

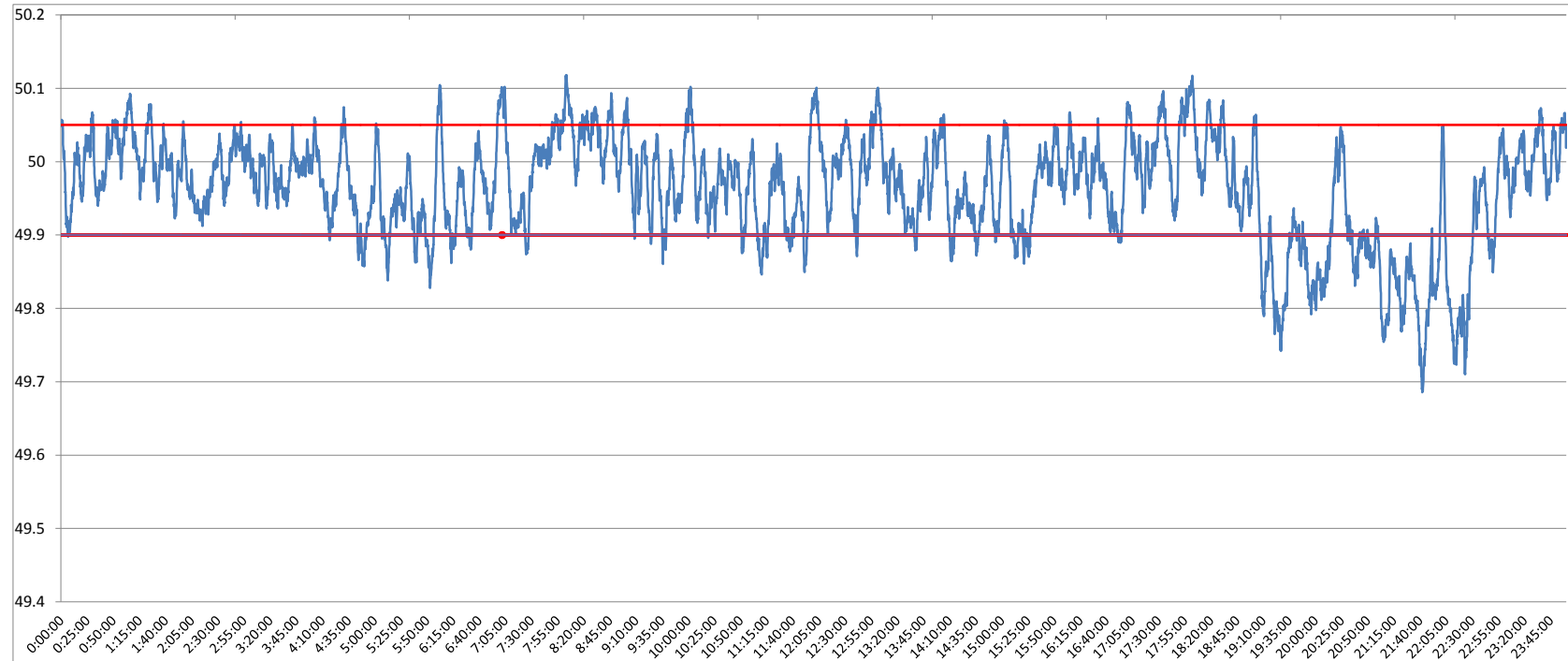


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

07-Jul-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	0.09	17.95	48.89	3.26	14.59	48.68	32.99	0.38	72.80	99.91	34.22	8.89	33.33	16.89	9.25	0.00

<b>Average Frequency</b>	<b>49.96</b>	<b>Frequency Variation Index :</b>	<b>0.066</b>	<b>Standard Deviation :</b>	<b>0.072</b>
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Instantaneous Frequency	
Max	50.12 8:03:30
Min	49.69 21:42:10

15 minute average Frequency		
Max	50.049	8:15:00
Min	49.787	21:45:00

No. of excursion above 50.03 Hz	103
No. of excursion below 49.97 Hz	134
No. of excursion above 50.00 Hz	138
No. of excursion below 50.00 Hz	137

Average time freq remains below 49.97 per excursion	0:05:15	Average time frequency remains above 50.03 per excursion	0:02:22
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