

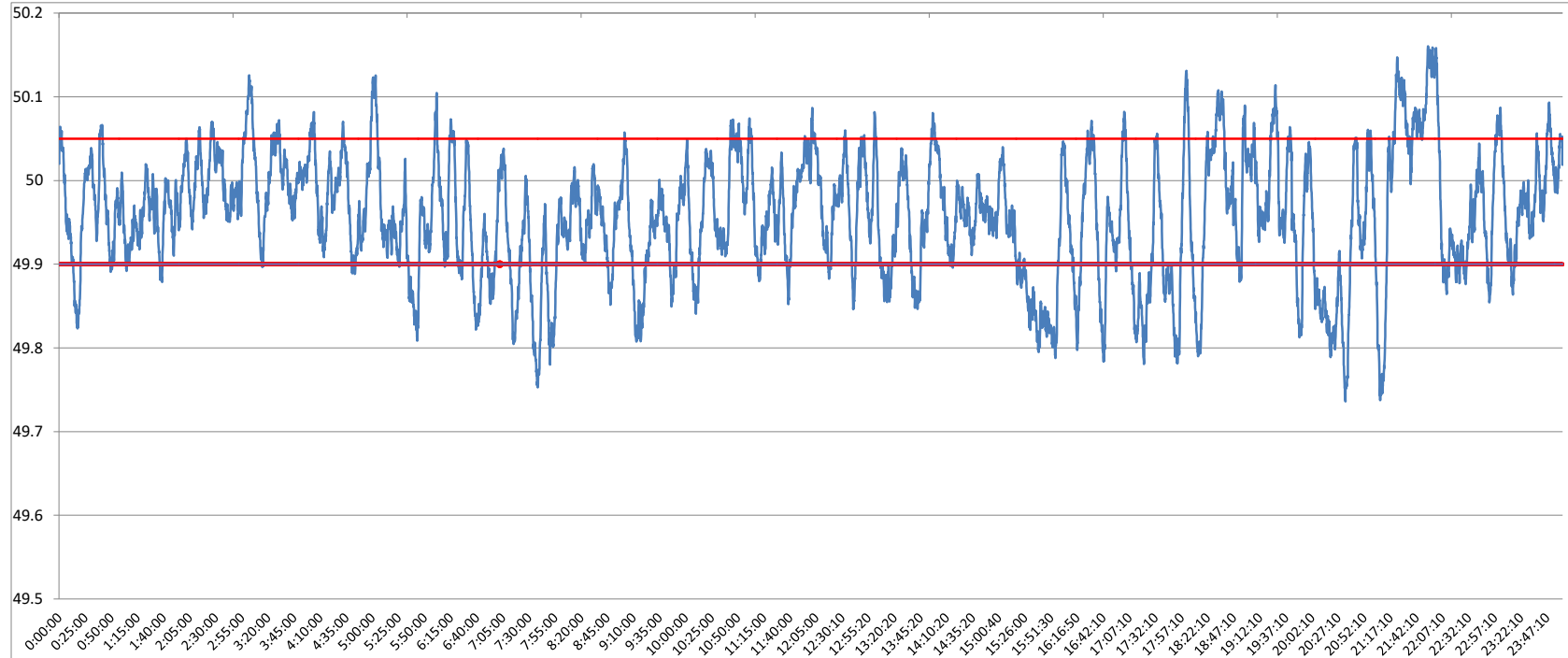


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VINDHYACHAL:Frequency

National Grid Frequency Profile for

14-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	21.30	55.60	1.79	19.50	49.29	27.33	2.08	68.83	100.00	26.90	7.84	29.40	17.50	9.87	0.00

<b>Average Frequency</b>	<b>49.96</b>	<b>Frequency Variation Index :</b>	<b>0.074</b>	<b>Standard Deviation :</b>	<b>0.074</b>
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Instantaneous Frequency	
Max	50.16 21:53:10
Min	49.74 20:34:00

15 minute average Frequency		
Max	50.122	22:00:00
Min	49.835	15:45:00

No. of excursion above 50.03 Hz	86
No. of excursion below 49.97 Hz	135
No. of excursion above 50.00 Hz	109
No. of excursion below 50.00 Hz	108

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:05:56</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:56</b>
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