

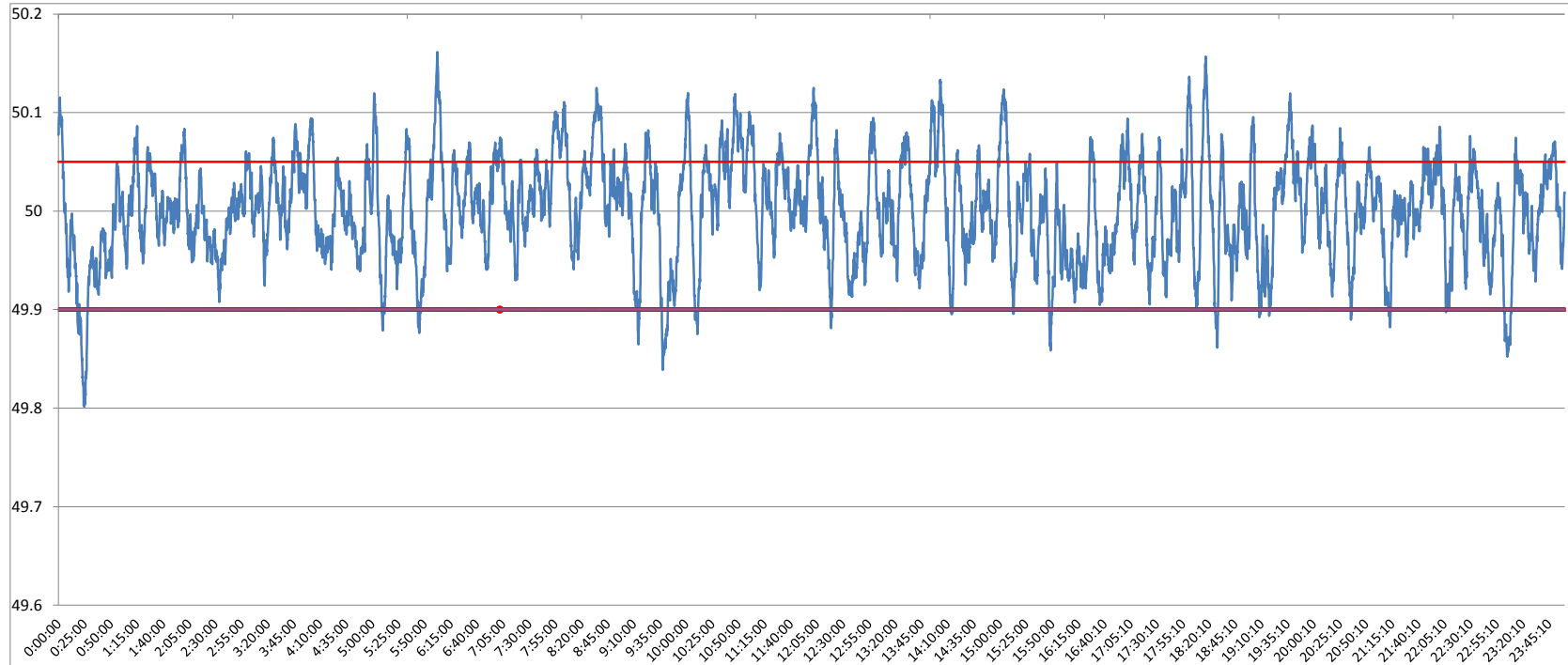


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

16-Sep-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	3.10	27.38	0.00	3.10	44.38	49.79	2.73	79.00	100.00	43.07	15.24	52.42	29.55	17.89	0.00

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.027</b>	<b>Standard Deviation :</b>	<b>0.052</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		148	
Max	50.16 6:02:10	Max	50.071 11:00:00	No. of excursion below 49.97 Hz		141	
Min	49.80 0:24:40	Min	49.882 0:30:00	No. of excursion above 50.00 Hz		196	
				No. of excursion below 50.00 Hz		196	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:48</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:53</b>
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