

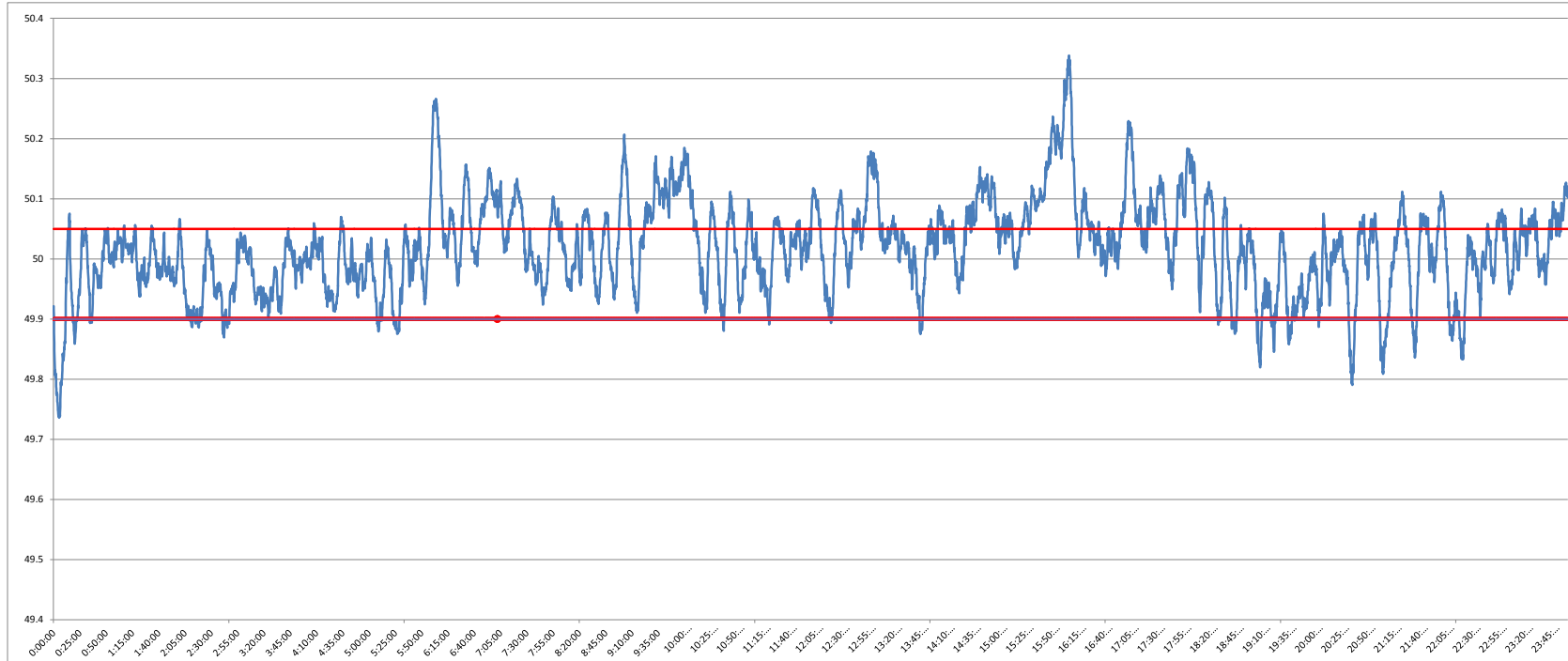


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

12-Apr-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	0.00	5.87	25.80	0.45	5.42	34.16	47.15	11.08	62.22	98.25	31.32	19.14	59.95	42.88	31.91	1.75

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.063</b>	<b>Standard Deviation :</b>	<b>0.078</b>
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Instantaneous Frequency	
MAX	50.34 16:05:40
Min	49.74 0:05:20

15 minute average Frequency		
Max	50.202	16:15:00
Min	49.851	0:15:00

No. of excursion above 50.03 Hz	153
No. of excursion below 49.97 Hz	94
No. of excursion above 50.00 Hz	129
No. of excursion below 50.00 Hz	129

Average time freq remains below 49.97 per excursion	0:03:57	Average time frequency remains above 50.03 per excursion	0:04:02
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