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**The Chairman,
TANTRANSCO,
144, Anna Salai,
Chennai-2.**

Lr.No. TNERC/DE/DDEI/F.DSM Procedure/D.No. 915 /20, 03.10.2020

Sir,

Sub.: Approval for the Procedure for implementation of Forecasting, Scheduling, Deviation Settlement for Wind and Solar, Procedure for Deviation Settlement for all other entities' and State Power Committee Reg.

Ref.: Lr.No.Dir/O/CE/GO/SE/OA&CO/EE/OA/RE/F.DSM/D77/19,
dt.19.08.2019

1. Regulation 5 of TNERC (Forecasting, Scheduling, Deviation Settlement and Related Matters for Wind and Solar Generation) Regulations 2019 and Regulation 6 of TNERC (Deviation Settlement Mechanism and Related Matters) Regulations 2019, require a Detailed procedure to be submitted by the State Load Despatch Centre(SLDC) after undertaking stakeholder consultation and approved by the Commission. In accordance to the provisions in the said regulations, TNSLDC submitted the following procedures with stakeholder's comments and their remarks

- i) Procedure for Implementation of TNERC Deviation Settlement Mechanism and Related Matters Regulations 2019.
- ii) Procedure for implementation of TNERC Forecasting, Scheduling and Deviation Settlement and Related Matters for Wind and Solar Generation Regulations 2019.

iii) State Power Committee Conduct of Business Rules.

Commission has examined the comments furnished and has incorporated necessary changes and approved the Procedures against Sl.No.(i) to (iii) above. The approved procedures are enclosed. The same may be hosted in TANTRANSCO / TNSLDC's website.

Sd./-
(S.Chinnarajalu)
Secretary

Encl.: as above

Copy to the Managing Director, TANTRANSCO, Chennai-2.

Copy to the Director/Distribution, TANGEDCO, Chennai-2.

Copy to the Chief Engineer/Grid Operation, TNSLDC, Chennai-2.

Procedure for Deviation Settlement of State Entities and Energy Accounting of the State

CONTENTS

Para	Description	Page No.
1.0	Preamble	3
2.0	Applicability of Procedure	4
3.0	Pool Members of DSM Pool Account	4
4.0	Scheduling	5
5.0	Metering and Meter data collection	10
6.0	Weekly Deviation Energy Accounting	12
6.1	General provisions	12
6.2	Deviation Volume Limit	14
6.3	Deviation charges	16
6.4	Calculation of Deviation of Energy	18
7.0	State Energy Accounting	18
7.5	DSM Pool Account Operation	19
8.0	Commercial Settlement	21
9.0	Payment of Fixed and Variable Charges	23
10.0	Formation of State Power Committee	23
11.0	Compliance Monitoring	23
12.0	Grievance Redressal	24
13.0	Removal of Difficulties	24
14.0	General	24
15.0	Annexures	26

Procedure for Implementation of TNERC Deviation Settlement Mechanism and Related Matters Regulations 2019.

1.0 Preamble

- 1.1** In exercise of the powers conferred by Regulation 6 of the Deviation Settlement Mechanism and Related Matters Regulations 2019 (herein after referred to as “DSM Regulations”), this procedure is issued.
- 1.2** All applicants shall abide by the provisions of the DSM Regulations as amended from time to time and the procedures laid down hereunder.
- 1.3** The objective of the DSM regulations is to maintain grid discipline and grid security as envisaged under the Grid Code through the commercial mechanism for Deviation Settlement through drawal and injection of electricity by the users of the grid.
- 1.4** These procedures shall be read in conjunction with TNERC Deviation Settlement Mechanism and related matters Regulations 2019, Indian Electricity Grid Code (IEGC), Tamil Nadu Electricity Grid Code (TNEGC), prevailing CERC and TNERC Regulations and orders and its amendments.
- 1.5** Whenever the Commission notifies amendments to the Regulations, irrespective of whether the procedure is amended, the amended provisions of the Regulations shall be followed and no action taken on the basis of such amendments shall be called in question on the ground that the consequent amendments were not effected to the procedures. The Tamil Nadu State Load Despatch Centre shall take immediate action to obtain approval for the amendments.
- 1.6** The TNERC Deviation Settlement and Related matters Regulations 2019 are in force from 20.3.2019. The commercial settlement i.e levy and collection of deviation charges shall commence from the date as may be notified by the Commission. TNSLDC shall ensure that the necessary infrastructure to implement

the Deviation Settlement Mechanism is put in place before the commencement of commercial mechanism.

1.7 Definitions for buyers, sellers and other terms shall be as per the provisions of regulation 2 of the DSM Regulations.

2.0 Applicability of procedure

2.1 Applicability of these procedures are as specified in the DSM Regulations i.e

- i) to the transactions of conveyance of electricity through short- term open access or medium-term open access or long-term open access using intra-State transmission system or distribution system of electricity (including inter-state wheeling of power).
- ii) to (a) all Seller(s) including Open Access Generating Station(s), Generating stations of Distribution licensees but excluding Wind and Solar Generating Station(s) connected to Intra-state Transmission system or Distribution system and (b) all Buyers, excluding full open access consumers, partial open access consumers connected to the Intra-State Transmission system or Distribution system.

2.2 The DSM Regulations except provisions relating to commercial arrangements and the provisions regarding Deviation charges and penalty are in force from the date of publication in the Tamil Nadu Government Gazette. The provisions relating to Commercial Arrangements and the provisions regarding Deviation Charges and penalty shall come into force from the date of such notification by the Commission.

3.0 Pool Members of DSM pool account

- 1. TANGEDCO as a DISCOM
- 2. State owned Generating stations(SGS-Thermal, Hydro and Gas)
- 3. Independent Power projects (IPPs).

4. All the open access Generators including Captive Power Plants (CPP), Fossil fuel, Co-Gen and Biomass (herein after referred to as “Private Generators”) who are availing open access and supplying power to TANGEDCO through power purchase agreements under LTOA, MTOA & STOA except wind and solar generating stations.
5. Deemed distribution licensee

4.0 Scheduling

- 4.1** All the open access customers shall enter into Connection Agreement / Open Access Agreement with TANTRANSCO/TANGEDCO as applicable.
- 4.2** TANGEDCO shall enter into Connectivity, Open Access agreement with TANTRANSCO.
- 4.3** The State Entities such as all the Private generators, SGS, IPPs shall inform the SLDC of all the contracts entered by them for exchange of energy. For any changes in their contracts during the month, the same shall be intimated to SLDC then and there.
- 4.4** All Distribution Licensees shall establish a Distribution System Operation Control Centre for their Area of Distribution as per the recommendations of Forum of Regulators (FOR), which would interact with the State Load Despatch Centres (SLDCs) to keep the system secure.
- 4.5** Scheduling activities will be done with software. Scheduling of all the intrastate entities such as the Private Generators, IPPs, SGS, Distribution licencees will be done by SLDC in accordance to the provision in Indian Electricity Grid Code (IEGC), Tamil Nadu Electricity Grid Code, DSM regulations and their amendments issued from time to time.
- 4.6** If the station wise ex-power plant MW declaration capability is not furnished by any of the generators within the time frame fixed by SLDC, the previous day's Declared Capability (DC) furnished by the generator will be taken and

accounted for commercial mechanism.

4.7 Declaration Capability (Form A)

4.7.1 State owned Generating Stations.

4.7.1.1 All the State owned Generating stations (SGS) such as Thermal, Hydro and Gas stations shall furnish the station wise ex-power plant MW capability declaration in Form A foreseen for each time block of the next day to SLDC.

