

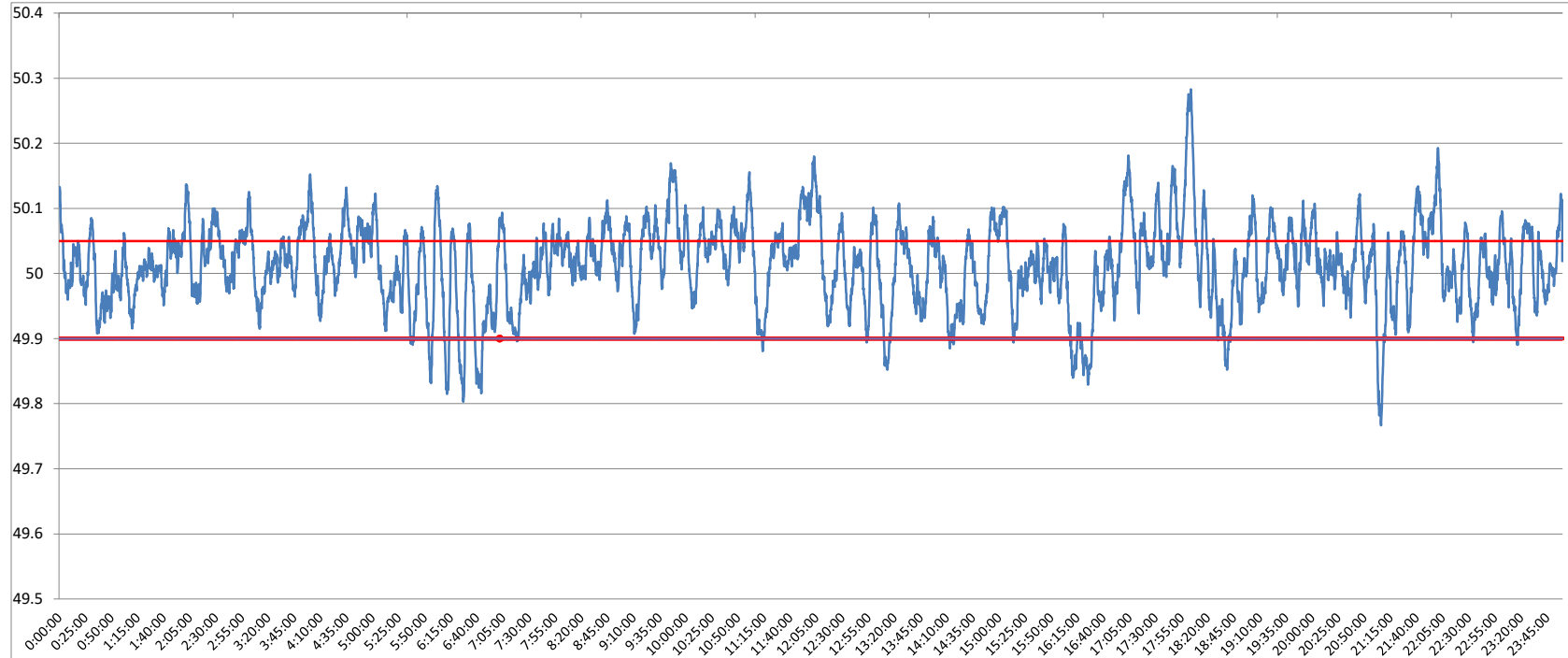


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR7:Frequency

National Grid Frequency Profile for

16-Feb-17



<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	4.62	23.38	0.21	4.41	34.73	53.65	6.59	66.40	99.58	36.01	22.06	60.54	40.61	28.98	0.42

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.044</b>	<b>Standard Deviation :</b>	<b>0.065</b>
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Instantaneous Frequency		
Max	50.28	18:03:50
Min	49.77	21:06:00

15 minute average Frequency		
Max	50.124	18:15:00
Min	49.877	16:30:00

No. of excursion above 50.03 Hz	160
No. of excursion below 49.97 Hz	111
No. of excursion above 50.00 Hz	147
No. of excursion below 50.00 Hz	146

Average time freq remains below 49.97 per excursion	0:03:02	Average time frequency remains above 50.03 per excursion	0:03:39
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