

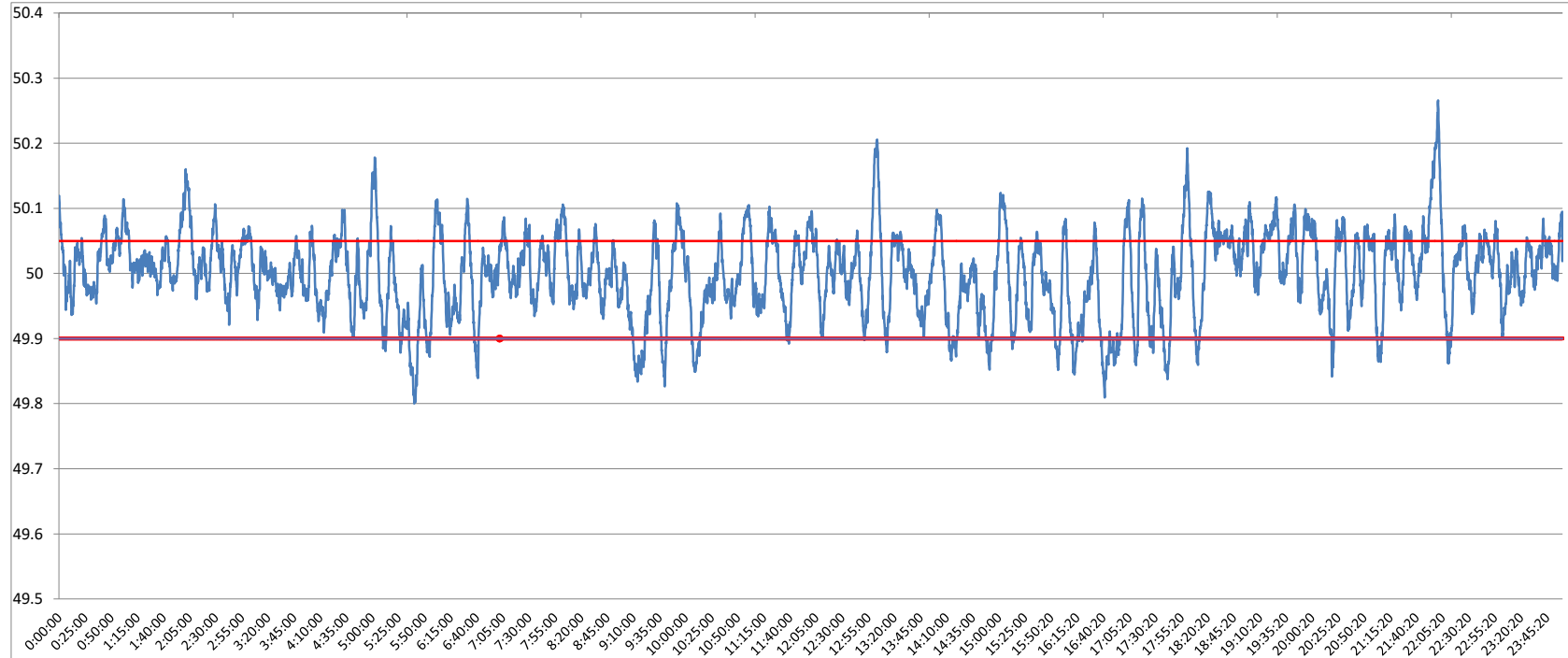


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

17-Nov-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	7.95	29.92	0.00	7.95	40.29	47.86	3.65	70.30	99.75	36.34	17.93	51.70	33.74	21.75	0.25

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.041</b>	<b>Standard Deviation :</b>	<b>0.064</b>
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Instantaneous Frequency		
Max	50.27	22:01:00
Min	49.80	5:40:10

15 minute average Frequency		
Max	50.106	22:00:00
Min	49.879	5:45:00

No. of excursion above 50.03 Hz	144
No. of excursion below 49.97 Hz	136
No. of excursion above 50.00 Hz	147
No. of excursion below 50.00 Hz	146

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:10</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:22</b>
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