4.7.2 Intra State Private Generators

4.7.2.1 All the Intra State Private Generators (except STOA transactions) shall furnish the transaction wise (ie power supply to TANGEDCO through PPAs, tender, Third party sale, Captive wheeling, interstate sale etc.) capability declaration in MW, in Form A based on the open access approval for each time block of the next day to SLDC which shall not exceed the open access approved quantum .

Provided that for intrastate STOA transactions

- a. STOA approvals shall be given as DC by the generators.
- b. For the planned shutdown/outage of the generator, the revised open access approval shall be obtained from SLDC.

If the generator is in shutdown/ not running, the DC for the open access transactions shall be given as zero by the generator upto expected time of synchronization provided the transmission charges shall be paid by the generator for the approved STOA quantum.

4.7.3 Independent Power Projects (IPPs):

4.7.3.1 All the IPPs shall furnish the station wise ex-power plant MW capability declaration (in Form A) foreseen for each time block of the next day to SLDC.

4.8 Entitlement (Form B):

4.8.1 Entitlement for each time block for the next day will be issued to TANGEDCO (DSM wing until formation of DSO) by SLDC in Form B, based on the existing power purchase agreements, Open access agreements and declaration given by SGS, IPPs and Private generators.

4.8.2 The total open access quantum of HT consumers for each time block for the next day will be prepared at SLDC, based on the open access approvals, declaration given by Private Generators and taking into account of interstate open access transactions by the HT consumers.

4.9 Requisition by intrastate entity (Form C):

4.9.1 TANGEDCO (DSM wing until formation of DSO) shall furnish their requisition for each time block for the next day to SLDC as per IEGC and TNEGC taking into consideration the drawal schedule of HT consumers.

4.10 Despatch Schedule and Drawal Schedule (Form D):

4.10.1 Despatch Schedule to Generators:

4.10.1.1 Despatch schedule for each time block for the next day will be issued to SGS by SLDC in Form D, based on the declaration given by SGS and requisition given by TANGEDCO.

4.10.1.2 Despatch schedule for each time block for the next day will be issued to Private Generators by SLDC in Form D, based on the declaration given by the Private Generators, requisition given by TANGEDCO and open access approvals.

Provided that STOA approvals will be taken as dispatch schedule for STOA transactions.

4.11 Drawal Schedule to TANGEDCO and Open Access consumers (Form D):

4.11.1 Drawal schedule for the Buyers/ TANGEDCO/ Open Access Consumers / Deemed Distribution licensee will be prepared after incorporating the Transmission/ Distribution losses as per prevailing TNERC Tariff orders until the estimation of actual average weekly intrastate transmission losses.

4.11.2 Drawal schedule for each time block for the next day will be issued to the Distribution Licensee by SLDC in Form D, based on the declaration given by all sellers, requisitions of the Distribution Licensee and shall be notified in the website. The STOA approvals will be taken as drawal schedule for STOA transactions. Deviations will be calculated for the Distribution Licensee as a whole.

4.12 Revisions in Schedule.

4.12.1 Revisions in schedule for the sellers, SGS, Private generators, buyers, Discoms(TANGEDCO)/ Deemed Distribution Licensee during the day of the operation shall be as per the provisions of TNEGC and IEGC, TNERC Regulations/Orders and provisions of the DSM Regulations. Sellers, Generators, Buyers/Discoms/ (TANGEDCO) shall abide by the provisions of IEGC/TNEGC.

Provided that for STOA transactions

- (i) No revision is allowed in the schedule.
- (ii) For the forced outage of the generating unit/plant during the day of operation, the generator shall immediately intimate the outage of the unit along with the requisition for revision of the schedule and estimated time of restoration of the unit to SLDC. The schedule of DISCOM, sellers, buyers of power from this generating plant/unit shall be revised accordingly from 4th Time block counting the time block in which intimation is given by the generator.
- (iii) Once the generation is restored, the restoration of generating unit shall be intimated to SLDC by the generator. The original schedule shall become effective from the 4th time block counting the time block in which intimation is given by the generator.

4.12.2 The revisions in the schedule for LTOA/MTOA transactions shall be as per TNEGC/IEGC/TNERC Grid Connectivity and Intrastate Open Access Regulations 2014 and subsequent amendments if any. Revisions in the schedule for Hydro stations will be as per the provisions of IEGC and TNEGC.

4.12.3 Revision of declared capability by generator(s) and requisition by buyers/ distribution licensees for the remaining period of the day will also be permitted with advance notice. Revised schedules/declared capability in such cases shall become effective from the 6th block, counting the time block in which the request for revision has been received in SLDC to be the first one.

4.12.4 If, at any point of time, SLDC observes that there is need for revision of the schedules in the interest of better system operation, it may do so on its own and in such cases, the revised schedules shall become effective from the 4th time block,

counting the time block in which the revised schedule is issued by SLDC to be the first one.

4.12.5 In the event of any contingency, SLDC will revise the schedules on the basis of revised declared capability by the generators. The revised schedules will become effective from the 4th time block, counting the time block in which the revision is advised by the generator to be the first one. The revised declared capability will also become effective from the 4th time block.

4.12.6 Generation schedules and drawal schedules issued/revised by SLDC shall become effective from designated time block irrespective of communication success.

4.12.7 In the event of bottleneck in evacuation of power due to any constraint, outage, failure or limitation in the transmission system, associated switchyard and substations owned by STU (as certified by SLDC) necessitating reduction in generation, SLDC will revise the schedules which will become effective from the 4th time block, counting the time block in which the bottleneck in evacuation of power has taken place to be the first one. Also, during the first, second and third time blocks of such an event, the scheduled generation of the station will be deemed to have been revised to be equal to actual generation and also the scheduled drawals of the beneficiaries / distribution licensees will be deemed to have been revised to be equal to their actual drawals.

4.12.8. In case of any grid disturbance, scheduled generation of all the generating stations and scheduled drawal of all the open access customers / distribution licensees shall be deemed to have been revised to be equal to their actual generation/drawal for all the time blocks affected by the Grid Disturbance.

4.12.9 Certification of Grid Disturbance and its duration shall be done by SLDC. In case any impermissible constraints are foreseen, the SLDC shall moderate the schedules to the required extent, under intimation to the concerned users. Any changes in the scheduled quantum of power which are too fast or involve unacceptably large steps, may be converted into suitable ramps by the SLDC.

4.12.10 On completion of the operating day, by 24.00 hours, the schedule finally implemented during the day (taking into account all before-the-fact changes) in despatch schedule of generating stations and drawal schedule of the buyers/TANGEDCO shall be issued by SLDC. This schedule shall be the datum for commercial accounting.

4.12.11 The SLDC shall properly document all the above information i.e. station-wise foreseen ex-power plant capabilities advised by the generating stations, the drawal schedule indented by the buyers/TANGEDCO/distribution licensees, all schedules issued by the SLDC and all revisions / updating of the above.

4.12.12 The final schedules issued by SLDC shall be open to all the intrastate entities for any checking/verification for a period of 5 days. In case any mistake/omission is detected the SLDC shall forthwith make a complete check and rectify the same.

5.0 Metering and Meter data collection:

5.1 Interface Energy Meters shall be installed at Generator end evacuation feeders, Open access consumer end, Distribution licensee boundaries as per CEA Metering Regulations, 2006 & amendments from time to time, and TNERC Grid connectivity and Intrastate Open Access Regulations 2014 and its amendments.

5.2 Interface Energy Meters with unique serial numbers and as per standard specification, would have to be placed in accordance with CEA Metering Regulations to facilitate boundary metering, accounting and settlement for Generators, TANGEDCO, Distribution licensees and open access consumers.

