

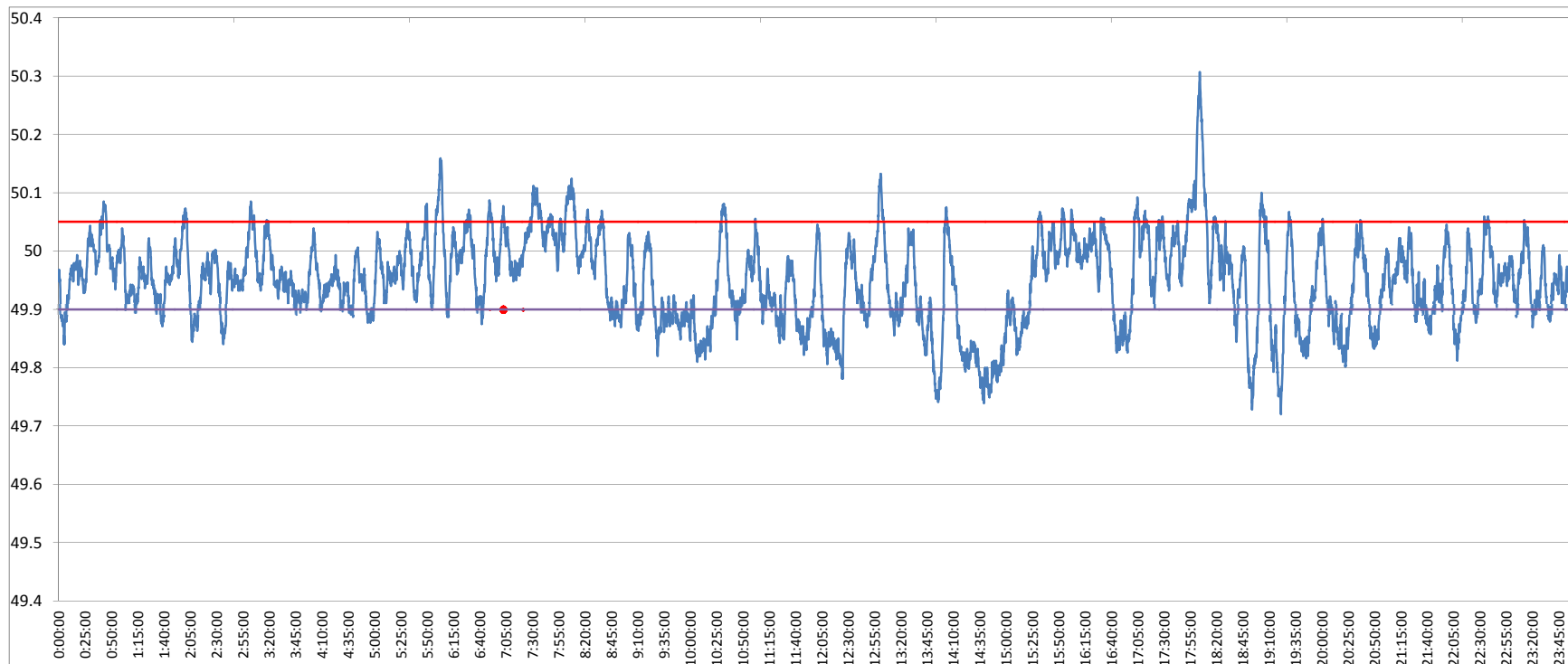


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

25-May-15



<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	25.89	58.80	2.51	23.38	47.21	25.38	1.18	66.02	99.66	27.14	6.70	25.15	14.06	8.09	0.34

<b>Average Frequency</b>	<b>49.95</b>	<b>Frequency Variation Index :</b>	<b>0.082</b>	<b>Standard Deviation :</b>	<b>0.075</b>
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Instantaneous Frequency	
Max	50.31 18:03:50
Min	49.72 19:21:00

15 minute average Frequency	
Max	50.116 18:15:00
Min	49.786 14:45:00

No. of excursion above 50.03 Hz	122
No. of excursion below 49.97 Hz	89
No. of excursion above 50.00 Hz	62
No. of excursion below 50.00 Hz	59

Average time freq remains below 49.97 per excursion	0:09:31	Average time frequency remains above 50.03 per excursion	0:01:40
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