

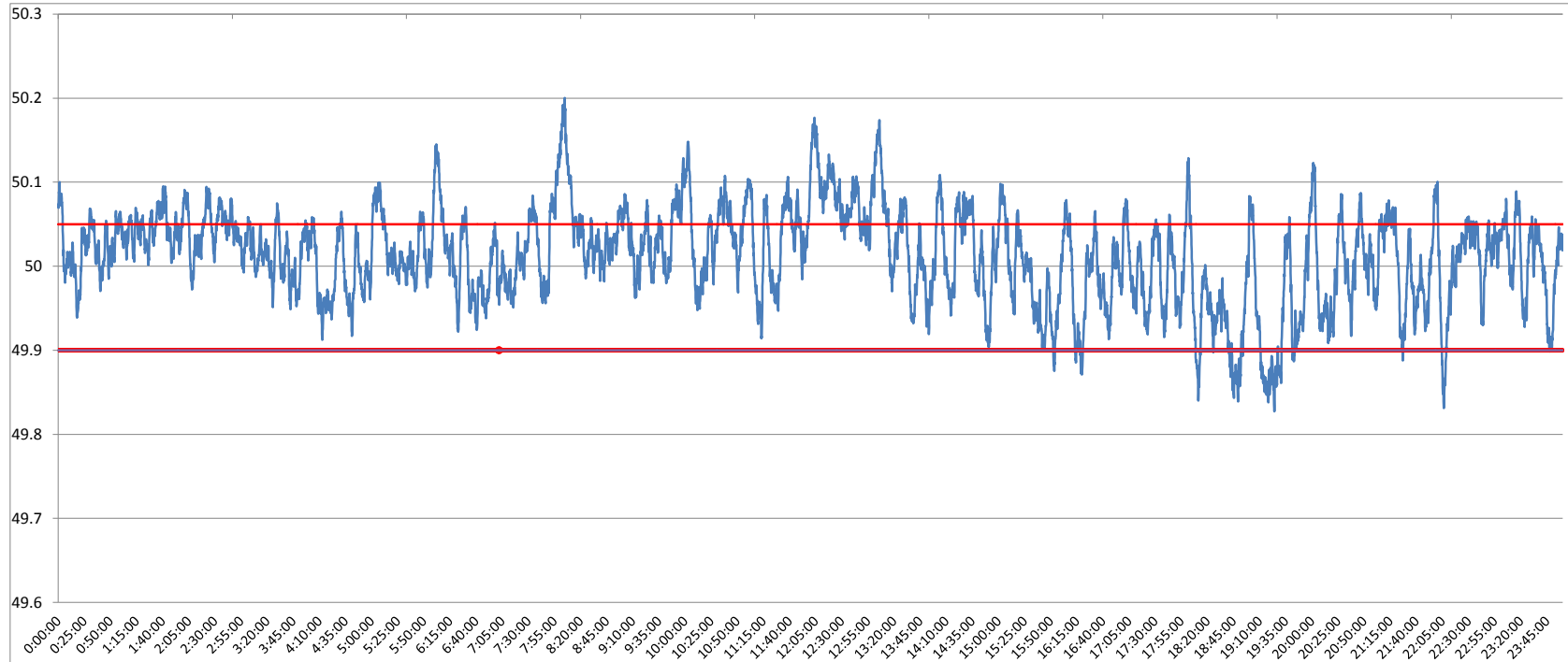


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

03-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	3.41	22.12	0.00	3.41	35.07	57.22	4.28	71.18	99.99	37.69	21.22	61.46	40.20	25.41	0.01

<b>Average Frequency</b>		<b>50.01</b>	<b>Frequency Variation Index :</b>		<b>0.033</b>	<b>Standard Deviation :</b>		<b>0.056</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>183</b>
<b>Max</b>	<b>50.2</b>	<b>8:04:40</b>	<b>Max</b>	<b>50.121</b>	<b>8:15:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>105</b>
<b>Min</b>	<b>49.83</b>	<b>19:24:00</b>	<b>Min</b>	<b>49.866</b>	<b>19:30:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>154</b>
<b>Average time freq remains below 49.97 per excursion</b>		<b>0:03:02</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:03:10</b>	<b>No. of excursion below 50.00 Hz</b>		<b>152</b>