5.3 Automated meter reading (AMR) system shall be used for communicating interface meter data at SLDC. Internal Clock of the interface meter shall be time synchronized with GPS with counter check from the AMR server at SLDC. If not done by the software necessary time drift correction shall be made in the meter by the concerned entity at site. If time drift could not be corrected, the meter shall be replaced.

5.4 Generators, TANGEDCO, Distribution licensees shall provide data telemetry to SLDC and shall ensure the correctness of the real-time data and undertake the corrective actions, if required.

5.5 MRT wing of Switchyard of State Owned Thermal, Hydro, Gas power stations, MRT wing of SE/EDCs for private generators, Operation wing for TANTRANSCO/TANGEDCO boundary meters shall be responsible for bringing the 15min block wise Load Survey AMR data to SLDC server in co-ordination with P&C wing .

5.6 15 min block wise Load Survey Data of the above intrastate entities shall be uploaded in AMR server at SLDC every Thursday for the previous week starting from Monday 00:00Hrs to Sunday 24:00Hrs.

5.7 If AMR Load survey data is not established or AMR data is not received , the load survey data from ABT meters may be downloaded by the concerned wing on every Monday and uploaded in web portal created by SLDC or sent through Email on or before Thursday of the week.

5.8 Validation of ABT meter data will be done at SLDC.

5.9 Check meter readings shall be considered when Main Meters are found to be Defective or stopped. Provided that, if difference exists between the readings of main and check meters, viz. main meter reading exceeds twice the percentage error applicable to relevant class, both meters shall be tested and the defective meter shall be immediately replaced and reading of other will be considered.

5.10 If during test or calibration, both the main meter and the check meter are found to have errors beyond permissible limits, the bill shall be revised for the previous 3 (Three) months or for the exact period if known and agreed upon by both the parties, by applying correction as determined by the STU or Distribution Licensee to the consumption registered by the meter with lesser error.

5.11 The open access customer shall check the healthiness of metering arrangement by superficially checking indicator lamps or by taking readings as frequently as possible. If both the main meter and the check meter fail to record energy either due to the blowing of the P.T. fuses or due to any other causes, the energy imported or exported may be arrived at based on the standby meter, if available, or by mutual agreement of the parties involved.

5.12 Meter testing and calibration shall be done periodically as per CEA Metering Regulations 2006 & its subsequent amendments there on.

5.13 Data related to the reactive energy between state entities at the interface points shall be metered and considered for reactive energy accounting as applicable.

5.14 Any new line /generating stations /ICTs forming part of Intrastate transmission system network, the concerned entity must confirm to SLDC the installation of ABT meter with DLMS facility at interface points at least 7 days before charging of the element.

5.15 All concerned entities having ABT meters with DLMS facility in their premises shall fully cooperate and extend necessary assistance for collecting the meter data for the purpose of Deviation Accounting as specified in this Procedure.

5.16 Any addition, replacement, testing of interface meters and/or change in meter location shall be done with prior intimation to TNSLDC.

5.17 Any Change/correction in CT/PT ratios to be informed immediately to TNSLDC.

6.0 Deviation Energy Accounting:

6.1 General Provisions.

6.1.1 The State Power Committee (SPC) shall prepare weekly deviation charges statement to all pool members and billing & collection of deviation charges from the pool members in accordance with the provisions of the DSM Regulations.

6.1.2 Deviations from schedule by the Sellers and Buyers shall be governed by the provisions of the Regulations.

6.1.3 The Deviation for Generating Station/Seller and for Beneficiary/Buyer shall be the difference between the actual injection/drawal and scheduled injection/drawal i.e For Generating Station/Seller:

Deviation = Actual injection (AI) - Scheduled injection (SI)

For Beneficiary/ Buyer

Deviation = Actual drawal (AD) - Scheduled drawal (SD)

Deviation charges shall be paid at the deviation rates notified from time to time which is presently Area Clearing Price linked to frequency.

6.1.4 Deviation sign with respect to pool account

The amount payable to pool account towards deviation charges, additional deviation charges etc will be mentioned with -ve sign.

The amount receivable from pool account towards deviation charges will be mentioned with +ve sign.

6.1.5 The measurement unit for State Deviation Pool Account Volume preparation shall be kilowatt hours (kWh). Measurement unit for State Deviation Pool Account Value (Payable and Receivable) preparation shall be Indian Rupees (INR). The decimal component of the energy unit (kWh) and amount (INR) shall be rounded off to nearest integer value.

6.1.6 The transmission and distribution losses shall be as per the provisions of prevailing TNERC Orders until estimation of actual average intrastate transmission losses.

6.1.7 The SR reference frequency will be taken for DSM accounting calculations.

6.1.8 The Deviation computations shall be open to all intrastate entities for checking/verifications for a period of 15 days. In case any mistake /omission is detected, the SPC shall forthwith make a complete check and rectify the same.

6.1.9 If any misdeclaration / mistake (ie DC is given by the generator, while the generating plant is under shutdown/outage) done by the generators is found by SPC while preparing the deviation energy statement, the implemented schedule of DISCOM, sellers, buyers of power from this generating plant/unit for the above period will be revised accordingly. The same will be communicated to TANGEDCO for necessary revision of monthly billing of the open access consumers.

6.2 Deviation Volume Limit:

6.2.1 The over-drawal or under drawal of electricity by any Buyer during a time block shall not exceed 12% of its scheduled drawal or [X] MW, whichever is lower, when grid frequency is between range of 49.5 and above to below 50.05 Hz.

Provided that from a date not earlier than one year as may be notified by the Commission, the total deviation from schedule in energy terms during a day shall not be in excess of 3% of the total schedule for the drawee entities and 1% for the generators and additional charge of 20% of the daily base DSM payable/receivable shall be applicable in case of said violation.

6.2.2 The Volume Limit of [X] MW for distribution licensee(s) and Buyers shall be determined as under:

Minimum of (12% of schedule, (Peak Demand of Distribution Licensee or Buyer / NCPD) State Volume Limit)

Where NCPD (Non-coincident Peak Demand) represents the sum of Peak Demand of Distribution Licensee(s) and Buyer(s).

State Volume Limit shall be linked to Volume Limit (L) applicable to the State as per CERC DSM Regulations and its amendments thereof.

Where Peak Demand of the Distribution Licensee shall be recorded Peak Demand in the previous Financial Year or Projected Peak Demand in ensuing Financial Year, whichever is higher.

6.2.3 No over drawal of electricity by any Buyer shall be permissible when grid frequency is “below 50.05 Hz”.

6.2.4 No under drawal of electricity by any Buyer shall be permissible when grid frequency is “50.05 Hz and above”.

6.2.5 The under-injection or over-injection of electricity by Seller shall not exceed 12% of the scheduled injection or [100] MW, whichever is lower when grid frequency is “ 50.05 Hz or above and below 50.05 Hz ”

6.2.6 No under injection of electricity by a Seller shall be permissible when grid frequency is “below 50.05 Hz”.

6.2.7 No over injection of electricity by a seller shall be permissible when grid frequency is “50.05 Hz and above”.

6.2.8 Any infirm injection of power by a generating station prior to COD of a unit during testing and commissioning activities shall be exempted from the deviation volume limit for a period not exceeding 6 months or the extended time allowed by the Commission in accordance with Tamil Nadu Electricity Regulatory Commission (Grid Connectivity and Intra-State Open Access Regulations), 2014.

6.2.9 Any drawal of power by a generating station prior to COD of a unit for the startup activities shall be exempted from the deviation volume limit.

