

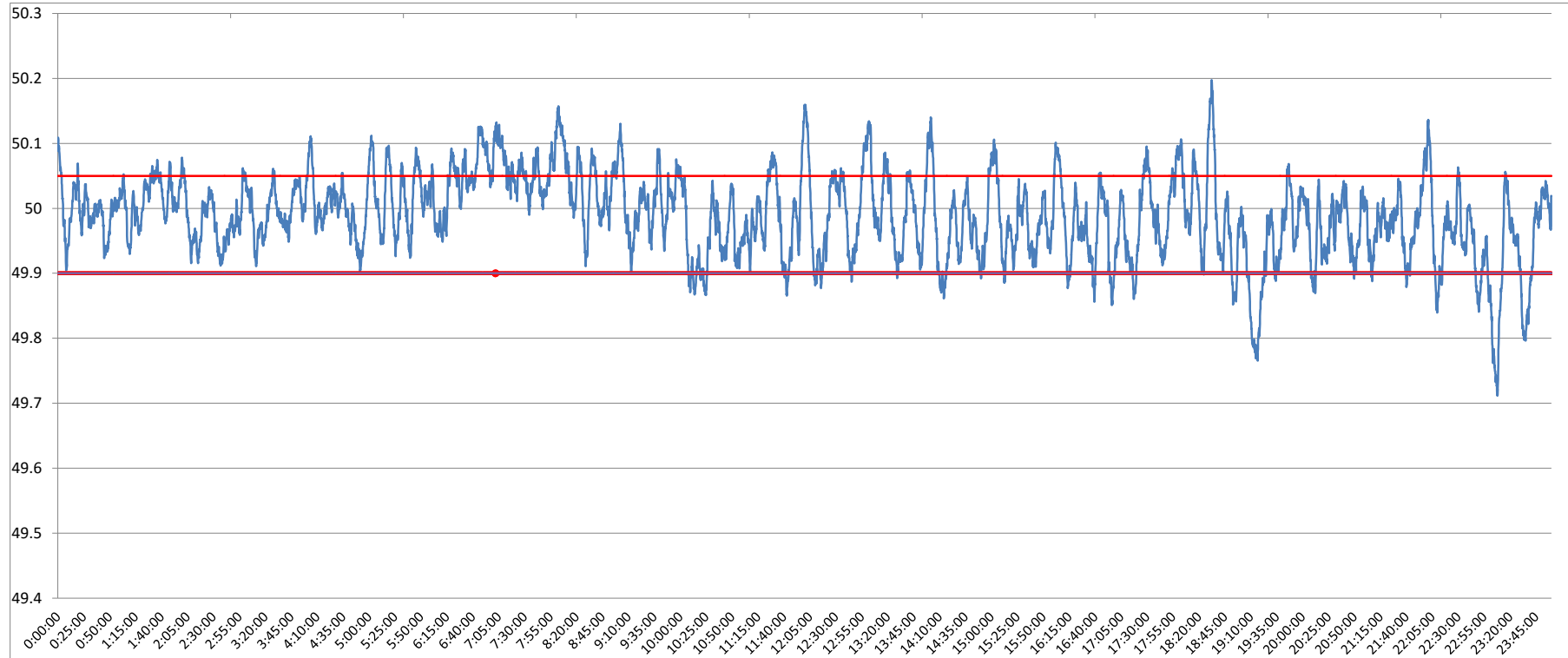


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

19-Apr-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	7.56	36.57	0.90	6.66	48.19	40.74	3.51	75.65	100.00	37.25	13.37	44.12	26.18	16.79	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.042</b>	<b>Standard Deviation :</b>	<b>0.064</b>
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Instantaneous Frequency	
Max	50.2 18:32:20
Min	49.71 23:07:40

15 minute average Frequency	
Max	50.095 8:15:00
Min	49.831 23:15:00

No. of excursion above 50.03 Hz	117
No. of excursion below 49.97 Hz	138
No. of excursion above 50.00 Hz	152
No. of excursion below 50.00 Hz	149

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:49</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:13</b>
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