

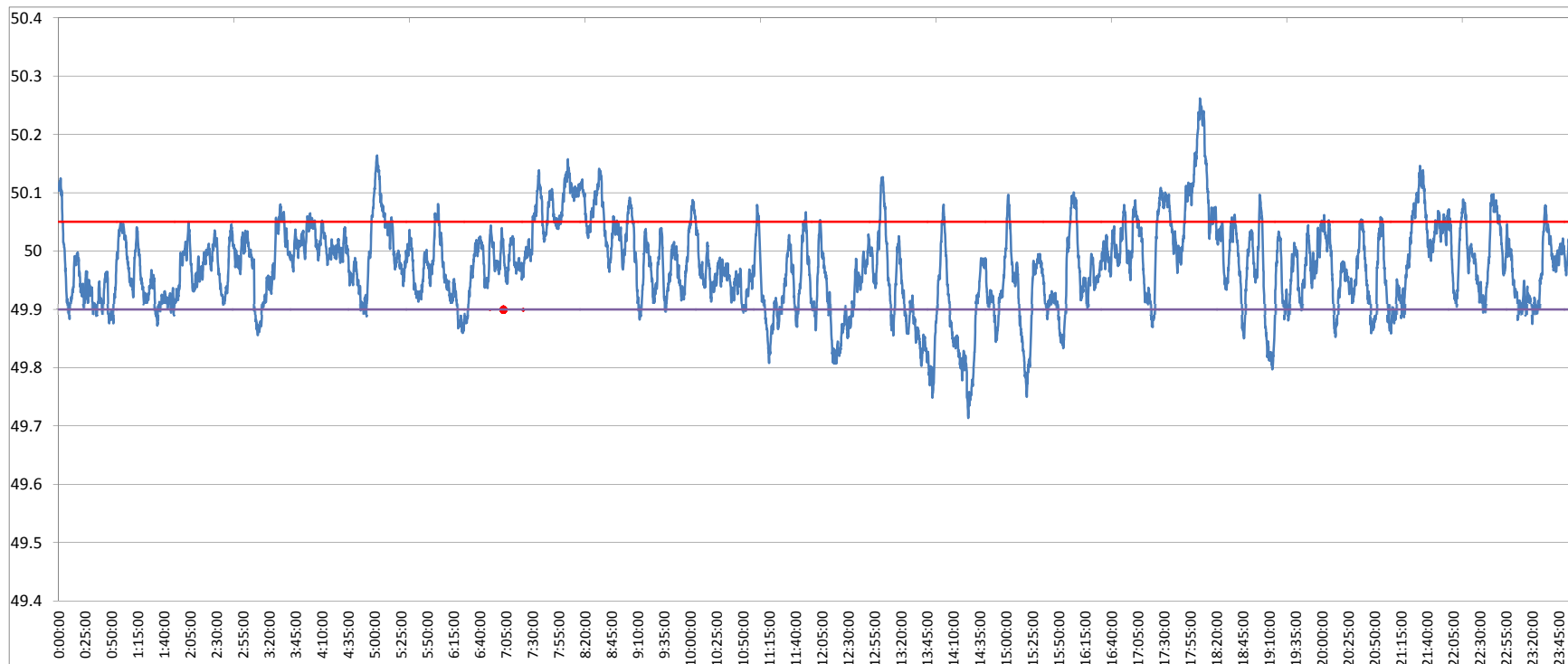


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

09-Jun-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	14.16	46.57	1.17	12.99	49.75	31.83	3.82	71.40	99.55	30.96	10.22	36.00	22.47	14.44	0.45

<b>Average Frequency</b>	<b>49.97</b>	<b>Frequency Variation Index :</b>	<b>0.061</b>	<b>Standard Deviation :</b>	<b>0.074</b>
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<b>Instantaneous Frequency</b>	
<b>Max</b>	<b>50.26 18:04:10</b>
<b>Min</b>	<b>49.71 14:24:00</b>

<b>15 minute average Frequency</b>	
<b>Max</b>	<b>50.166 18:15:00</b>
<b>Min</b>	<b>49.785 14:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>109</b>
<b>No. of excursion below 49.97 Hz</b>	<b>117</b>
<b>No. of excursion above 50.00 Hz</b>	<b>124</b>
<b>No. of excursion below 50.00 Hz</b>	<b>124</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:05:44</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:58</b>
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