistant Executive Engineer	- 2

#### **Subjects dealt:**

1. Preparation of Transmission Master Plan for all Regions above 33 KV level and obtaining approval from the competent authority.
2. Arranging administrative approval from the Competent Authority (Board /Chairman) for Transmission improvement proposals above 33 KV level such as New substations, Enhancement of Power Transformer Capacity, Replacement of failed Power Transformer & breakers, link lines, strengthening of lines, Revised sanctions etc. in respect of all Distribution Regions and System Operation/Chennai & Trichy.
3. Arranging administrative approval for power evacuation above 33 KV level from Non-Renewable energy generators in respect of all Distribution Regions and System Operation/Chennai & Trichy.
4. Arranging administrative approval for the infrastructure strengthening for extension of supply to EHT applicants/consumers in respect of all Distribution Regions and System Operation/Chennai & Trichy.
5. Arranging administrative approval from competent authority for Non-conventional energy proposal above 33 KV level in respect of all Distribution Regions and System Operation/Chennai & Trichy.
6. Scrutiny and finalising of the list of new substation & enhancement of existing power transformer capacity above 33 KV level for the Announcement during Budget session. Further follow up action with the field officials in respect of announced works upto according administrative approval.
7. Replying to connected Legislative Assembly Questions, Government Assurances, Call Attention Motion, Cut Motion, Representations & RTI Petitions in respect of all Distribution Regions and System Operation/Chennai & Trichy related to Substations above 33 KV level.
8. Updation of database with regard to B.P.s issued, LAQ & Assurance etc.
9. Reply to Substation related audit remarks above 33 KV level in respect of all Distribution Regions and System Operation/Chennai & Trichy.
10. Assisting Transmission wing for updation of Grid Map in respect of all Distribution Regions and System Operation/Chennai & Trichy.

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*R. Haran*  
SECTION OFFICER