

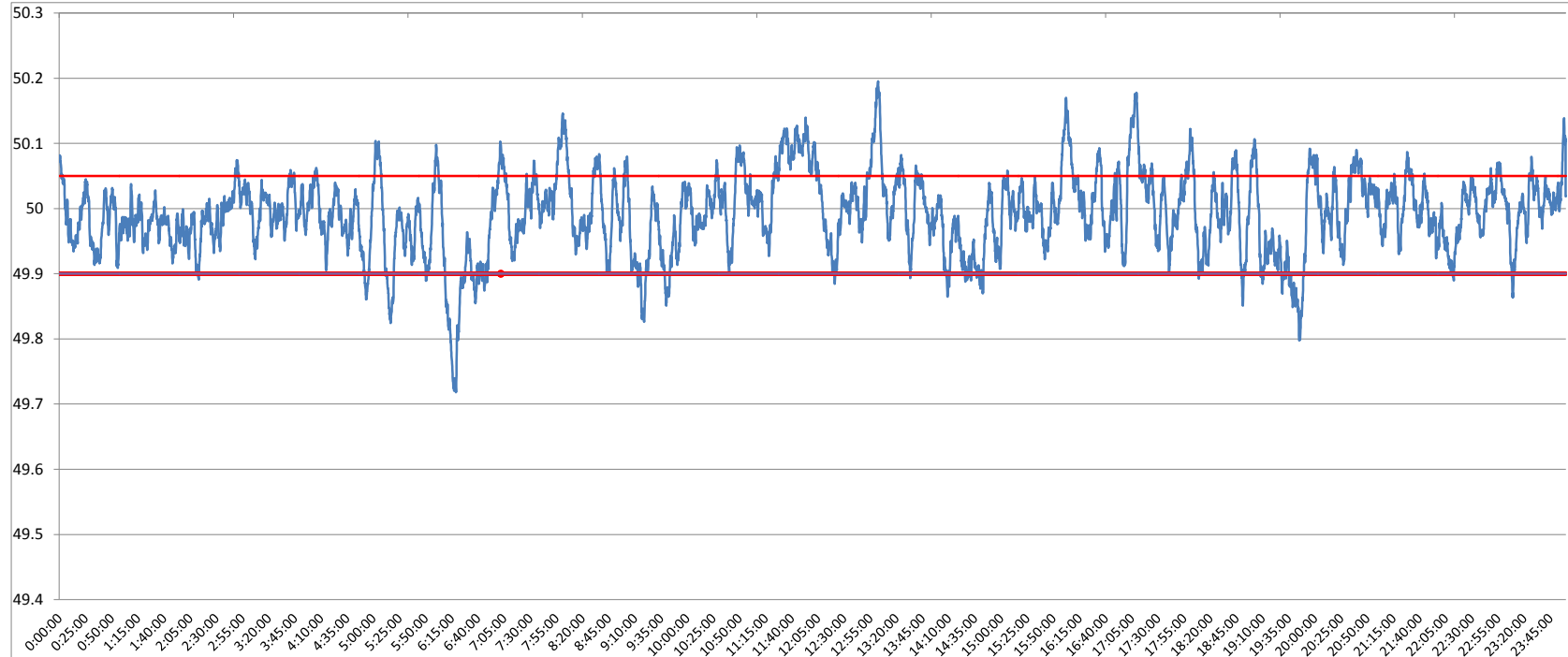


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

18-Aug-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	6.17	33.54	0.49	5.68	48.45	41.79	3.59	78.68	100.00	41.88	11.62	45.31	24.58	15.15	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.038</b>	<b>Standard Deviation :</b>	<b>0.061</b>
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Instantaneous Frequency	
Max	50.2 13:02:30
Min	49.72 6:19:00

15 minute average Frequency	
Max	50.105 17:15:00
Min	49.830 6:30:00

No. of excursion above 50.03 Hz	135
No. of excursion below 49.97 Hz	147
No. of excursion above 50.00 Hz	148
No. of excursion below 50.00 Hz	146

Average time freq remains below 49.97 per excursion	0:03:17	Average time frequency remains above 50.03 per excursion	0:02:37
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