

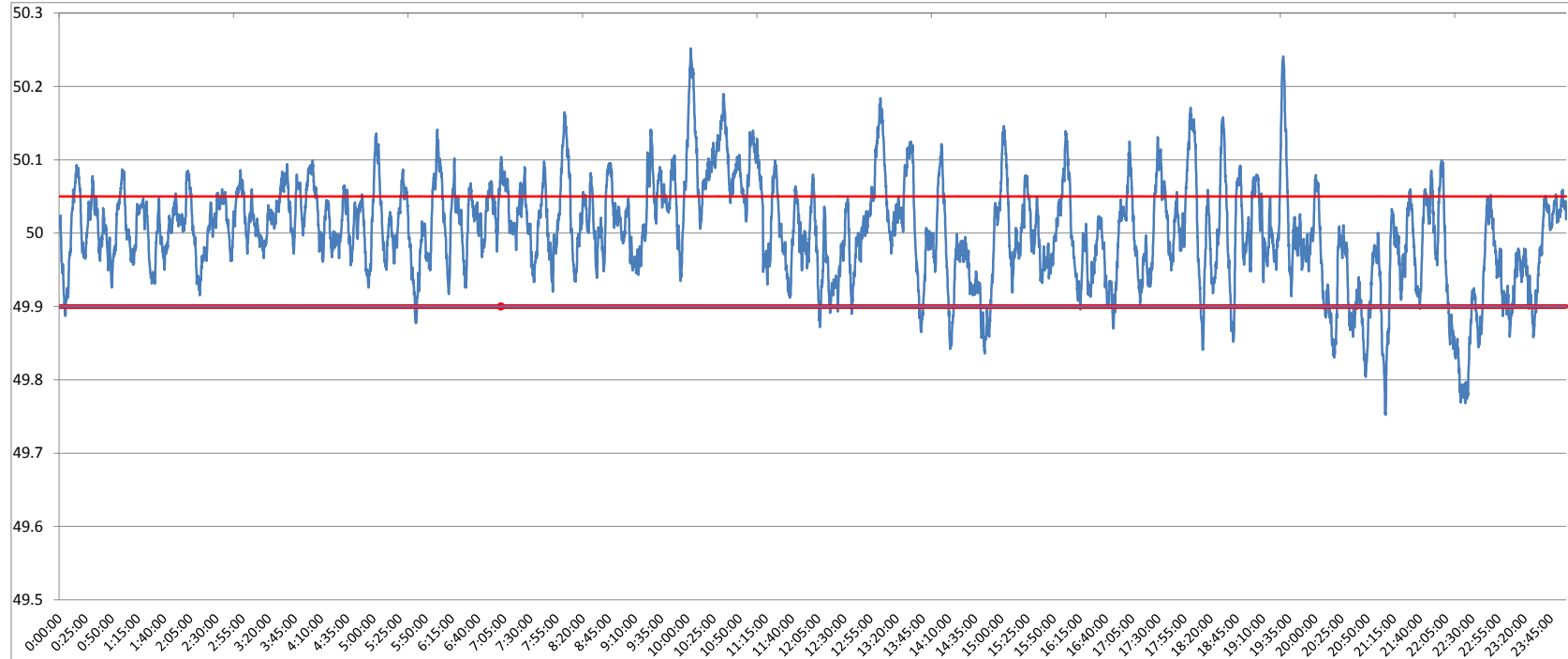


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SRIPERUMBUDUR:Frequency

National Grid Frequency Profile for

13-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	7.11	28.91	0.68	6.42	39.71	46.54	6.17	69.97	99.53	36.92	16.86	51.89	34.17	22.93	0.47

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.048</b>	<b>Standard Deviation :</b>	<b>0.069</b>
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Instantaneous Frequency		
Max	50.25	10:03:10
Min	49.75	21:07:20

15 minute average Frequency		
Max	50.129	10:15:00
Min	49.812	22:30:00

No. of excursion above 50.03 Hz	117
No. of excursion below 49.97 Hz	117
No. of excursion above 50.00 Hz	84
No. of excursion below 50.00 Hz	89

Average time freq remains below 49.97 per excursion	0:03:34	Average time frequency remains above 50.03 per excursion	0:04:12
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