

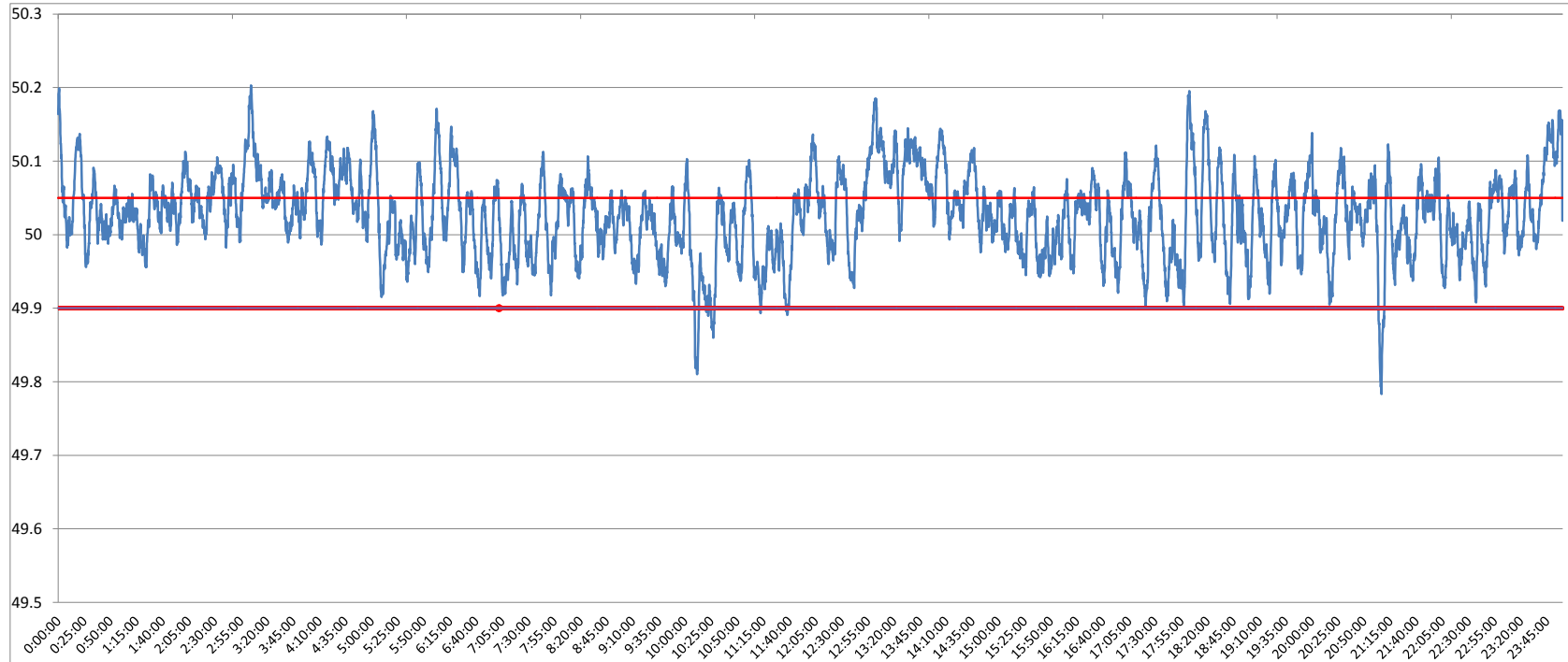


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

10-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	1.12	16.22	0.06	1.06	29.95	58.96	9.94	64.79	99.98	35.08	24.20	68.89	48.70	34.09	0.02

<b>Average Frequency</b>		<b>50.03</b>	<b>Frequency Variation Index :</b>		<b>0.039</b>	<b>Standard Deviation :</b>		<b>0.057</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>176</b>
<b>Max</b>	<b>50.2</b>	<b>3:04:30</b>	<b>Max</b>	<b>50.131</b>	<b>0:00:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>97</b>
<b>Min</b>	<b>49.78</b>	<b>21:06:30</b>	<b>Min</b>	<b>49.914</b>	<b>10:30:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>151</b>
<b>Average time freq remains below 49.97 per excursion</b>		<b>0:02:24</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:03:59</b>	<b>No. of excursion below 50.00 Hz</b>		<b>151</b>