

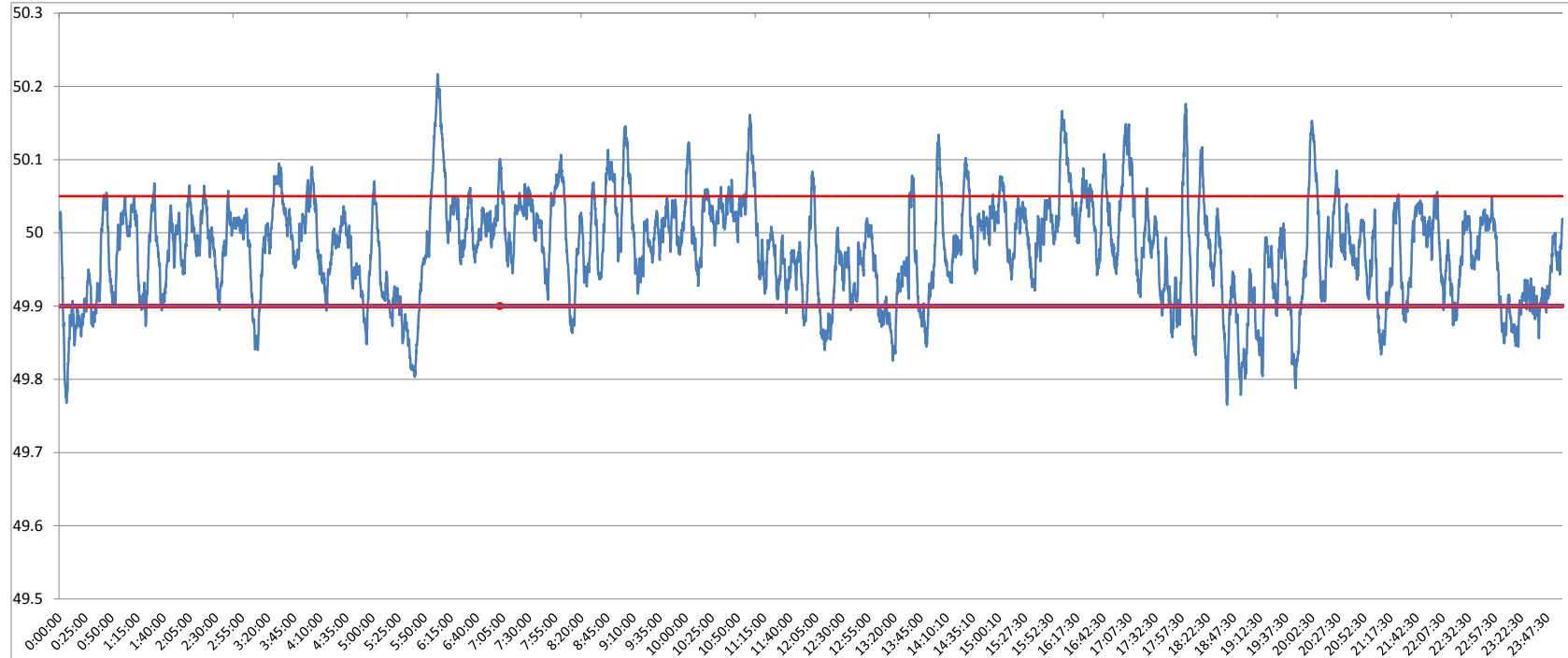


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR7:Frequency

National Grid Frequency Profile for

13-Sep-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	14.29	42.91	0.39	13.90	45.45	36.93	3.25	73.51	99.93	35.72	8.94	40.16	21.38	12.20	0.07

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.052</b>	<b>Standard Deviation :</b>	<b>0.069</b>
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Instantaneous Frequency		
Max	50.22	6:02:30
Min	49.77	18:41:00

15 minute average Frequency		
Max	50.106	6:15:00
Min	49.845	5:45:00

No. of excursion above 50.03 Hz	118
No. of excursion below 49.97 Hz	113
No. of excursion above 50.00 Hz	124
No. of excursion below 50.00 Hz	122

Average time freq remains below 49.97 per excursion	0:05:28	Average time frequency remains above 50.03 per excursion	0:02:37
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