

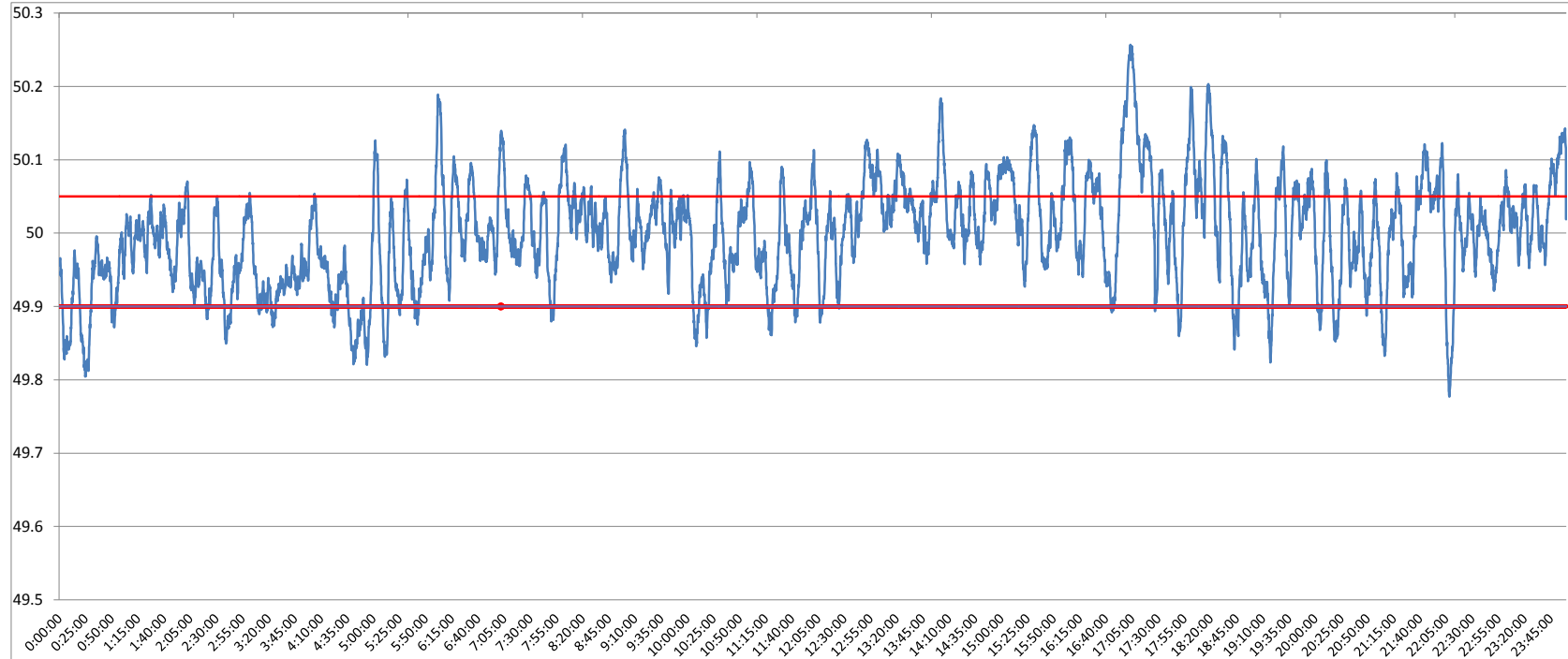


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

28-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	9.10	35.15	0.13	8.97	40.63	43.00	6.74	67.44	99.46	30.95	16.27	50.19	33.90	23.46	0.54

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.053</b>	<b>Standard Deviation :</b>	<b>0.073</b>
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Instantaneous Frequency	
Max	50.26 17:03:20
Min	49.78 22:08:10

15 minute average Frequency		
Max	50.177	17:15:00
Min	49.873	0:30:00

No. of excursion above 50.03 Hz	134
No. of excursion below 49.97 Hz	117
No. of excursion above 50.00 Hz	125
No. of excursion below 50.00 Hz	125

Average time freq remains below 49.97 per excursion	0:04:20	Average time frequency remains above 50.03 per excursion	0:03:39
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