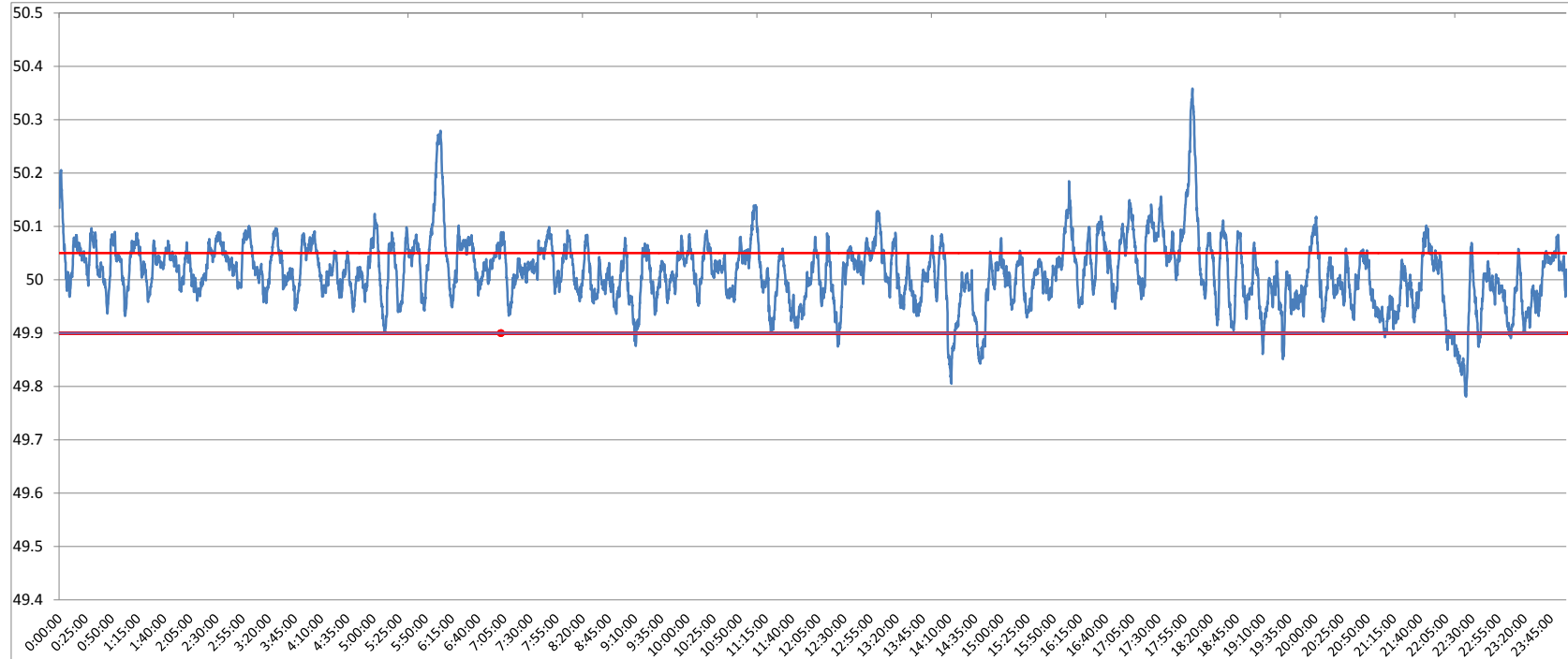




**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for 02-May-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	3.24	21.06	0.10	3.14	37.11	55.15	3.58	72.01	99.07	39.38	20.36	59.58	39.56	24.75	0.93

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.039</b>	<b>Standard Deviation :</b>	<b>0.061</b>
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Instantaneous Frequency	
Max	50.36 18:02:40
Min	49.78 22:24:10

15 minute average Frequency		
Max	50.143	18:15:00
Min	49.878	22:30:00

No. of excursion above 50.03 Hz	149
No. of excursion below 49.97 Hz	112
No. of excursion above 50.00 Hz	157
No. of excursion below 50.00 Hz	151

Average time freq remains below 49.97 per excursion	0:02:43	Average time frequency remains above 50.03 per excursion	0:03:49
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