

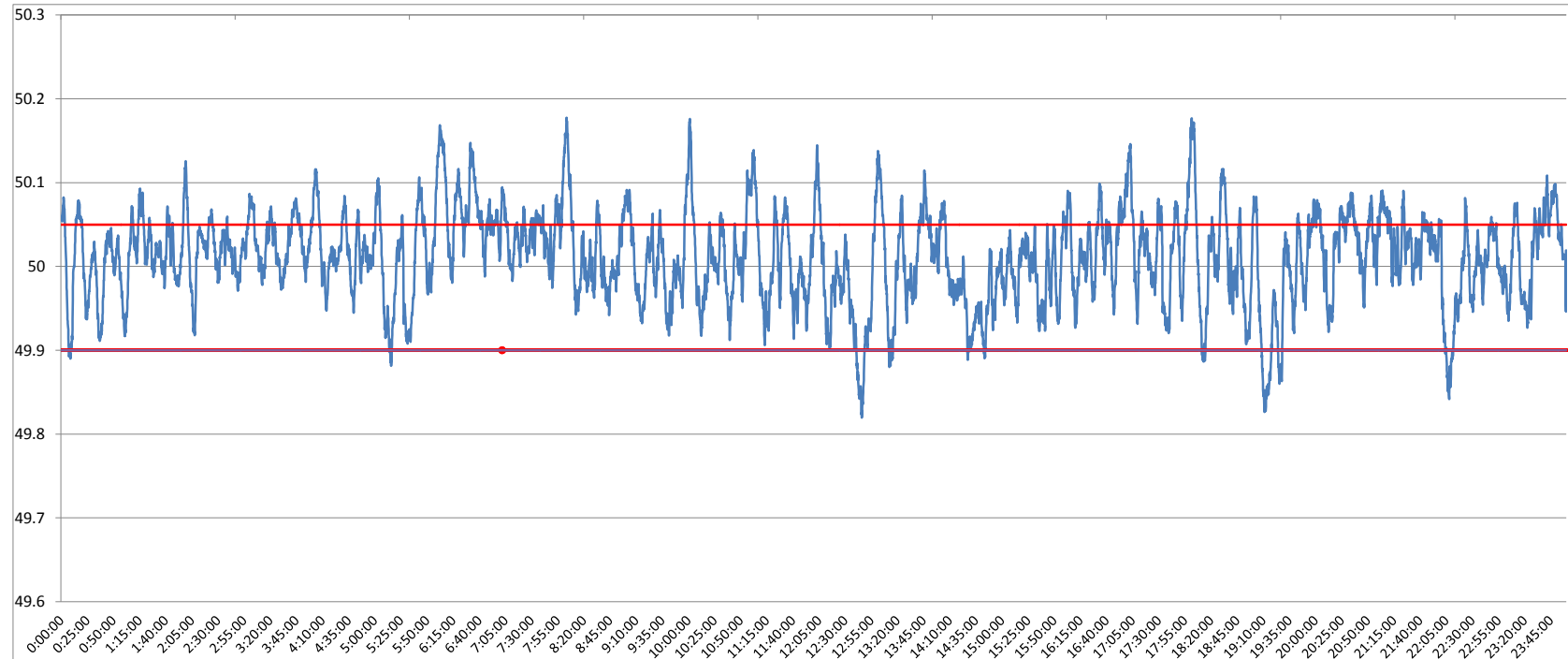


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

07-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	2.73	21.86	0.00	2.73	36.74	56.44	4.10	73.38	100.00	40.14	19.84	60.45	38.00	23.89	0.00

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.031</b>	<b>Standard Deviation :</b>	<b>0.055</b>
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Instantaneous Frequency	
Max	50.18 8:03:30
Min	49.82 12:46:00

15 minute average Frequency		
Max	50.088	6:15:00
Min	49.912	22:15:00

No. of excursion above 50.03 Hz	166
No. of excursion below 49.97 Hz	112
No. of excursion above 50.00 Hz	159
No. of excursion below 50.00 Hz	157

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:49</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:18</b>
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