

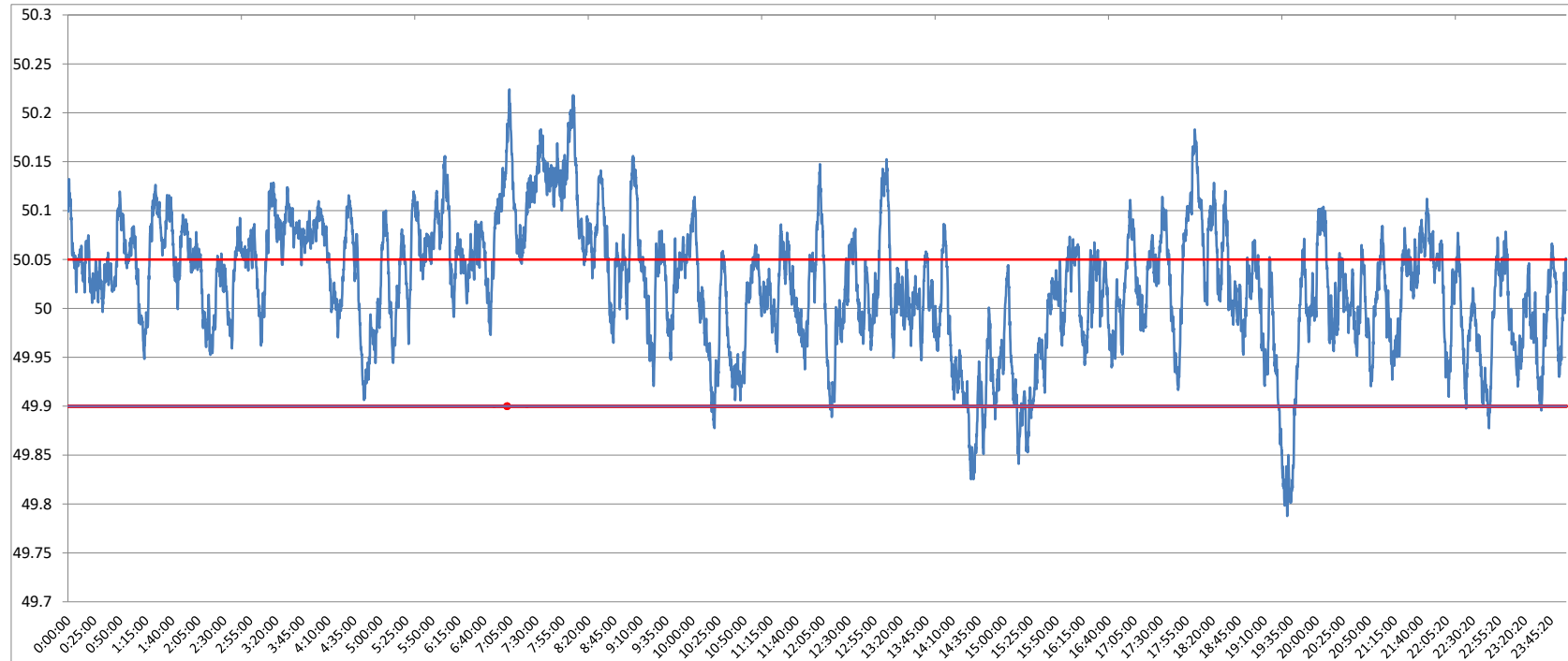


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

27-May-17



<49.2	<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2
0	0.00	3.19	19.29	0.05	3.15	30.15	56.01	10.39	60.51	99.75	30.68	25.75	66.62	50.02	36.30	0.25

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.048</b>	<b>Standard Deviation :</b>	<b>0.065</b>
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<b>Instantaneous Frequency</b>	
<b>Max</b>	<b>50.22 7:04:10</b>
<b>Min</b>	<b>49.79 19:31:40</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.147</b>	<b>7:45:00</b>
<b>Min</b>	<b>49.878</b>	<b>19:45:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>133</b>
<b>No. of excursion below 49.97 Hz</b>	<b>86</b>
<b>No. of excursion above 50.00 Hz</b>	<b>138</b>
<b>No. of excursion below 50.00 Hz</b>	<b>138</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:14</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:05:25</b>
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