6.2.10 Additional condition for a change in sign of the deviation shall be met once every 6 time blocks by Buyer/Seller, failing which additional charges @20% of the deviation charges applicable on daily base DSM payable/receivable as the case may be, shall be levied for the duration of continuance of violation from the date to be notified separately by the Commission.

6.3 Deviation Charges:

6.3.1 The charges for Deviation shall be in accordance with the provisions of the DSM Regulations with the Deviation Price Vector to be notified by the Commission from time to time. Pricing of Deviation of Buyers/Sellers shall be treated as stipulated under the DSM Regulations vide Annexure. The Charges for Deviation corresponding to grid frequency interval of below 50.01 and not below 50.0 shall be daily average Area Clearing Price (ACP) discovered in the Day-Ahead Market (DAM) segment of Power Exchange. Tamil Nadu is coming under S2 segment area. Hence the ACP for S2 segment area as considered by SRLDC will be taken for computation of DSM price vector. The daily simple average ACP of the Power Exchange having a market share of 80% or more in energy terms on a daily basis shall be used for linking to the DSM price. If no single Power Exchange is having a market share of 80% or more, the weighted average daily simple average ACP shall be considered.

6.3.2 In case non availability of daily simple average ACP due to no trade on a given day daily simple average ACP of the last available day shall be considered for determining the DSM charge.

6.3.3 In addition to Charges for Deviation as stipulated under the DSM Regulations, Additional Charge for Deviation shall be applicable for over-drawal/ under-injection of electricity by a buyer/Seller for each time block in excess of the volume limit specified in this regulation when average grid frequency of the time block is “ . 5 and above” at the rates specified in these Regulations.

6.3.4 In addition to Charges for Deviation as stipulated under the DSM Regulations, Additional Charge for Deviation shall be applicable for over-injection/under drawal of electricity for each time block by a Seller or Buyer, as the case may be, when grid frequency is 50.05 and above” at the rates equivalent to charges of deviation corresponding to the grid frequency of “below 50.01 but not below 50.0 ”.

6.3.5 The Charges for Deviation of generating stations whose tariff is determined by the Commission, when actual injection is higher/lower than the scheduled generation,

shall not exceed the Cap Rate [311] Paise/kWh to be determined by the Commission from time to time.

6.3.6 The Charges for the Deviation for the generating stations other than those covered above, irrespective of the fuel source, when actual injection is higher or lower than the scheduled generation, shall not exceed the Cap Rate of [303.04] Paise/kWh.

6.3.7 The charge for deviation shall be zero at grid frequency of 50.05 Hz and above.

6.3.8 The charges for the Deviation for the under-drawal by the Buyer in a time block in excess of 12% of the schedule or [X] MW, the limit arrived as per clause (B) of regulation 11, whichever is less, shall be zero;

6.3.9 The charges for the deviation for the over-injection by the Seller, in a time block in excess of 12% of the schedule or [100] MW, whichever is less, shall be zero, except in case of injection of infirm power.

6.3.10 The under drawals by partial or full open access consumers shall be treated as inadvertent energy supplied by the generator.

6.3.11 Overdrawal by Full open access consumers in excess of the schedule provided by Sellers shall be settled to the Distribution licensee at the charges applicable for excess demand to a normal consumer of the Distribution licensee as per the provisions of the Regulations of the Tamil Nadu Electricity Supply code and any drawal during outage of the generator supplying power to the full open access consumer shall be settled at 125% of the applicable energy and demand charges as determined in the Commission's tariff orders in respect of the Distribution licensee.

6.3.12 Overdrawal by Partial open access consumers in excess of the schedule provided by Sellers shall be settled as per the agreement governing the terms and conditions of supply entered into with the Distribution licensee.

6.4 Calculation of Deviation of Energy:

6.4.1 State Owned Generating Stations (SGS) and IPPs.

Deviation for SGS = (Actual injection - Scheduled injection)

Actual Injection = (Summation of Energy injection at ABT meters at evacuation feeders at their end.)

Scheduled Injection = Implemented schedule issued to SGS.

6.4.2 Private Generators supplying intra/inter state:

Deviation for Private Generators = (Actual injection- Scheduled injection)

Actual Injection = (Summation of Energy injection at ABT meters provided in the evacuation feeders at their end)

Scheduled Injection = Implemented schedule issued to Private generators.

6.4.3 Deemed Distribution Licensee:

Deviation for Deemed Distribution Licensee = (Actual Drawal - Scheduled Drawal)

Actual Drawal = (Summation of Energy drawal at interface ABT meters provided in the dedicated feeders at TANTRANSCO Substation end)

Scheduled Drawal = Implemented schedule issued to Deemed Distribution Licensee.

6.4.5 The statement of charges of deviation shall be prepared by Secretariat of State Power Committee(SPC) on weekly basis based on the data prepared by SLDC by the Thursday of the week for the seven day period ending on the penultimate Sunday mid night and shall be issued to all constituents of the pool by next Thursday.

7.0 State Energy Accounting:

7.1 The Secretariat of SPC shall prepare the scheduled energy and actual energy statement for the month for all the intrastate entities as per the provisions of the DSM Regulations. The following energy statement is to be prepared by TNSLDC/Secretariat of SPC.

- (i) Net energy received from various sources at TANTRANSCO network.
- (ii) Energy Despatched to TANGEDCO network.
- (iii) Net energy received from intrastate private generators.
- (iv) Net energy received from SGS.

- (v) Net Energy received from Central sector at TANTRANSCO network and supplied to TANGEDCO network.
- (vi) Intra -State transmission losses.
- (vii) Account of exchange of surplus power.
- (viii) Report of incidences of violating the provisions of these Regulations.

7.2 15 min block wise, daywise Scheduled energy for open access consumers from various sources such as Third party sale, CPP, interstate purchase from power exchange and Bilateral transactions etc have to be compiled for the month and communicated to TANGEDCO for 15 min block wise energy adjustment for the HT consumers. The billing centre of TANGEDCO shall be responsible for energy accounting , raising and settlement of bills with open access consumers.

7.3 15 min block wise, daywise Scheduled Despatch energy for the private generators for supplying power to TANGEDCO, Third party sale, CPP, interstate sale through power exchange and Bilateral transactions etc have to be compiled for the month communicated to TANGEDCO for the monthly billing.

7.4 Secretariat of SPC shall prepare and issue weekly statements to all constituents. SPC shall publish provisional monthly State Energy Account and Weekly State Deviation Pool Account Statement on its website for review by the State entities. The State entities shall provide suggestions for rectification (if any) within 15 days from the date of publishing. Upon such scrutiny and rectification (if necessary), monthly State Energy Account and weekly State Deviation Pool Account Statement as prepared by the SPC Secretariat shall be final and binding on all State entities.

7.5 DSM Pool Account operation

7.5.1 All payments on account of Charges for Deviation including Additional Charges for Deviation levied under the DSM Regulations and interest, if any, received for late payment shall be credited to the funds called the “State Deviation Pool Account”, which shall be maintained and operated by the State Load Despatch Centre in accordance with provisions of these Regulations.

Provided that

- i. The Commission may by Order direct any other entity to operate and maintain respective “State Deviation Pool Account”.
- ii. Separate books of accounts shall be maintained for the Principal component and Interest component of Charges for Deviation and Additional Charges for Deviation by the SLDC.
- iii. The State entities shall comply with statutory requirements for payment of applicable statutory levies, including but not limited to Goods and Service Tax (GST), Tax deduction at source (TDS);
- iv. The State entities shall facilitate SLDC in meeting with the reporting requirements of Statutory Authorities, as necessary.

