

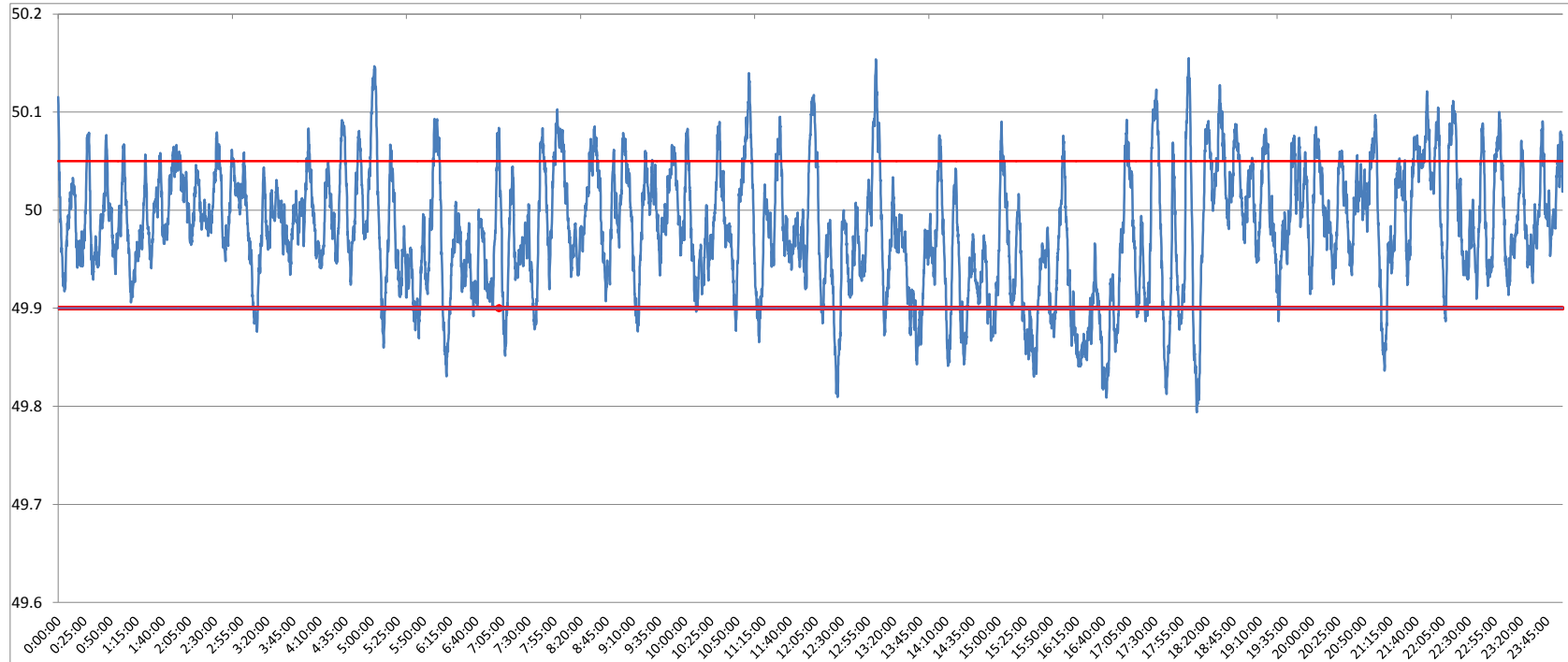


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

25-Oct-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	10.74	42.99	0.02	10.72	51.85	35.74	1.67	74.10	100.00	33.66	13.54	37.34	23.36	15.16	0.00

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.042</b>	<b>Standard Deviation :</b>	<b>0.062</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.16 18:02:00	Max	50.061 22:00:00	No. of excursion below 49.97 Hz	127
Min	49.79 18:09:40	Min	49.864 16:30:00	No. of excursion above 50.00 Hz	160
				No. of excursion below 50.00 Hz	129
				No. of excursion above 50.03 Hz	131

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:52</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:39</b>
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