

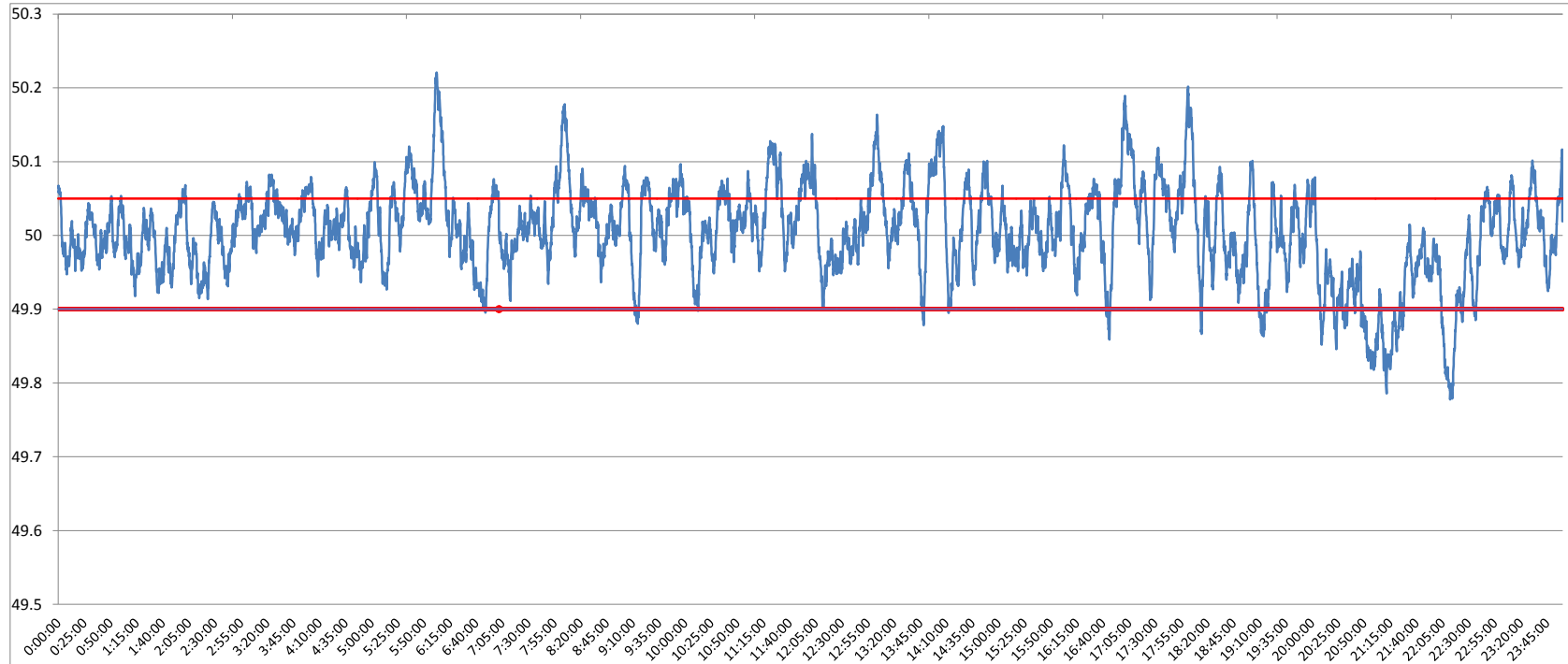


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-Aug-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	5.64	25.49	0.31	5.32	39.83	49.85	4.54	72.21	99.85	40.38	17.51	54.47	34.13	22.15	0.15

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.039</b>	<b>Standard Deviation :</b>	<b>0.063</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.22 6:02:10	Max	50.117 6:15:00	No. of excursion below 49.97 Hz	144
Min	49.78 22:12:20	Min	49.853 21:15:00	No. of excursion above 50.00 Hz	159
				No. of excursion below 50.00 Hz	159

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:33</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:05</b>
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