

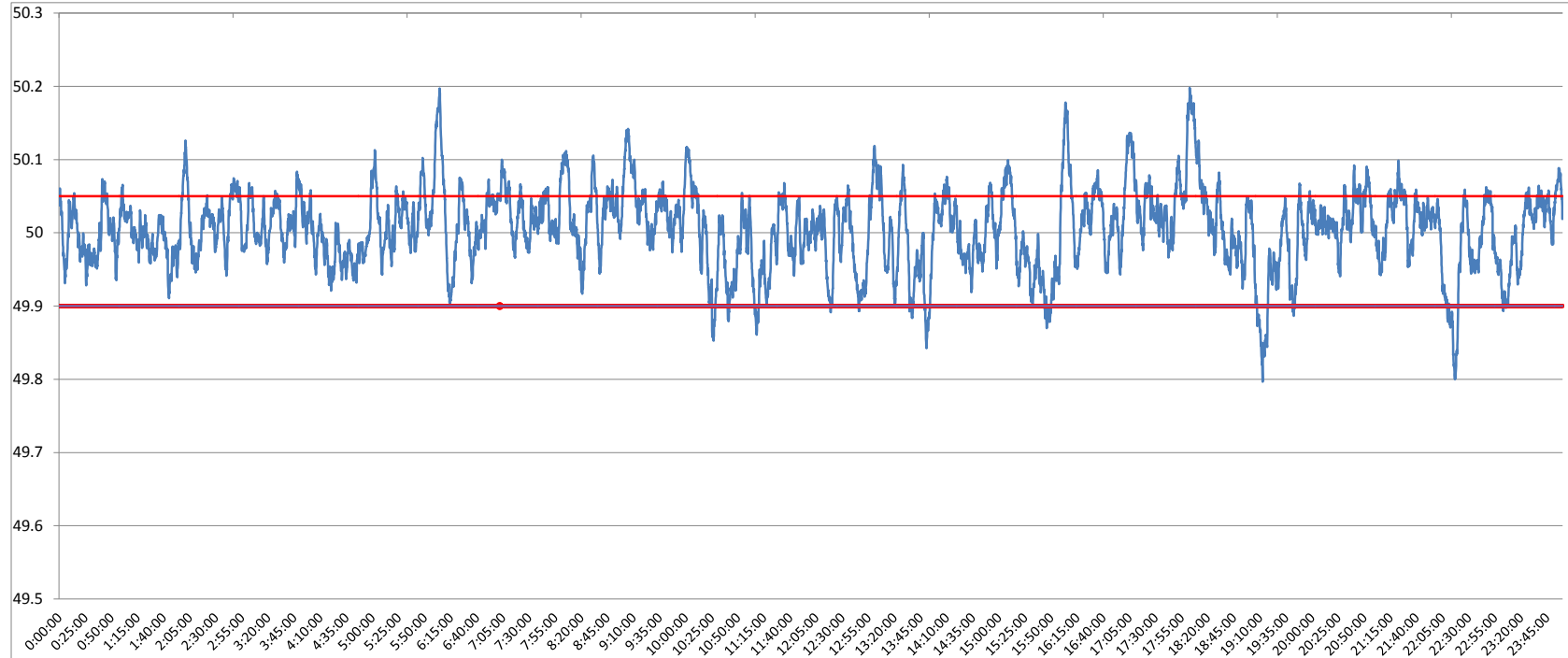


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

22-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	3.10	23.62	0.01	3.09	40.27	53.25	3.38	79.29	100.00	44.31	14.32	56.60	32.07	17.60	0.00

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.029</b>	<b>Standard Deviation :</b>	<b>0.054</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.2</b>	<b>18:02:50</b>
<b>Min</b>	<b>49.80</b>	<b>19:12:30</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.132</b>	<b>18:15:00</b>
<b>Min</b>	<b>49.916</b>	<b>19:15:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>174</b>
<b>No. of excursion below 49.97 Hz</b>	<b>126</b>
<b>No. of excursion above 50.00 Hz</b>	<b>167</b>
<b>No. of excursion below 50.00 Hz</b>	<b>165</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:42</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:39</b>
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