

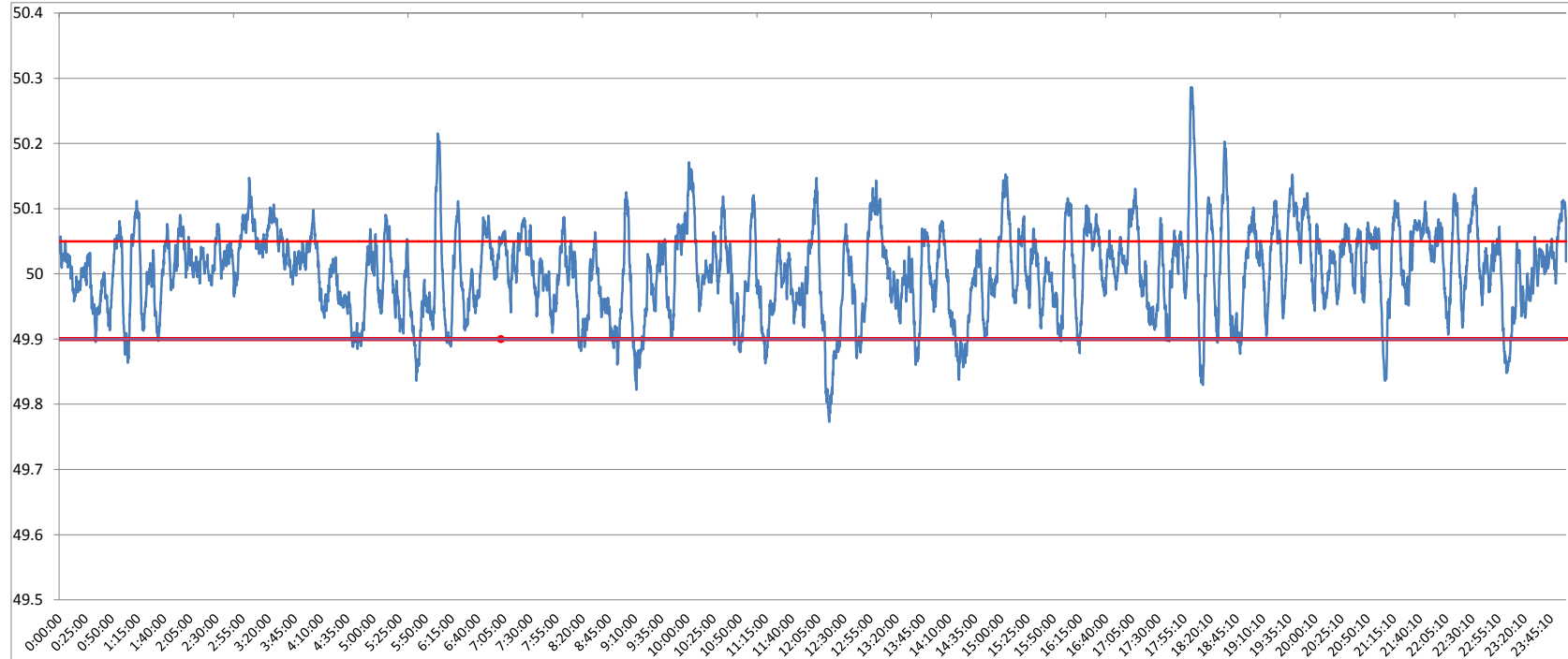


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

22-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	0.00	6.97	30.14	0.16	6.81	38.89	48.26	5.49	68.19	99.61	33.75	19.09	54.04	36.11	24.84	0.39

<b>Average Frequency</b>	<b>50.00</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	50.29 18:02:10
Min	49.77 12:15:30

15 minute average Frequency	
Max	50.075 19:45:00
Min	49.883 12:30:00

No. of excursion above 50.03 Hz	155
No. of excursion below 49.97 Hz	115
No. of excursion above 50.00 Hz	137
No. of excursion below 50.00 Hz	138

Average time freq remains below 49.97 per excursion	0:03:46	Average time frequency remains above 50.03 per excursion	0:03:21
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