

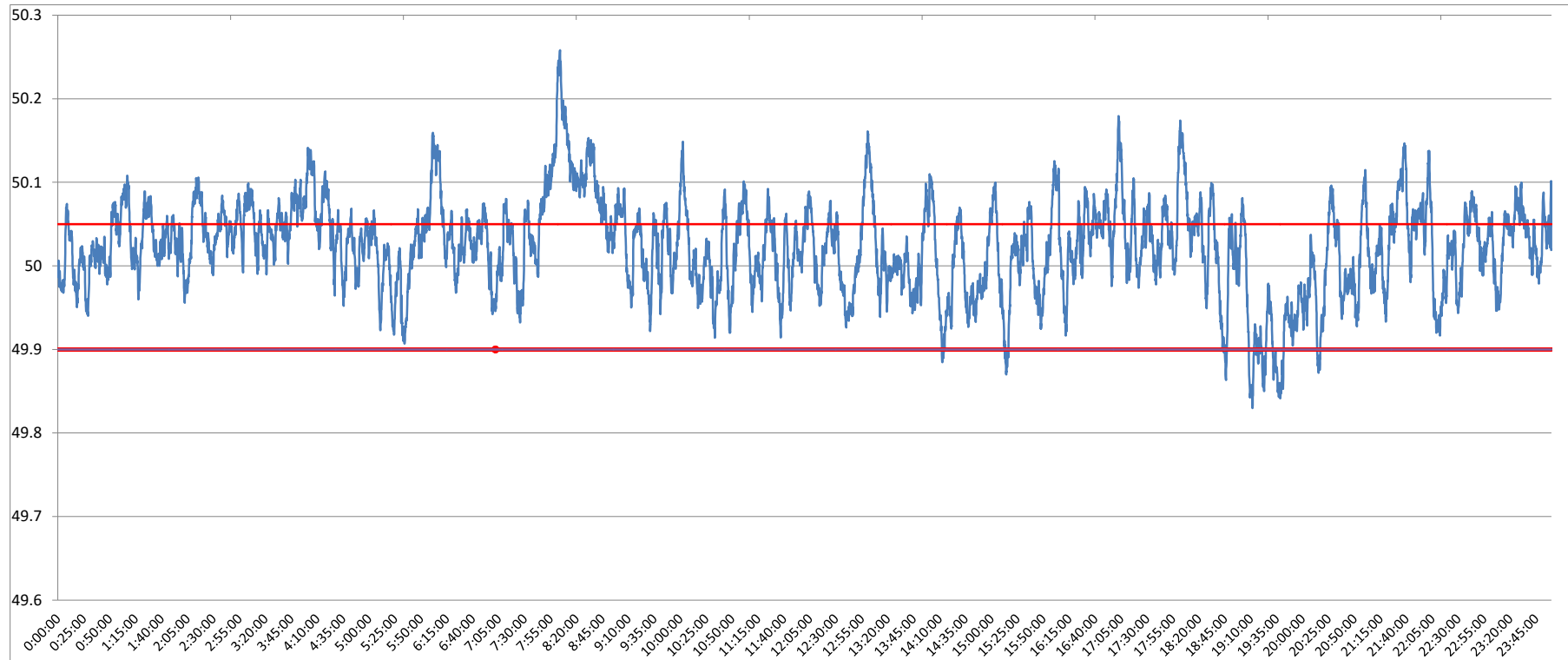


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

21-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	2.23	16.94	0.00	2.23	29.61	61.33	6.52	66.82	99.69	36.38	24.19	68.15	46.68	30.95	0.31

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.037</b>	<b>Standard Deviation :</b>	<b>0.056</b>
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Instantaneous Frequency	
Max	50.26 8:04:10
Min	49.83 19:11:40

15 minute average Frequency	
Max	50.181 8:15:00
Min	49.887 19:45:00

No. of excursion above 50.03 Hz	161
No. of excursion below 49.97 Hz	111
No. of excursion above 50.00 Hz	147
No. of excursion below 50.00 Hz	146

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:12</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:10</b>
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