

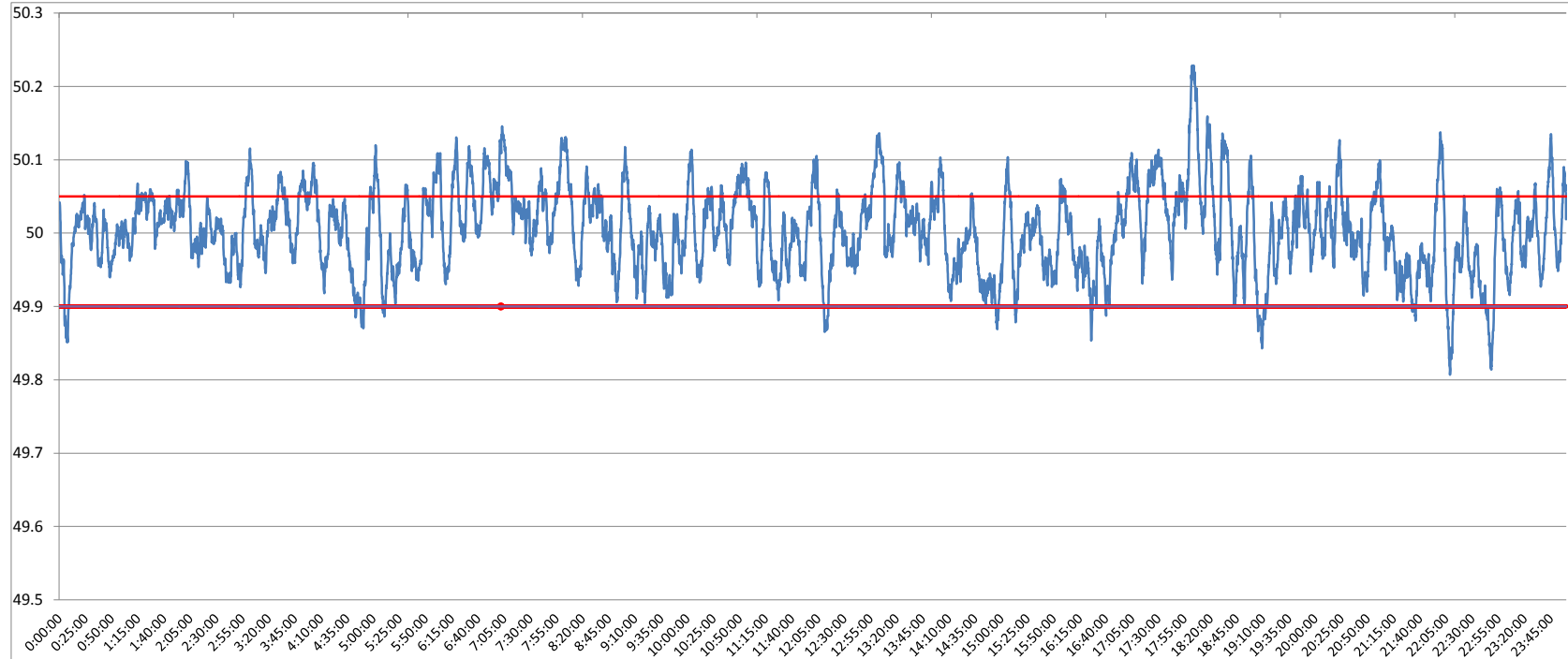


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

22-Apr-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	3.28	28.08	0.00	3.28	43.34	49.00	4.11	75.72	99.73	39.19	16.70	53.33	32.73	21.01	0.27

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.033</b>	<b>Standard Deviation :</b>	<b>0.057</b>
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Instantaneous Frequency	
Max	50.23 18:03:50
Min	49.81 22:08:50

15 minute average Frequency		
Max	50.124	18:15:00
Min	49.915	19:15:00

No. of excursion above 50.03 Hz	149
No. of excursion below 49.97 Hz	125
No. of excursion above 50.00 Hz	149
No. of excursion below 50.00 Hz	146

Average time freq remains below 49.97 per excursion	0:03:14	Average time frequency remains above 50.03 per excursion	0:03:10
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