

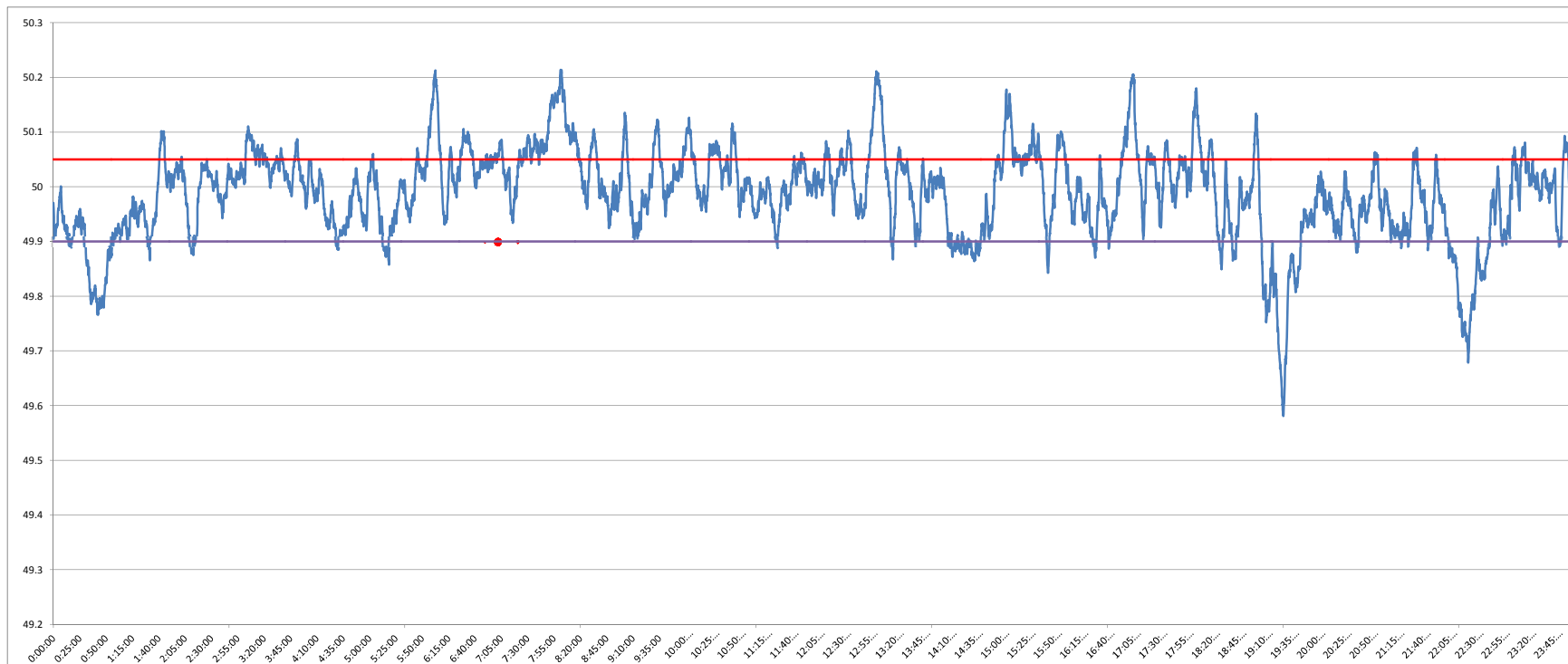


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

08-May-15



<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	0.57	11.90	37.48	2.21	9.12	39.87	42.75	5.16	67.40	99.12	31.44	15.29	48.19	31.09	20.71	0.31

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.069</b>	<b>Standard Deviation :</b>	<b>0.082</b>
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Instantaneous Frequency		
MAX	50.21	8:01:20
Min	49.58	19:27:00

15 minute average Frequency		
Max	50.131	8:15:00
Min	49.734	19:30:00

No. of excursion above 50.03 Hz	107
No. of excursion below 49.97 Hz	101
No. of excursion above 50.00 Hz	132
No. of excursion below 50.00 Hz	132

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:05:21</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:11</b>
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