

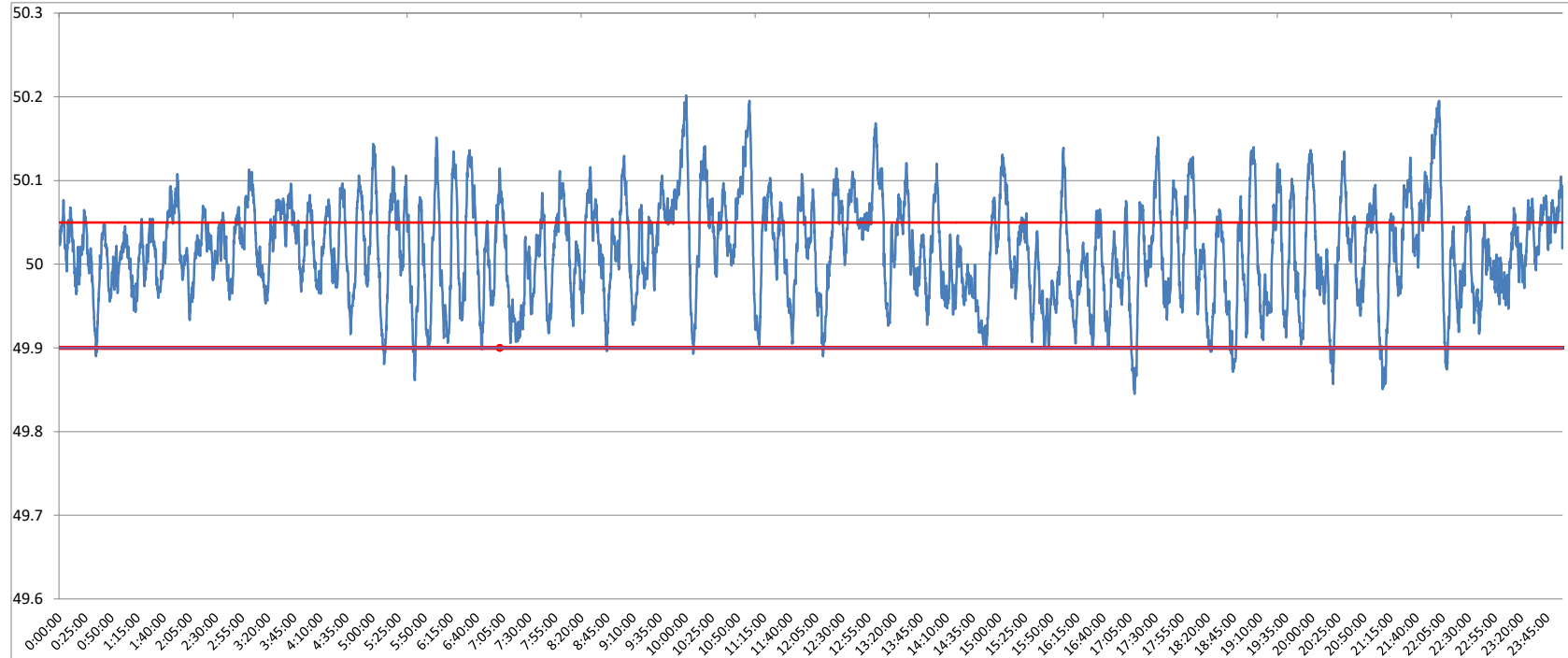


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

15-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	2.09	23.19	0.00	2.09	37.53	52.99	7.37	67.04	99.99	34.26	23.56	60.29	42.55	30.87	0.01

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.038</b>	<b>Standard Deviation :</b>	<b>0.060</b>
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Instantaneous Frequency		
Max	50.2	10:00:30
Min	49.84	17:10:00

15 minute average Frequency		
Max	50.106	22:00:00
Min	49.944	21:15:00

No. of excursion above 50.03 Hz	152
No. of excursion below 49.97 Hz	119
No. of excursion above 50.00 Hz	146
No. of excursion below 50.00 Hz	144

Average time freq remains below 49.97 per excursion	0:02:48	Average time frequency remains above 50.03 per excursion	0:04:02
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