

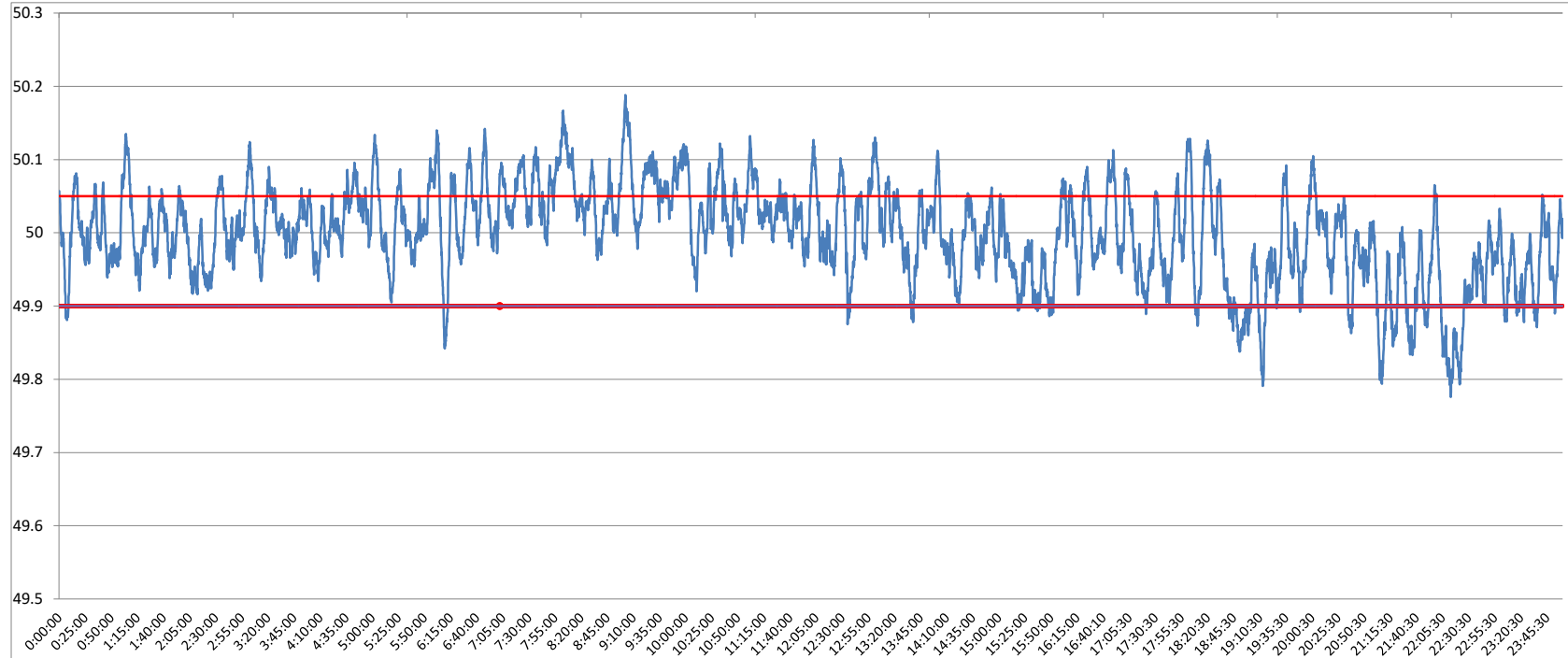


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VIJAYAWADA:Frequency

National Grid Frequency Profile for

06-Apr-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	7.59	30.69	0.25	7.34	40.57	46.91	4.93	70.74	100.00	36.69	17.48	50.49	32.62	21.67	0.00

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.042</b>	<b>Standard Deviation :</b>	<b>0.065</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.19</b>	<b>9:02:20</b>
<b>Min</b>	<b>49.78</b>	<b>22:13:20</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.108</b>	<b>8:15:00</b>
<b>Min</b>	<b>49.858</b>	<b>22:15:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>126</b>
<b>No. of excursion below 49.97 Hz</b>	<b>120</b>
<b>No. of excursion above 50.00 Hz</b>	<b>102</b>
<b>No. of excursion below 50.00 Hz</b>	<b>99</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:41</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:44</b>
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