

RAJASTHAN ELECTRICITY REGULATORY COMMISSION

(Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources) Regulations, 2017, Dated: 14-09-2017

Sl. No.	Description	Summary
1.	Control Period	N.A. However the commercial mechanism of these Regulations shall come into force from the first (1st) day of January, 2018.
2.	Applicability	For Wind/Solar power generators supplying power to the Discoms, or to the third party consumers through Open Access (OA) or for captive consumption through OA within or outside the State: Wind/Solar power generators having individual or combined capacity of 5 MW and above whether connected to the State Grid independently or through pooling stations and/or solar parks;
3.	Forecasting and Scheduling	<ol style="list-style-type: none"> 1. Forecasting shall be done by wind and solar generators connected to the State Grid or by QCAs on their behalf. 2. The QCA (Qualified Coordinating Agencies) or the wind and solar generator shall submit a day-ahead schedule for each pooling station or each generating station, as the case may be. Day-ahead schedule shall contain wind or solar energy generation schedule at intervals of 15 minutes (time-block) for the next day, starting from 00:00 hours of the day, and prepared for all 96 time blocks. 3. The schedule of wind and solar generators connected to the State grid (excluding collective transactions) may be revised by giving advance notice to the SLDC. Such revisions shall be effective from 4th time block, the first being the time-block in which notice was given. There may be one revision for each time slot of one and half hours starting from 00:00 hours of a particular day subject to a maximum of 16 revisions during the day.
4.	Metering, Telemetry and Data Communication	<ol style="list-style-type: none"> 1. Wind and Solar generators covered under these Regulations shall be governed by interface metering with a provision for recording and storing all the load survey and billing parameters for every 15-minute time block. Monthly meter readings shall be forwarded to the SLDC in addition to data acquisition through SCADA for energy accounting. 2. The plan for data telemetry, Communication requirement, formats of forecast submission and other details in this regard shall be provided in the Detailed Procedure prepared by SLDC and approved by the Commission.
5.	Commercial and Deviation Settlement	<ol style="list-style-type: none"> 1. The QCA shall undertake commercial settlements related to deviations on behalf of the generator(s) connected to the respective pooling station(s) on a monthly basis. The deviation accounting and settlement shall take place at the pooling station level before the end of succeeding month. 2. Deviation Charges in case of under or over-injection for sale of power within the State

		Sr. No.	Absolute Error in the 15-minute time block	Deviation charges payable to the State DSM pool
		1.	<=15%	None
		2.	>15% but <=25%	At Rs. 0.50 per unit for the shortfall or excess of energy for absolute error beyond 15% and upto 25%
		3.	>25% but <=35%	At Rs. 0.50 per unit for the shortfall or excess energy beyond 15% and upto 25% + Rs. 1.0 per unit for balance energy beyond 25% and upto 35%
		4.	>35%	At Rs. 0.50 per unit for the shortfall or excess
		5.		energy beyond 15% and upto 25% + Rs. 1.0 per unit for shortfall or excess energy beyond 25% and upto 35% + Rs. 1.50 per unit for balance energy beyond 35%.
	Once the accounting procedures as above are put in place, all solar and wind generators shall be treated together as a virtual pool within the State Pool. Deviations for and within this virtual pool shall be settled first at the rates and methodology stipulated above for wind and solar generators.			