

# CENTRAL ELECTRICITY REGULATORY COMMISSION

## (Deviation Settlement Mechanism and Related Matters) Regulations, Dated: 06-01-2014 with amendments Dated: 18-12-2014, 07-08-2015

Sl. No.	Description	Summary												
1.	<b>Deviation Settlement</b>	<p>1. The charges for the Deviation for the over-injection by the seller in a time block in excess of 12% of the schedule or 150 MW, whichever is less, shall be zero, except in case of injection of infirm power, and except for wind and solar generators which are regional entities, which shall be governed by sub-clauses (2) to (3) below:</p> <p>2. The infirm power injected into the grid by a generating unit of a generating station during the testing, prior to COD of the unit shall be paid at Charges for Deviation for infirm power injected into the grid, consequent to testing, for a period not exceeding 6 months or the extended time allowed by the Commission in the Central Electricity Regulatory Commission (Grant of Connectivity, Long-term Access and Medium-term Open Access and related matters) Regulations, 2009, as amended from time to time, subject to ceiling of Cap rates corresponding to the main fuel used for such injection as specified below: Domestic coal/ Lignite/Hydro Rs 1.78 / kWh sent out APM gas as fuel Rs 2.82/ kWh sent out up to 31.3.2014 and thereafter, Rs 5.64/ kWh sent out Imported Coal Rs 3.03 / kWh sent out RLNG Rs 8.24 / kWh sent out</p> <p>3. Charges for Deviation of Inter-regional Exchange between the two asynchronously inter-connected Regions shall be computed by the respective Regional Power Committee, based on Charges for Deviation as per the frequency of the respective Region. The amount to be settled for the inter-regional exchanges shall be average of the Charges for Deviation computed for the two regions by way of such inter-change.</p>												
2.	<b>Scheduling</b>	<p>The wind or solar generators which are regional entities shall be paid as per schedule. In the event of actual generation being less than the scheduled generation, the deviation charges for shortfall in generation shall be payable by such wind or solar generator to the Regional DSM Pool as given in Table – 1 below:</p> <p style="text-align: center;"><b>Deviation Charges in case of under injection</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sr. No.</th> <th style="text-align: center;">Absolute Error in the 15-minute time block</th> <th style="text-align: center;">Deviation Charges payable to Regional DSM Pool</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">&lt; = 15%</td> <td style="text-align: center;">At the Fixed Rate for the shortfall energy for absolute error upto 15%</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">&gt;15% but &lt;= 25%</td> <td style="text-align: center;">At the Fixed Rate for the shortfall energy for absolute error upto 15% + 110% of the Fixed Rate for balance energy beyond 15% and upto 25%</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">&gt;25% but &lt;=35%</td> <td style="text-align: center;">At the Fixed Rate for the shortfall energy for absolute error upto 15% + 110% of the Fixed Rate for balance energy beyond 15% and upto 25% + 120% of the Fixed Rate for balance energy beyond 25% and upto 35%</td> </tr> </tbody> </table>	Sr. No.	Absolute Error in the 15-minute time block	Deviation Charges payable to Regional DSM Pool	1	< = 15%	At the Fixed Rate for the shortfall energy for absolute error upto 15%	2	>15% but <= 25%	At the Fixed Rate for the shortfall energy for absolute error upto 15% + 110% of the Fixed Rate for balance energy beyond 15% and upto 25%	3	>25% but <=35%	At the Fixed Rate for the shortfall energy for absolute error upto 15% + 110% of the Fixed Rate for balance energy beyond 15% and upto 25% + 120% of the Fixed Rate for balance energy beyond 25% and upto 35%
Sr. No.	Absolute Error in the 15-minute time block	Deviation Charges payable to Regional DSM Pool												
1	< = 15%	At the Fixed Rate for the shortfall energy for absolute error upto 15%												
2	>15% but <= 25%	At the Fixed Rate for the shortfall energy for absolute error upto 15% + 110% of the Fixed Rate for balance energy beyond 15% and upto 25%												
3	>25% but <=35%	At the Fixed Rate for the shortfall energy for absolute error upto 15% + 110% of the Fixed Rate for balance energy beyond 15% and upto 25% + 120% of the Fixed Rate for balance energy beyond 25% and upto 35%												

		4	> 35%	At the Fixed Rate for the shortfall energy for absolute error upto 15% + 110% of the Fixed Rate for balance energy beyond 15% and upto 25% + 120% of the Fixed Rate for balance energy beyond 25% and upto 35% + 130% of the Fixed Rate for balance energy beyond 35%
		<b>Deviation Charges in case of over injection</b>		
		<b>Sr. No.</b>	<b>Absolute Error in the 15-minute time block</b>	<b>Deviation Charges payable</b>
		1	< = 15%	At the Fixed Rate for excess energy upto 15%
		2	>15% but <= 25%	At the Fixed Rate for excess energy upto 15% + 90% of the Fixed Rate for excess energy beyond 15% and upto 25%
		3	>25% but <=35%	At the Fixed Rate for excess energy upto 15% + 90% of the Fixed Rate for excess energy beyond 15% and upto 25% + 80% of the Fixed Rate for excess energy beyond 25% and upto 35%
		4	> 35%	At the Fixed Rate for excess energy upto 15% + 90% of the Fixed Rate for excess energy beyond 15% and upto 25% + 80% of the Fixed Rate for excess energy beyond 25% and upto 35% + 70% of the Fixed Rate for excess energy beyond 35%
<b>3.</b>	<b>Limits on Deviation volume</b>	<ol style="list-style-type: none"> <li>1. The over-drawals / under drawals of electricity by any buyer during a time block shall not exceed 12% of its scheduled drawal or 150 MW, whichever is lower, when grid frequency is 49.70 Hz and above.</li> <li>2. The under-injection / over-injection of electricity by a seller during a time-block shall not exceed 12% of the scheduled injection of such seller or 150 MW, whichever is lower when frequency is 49.70 Hz and above.</li> </ol>		