

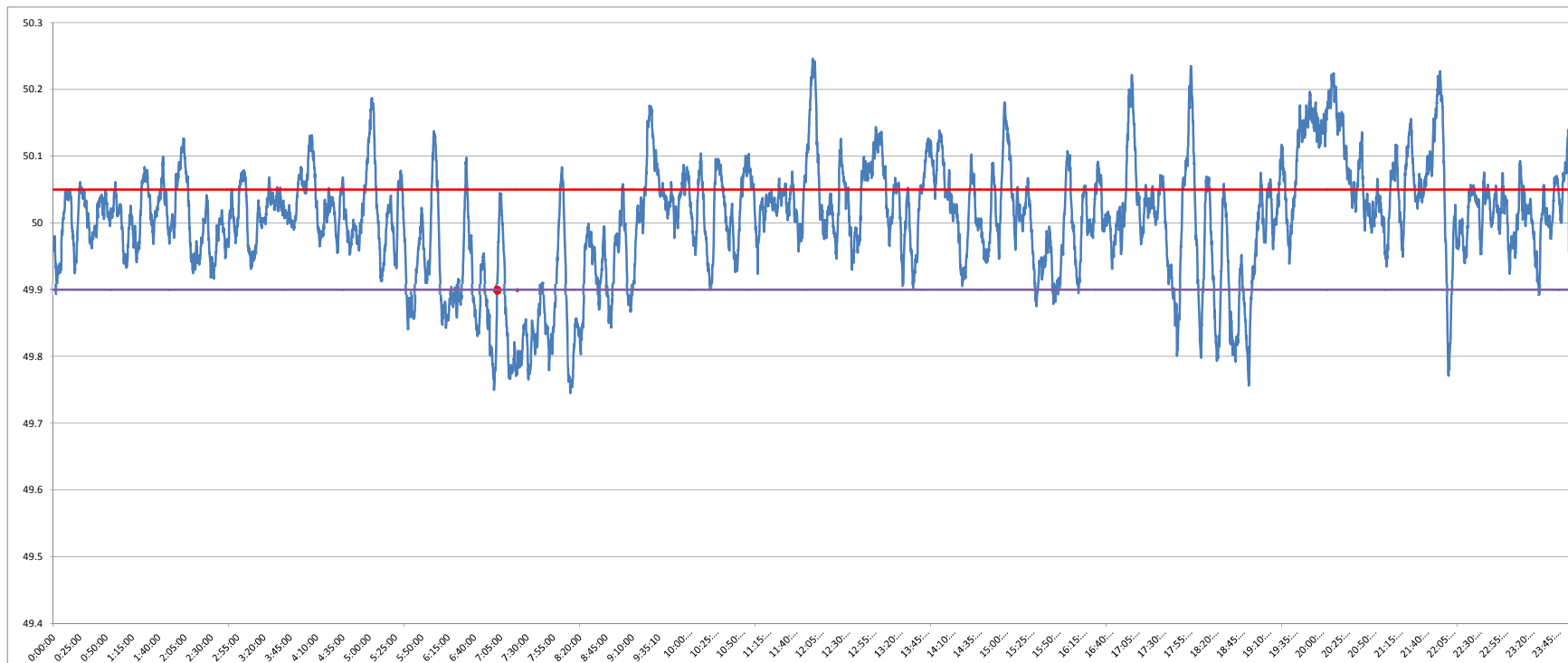


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-Feb-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	11.70	28.68	2.01	9.69	31.04	46.90	9.44	61.33	99.09	32.44	16.67	57.15	38.88	26.97	0.91

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.072</b>	<b>Standard Deviation :</b>	<b>0.085</b>
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Instantaneous Frequency		
MAX	50.25	12:01:30
Min	49.74	8:11:10

15 minute average Frequency		
Max	50.156	20:00:00
Min	49.804	7:30:00

No. of excursion above 50.03 Hz	135
No. of excursion below 49.97 Hz	105
No. of excursion above 50.00 Hz	143
No. of excursion below 50.00 Hz	143

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:56</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:09</b>
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