

MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION

**(Forecasting, Scheduling, Deviation Settlement Mechanism and related matters of
Wind and Solar generating stations) Regulations, 2018, dated: 12-04-2018 with
amendment dated: 25.09.2019**

Sl. No.	Description	Summary
1.	Control Period	NA
2.	Scope of Regulation	<ul style="list-style-type: none"> • The objective of these Regulations is to maintain grid discipline and grid security as envisaged under the Grid Code through the commercial mechanism for Deviation Settlement through injection of electricity by the users of the grid. • These Regulations shall be applicable to Seller(s) involved in the transactions facilitated through short-term open access or medium-term open access or long-term open access in intra-state transmission or distribution of electricity [including intra-state wheeling of power), as the case may be, in respect of all wind power generators having a combined installed capacity of 10 MW & above and solar power generators having installed capacity of 5 MW & above including those connected via pooling stations and selling power within the State.
3.	Conditions for participation in Deviation Settlement Mechanism	<ol style="list-style-type: none"> 1. SLDC shall take all decisions with regard to the despatching of stations after evaluating all possible network parameters, constraints, congestions in the transmission network and in the eventuality of any such network aberration, the instructions by the SLDC with regard to despatch and drawal shall be binding on all State Entities. 2. All State Entities shall make necessary arrangements for putting up suitable meters, capable of recording energy flows at 15-minutes intervals, at the points of injection and providing AMR facility for data downloading remotely at SLDC. 3. If generators fail to appoint a common QCA within a period of two months from the date of issue of notice by SLDC, then SLDC shall advise the concerned licensee for disconnection of defaulting generators. 4. In case more than 50% of the installed capacity of wind or solar generators including those connected via pooling station have consented for a particular QCA, then remaining generators shall have to appoint same agency as a QCA. In case of non-compliance, SLDC shall advise the concerned licensee to disconnect the defaulting generators from the Grid.
4.	Scheduling Period	<ol style="list-style-type: none"> 1. The scheduling period shall comprise of 96. time blocks, each of 15-minutes duration starting from 00:00 hours CIST) ending with 24:00 hours (1ST). The first time block of scheduling period shall commence from 00:00 hours (1ST) to 00:15 hours (1ST), second time block of scheduling period shall commence from 00:15 hours (1ST) to 00:30 hours (1ST) and so on. 2. Scheduling period may be revised to 288 time blocks, each of 5-minutes duration starting from 00:00 hours (1ST) ending with 24:00 hours (1ST) and accordingly, the Interface Metering, Energy Accounting and Deviation Settlement need to be capable to undertake transactions with 5-minutes duration.
5.	State Deviation Pool Account	For the purposes of Deviation settlement amongst qualified Wind and Solar Generators, the SLDC shall work out the 'Deviation Pool Accounts' comprising

		over-injection and under-injection for each qualified Wind and Solar Pooling Station, or solar/wind generators, as the case may be, corresponding to each Scheduling period in accordance with the provisions of these Regulations.
6.	Settlement Period	Preparation and settlement of 'Deviation Pool Accounts' shall be undertaken on weekly basis coinciding with mechanism followed for regional energy accounts. Till such time, the complete weekly ABT meter data starts to flow through AMR System or manual data download by MRI, the State Load Despatch Centre shall prepare and issue Deviation Charges Account on monthly basis which shall be allowed maximum up to 3 months from the date of the notification of these Regulations.
7.	Measurement Unit for Deviation Pool Account	The measurement unit for Deviation Pool Volume (Over-injection/under-injection) preparation shall be kiloWatt hours (kWh). Measurement unit for Deviation Pool 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.
8.	Deviation Pool Price Vector	The charges for Deviation shall be in accordance with the Deviation Price Vector to be notified by the Commission from time to time. Separate treatment for pricing of Deviation of Wind/ Solar Generators, as specified under Regulation 6 shall be applicable.
9.	Forecasting, scheduling and elimination of gaming	The provisions of the Madhya Pradesh Electricity Grid Code and the M.P. Electricity Regulatory Commission (Terms and Conditions for intra-state open access in Madhya Pradesh) Regulations, 2005 as amended from time to time, shall be applicable for declaration of capacity, scheduling and elimination of gaming.