

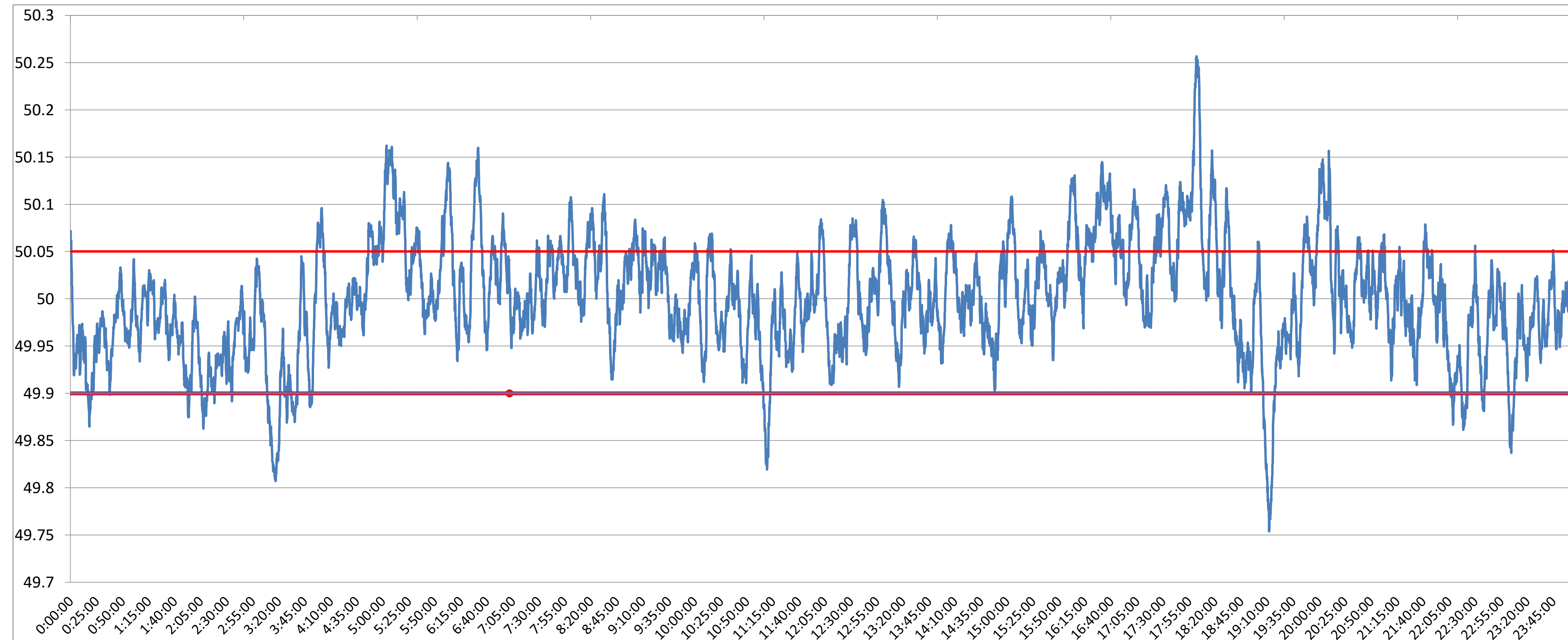


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

30-Apr-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	4.75	30.06	0.27	4.48	46.27	43.66	5.00	75.60	99.68	40.87	14.41	48.92	29.07	19.65	0.32

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.038</b>	<b>Standard Deviation :</b>	<b>0.061</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.26	18:02:10	Max	50.119	5:15:00	129	153
Min	49.75	19:12:00	Min	49.880	3:30:00	170	170

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:50</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:15</b>
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