

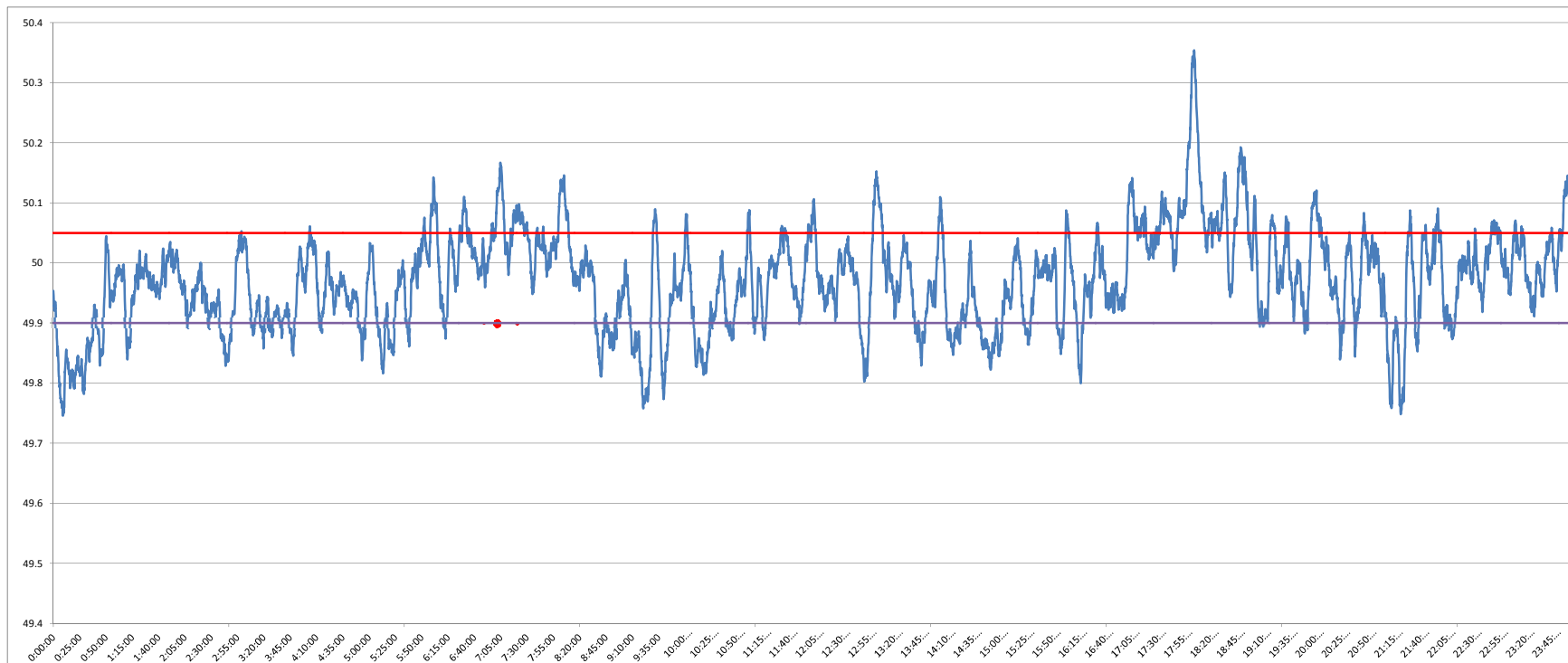


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

21-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	19.75	49.13	1.70	18.04	44.64	31.10	3.92	65.41	99.41	28.78	10.37	35.57	22.08	14.85	0.59

<b>Average Frequency</b>	<b>49.97</b>	<b>Frequency Variation Index :</b>	<b>0.074</b>	<b>Standard Deviation :</b>	<b>0.081</b>
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Instantaneous Frequency		
MAX	50.35	18:03:40
Min	49.75	0:09:00

15 minute average Frequency		
Max	50.200	18:15:00
Min	49.813	0:30:00

No. of excursion above 50.03 Hz	98
No. of excursion below 49.97 Hz	117
No. of excursion above 50.00 Hz	116
No. of excursion below 50.00 Hz	113

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:06:03</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:15</b>
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