

# Maharashtra Electricity Regulatory Commission (Forecasting, Scheduling, Deviation Settlement for Solar and Wind Generation Sources) Regulations, 2018

## HIGHLIGHTS

<b>Eligible Entities</b>	<ul style="list-style-type: none"> <li>• All wind and solar energy generators with individual or combined capacity of 5 MW and above connected to the state grid independently or through pooling station.</li> <li>• All wind and solar generators of any capacity connected to the state grid through pooling stations with total capacity of 5 MW and above.</li> </ul>
<b>Forecasting &amp; Scheduling</b>	<ul style="list-style-type: none"> <li>• Qualified Coordinating Agency (QCA) shall provide day-ahead and week-ahead schedule to the SLDC.</li> <li>• Day-ahead schedule: At intervals of 15 minutes for the next day, starting from 00:00 hours of that day.</li> <li>• Week-ahead schedule: At intervals of 15 minutes for the next seven days, starting from 00:00 hours of the day.               <ul style="list-style-type: none"> <li>- Revision can be done by giving notice effective from the 4<sup>th</sup> time block - the 1<sup>st</sup> being when notice was given.</li> <li>- One revision for each one-and-a-half-hour time block subject to a maximum of 16 revisions in a day.</li> </ul> </li> </ul>
<b>Role of QCA and Implementation</b>	<ul style="list-style-type: none"> <li>• One QCA for each pooling sub-station or generating station registered with SLDC.</li> <li>• QCA shall be the single point of contact with respect to:               <ul style="list-style-type: none"> <li>• Meter reading, data collection and its communication.</li> <li>• QCA shall furnish technical specification and also provide real time data to connected SLDC.</li> <li>• Coordination between distribution licensee, SLDC and other agencies.</li> <li>• Commercial settlements between generators and their counterparties.</li> <li>• All other ancillary or incidental matters.</li> </ul> </li> </ul>

<b>Commercial and Deviation Settlement</b>	<ul style="list-style-type: none"> <li>Generators connected to the state grid and selling power within the state, to be paid as per actual generation.</li> <li>Generators connected to the state grid and selling power outside the state, to be paid as per scheduled generation.</li> <li>Deviation settlement for regional entities will be according to the Central Electricity Regulatory Commission (Deviation Settlement Mechanism and Related Matters) Regulations, 2018, as amended from time to time.</li> </ul>
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## OTHER PROVISIONS

Deviation Charges for Sale of Power within the State	Under or over injection (for plants commissioned before the date of notification):	
	<b>Absolute Error in a 15-min. time block</b>	<b>Deviation Charges payable to State DSM Pool</b>
	≤15%	None.
	>15% but ≤ 25%	At Rs.0.50 per unit.
	>25% but ≤35%	At Rs.0.50 per unit for the shortfall or excess beyond 15% and up to 25% + Rs.1.00 per unit for balance energy beyond 25% and up to 35%.
	>35%	At Rs.0.50 per unit for the shortfall or excess beyond 15% and up to 25% + Rs.1.00 per unit for balance energy beyond 25% and up to 35% + Rs.1.50 per unit for balance energy beyond 35%.
Payment Mechanism	<ul style="list-style-type: none"> <li>Deviation charges shall be paid within ten days from date of issue by SLDC.</li> <li>Late payment will attract surcharge of 1.25 % per month.</li> </ul>	
Energy Accounting	<ul style="list-style-type: none"> <li>SLDC shall furnish data on weekly basis through IT enabled system and software.</li> </ul>	
Metering	<ul style="list-style-type: none"> <li>Metering to record parameters in every 15 minute time block.</li> <li>QCA shall furnish weekly meter readings to SLDC by 00:00 hours on Thursday of the previous week.</li> <li>Data telemetry shall be adopted at the turbine/inverter or plant level as considered appropriate by SLDC.</li> </ul>	

Link	<a href="https://www.merc.gov.in/">https://www.merc.gov.in/</a>
Reference	<a href="https://www.merc.gov.in/faces/merc/common/outputClient.xhtml">https://www.merc.gov.in/faces/merc/common/outputClient.xhtml</a>