

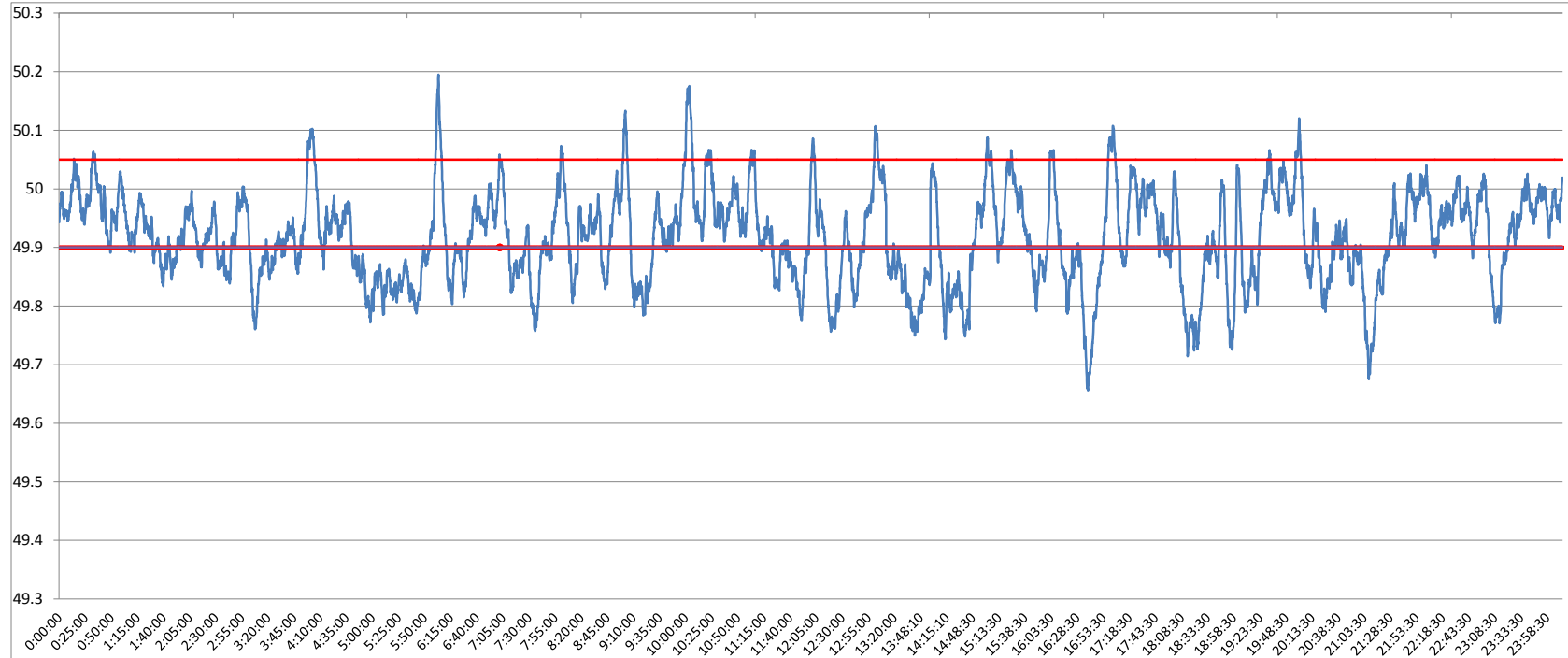


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

14-Sep-15



<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	0.41	41.39	74.50	7.28	33.70	44.36	13.28	0.97	54.11	99.59	18.11	3.55	14.19	7.38	4.50	0.00

<b>Average Frequency</b>	<b>49.92</b>	<b>Frequency Variation Index :</b>	<b>0.133</b>	<b>Standard Deviation :</b>	<b>0.080</b>
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Instantaneous Frequency		
Max	50.2	6:03:10
Min	49.66	16:38:50

15 minute average Frequency			
Max	50.042	10:15:00	
Min	49.763	18:15:00	

No. of excursion above 50.03 Hz	46
No. of excursion below 49.97 Hz	108
No. of excursion above 50.00 Hz	75
No. of excursion below 50.00 Hz	72

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:09:56</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:19</b>
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