7.5.2 All payments received in the “State Deviation Pool Account” shall be appropriated in the following sequence:

- i. any cost or expense or other charges incurred on recovery of Charges for deviation.
- ii. over dues or penal interest, if applicable.
- iii. normal interest.
- iv. Regional Deviation Pool Account
- v. charges for deviation and additional charges for deviation.
- vi. Any other charges as may be raised by the RLDC

7.5.3 An amount of surplus funds in the State Deviation Pool Account at the end of the financial year shall be utilized for the purpose of improvements in power system operations, for undertaking such measures and studies for improvement in reliability, security and safety of grid operations, undertaking capacity building and training programs related to system operations and market operations and for such other purposes or for other schemes as may be devised in consultation with National Load Despatch Centre, or Regional Load Despatch Centre, with prior approval of the Commission.

Provided that SLDC shall prepare scheme(s) and shall submit annual plan for utilization of surplus funds and implement the scheme(s) only upon approval of the Commission.

7.5.4 If Deviation charges receivable , in a week, after accounting for the receivables from /payables to the Regional Pool account, is less than the Deviations charges payable, the Deviation charges payable / receivables for the intra-state entities shall be proportionately adjusted to make the payable and receivable amounts equal.

7.5.5 The shortfall in funds in the State Deviation Pool Account, if any, at the end of the weekly settlement period shall be recovered by levy of additional charge from the State Entities in proportion to Net Deviation Charges Payable by concerned State Entity for the applicable weekly settlement period through supplementary bills.

8.0 Commercial Settlement

8.1 The payment of charges for Deviation shall have a high priority and the concerned constituent shall pay the indicated amounts within 10 (ten) days of the issue of Statement of Charges for Deviation including Additional Charges for Deviation by SLDC into the “State Deviation Pool Account”.

8.2 If payments against the Charges for Deviation including Additional Charges for Deviation are delayed by more than two days, i.e., beyond twelve (12) days from the date of issue of the statement by the SLDC, the defaulting constituent shall have to pay simple interest @ 0.06% for each day of delay. This is without prejudice to any action that may be taken under Section 142 of the Act in addition to any action under Section 56 of the Act and other relevant Regulations.

8.3 All payments to the entities entitled to receive any amount on account of charges for Deviation shall be made within 2 working days of receipt of the payments in the “State Deviation Pool Account”.

Provided that

In case of delay in the Payment of charges for Deviations into the State Deviation Pool Account and if any, beyond 12 days from the date of issue of the Statement of Charges for Deviations, the State Entities who have to receive payment for Deviation

or interest thereon shall be paid from the balance available in the State Deviation Pool Account.

In case the balance available is not sufficient to meet the payment to the State Entities, the payment from the State Deviation Pool Accounts shall be made on pro rata basis from the balance available in the State Deviation Pool Account.

The liability to pay interest for the delay in payments to the “State Deviation Pool Account” shall remain till interest is not paid, irrespective of the fact that constituents who have to receive payments, have been paid from the “State Deviation Pool Account” in part or full.

8.4 All State Entities which had at any time during the previous financial year failed to make payment of Charges for Deviation including Additional Charges for Deviation within the time specified in these Regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for Deviations in the previous financial year, in favour of the SLDC within a fortnight from the date these Regulations come into force.

Provided that

If any State entity fails to make payment of Charges for Deviation including Additional Charges for Deviation by the time specified in these Regulations during the current financial year, it shall be required to open a Letter of Credit equal to 110% of weekly outstanding liability in favour of State Load Despatch Centre within a fortnight from the due date of payment.

LC amount shall be increased to 110% of the payable weekly liability for Deviation in any week during the year, if it exceeds the previous LC amount by more than 50%.

Illustration:

If the average payable weekly liability for Deviation of a State entity during [2019-20] is Rs.2.0 crores, the State entity shall open LC for Rs.2.2 crores in [2020-21].

If the weekly payable liability during any week in [2020-21] is Rs.3.5 crores which is more than 50 of the previous financial year’s average payable weekly liability of Rs 3.0 crores, the concerned state entity shall increase the LC amount to Rs.3.85 crores (1.1×3.50) by adding Rs.1.65 Crores.

8.5 In case of failure to pay into the “State Deviation Pool Account” within the specified time of 12 days from the date of issue of statement of charges for Deviations, the SLDC shall be entitled to encash the LC of the concerned constituent to the extent of the default and the concerned constituent shall recoup the LC amount within 3 days.

9.0 Payment of Fixed and Variable Charges

Payment towards Fixed charges & energy charges by the buyer to Sellers shall be as per the mutually agreed terms in the respective power purchase agreements subject to the condition that the same are not inconsistent with the provisions of these Regulations.

10.0 Formation of State Power Committee(SPC)

The State power committee will be formed as per the provisions of the DSM Regulations.

11.0 Compliance Monitoring

11.1 The following events would be considered event of breach or default:

- i. Non-payment or delay in Deviation/Additional Deviation charges
- ii. Non-compliance of procedures outlined in these procedures.
- iii. Non-compliance of any directives by TNERC or TNSLDC in this matter.
- iv. In case Available Capacity is wilfully mis-declared by any seller.
- v. Non availability of Meter data for calculation of charges
- vi. In case of continued default for statutory compliance leading to declaration of wilful defaulter.

11.2 Consequences of event of default

- i. In case of default of provisions stated in this procedure without prejudice, TNSLDC shall intimate the Entity for actions to be taken.
- ii. In case the entity fails to take corrective measures within stipulated time, the TNSLDC may take decision under its Power

and approach the Commission.

12.0 Grievance Redressal

12.1 All complaints unfair practices, delays, discrimination, lack of information, supply of wrong information or any other matter related to implementation of DSM Regulations in the first instance, shall be mutually resolved by the QCA and TNSLDC only and in the event of irrecoverable differences / disputes the matter shall be referred to the Commission for clarification or adjudication.

13.0 Removal of Difficulties

13.1 This procedure aims at easy and pragmatic implementation of Deviation Settlement Mechanism (DSM) to intrastate entities. However some teething problems may still be experienced. The various implications would be known only after practical experience is gained by way of implementing these procedures. In case of any difficulty in implementation of this procedure, SLDC may approach the Commission for review or revision of the procedure.

13.2 In case any dispute between these procedures and DSM Regulations 2019, the latter shall prevail over these procedures.

13.3 Notwithstanding anything contained in this Procedure, SLDC may take appropriate decisions in the interest of System Operation and such decisions shall be taken under intimation to TNERC and these procedures shall be modified / amended, to give effect to such decisions taken by TNSLDC not later from 6 months from the date of such decision.

14.0 General

14.1 The intrastate entities shall keep the nodal agency and SLDC/STU indemnified at all times and shall undertake to indemnify, defend and keep the nodal agency, SLDC/STU harmless from any and all damages, losses, claims and actions including those relating to injury to or death of any person or damage to property, demands, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties arising out of implementation of DSM mechanism in State.

14.2 Payment of Deviation charges, fees and charges for the concerned SLDC/STU and Distribution licensee as well as other charges for SLDC etc as applicable shall be made by the applicant as per the prevailing TNERC/CERC Regulations.

14.3 The applicant shall abide by the provisions of the Electricity Act 2003, the prevailing CERC/TNERC Regulations and Indian Electricity Grid Code, State Electricity Grid Code as amended from time to time.

15.0 TNSLDC shall undertake Pilot run of software for DSM and after go-live of DSM software there shall be trial run period of twenty four weeks for ensuring implementation of DSM as envisaged in the regulation. TNSLDC shall intimate the proposed date of go-live of DSM software prior to one month.

