

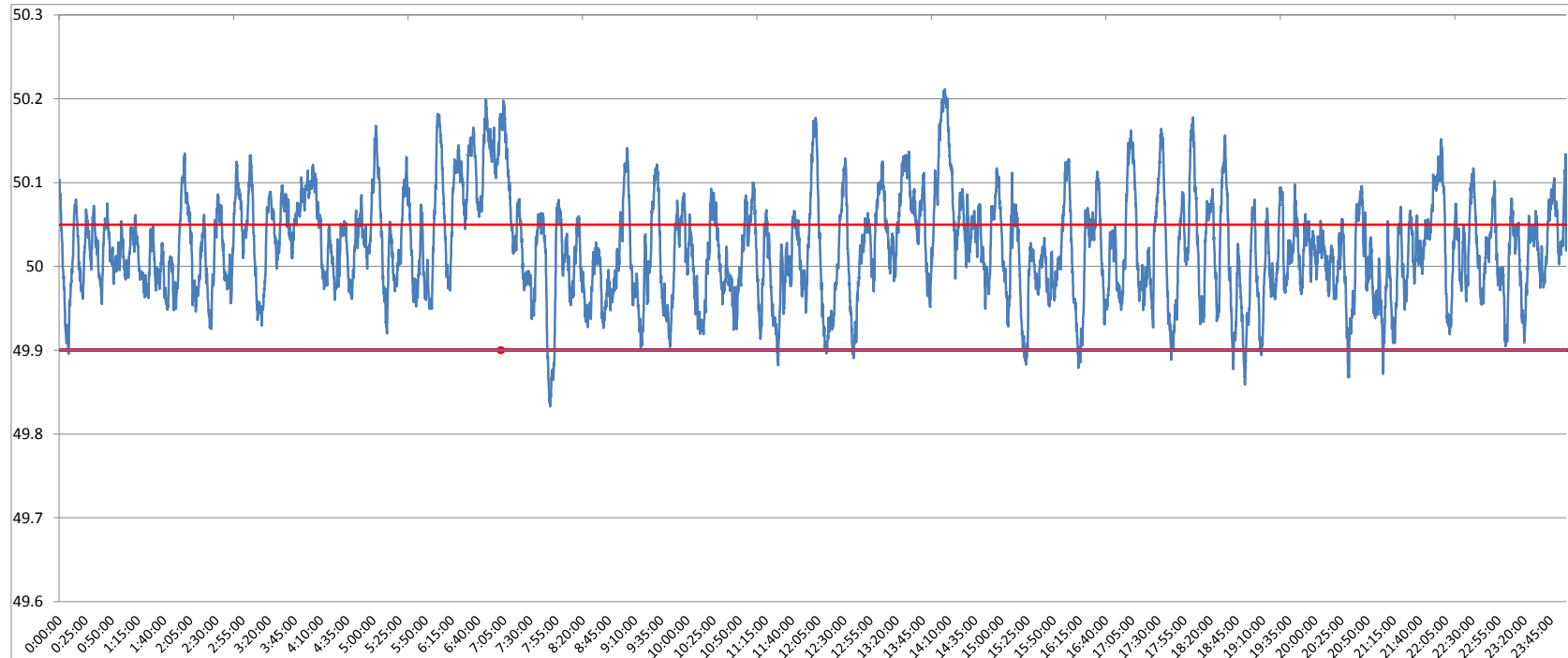


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

13-Mar-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	1.54	19.47	0.00	1.54	36.86	51.01	10.44	66.35	99.85	36.62	21.59	61.55	43.91	32.11	0.15

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.042</b>	<b>Standard Deviation :</b>	<b>0.061</b>
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Instantaneous Frequency		
Max	50.21	14:06:10
Min	49.83	7:49:00

15 minute average Frequency		
Max	50.157	14:15:00
Min	49.952	8:00:00

No. of excursion above 50.03 Hz	155
No. of excursion below 49.97 Hz	124
No. of excursion above 50.00 Hz	154
No. of excursion below 50.00 Hz	152

Average time freq remains below 49.97 per excursion	0:02:16	Average time frequency remains above 50.03 per excursion	0:04:05
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