

Tamil Nadu Transmission Corporation Limited
Agenda for the 3rd Meeting of Tamil Nadu State Level Operation
Coordination Committee to be held on 30th & 31st March 2017

1. Confirmation of the Minutes of the 2nd TNS_OCC Meeting of TANTRANSCO held on 27th February 2017 through video conference at Sub-LDC of Chennai, Madurai & Erode.

2. *State Sector Transmission Lines and Elements:*

As per the outage procedure, the LC program details for the period from 1st April 2017 – 30th April 2017 shall be prepared and uploaded through website <http://tnebldc.org> in the "Future LC menu" without fail and the same may be discussed in the meeting. Any planned LC for construction works and routine maintenance works will not be permitted during the course of the month if it is not taken up for discussion on 30.03.2017.

3. *Vardah Cyclone: Experience learnt*

As per the instruction from SRPC/SRLDC requested to provide the **SAT Phone** at the following locations is proposed in Stage-I,

- All SLDC's,
- Hydro Stations like Kundah
- Thermal Stations in Coastal area like Vallur, NCTPS & NTPL

It is requested to update and communicate the SAT Phone availability, technology, information regarding service providers etc., which would be discussed in the TNS_OCC meeting.

4. *Diesel Generator Capacity*

As per the Protection audit remarks by SRLDC, it is requested to update the diesel generator availability in 400/230kV SS by Operation Wing, which would be discussed in the TNS_OCC meeting.

5. *Black Start Restoration Procedure:*

As per the OCC meeting instruction from SRPC/SRLDC, it is requested to update the mock drill exercise, which would be discussed in the forthcoming TNS_OCC meeting.

6. Monitoring of Scheme funded from PSDF:

As per the OCC meeting instruction from NLDC/SRPC, it is requested to furnish the information in the required format by last week of every month on regular basis, which would be discussed in the TNS_OCC meeting.

7. Preparation of phasing Plan for implementation of new Environmental Norms for Thermal Plants, issued by MOEF &CC:

As desired by CEA, Quarter-wise schedule for FGD installations has been furnished to CEA. It is requested to furnish the details and update the present status.

8. Insulator Replacement works:

As per the instruction from SRPC/SRLDC, for replacement of Porcelain Insulator to Polymer Insulator in 400 kV NCTPS – Vallur # 1,2 for avoiding the frequent tripping due to fog formation. It is requested to update the present status.

9. Scheduling on LVRT & other Protection requirements & scheduling of Solar Parks at Kamudhi Solar Park :

It is requested to update the present status, which would be discussed in the TNS_OCC meeting

10. Patrolling / Maintenance of Critical lines and Substations :

The following lines are critical lines in Coastal areas and inter-regional lines are,

- 230 kV Udumalpet – Idukki feeder
- 400 kV NCTPS – Vallur feeder 1 & 2
- Alamathy 400/230-110 kV SS

It is requested to update the present status, which would be discussed in the TNS_OCC meeting

11. PSS Tuning of Generators:

TANGEDCO: Hydro/Thermal/IPP

- Kadamparai HEP : Units 1 to 4 , MTPS ST-I : Units 1 to 4
- NCTPS St-I : Units 1 to 3, NCTPS St-II : Units 1 &
- TTPS : Units 1 to 5, STCMS Unit

It is requested to update the present status, which would be discussed and review in the TNS_OCC meeting

12. URTDSM:

The requirement of Auxiliary Power Supply System (APS) as per revised BOQ (Excluding input ACDB and one Battery bank of the proposed two battery banks). It is requested to update the present status, which would be discussed in the TNS_OCC meeting

13. Study/way forward for Renewable Integration in SR:

It is requested to update the present status, which would be discussed in the TNS_OCC meeting

14. Status of Operationalization of ICT at Madurai, Trichy and Pugalur:

Provision of one No.500 MVA additional ICT at Madurai, Trichy and Pugalur for avoid the overloading condition.

It is requested to update the present status, which would be discussed in the TNS_OCC meeting

15. Preparedness for Load change Over during Morning and Evening for TN Systems:

The wind and solar generation Ramp up/down period, how to restrict the schedule and maintain its grid stability.

It is requested to apprise the present status and difficulties in operation, which would be discussed and review in the TNS_OCC meeting

16. Status of GT Tap Position:

Stations: MTPS III – Unit 1 – Provision of Bus Reactor

It is requested to update the status, which would be discussed in the TNS_OCC meeting.

17. MVAR Interchange/MVAR capability testing:

It is requested to furnish the details in a precise way like which units have responded, partially responded and not responded.

It is requested to update the status, which would be discussed in the TNS_OCC meeting.

18. Status review of Bus/Line Reactors, Line Reactors and STATCOM:

Stations : MTPS III – Unit 1 – Provision of Bus Reactor

Sub Stations : Kayathar, Alamathy. It is requested to update the status, which would be discussed in the TNS_OCC meeting.

19. Reactive Power Planning:

The status update on capacitor installation is given below,

- 4 x 2.4 MVAR - 11 kV
- 35 x 2.4 MVAR - 11 kV
- 16 x 2.4 MVAR - 22 kV
- 51 x 2.4 MVAR - 22 kV
- 13 x 24 MAVR - 110 kV

It is requested to update the status, which would be discussed in the TNS_OCC meeting.

20. Network Protection /Security issues:

(i) SCADA Mapping of feeders of AUFR & df/dt schemes:-

As per the CERC vide order dated 27.11.2015 on Petition No.60/MP/2014, SRPC vide letter dated 29.01.2016 had submitted the status report duly certified by SRLDC and SRPC w.r.t implementation of SCADA mapping.

At Present SCADA Mapped 92 % completed and balance 8% mapping details to be update the present status.

(ii) SPS Operations.

The SPS Operations during the month of March 2017 if any to be furnished to SLDC, Chennai

It is requested to update the status, which would be discussed in the TNS_OCC meeting.

21. LVRT Implementation:

To ensure the provision and enabling of LVRT feature in all the upcoming Wind/Solar generators before declaring COD.

Monthly report of compliance needs to be furnished for new wind/solar generators added to the grid.

22. RGMO Implementation/ Extension of RGMO status point to SLDC:

Thermal stations:

- MTPS – Units 1 to 4, TTPS - Units 1 to 3

It is requested to update the status, which would be discussed in the TNS_OCC meeting

**23. TRANSMISSION NETWORK ISSUES AND SYSTEM OPERATION
ISSUES:**

It is requested to update the status, which would be discussed in the
TNS_OCC meeting

Next Meeting:

Date: