

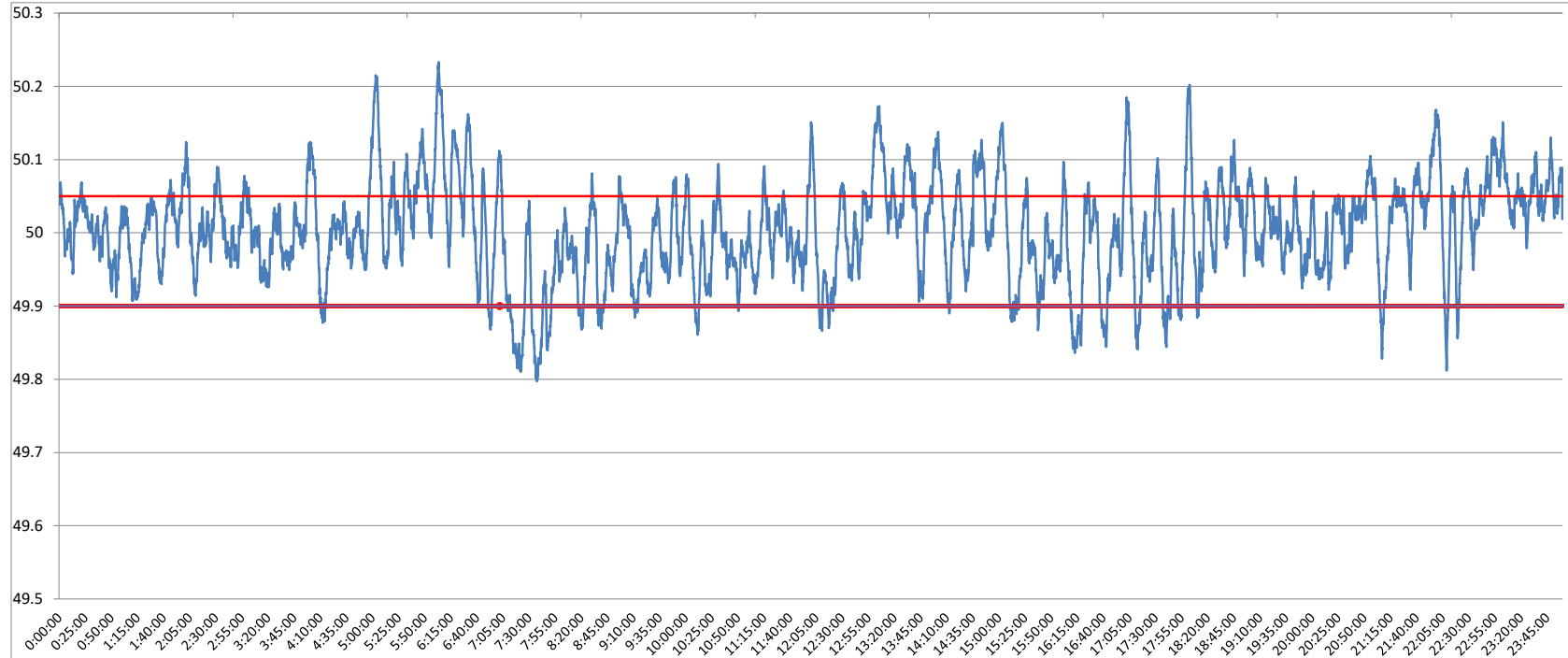


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SARUSJAI:Frequency

National Grid Frequency Profile for

06-Jan-17



<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	7.62	30.75	0.03	7.58	39.13	45.97	6.97	69.68	99.69	34.83	16.25	52.20	34.42	22.71	0.31

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.047</b>	<b>Standard Deviation :</b>	<b>0.068</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.23</b>	<b>6:03:30</b>
<b>Min</b>	<b>49.80</b>	<b>7:37:30</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.110</b>	<b>6:15:00</b>
<b>Min</b>	<b>49.869</b>	<b>7:45:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>134</b>
<b>No. of excursion below 49.97 Hz</b>	<b>116</b>
<b>No. of excursion above 50.00 Hz</b>	<b>109</b>
<b>No. of excursion below 50.00 Hz</b>	<b>112</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:49</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:42</b>
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