

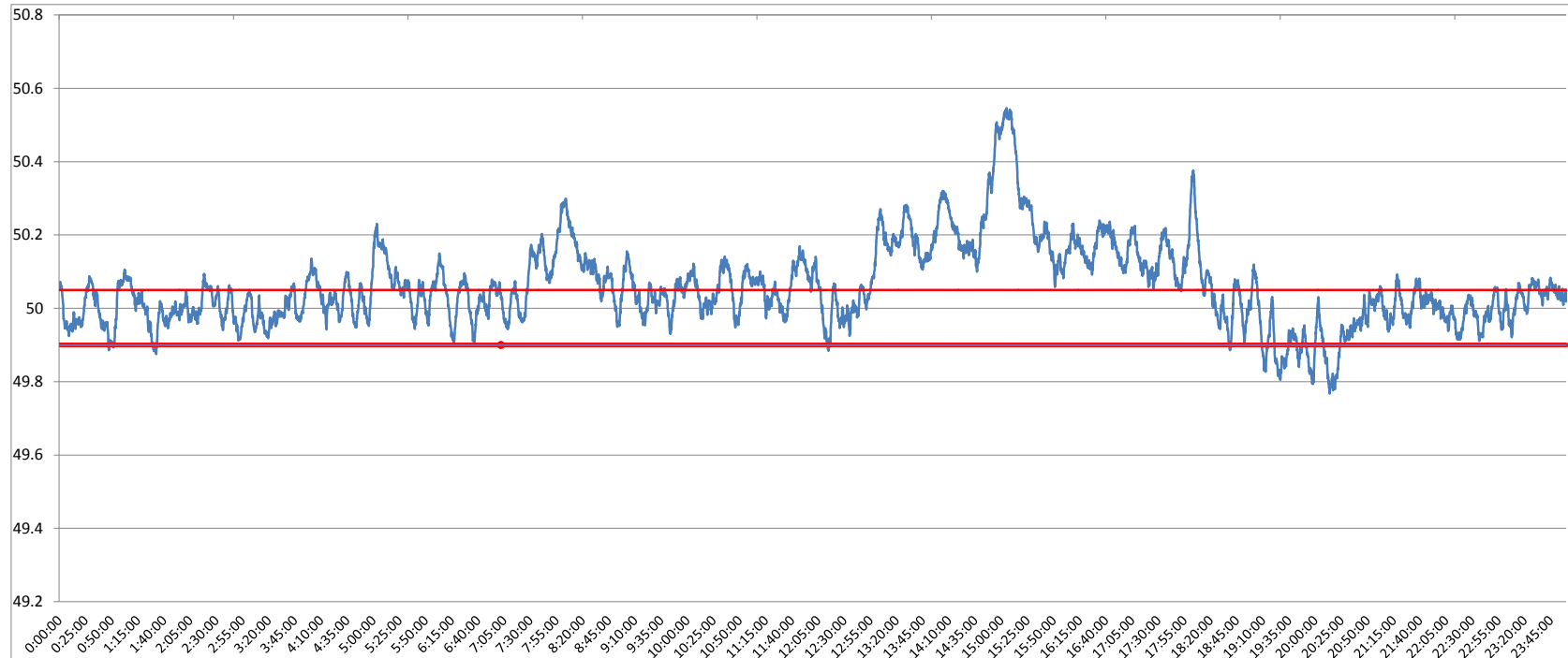


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

13-Jun-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	3.95	19.02	0.45	3.50	28.02	39.09	19.06	49.06	90.12	25.49	18.15	68.01	55.50	46.99	9.88

<b>Average Frequency</b>	<b>50.06</b>	<b>Frequency Variation Index :</b>	<b>0.161</b>	<b>Standard Deviation :</b>	<b>0.112</b>
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Instantaneous Frequency	
Max	50.55 15:05:10
Min	49.77 20:13:50

15 minute average Frequency		
Max	50.501	15:15:00
Min	49.863	20:30:00

No. of excursion above 50.03 Hz	94
No. of excursion below 49.97 Hz	110
No. of excursion above 50.00 Hz	106
No. of excursion below 50.00 Hz	105

Average time freq remains below 49.97 per excursion	0:02:29	Average time frequency remains above 50.03 per excursion	0:08:30
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