

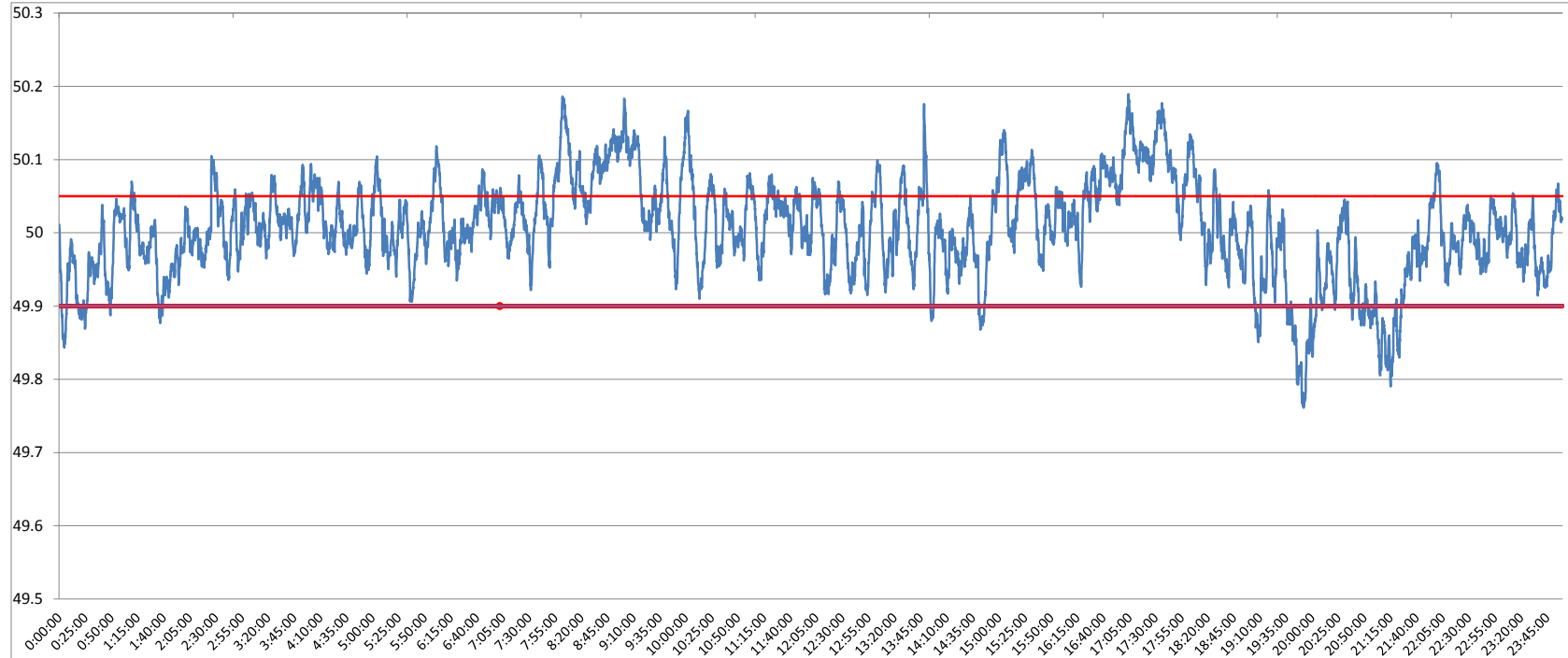


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

12-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	6.47	26.42	0.36	6.11	38.55	47.21	7.77	69.38	100.00	38.30	16.44	54.91	35.28	24.16	0.00

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.044</b>	<b>Standard Deviation :</b>	<b>0.066</b>
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Instantaneous Frequency	
Max	50.19 17:04:10
Min	49.76 19:52:00

15 minute average Frequency		
Max	50.135	17:45:00
Min	49.819	20:00:00

No. of excursion above 50.03 Hz	129
No. of excursion below 49.97 Hz	125
No. of excursion above 50.00 Hz	164
No. of excursion below 50.00 Hz	166

Average time freq remains below 49.97 per excursion	0:03:03	Average time frequency remains above 50.03 per excursion	0:03:56
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