Annexure I

1. Deviation charges for sellers, buyers, and other conditions:

1) As specified in the Regulation 10 (A) of Tamilnadu Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) Regulations, 2019, the charges for the Deviations for all the time-blocks shall be payable for over-drawal by the Buyer and under-injection by the Seller and receivable for under-drawal by the Buyer and over-injection by the Seller, which are State Entities, and shall be worked out on the average frequency of a time-block by considering the Price Vector for Deviation Charges as stipulated in the following table:

Average frequency of time block (Hz)		Charges for Deviation
Below	Not below	(Paise/kWh)
	50.05	0.0
50.05	50.04	Slope determined by joining the price at Not Below 50.05Hz and identified price at 50.00Hz, and as detailed in the note below this Regulation
50.04	50.03	
50.03	50.02	
50.02	50.01	
50.01	50.00	
	50.00	Daily (simple) average Area Clearing Price discovered in the Day Ahead Market segment of power exchange
50.00	49.99	Slope determined by joining the price identified at 50.00 Hz and price at below 49.85Hz, and as detailed in the note below this Regulation
49.99	49.98	
49.98	49.97	
49.97	49.96	
49.96	49.95	
49.95	49.94	
49.94	49.93	
49.93	49.92	
49.92	49.91	
49.91	49.90	
49.90	49.89	
49.89	49.88	
49.88	49.87	
49.87	49.86	
49.86	49.85	
49.85		800.00

Note:-

- i. The Deviation Settlement Mechanism (DSM) rate vector will have a dynamic slope determined by joining the identified price points at 50 Hz. (daily simple average ACP), frequency of 49.85 Hz (Rs. 8 per unit) and 50.05 Hz (zero) on a daily basis.
- ii. The maximum ceiling limit applicable for average Daily ACP discovered in the DAM segment of Power Exchange at 50.00 Hz shall be 800 Paise/kWh.
- iii. Charges for deviation for each 0.01 Hz step shall be equivalent to the Slope determined by joining the price at Not below 50.05 ' and identified price at 50.00 ' in the frequency range of 50.05-50.00 Hz, and to the Slope determined by joining the price identified at 50.00 ' and price at below . 5 ' in frequency range below 50 ' to below . 5 '.
- iv. The daily simple average ACP of the Power Exchange having a market share of 80% or more in energy terms on a daily basis shall be taken into consideration for linking to the DSM price vector. If no single Power Exchange is having a market share of 80% or more, the weighted average day-ahead price shall be used for linking to the DSM price.
- v. Daily simple average Area Clearing Prices (ACP) in the day-ahead market (exclusive of any transmission charges and transmission losses) shall be used as the basis for market linked DSM price at 50 Hz.
Provided that based on a review of the above mechanism within one year or in such time period as may be decided by the Commission, if the Commission is satisfied that the market conditions permit, the basis for market linked DSM price shall be substituted, by the time-block-wise ACP in the day ahead market or as and when the real time market is introduced, by the hourly ACP or the ACP of such periodicity as may be considered appropriate by the Commission.
- vi. The Cap rate for the charges for deviation for the generating stations whose tariff is determined by the Commission shall be equal to [311] paise/kWh.
Provided that no retrospective revision of DSM account shall be allowed even if the energy charges are revised at a later date.
- vii. In case of non-availability of daily simple average ACP due to no-trade on a given day, daily simple average ACP of the last available day shall be considered for determining the DSM charge.
- viii. Deviation price shall be rounded off to nearest two decimal places

- ix. An **illustration***** to the DSM price vector specified in table above, is provided as below.
- x. The National Load Despatch Centre (NLDC) shall act as the Nodal Agency to declare the daily DSM rates and shall display all relevant information on its website.”

*****Illustration to the DSM Price Vector specified in the Tamil Nadu Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) Regulations, 2019.**

Average frequency of time block (Hz)		Charges for Deviation
Below	Not below	(Paise/kWh)
	50.05	0.0
50.05	50.04	1xP/5
50.04	50.03	2xP/5
50.03	50.02	3xP/5
50.02	50.01	4xP/5
50.01	50.00	P
50.00	49.99	50.00+15xP/16
49.99	49.98	100.00+14xP/16
49.98	49.97	150.00+13xP/16
49.97	49.96	200.00+12xP/16
49.96	49.95	250.00+11xP/16
49.95	49.94	300.00+10xP/16
49.94	49.93	350.00+9xP/16
49.93	49.92	400.00+8xP/16
49.92	49.91	450.00+7xP/16
49.91	49.90	500.00+6xP/16
49.90	49.89	550.00+5xP/16
49.89	49.88	600.00+4xP/16
49.88	49.87	650.00+3xP/16
49.87	49.86	700.00+2xP/16
49.86	49.85	750.00+1xP/16
49.85		800.00

Where P is the Daily average Area Clearing Price in paisa per kWh discovered in the Day Ahead Market segment of power exchange.

Annexure II

Additional Deviation Charges

Table – I: Additional Deviation Charges (for Seller/Buyer)

(A) When 12% of the Schedule is less than or equal to [100] MW

1	For over-drawal of electricity by any Buyer in excess of 12% and upto 15% of the schedule in a time block	Equivalent to 20% of Charge for Deviation corresponding to average grid frequency of the time-block
2	For over-drawal of electricity by any Buyer in excess of 15% and upto 20% of the schedule in a time block	Equivalent to 40% of Charge for Deviation corresponding to average grid frequency of the time-block
3	For over-drawal of electricity by any Buyer in excess of 20% of the schedule in a time block	Equivalent to 100% of Charge for Deviation corresponding to average grid frequency of the time-block
4	For under-injection of electricity by any Seller in excess of 12% and upto 15% of the schedule in a time block	Equivalent to 20% of Charge for Deviation corresponding to average grid frequency of the time-block
5	For under-injection of electricity by any Seller in excess of 15% and upto 20% of the schedule in a time block	Equivalent to 40% of Charge for Deviation corresponding to average grid frequency of the time-block
6	For under-injection of electricity by any Seller in excess of 20% of the schedule in a time block	Equivalent to 100% of Charge for Deviation corresponding to average grid frequency of the time-block

(B) When 12% of the Schedule is more than [100] MW

1	For over-drawal of electricity by any Buyer is above X MW and upto X+[10] MW in a time block	Equivalent to 20% of Charge for Deviation corresponding to average grid frequency of the time-block
2	For over-drawal of electricity by any Buyer is above X+[10] MW and upto X + [20] MW in a time block	Equivalent to 40% of Charge for Deviation corresponding to average grid frequency of the time-block
3	For over-drawal of electricity by any Buyer is above X + 20 MW in a time block	Equivalent to 100% of Charge for Deviation corresponding to average grid frequency of the time-block
4	For under-injection of electricity by any Seller is above [100] MW and upto[110] MW in a time block	Equivalent to 20% of Charge for Deviation corresponding to average grid frequency of the time-block
5	For under-injection of electricity by any Seller is above [110] MW and upto [120] MW in a time block	Equivalent to 40% of Charge for Deviation corresponding to average grid frequency of the time-block
6	For under-injection of electricity by any Seller is above [120] MW in a time block	Equivalent to 100% of Charge for Deviation corresponding to average grid frequency of the time-block

Table – II: Additional Deviation Charge for Under-Injection by Generating Stations Regulated by the Commission using Coal or Lignite or Gas Supplied Under Administrative Price Mechanism.

