

Tamil Nadu Electricity Regulatory Commission (Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources) Regulations, 2019

HIGHLIGHTS

Eligible Entities	All wind and solar energy generators (excluding rooftop plants) with individual or combined capacity of 25 MW and above connected to the state grid independently or through pooling station.
Forecasting & Scheduling	<ul style="list-style-type: none"> • Qualified Coordinating Agency (QCA) shall provide day-ahead schedule to the SLDC. • Day-ahead schedule: At intervals of 15 minutes for the next day, starting from 00:00 hours of that day. • Revision can be done by giving notice effective from the 4th time block - the 1st being when notice was given. • One revision for each one-and-a-half-hour time block subject to a maximum of 16 revisions in a day.
Role of QCA and Implementation	<ul style="list-style-type: none"> • One QCA for each pooling sub-station or generating station registered with SLDC. • QCA shall be the single point of contact with respect to: <ul style="list-style-type: none"> - Meter reading, data collection and its communication. - Coordination between distribution licensees, SLDC and other agencies. - Commercial settlements between generators and their counterparties. - All other ancillary or incidental matters.
Commercial and Deviation Settlement	<ul style="list-style-type: none"> • Generators connected to the state grid and selling power within the state, to be paid as per actual generation. • Generators connected to the state grid and selling power outside the state, to be paid as per scheduled generation.

OTHER PROVISIONS

Deviation Charges for Sale of Power within the State	Under or over injection (for plants commissioned before the date of notification):	
	Absolute Error in a 15-min. time block	Deviation Charges payable to State DSM Pool
	≤10%	None.
	>10% but ≤20%	At Rs.0.25 per unit.
	>20% but ≤30%	At Rs.0.25 per unit for the shortfall or excess beyond 10% and up to 20% + Rs.0.50 per unit for balance energy beyond 20% and up to 30%.
	>30%	At Rs.0.25 per unit for the shortfall or excess beyond 10% and up to 20% + Rs.0.50 per unit for balance energy beyond 20% and up to 30% + Rs.1.00 per unit for balance energy beyond 30%.
Payment Mechanism	Commercial settlement of deviations with respect to pooling sub-stations to be settled within 10+2 days. Delay beyond this period will attract a fine of 0.06% per day.	
Metering	<ul style="list-style-type: none"> • Metering to record parameters in every 15 minute time block. • Data telemetry shall be adopted at the turbine/inverter or plant level as considered appropriate by SLDC. 	
Link	http://www.tnerc.gov.in/regulat.htm#dsm	
Reference	http://www.tnerc.gov.in/regulation/DSM/DSM%20Gazette12_VI_2.pdf	