

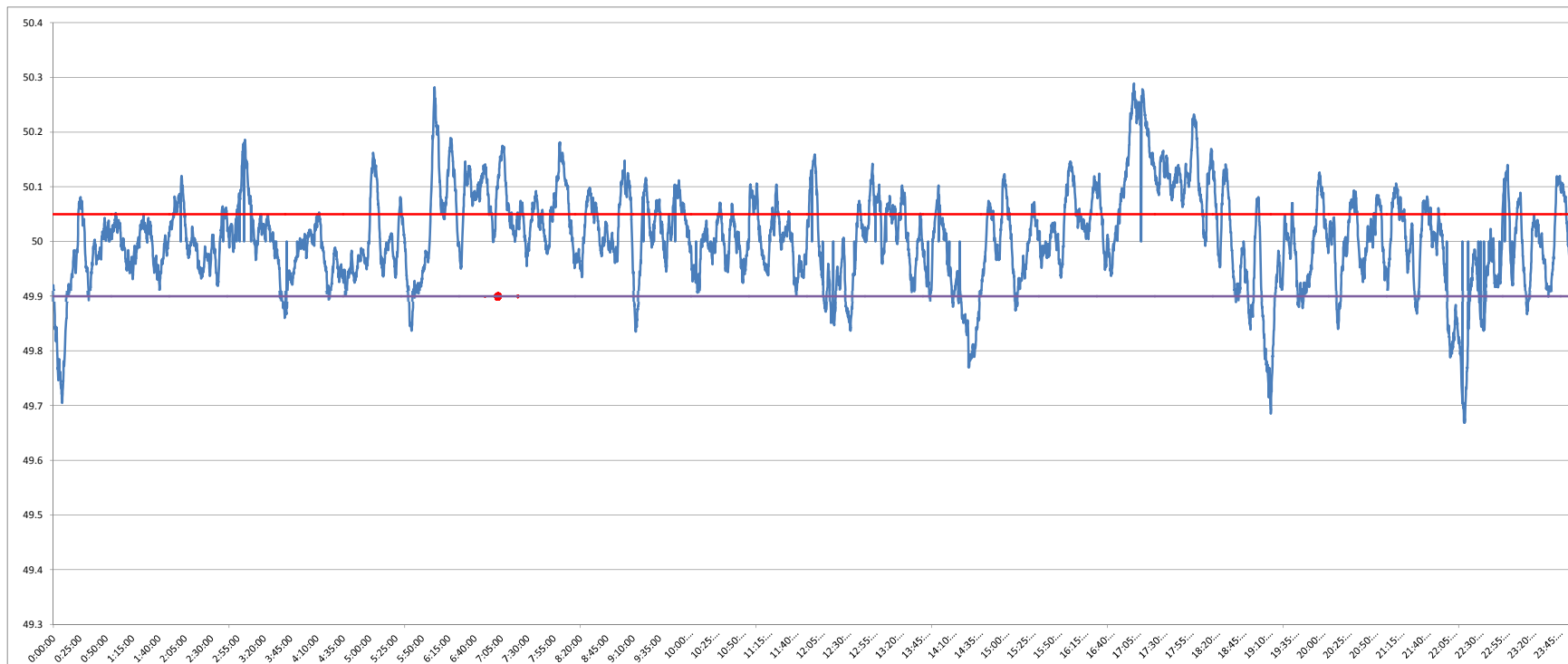


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

RIHAND:Frequency

National Grid Frequency Profile for

28-Mar-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	0.20	8.84	30.96	1.71	6.93	36.23	42.00	11.16	62.05	98.03	31.42	16.89	52.84	37.62	29.11	1.77

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.075</b>	<b>Standard Deviation :</b>	<b>0.086</b>
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Instantaneous Frequency		
MAX	50.29	17:05:10
Min	49.67	22:18:30

15 minute average Frequency		
Max	50.235	17:15:00
Min	49.813	0:15:00

No. of excursion above 50.03 Hz	111
No. of excursion below 49.97 Hz	102
No. of excursion above 50.00 Hz	75
No. of excursion below 50.00 Hz	61

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:22</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:53</b>
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