

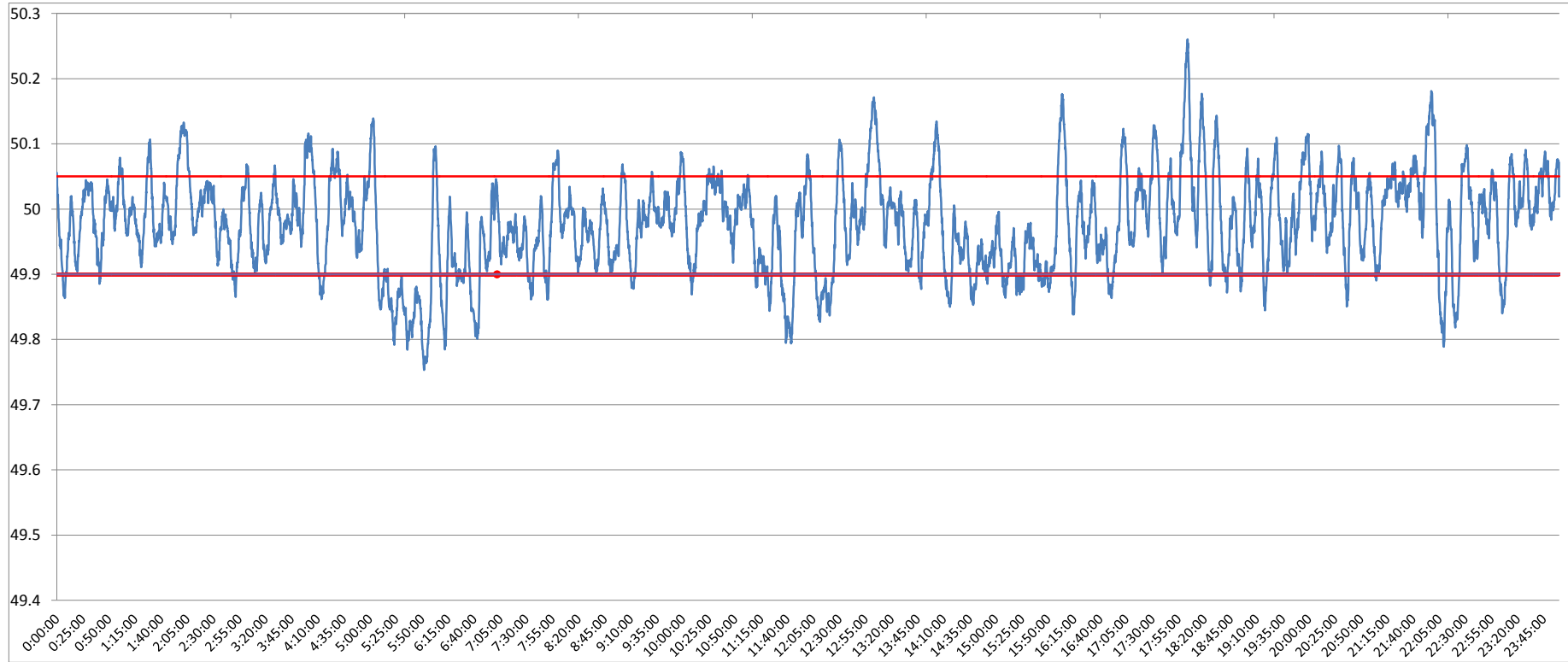


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

23-Feb-16



<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	15.07	44.58	0.74	14.33	46.54	33.82	4.32	69.72	99.75	32.50	10.66	38.30	22.92	15.21	0.25

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.059</b>	<b>Standard Deviation :</b>	<b>0.074</b>
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Instantaneous Frequency	
Max	50.261 18:03:40
Min	49.75 5:52:00

15 minute average Frequency	
Max	50.093 18:15:00
Min	49.823 6:00:00

No. of excursion above 50.03 Hz	102
No. of excursion below 49.97 Hz	134
No. of excursion above 50.00 Hz	124
No. of excursion below 50.00 Hz	125

Average time freq remains below 49.97 per excursion	0:04:47	Average time frequency remains above 50.03 per excursion	0:03:14
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