

# Uttar Pradesh Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources Regulations, 2018

## HIGHLIGHTS

<b>Eligible Entities</b>	All wind and solar energy generators (except rooftop) with individual or combined capacity of 5 MW and above connected to the state grid independently or through pooling station.
<b>Forecasting &amp; Scheduling</b>	<ul style="list-style-type: none"> <li>• Qualified Coordinating Agency (QCA) shall provide day-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>• 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 for wind and 8 revisions for solar per 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> <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, 2014, 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 a 15-minute time block</b>	<b>Deviation Charges payable to State DSM Pool</b>
	≤15%	None.
	>15% but ≤25%	10% of fixed rate for balance energy beyond 15% and up to 25%.
	>25% but ≤35%	10% of fixed rate for balance energy beyond 15% and up to 25% + 20% of the fixed rate for balance energy beyond 25% and up to 35%.
	>35%	10% of fixed rate for balance energy beyond 15% and up to 25% + 20% of the fixed rate for balance energy beyond 25% and up to 35% + 30% of the fixed rate for balance energy beyond 35%
Payment Mechanism	QCA shall undertake commercial settlement related to deviations connected to pooling sub-stations on a monthly basis.	
Metering	<ul style="list-style-type: none"> <li>• Meter to record parameters in every 15 minute time block.</li> <li>• Data telemetry shall be adopted at the turbine/inverter or plant level as considered appropriate by SLDC.</li> </ul>	
Links	<a href="http://www.uperc.org/Notified_User.aspx">http://www.uperc.org/Notified_User.aspx</a>	
Reference	<a href="http://www.uperc.org/App_File/ABT(Solar&amp;Wind)2018Regulation-pdf1228201875919PM.pdf">http://www.uperc.org/App_File/ABT(Solar&amp;Wind)2018Regulation-pdf1228201875919PM.pdf</a>	