

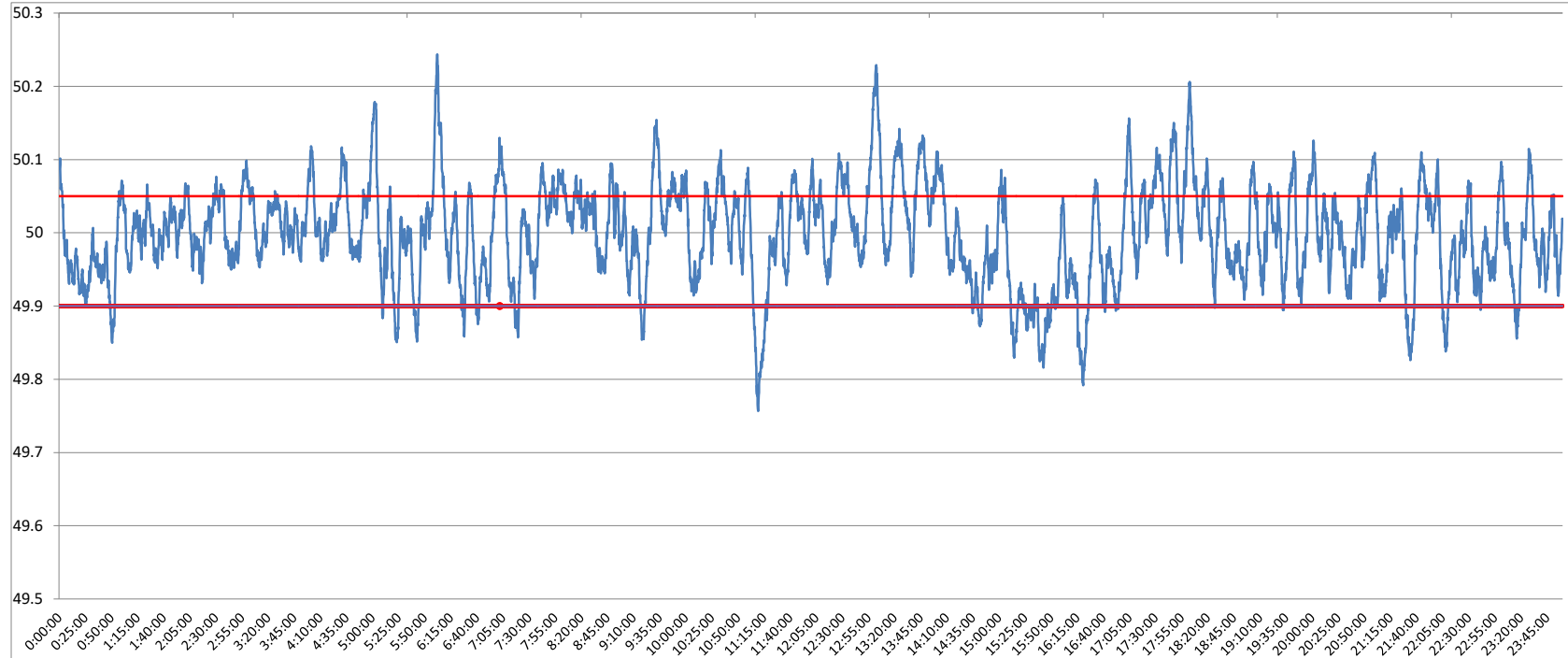


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

23-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	7.43	33.31	0.24	7.19	42.58	44.85	4.83	70.28	99.69	33.48	17.27	49.91	33.21	22.29	0.31

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.045</b>	<b>Standard Deviation :</b>	<b>0.067</b>
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Instantaneous Frequency		
Max	50.24	6:02:00
Min	49.76	11:09:20

15 minute average Frequency		
Max	50.084	18:15:00
Min	49.870	15:45:00

No. of excursion above 50.03 Hz	131
No. of excursion below 49.97 Hz	143
No. of excursion above 50.00 Hz	138
No. of excursion below 50.00 Hz	136

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:21</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:39</b>
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