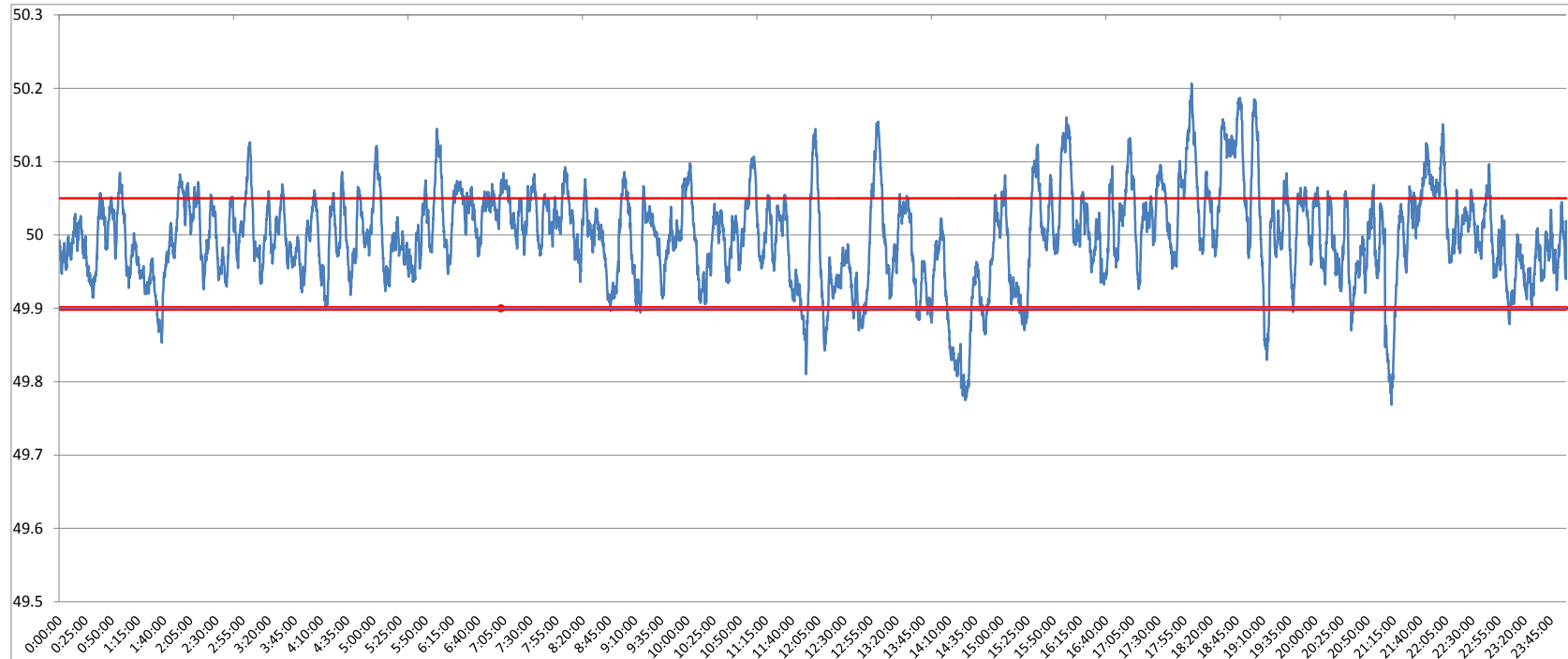




**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 03-May-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	5.96	31.57	0.60	5.36	44.57	44.03	5.42	74.35	99.98	36.93	14.33	49.40	31.49	19.69	0.02

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.041</b>	<b>Standard Deviation :</b>	<b>0.064</b>
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Instantaneous Frequency		
Max	50.21	18:02:00
Min	49.77	21:12:50

15 minute average Frequency		
Max	50.128	18:45:00
Min	49.808	14:30:00

No. of excursion above 50.03 Hz	129
No. of excursion below 49.97 Hz	122
No. of excursion above 50.00 Hz	148
No. of excursion below 50.00 Hz	144

Average time freq remains below 49.97 per excursion	0:03:44	Average time frequency remains above 50.03 per excursion	0:03:31
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