

# Haryana Electricity Regulatory Commission (Forecasting, Scheduling, Deviation Settlement for Solar and Wind Generation Sources) Regulations, 2019

## HIGHLIGHTS

<b>Eligible Entities</b>	<ul style="list-style-type: none"> <li>• All wind and solar energy generators with individual or combined capacity of 1 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 1 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 a 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 next seven days, starting from 00:00 hours of that day.</li> <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 of one-and-a-half-hour time block subject to maximum 16 revisions on a day</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> </ul> </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>
<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 the 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>

## 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 a15-min time block</b>	<b>Deviation Charges payable to State DSM Pool</b>
	≤10%	None.
	>10% but ≤ 20%	At Rs.0.50 per unit.
	>20% but ≤30%	At Rs.0.50 per unit for the shortfall or excess beyond 10% and up to 20% + Rs.1.00 per unit for balance energy beyond 20% and up to 30%.
>30%	At Rs.0.50 per unit for the shortfall or excess beyond 15% and up to 20% + Rs.1.00 per unit for balance energy beyond 20% and up to 30% + Rs.1.50 per unit for balance energy beyond 30%.	
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 late payment surcharge of 0.4% per day.</li> <li>• QCA shall separately settle deviation charges with wind and solar generators for inter-state and intra-state transactions.</li> <li>• QCA shall also de-pool the deviations and deviation charges to each generator.</li> </ul>	
Energy Accounting	SLDC shall furnish data weekly basis through IT enabled system and software.	
Metering	<ul style="list-style-type: none"> <li>• Special Energy Meter to record parameters in every 15 minute time block.</li> <li>• QCA shall furnish weekly meter reading to SLDC by 00:00 hrs on Wednesday for 7 days data ending on previous Sunday.</li> </ul>	
Link	<a href="https://herc.gov.in/Regulation/1.aspx">https://herc.gov.in/Regulation/1.aspx</a>	
Reference	<a href="https://herc.gov.in/writereaddata/pdf/r20190429a.pdf">https://herc.gov.in/writereaddata/pdf/r20190429a.pdf</a>	