

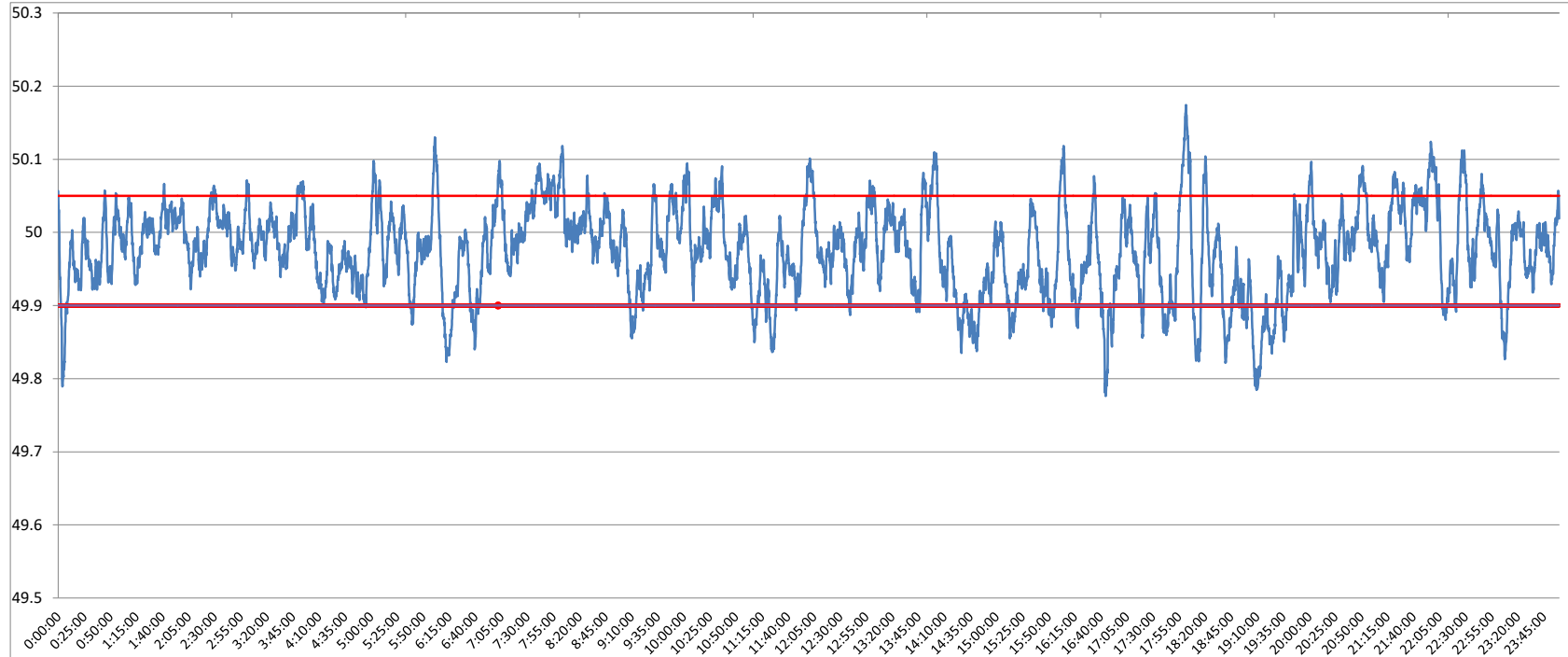


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

06-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	11.32	44.10	0.37	10.95	53.72	33.88	1.09	78.36	100.00	37.72	9.29	34.94	18.18	10.32	0.00

<b>Average Frequency</b>		<b>49.98</b>	<b>Frequency Variation Index :</b>		<b>0.042</b>	<b>Standard Deviation :</b>		<b>0.060</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>101</b>
<b>Max</b>	<b>50.17</b>	<b>18:01:40</b>	<b>Max</b>	<b>50.063</b>	<b>22:00:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>143</b>
<b>Min</b>	<b>49.78</b>	<b>16:44:40</b>	<b>Min</b>	<b>49.853</b>	<b>19:15:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>163</b>
<b>No. of excursion below 50.00 Hz</b>		<b>160</b>						
<b>Average time freq remains below 49.97 per excursion</b>		<b>0:04:26</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:02:36</b>			