(A) When 12% of the Schedule is less than or equal to [100] MW

- | | | |
|---|--|---|
| 1 | For under-injection of electricity by any Seller in excess of 12% and upto 15% of the schedule in a time block | Equivalent to 20% of Cap Rate of [303.04] Paise/kWh or charge for Deviation corresponding to average grid Frequency of the time-block, whichever is less. |
| 2 | For under-injection of electricity by any Seller in excess of 15% and upto 20% of the schedule in a time block | Equivalent to 40% of Cap Rate [303.04] Paise/kWh or charge for Deviation corresponding to average grid Frequency of the time-block, whichever is less. |
| 3 | For under-injection of electricity by any Seller in excess of 20% of the schedule in a time block | Equivalent to 100% of Cap Rate [303.04] Paise/kWh or charge for Deviation corresponding to average grid Frequency of the time-block, whichever is less. |

(B) When 12% of the Schedule is more than [100] MW

- | | | |
|---|--|---|
| 1 | For under-injection of electricity by any Seller is above 100 MW and upto 110 MW in a time block | Equivalent to 20% of Cap Rate [303.04] Paise/kWh or charge for Deviation corresponding to average grid Frequency of the time-block, whichever is less. |
| 2 | For under-injection of electricity by any Seller is above 110 MW and upto 120 MW in a time block | Equivalent to 40% of Cap Rate [303.04] Paise/kWh or charge for Deviation corresponding to average grid Frequency of the time-block, whichever is less. |
| 3 | For under-injection of electricity by any Seller is above 120 MW in a time block | Equivalent to 100% of Cap Rate [303.04] Paise/kWh or charge for Deviation corresponding to average grid Frequency of the time-block, whichever is less. |

Form –A- Declared Capability

Block	Block Interval	Station1 (MW)	Station2 (MW)	Station 3 (MW)	Station4 (MW)	Total(MW)
1	00:00-00:15					
2	00:15-00:30					
3	00:30-00:45					
4	00:45-01:00					
5	01:00-01:15					
.	.					
.	.					
.	.					
95	23:30-23:45					
96	23:45-24:00					

Form –B- Entitlement

Block	Block Interval	Station1 (MW)	Station2 (MW)	Station3 (MW)	Station4 (MW)	.	.	.	.	Total(MW)
1	00:00-00:15									
2	00:15-00:30									
3	00:30-00:45									
4	00:45-01:00									
5	01:00-01:15									
.	.									
.	.									
.	.									
95	23:30-23:45									
96	23:45-24:00									

Form-C- Load requirement

Block	Block Interval	Discom/State Entitlement(MW)	Discom/State Load Requirement(MW)	Total
1	00:00-00:15			
2	00:15-00:30			
3	00:30-00:45			
4	00:45-01:00			
.	.			
.	.			
.	.			
95	23:30-23:45			
96	23:45-24:00			

Form-D (Generator End)- Dispatch schedule

Block	Block Interval	Station1 (MW)	Station2 (MW)	Station3 (MW)	Station4 (MW)	.	.	.	Total(MW)
1	00:00-00:15								
2	00:15-00:30								
3	00:30-00:45								
4	00:45-01:00								
.	.								
.	.								
.	.								
.	.								
95	23:30-23:45								
96	23:45-24:00								

Form-D (Distribution licence) - Drawal schedule

Block	Block Interval	Station1 for Discom1 (MW)	Station2 for Discom1 (MW)	Station3 for Discom1 (MW)	Station4 for Discom1 (MW)	.	.	.	Total(MW)
1	00:00- 00:15								
2	00:15- 00:30								
3	00:30- 00:45								
4	00:45- 01:00								
.	.								
.	.								
.	.								
95	23:30- 23:45								
96	23:45- 24:00								

OPERATING PROCEDURES AND BUSINESS RULES FOR CONSTITUTION OF STATE POWER COMMITTEE 2020

In exercise of power conferred by Regulation 15(1) of Tamil Nadu Electricity Regulatory Commission. Deviation Settlement Mechanism and Related matters Regulations 2019, the TNSLDC hereby notifies the following operating procedures and business rules. These operating procedures and business rules shall be called operating procedures and business rules for SPC 2020.

Tamil Nadu State Power Committee Operating Procedures and Conduct of Business Rules 2020

CHAPTER 1

General

1. Short Title and commencement:

1.1 Tamil Nadu State Power Committee (TNPSC) shall be established under clause 15.1 of Tamil Nadu State Electricity Regulatory Commission's Deviation Settlement Mechanism Regulations 2019, with representatives from SLDC, TANGEDCO, TANTRANSCO and private generators having more than 100 MW installed capacity. Organization structure of TNSPC is in line with organizational structure of SRPC.

1.2 The State Power Committee which is to be established under the provision of clause 15.1 of Tamil Nadu State Electricity Regulatory Commission's Deviation Settlement Mechanism Regulations 2019 herein after referred to as TNSPC shall have the following as its members.

Members representing,

1. State Load Despatch Centre (SLDC)
2. State Transmission Utility (STU-TANTRANSCO)
3. Distribution Utility (TANGEDCO)
4. State Owned Generating Stations (TANGEDCO)

5. Independent Power Projects (IPPs)
6. Captive Generating Plants (CGP)
7. Wind Power Producers
8. Solar Power Producers
9. Cogen power plants, Bio Mass Power Plants
10. Traders
11. Qualified Co-coordinating Agencies (QCAs)
12. Deemed Distribution Licensees.

1.3 Wherever a member is represented by rotation, the nomination would be for a period of one year. The representative from respective organizations should be either the head of the organization or at least a person not below the rank of a Director on the Board of the Company/Corporate entity except for Central Public Sector undertakings (CPSUs) where representative could also be at the level of Executive Director.

1.4 The TNPSC shall discharge its functions as per clause 15.1 of TNERC Deviation Settlement Mechanism Regulations 2019 and shall further perform the key activities as set out in these procedures and rules.

2.0 Key activities of Tamil Nadu State Power Committee(TNSPC)

2.1 Issuance of Deviation Settlement Accounts and Reactive Energy Accounts, review of DSM accounting and billing, issuance of State Energy Accounts (EA), and conducting of Committee Meetings on quarterly basis, preparations of report and Annual report, Resolution of commercial issues pertaining to the State, representing TNSPC secretariat in hearings before the State / Central Electricity Regulatory Commissions.

2.2 These operating procedures and rules shall come into force from the date of its notification of the official gazette and shall remain in force unless otherwise modified.

3. Definitions:

3.1 In these Regulations, unless the context otherwise requires,

(a) “Act” means the Electricity Act, 2003 (36 of 2003), as amended from time to time;

(b) “Agenda” means the list of business proposed to be transacted at a meeting of the committee.

(c) “Committee” means the Tamil Nadu State Power Committee constituted as per clause 15 of Tamil Nadu Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) regulations, 2019,

(d) “Commission” means the Tamil Nadu Electricity Regulatory Commission constituted under sub-section(1) of Section 82 of the Act,2003;

(e) “Grid Code” means the State Grid Code specified by the Commission under Section 86(1) (h) of the Act;

(f) “Indian Electricity Grid Code” (or “IEGC”) means the Grid Code specified by the Central Electricity Regulatory Commission under Section 79(1)(h) of the Act;

(g) “State Entity” means such person who is in the SLDC control area and whose metering and energy accounting is done at the State level;

(h) “State Load Despatch Centre” (or “SLDC”) means the Load Despatch Centre of Tamil Nadu established under Section 31(1) of the Act and responsible for coordinating the scheduling of the State Entities in accordance with the provisions of the State Grid Code;

(i) “Meeting” means a meeting of the committee convened by the head of the Secretariat or any member authorized to convene a meeting in the absence of the head of Secretariat.

