

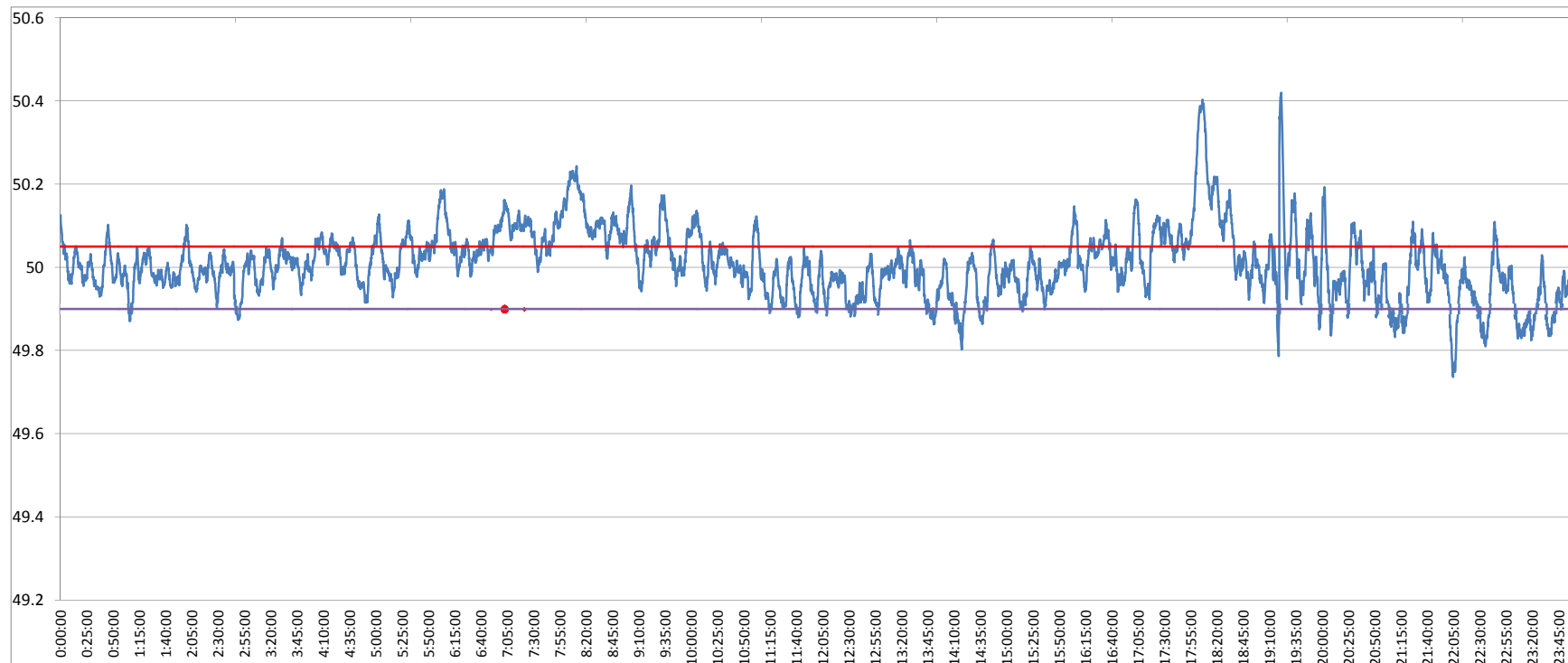


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

24-May-15



<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	7.89	29.84	0.29	7.60	40.00	40.46	9.70	65.69	98.06	34.48	14.84	52.03	35.68	26.41	1.94

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.068</b>	<b>Standard Deviation :</b>	<b>0.082</b>
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<b>Instantaneous Frequency</b>	
<b>Max</b>	<b>50.42 19:21:00</b>
<b>Min</b>	<b>49.74 22:04:20</b>

<b>15 minute average Frequency</b>	
<b>Max</b>	<b>50.292 18:15:00</b>
<b>Min</b>	<b>49.871 23:15:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>112</b>
<b>No. of excursion below 49.97 Hz</b>	<b>125</b>
<b>No. of excursion above 50.00 Hz</b>	<b>148</b>
<b>No. of excursion below 50.00 Hz</b>	<b>148</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:26</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:35</b>
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