

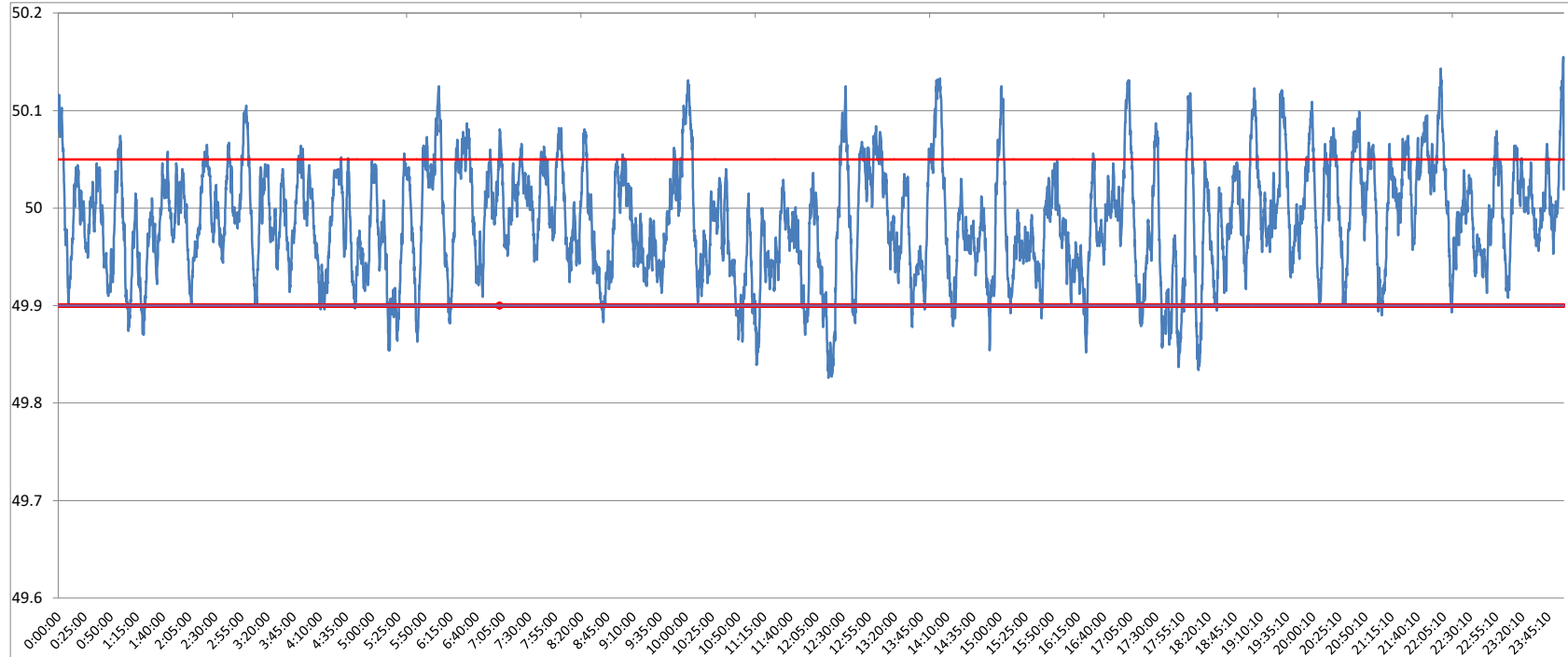


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NEHU:Frequency

National Grid Frequency Profile for

07-Oct-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	6.02	38.83	0.00	6.02	52.00	39.71	2.27	80.88	100.00	36.83	11.37	40.46	24.34	13.10	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.034</b>	<b>Standard Deviation :</b>	<b>0.056</b>
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Instantaneous Frequency	
Max	50.16 23:59:30
Min	49.83 12:16:40

15 minute average Frequency	
Max	50.057 22:00:00
Min	49.907 5:30:00

No. of excursion above 50.03 Hz	109
No. of excursion below 49.97 Hz	141
No. of excursion above 50.00 Hz	115
No. of excursion below 50.00 Hz	109

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:58</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:13</b>
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