(j) “Member” means the member of the TNSPC

(k) Rules” or the “operating procedures” mean State Power Committee operating procedure and Conduct Business Rules, 2019

3.2 The Words or expressions used and not defined in these Regulations shall have the meaning assigned to them in the Act, or the Rules or other Regulations framed there under.

4.0 Functions of TNSPC

4.1 As per clause 15.2 of Tamilnadu State Electricity Regulatory Commission’s Deviation Settlement Mechanism Regulations 2019, the State Power Committee shall:

- i. Co-ordinate and facilitate the intra-state energy exchange for ensuring optimal utilization of resources.
- ii. Monitor compliance of these Regulations by State Entities and submit annual compliance report in the prescribed format within thirty days from close of financial year.
- iii. Guide the SLDC for modification of procedure(s) to address the implementation difficulties, if any.
- iv. Provide necessary support and advice to the Commission for suitable modifications/issuance of operating procedures, practice directions, and amendment to the provisions of these Regulations, as may be necessary upon due regulatory process.

5.0 Secretariat of TNSPC

5.1 Secretariat shall perform the following duties

- (a) Keep custody of records of proceedings of the committee
- (b) Prepare Agenda for the committee meetings
- (c) Prepare minutes of the committee meetings
- (d) Take follow-up action on the decision taken in the committee meetings

(e) Maintain archive of data and information pertaining to operating parameters, protection system and communication system of the State power system to be collected from constituent members or other officers, companies, firms or any other party as may be directed by committee, such information as may be considered useful for the efficient discharge of functions of the committee under the resolution and place the information before the committee.

5.2 The duties and responsibilities envisaged under regulations made by Tamil Nadu Electricity Regulatory Commission (TNERC) and Tamil Nadu State Power Committee(TNSPC) resolution from time to time, shall be carried out by the Member Secretary/TNSPC. The Member Secretary shall be an officer not below the rank of Superintending Engineer.

6.0 Furnishing of data/information to Secretariat of TNSPC

6.1 SLDC and constituents of the State shall make available all data/information required by the Secretariat to discharge its functions or to carry out any other responsibility/function assigned to it by the Commission/Committee. It shall also be the responsibility of the constituents to ensure that any data though not specifically asked for by the Secretariat, but which may be required for the specific responsibility/function assigned to the Secretariat is also made available to the Secretariat.

7.0 Chairperson of TNSPC

7.1 The members of the Committee shall elect the Chairman from SLDC/TANTRANSCO/TANGEDCO/TNEB Ltd for a period of one year after which a new Chairman will be elected for next year. The Chairperson shall be an officer not below the rank of Chief Engineer.

8.0 Website of TNSPC

8.1 The TNSPC shall have its own website which shall be maintained by TNSPC Secretariat.

CHAPTER - II

PROCEDURE FOR CONDUCTING TNSPC MEETINGS

9.0 Place and date of TNSPC Meeting

9.1 The Place and date of the meeting shall from time to time be decided by Member Secretary, TNSPC in consultation with Chairperson of TNSPC. Such meeting will generally be held within the state of Tamil Nadu.

9.2 Meeting will be hosted by the member organizations as per the roster prepared by Member Secretary/ TNSPC in consultation with the members of the TNSPC.

10.0 Notice for the Committee Meetings and Agenda

10.1 Notice for the committee meeting shall be issued by Member Secretary/TNSPC at least 2/3 weeks in advance in consultation with Chairperson of TNSPC. In case of emergency meetings required to be conducted to carry out urgent business, notice of one week is to be given.

10.2 The agenda points for the meeting shall be sent to the Member Secretary by the members at least 20 days in advance of the meeting. The Member Secretary/ TNSPC shall finalize the agenda and circulate the same to all its members at least 10 days in advance and also post it on the website.

10.3 Member Secretary/ TNSPC may convene a meeting at short notice on any urgent matter in consultation with Chairperson of the committee. Meetings if necessary may be conducted through video conferencing also.

11.0 Effect of Non-receipt of Notice of Meeting by a Member

The non-receipt of notice by any member of TNSPC shall not invalidate the proceeding of the meeting or any decision taken in the meeting.

12.0 Cancellation/Re-Scheduling of Meeting

If a meeting is required to be cancelled or rescheduled, the same shall be intimated to the members at the earliest by telephone/e-mail and also posted in TNSPC website immediately.

13.0 Periodicity of Meetings

The committee members shall meet at least once in three months. However, the committee may meet to discuss any issue as and when required in consultation with Chairperson, TNSPC

14.0 Quorum of TNSPC Meeting

14.1 The quorum of the meeting shall be 50% of its members for routine business and a quorum of 75% for amendments to State Power Committee (Conduct of Business) Rules, 2019.

14.2 All decisions in the TNSPC shall be taken by consensus.

14.3 The decision of the TNSPC arrived at for operation of the state grid and scheduling and dispatch of electricity shall be followed by SLDC subject to the directions of regulations of the Central/State Commission.

14.4 Only Members of TNSPC and TNSPC Secretariat shall participate in the committee meetings. The invitees by the committee also may attend the meeting.

15.0 Presiding Authority

15.1 The Chairperson of TNSPC shall preside over the meeting of TNSPC and conduct business. The Member Secretary, TNSPC shall assist the Chairperson of TNSPC in conducting the meeting. If the Chairperson is unable to be present at the meeting for

any reason, other members present in the meeting shall nominate a person among themselves to preside over the meeting.

15.2 In the absence of Member Secretary/ TNSPC such of the other officer as may be designated shall function as Member Secretary to assist Chairperson of TNSPC.

16.0 Recording of the Minutes.

16.1 The minutes of the meeting shall be finalized and circulated to all its members by the Member Secretary/ TNSPC within 15 working days from the date of the committee meeting. The TNSPC shall extend all facilities for audio recording of the proceedings of the meeting.

16.2 The discussions during the meeting shall be audio recorded and the record shall be kept at the secretariat of TNSPC till the confirmation of the minutes. The member organization hosting the meeting shall extend all facilities for audio recording of the proceedings of the meeting.

17.0 Confirmation of the Minutes

17.1 Minutes of the TNSPC meeting shall be placed in the next meeting for confirmation. However, in case of urgency the minutes may be confirmed by circulation

CHAPTER –III

18.0 Sub Committees of TNSPC

18.1 In future the functions of TNSPC will be extended by establishing the sub committees as follows.

- a. Technical Co-Ordination Sub-Committee (TCC)
- b. Operation Co-Ordination Sub-Committee (OCC)
- c. Commercial Sub-Committee (CC)

- d. Protection Sub-Committee (PC)
- e. System Study Sub-Committee

CHAPTER –IV

19.0 Reports by TNSPC

The following reports shall be prepared and furnished by TNSPC secretariat.

Sl.No	Name of the report	Periodicity
1	Monthly Progress Report-State Grid Operational Data	Monthly
2	Annual Report of TNSPC	Annual

CHAPTER-V

MISCELLANEOUS

20.0 Savings of inherent power of the TNSPC

20.1 Nothing in these Rules shall bar the TNSPC from adopting in conformity with the Act a procedure that is at variance with provisions of these Rules/Procedures, if the TNSPC in view of the special circumstances of a matter or class of matters deem it necessary or expedient to deal with such a matter or class of matters.

20.2 Nothing in these Rules shall expressly or by implication, bar the TNSPC to deal with any matter or exercise any power under the Act for which no Rules/Procedures have been framed and TNSPC may deal with such matters and functions in a manner it thinks fit.
