

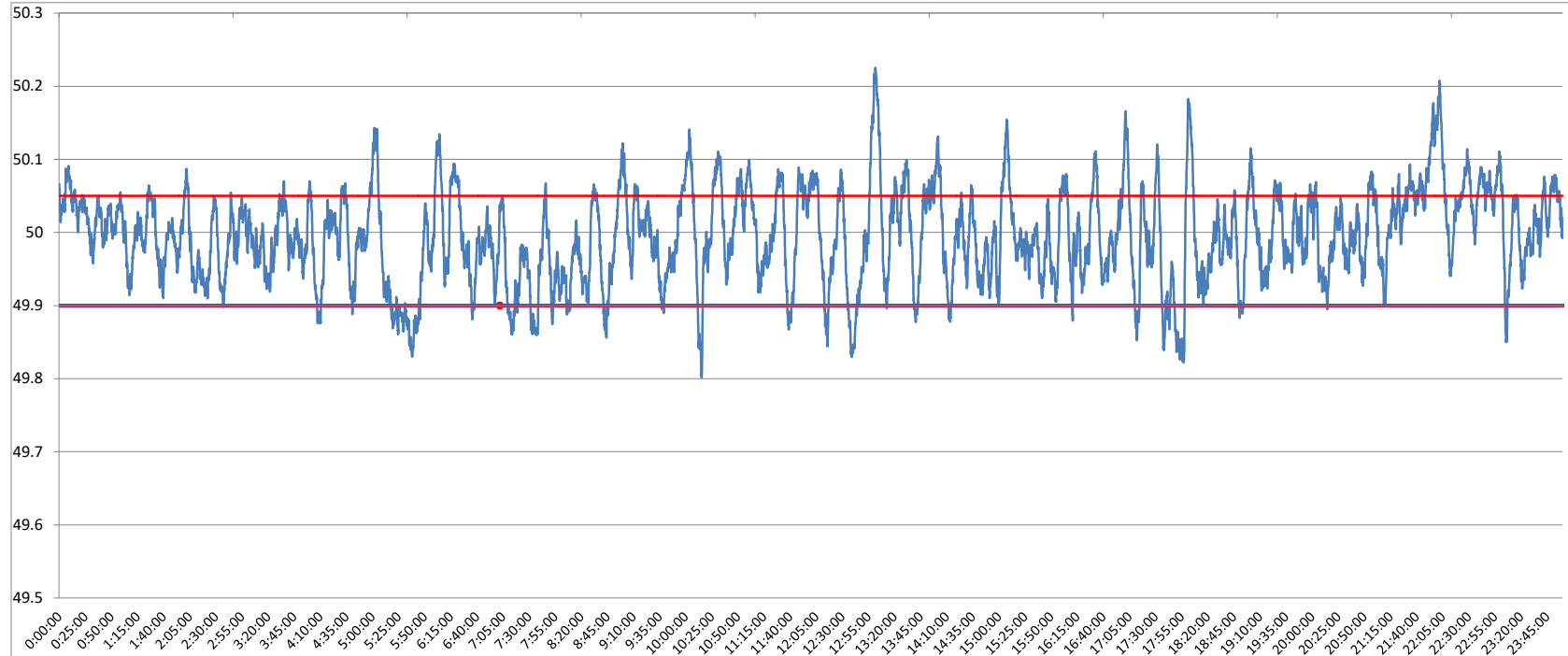


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

08-Nov-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	7.63	35.53	0.00	7.63	46.52	41.81	3.83	72.43	99.78	33.96	15.93	45.82	30.51	19.94	0.22

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.041</b>	<b>Standard Deviation :</b>	<b>0.064</b>
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Instantaneous Frequency		
Max	50.23	13:01:50
Min	49.80	10:15:20

15 minute average Frequency		
Max	50.101	22:00:00
Min	49.869	5:45:00

No. of excursion above 50.03 Hz	135
No. of excursion below 49.97 Hz	142
No. of excursion above 50.00 Hz	144
No. of excursion below 50.00 Hz	143

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:36</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:15</b>
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