

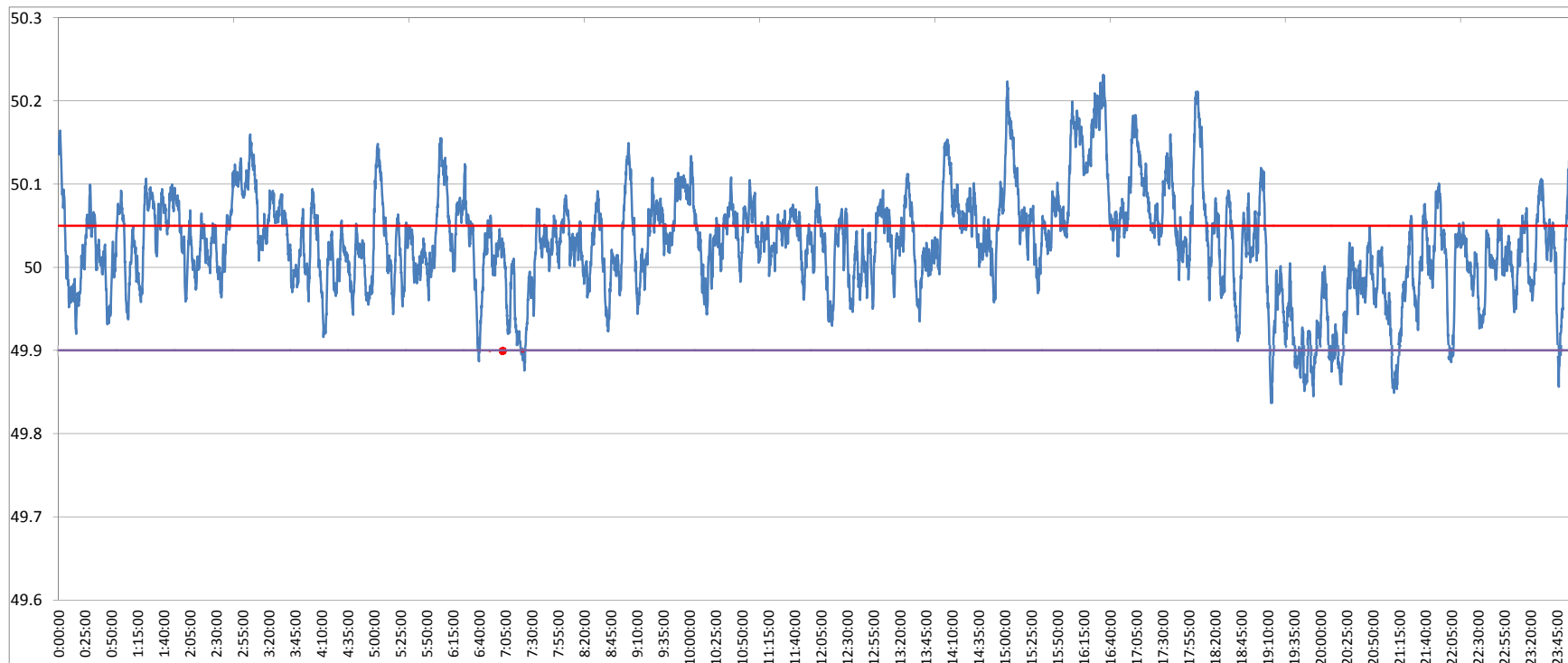


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

02-Aug-15



<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	3.04	15.15	0.00	3.04	25.59	60.97	9.87	61.88	99.48	34.78	24.83	71.30	50.07	35.08	0.52

<b>Average Frequency</b>	<b>50.03</b>	<b>Frequency Variation Index :</b>	<b>0.046</b>	<b>Standard Deviation :</b>	<b>0.061</b>
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<b>Instantaneous Frequency</b>	
<b>Max</b>	<b>50.23 16:33:20</b>
<b>Min</b>	<b>49.84 19:13:50</b>

<b>15 minute average Frequency</b>	
<b>Max</b>	<b>50.155 16:15:00</b>
<b>Min</b>	<b>49.895 20:00:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>178</b>
<b>No. of excursion below 49.97 Hz</b>	<b>87</b>
<b>No. of excursion above 50.00 Hz</b>	<b>152</b>
<b>No. of excursion below 50.00 Hz</b>	<b>150</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:30</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:03</b>
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