

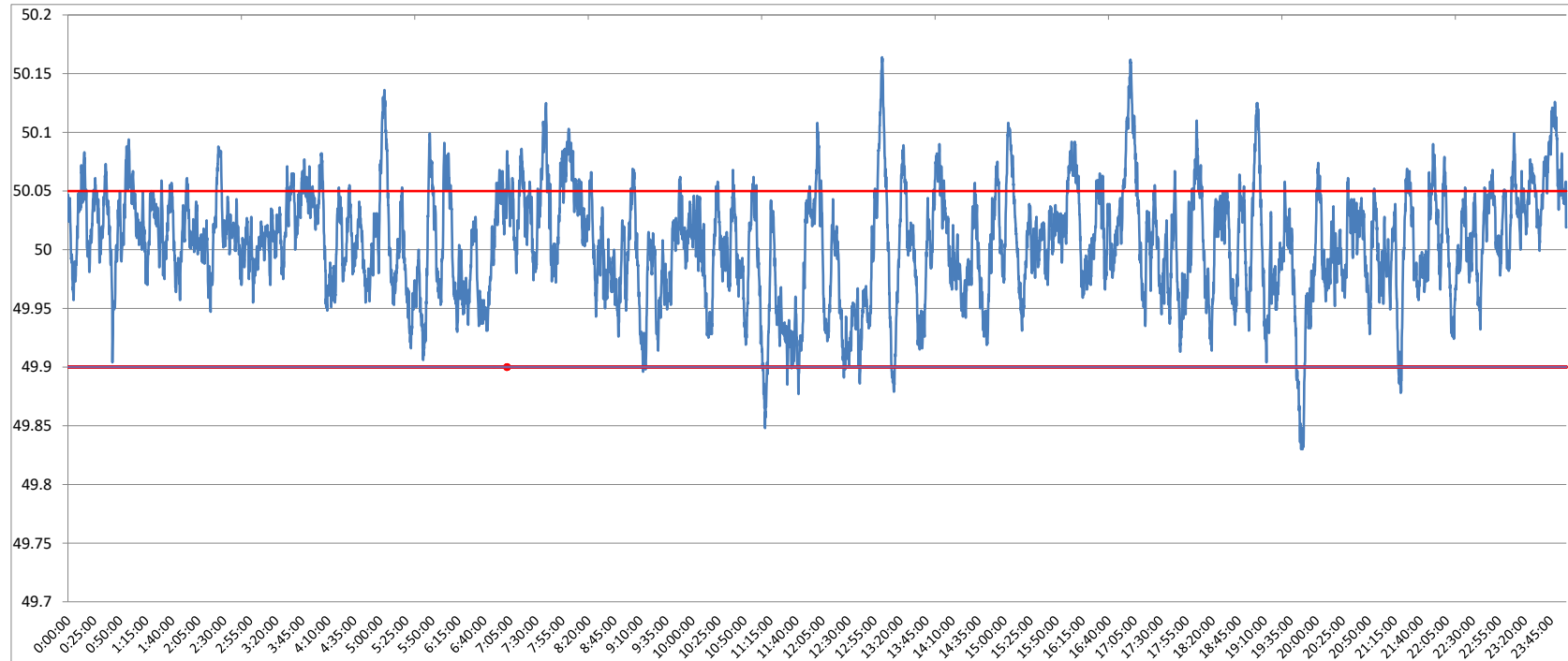


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BALLIA:Frequency

National Grid Frequency Profile for

10-Jun-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	1.54	21.48	0.00	1.54	41.22	55.20	2.05	82.78	100.00	47.96	14.35	55.61	30.56	15.68	0.00

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.022</b>	<b>Standard Deviation :</b>	<b>0.047</b>
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Instantaneous Frequency	
Max	50.16 13:02:20
Min	49.83 19:45:00

15 minute average Frequency	
Max	50.075 0:00:00
Min	49.919 11:45:00

No. of excursion above 50.03 Hz	173
No. of excursion below 49.97 Hz	125
No. of excursion above 50.00 Hz	142
No. of excursion below 50.00 Hz	145

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:28</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:33</b>
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