

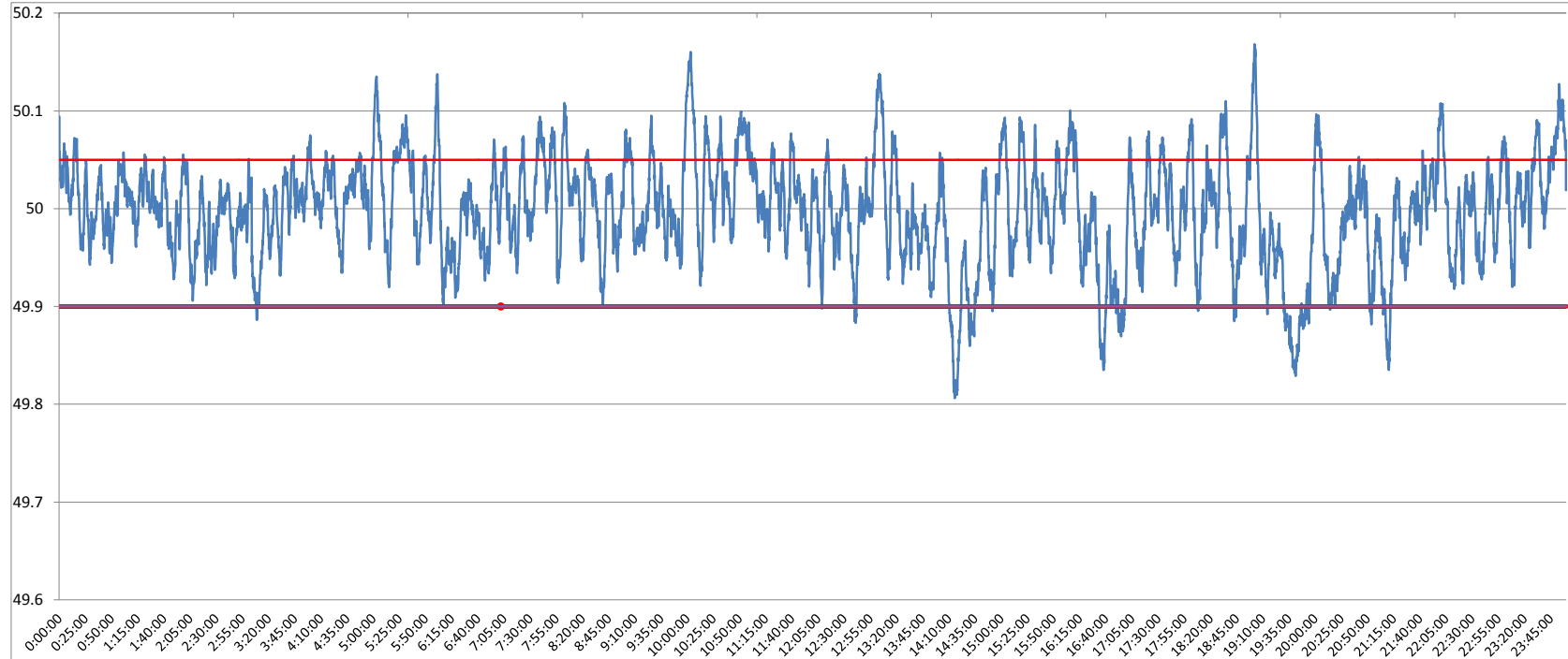


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

28-Jun-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	4.57	28.66	0.00	4.57	44.70	48.62	2.11	79.66	100.00	44.75	13.76	50.67	26.60	15.76	0.00

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.029</b>	<b>Standard Deviation :</b>	<b>0.054</b>
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Instantaneous Frequency	
Max	50.17 19:02:00
Min	49.81 14:15:30

15 minute average Frequency		
Max	50.079	0:00:00
Min	49.864	19:45:00

No. of excursion above 50.03 Hz	148
No. of excursion below 49.97 Hz	139
No. of excursion above 50.00 Hz	187
No. of excursion below 50.00 Hz	186

Average time freq remains below 49.97 per excursion	0:02:58	Average time frequency remains above 50.03 per excursion	0:02:35
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