

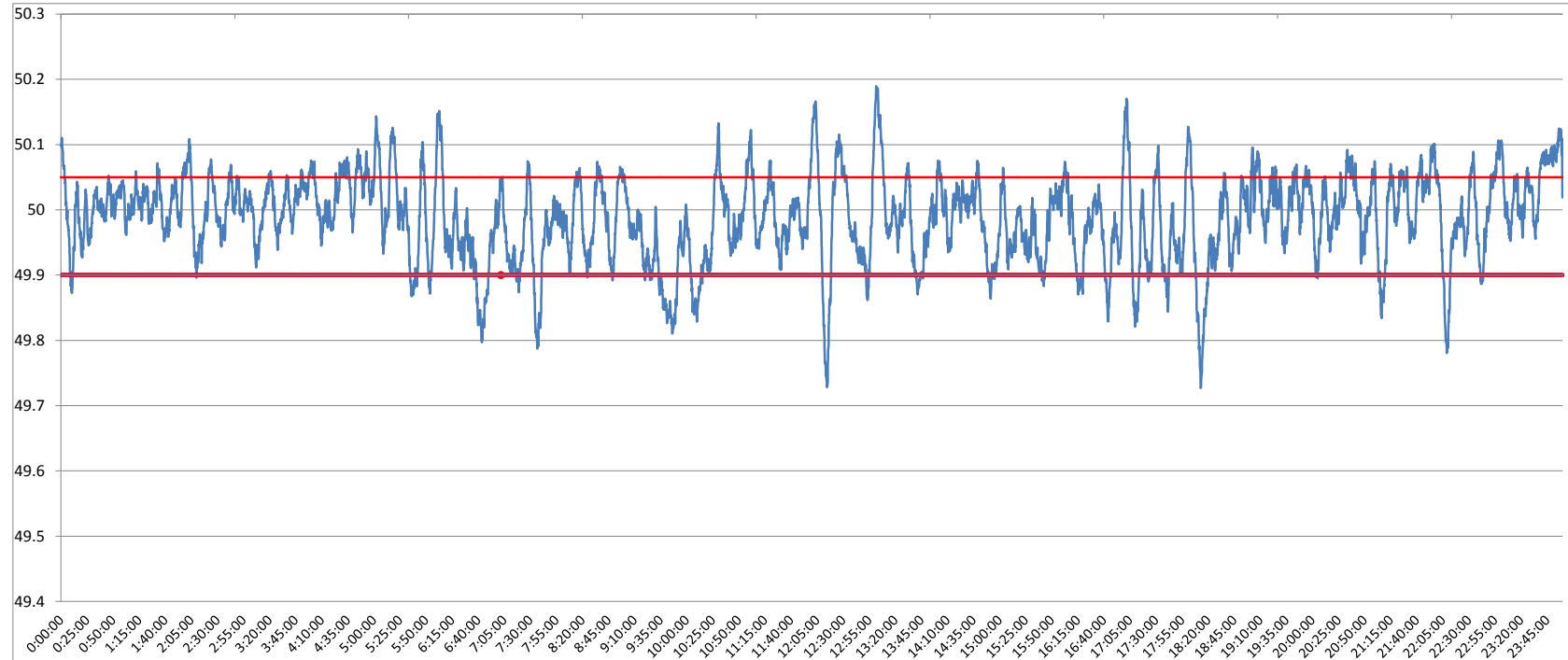


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

05-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	9.63	36.82	0.80	8.83	45.68	41.62	3.07	74.06	100.00	36.83	13.32	44.68	26.35	16.31	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.045</b>	<b>Standard Deviation :</b>	<b>0.066</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		No. of excursion above 50.00 Hz		No. of excursion below 50.00 Hz	
Max	50.19	13:01:40	Max	50.089	0:00:00						
Min	49.73	18:13:00	Min	49.880	9:45:00						

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:56</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:44</b>
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