

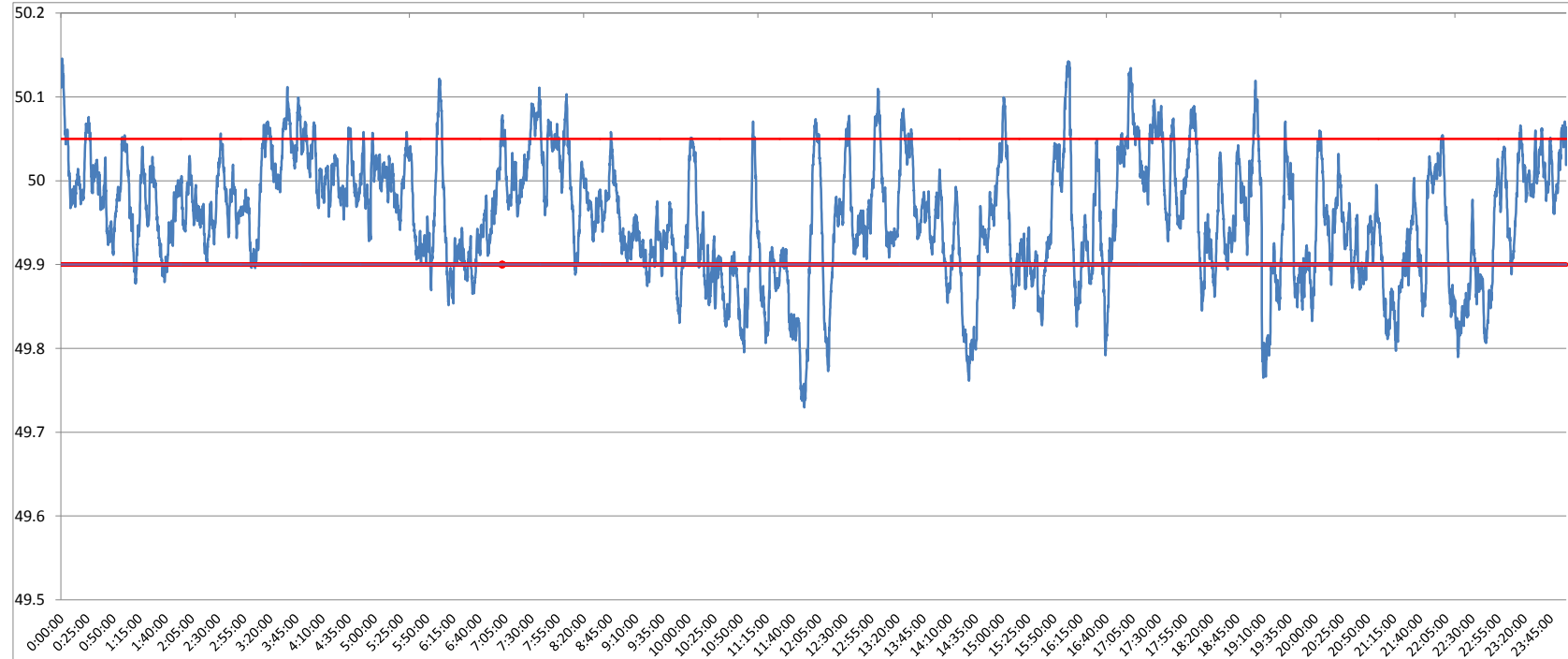


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

02-Jun-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	21.32	54.50	1.54	19.78	48.40	29.24	1.04	68.74	100.00	28.13	8.92	30.20	17.37	9.94	0.00

<b>Average Frequency</b>	<b>49.96</b>	<b>Frequency Variation Index :</b>	<b>0.069</b>	<b>Standard Deviation :</b>	<b>0.072</b>
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Instantaneous Frequency	
Max	50.15 0:01:00
Min	49.73 11:51:00

15 minute average Frequency		
Max	50.064	17:15:00
Min	49.830	12:00:00

No. of excursion above 50.03 Hz	91
No. of excursion below 49.97 Hz	110
No. of excursion above 50.00 Hz	118
No. of excursion below 50.00 Hz	115

Average time freq remains below 49.97 per excursion	0:07:08	Average time frequency remains above 50.03 per excursion	0:02:45
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