

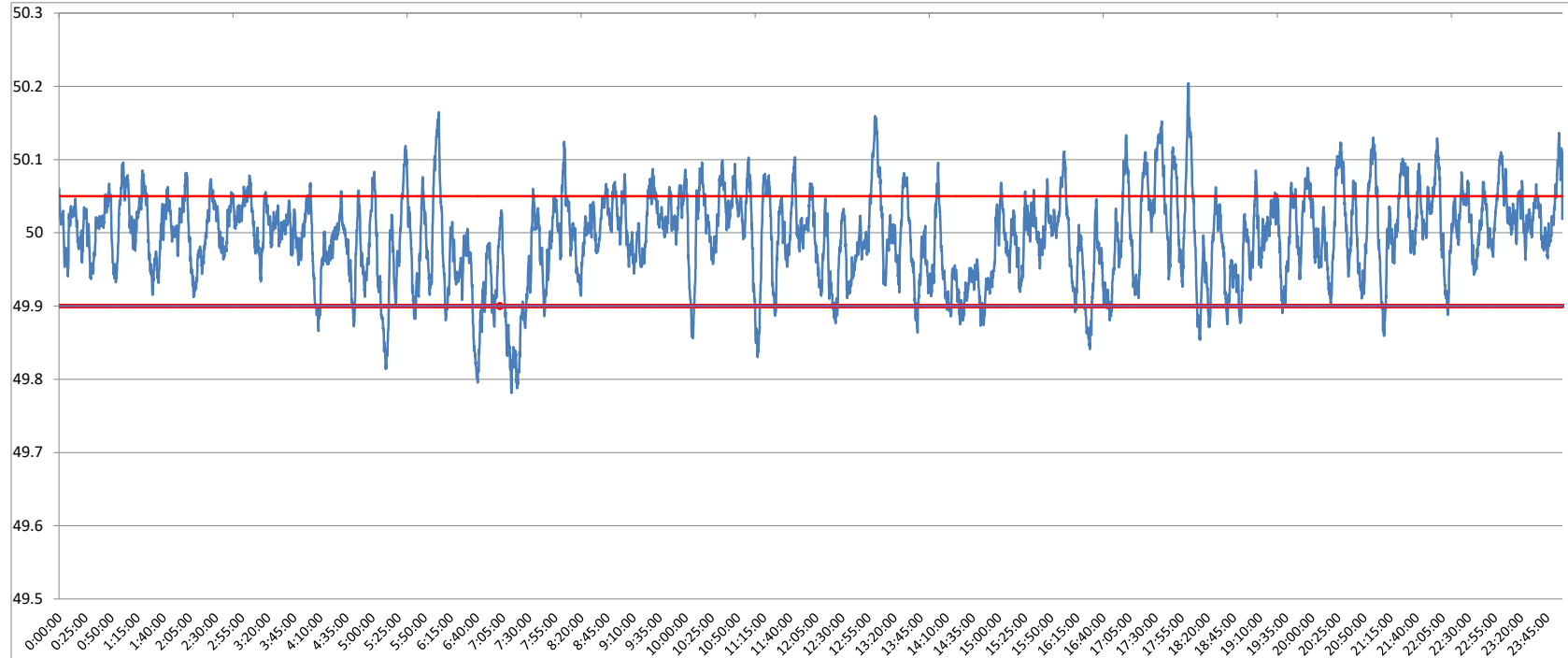


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

08-Feb-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	7.11	31.84	0.17	6.93	42.86	47.03	2.97	75.89	99.97	39.86	14.04	49.92	28.30	17.00	0.03

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.037</b>	<b>Standard Deviation :</b>	<b>0.061</b>
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Instantaneous Frequency		
Max	50.2	18:01:40
Min	49.78	7:13:10

15 minute average Frequency		
Max	50.064	17:45:00
Min	49.865	7:30:00

No. of excursion above 50.03 Hz	152
No. of excursion below 49.97 Hz	135
No. of excursion above 50.00 Hz	172
No. of excursion below 50.00 Hz	165

Average time freq remains below 49.97 per excursion	0:03:24	Average time frequency remains above 50.03 per excursion	0:02:41
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