

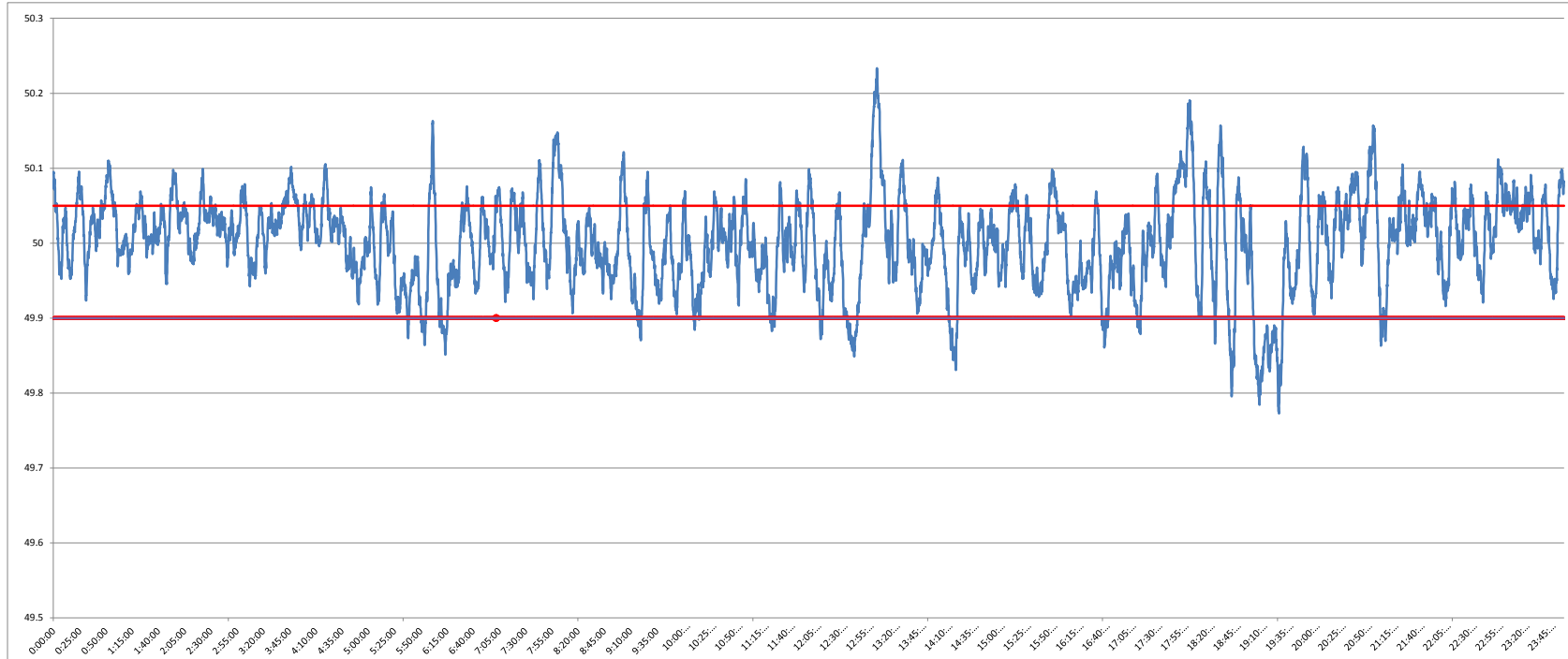


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

13-Apr-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	6.02	29.20	0.20	5.82	40.71	49.93	3.19	73.25	99.85	37.53	17.44	53.18	33.26	20.73	0.15

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.037</b>	<b>Standard Deviation :</b>	<b>0.061</b>
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<b>Instantaneous Frequency</b>		
<b>MAX</b>	<b>50.23</b>	<b>13:05:00</b>
<b>Min</b>	<b>49.77</b>	<b>19:28:00</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.127</b>	<b>13:15:00</b>
<b>Min</b>	<b>49.853</b>	<b>19:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>173</b>
<b>No. of excursion below 49.97 Hz</b>	<b>135</b>
<b>No. of excursion above 50.00 Hz</b>	<b>169</b>
<b>No. of excursion below 50.00 Hz</b>	<b>170</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:07</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:46</b>
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