

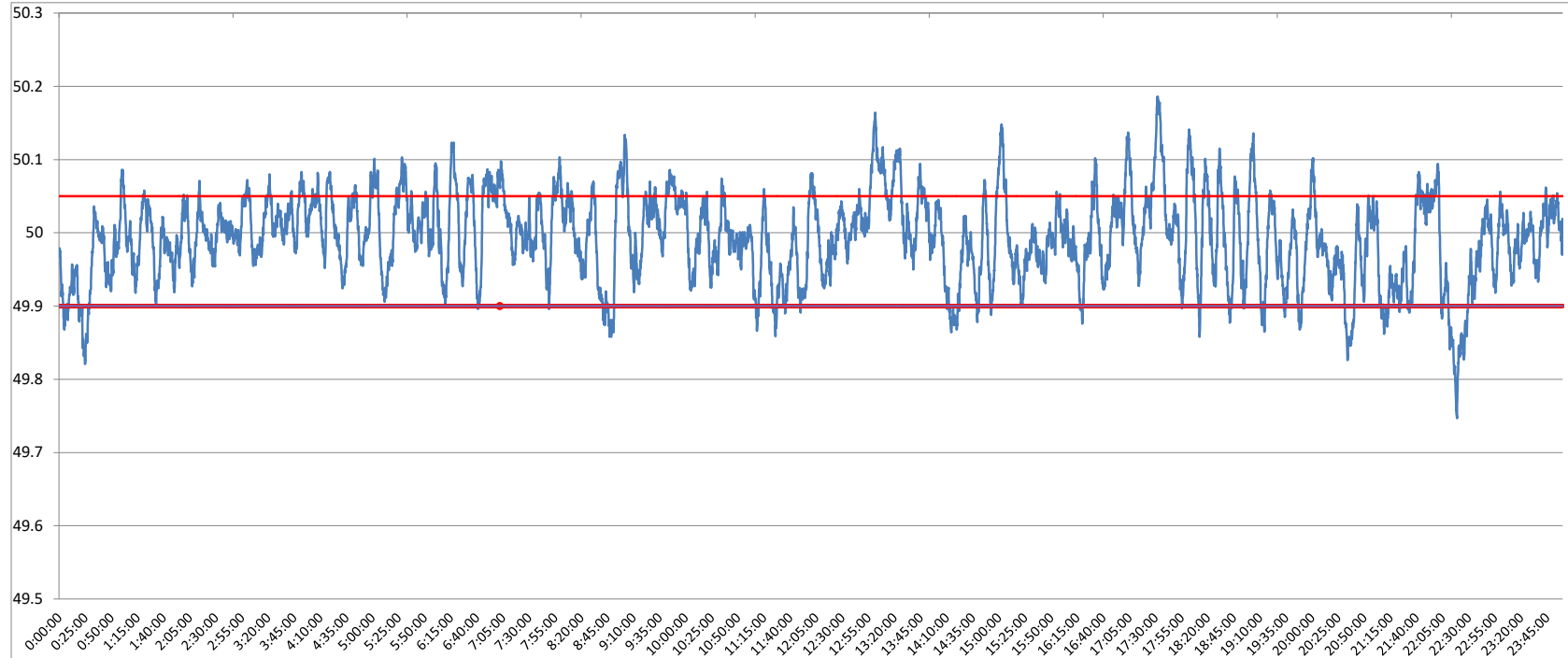


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VIJAYAWADA:Frequency

National Grid Frequency Profile for

25-Mar-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	6.69	32.49	0.16	6.53	46.06	44.44	2.80	77.25	100.00	39.98	14.02	45.96	27.53	16.06	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.036</b>	<b>Standard Deviation :</b>	<b>0.060</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.19</b>	<b>17:32:10</b>
<b>Min</b>	<b>49.75</b>	<b>22:18:40</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.092</b>	<b>13:15:00</b>
<b>Min</b>	<b>49.837</b>	<b>22:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>116</b>
<b>No. of excursion below 49.97 Hz</b>	<b>113</b>
<b>No. of excursion above 50.00 Hz</b>	<b>111</b>
<b>No. of excursion below 50.00 Hz</b>	<b>122</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:08</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:25</b>
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