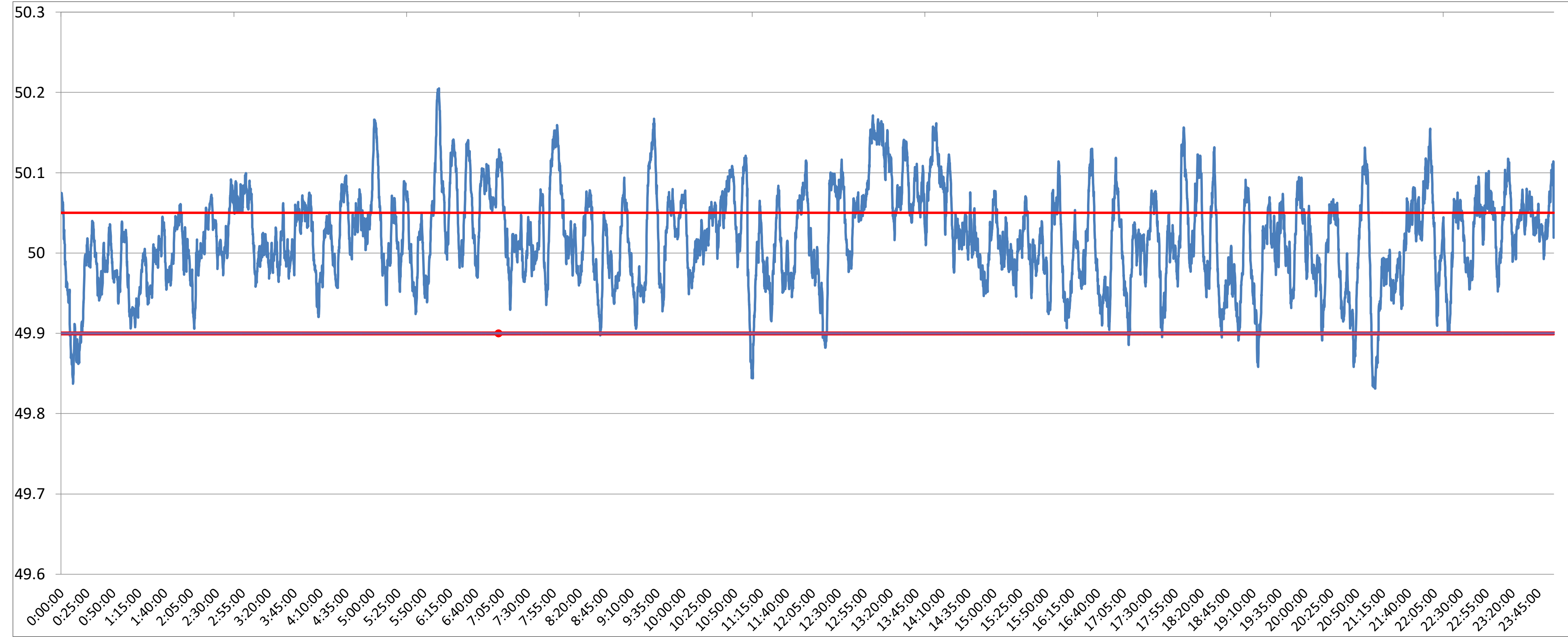




**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 12-Mar-17



<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	19.88	0.00	2.23	36.48	53.14	8.10	67.30	99.95	37.87	22.38	61.22	42.25	30.46	0.05

<b>Average Frequency</b>		<b>50.02</b>	<b>Frequency Variation Index :</b>		<b>0.038</b>	<b>Standard Deviation :</b>		<b>0.058</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>145</b>
<b>Max</b>	<b>50.2</b>	<b>6:04:30</b>	<b>Max</b>	<b>50.146</b>	<b>13:15:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>127</b>
<b>Min</b>	<b>49.83</b>	<b>21:07:40</b>	<b>Min</b>	<b>49.925</b>	<b>21:15:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>168</b>
<b>Average time freq remains below 49.97 per excursion</b>		<b>0:02:15</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:04:12</b>	<b>No. of excursion below 50.00 Hz</b>		<b>168</b>