

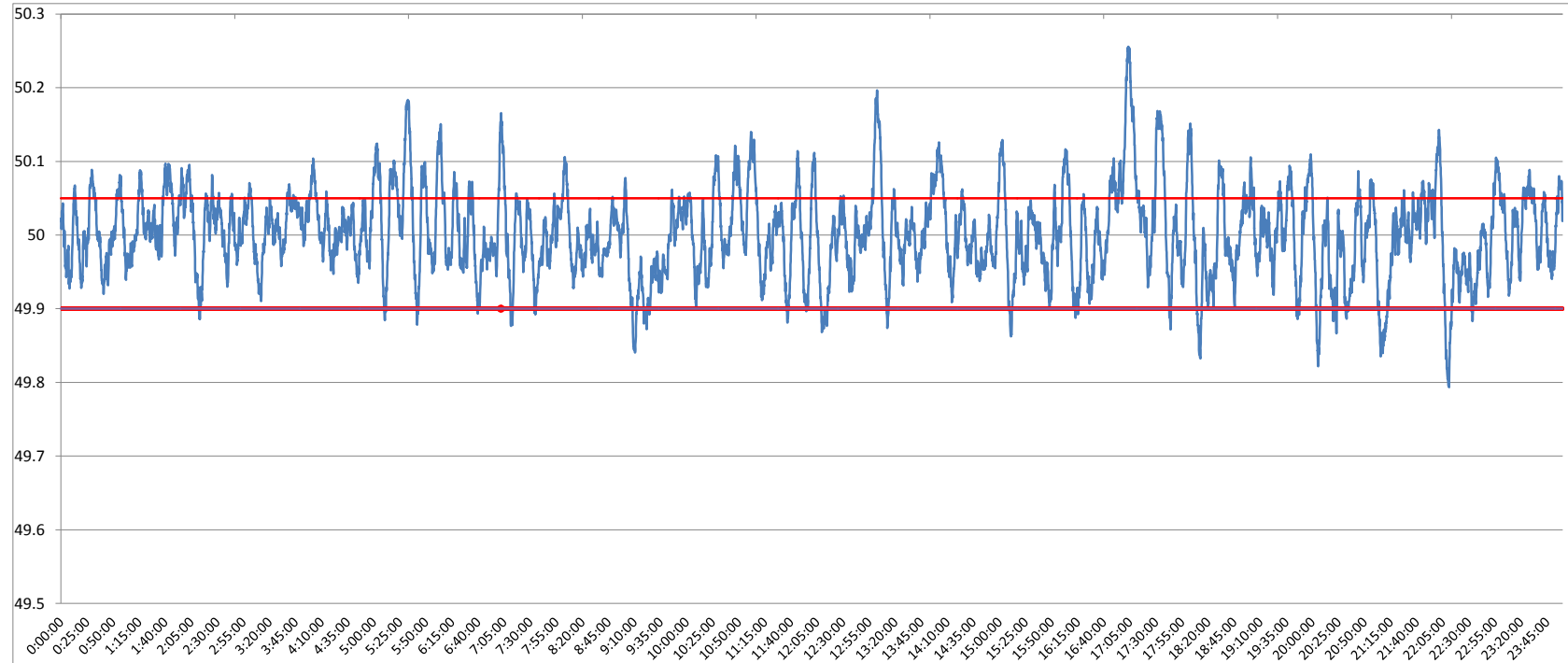


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

28-Dec-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	4.20	29.02	0.05	4.16	45.35	45.54	4.59	76.33	99.69	40.22	14.62	50.42	30.76	19.47	0.31

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.037</b>	<b>Standard Deviation :</b>	<b>0.060</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.26 17:03:30	Max	50.146 17:15:00	164		150	
Min	49.79 22:11:00	Min	49.902 21:15:00	181		181	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:47</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:42</b>
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