

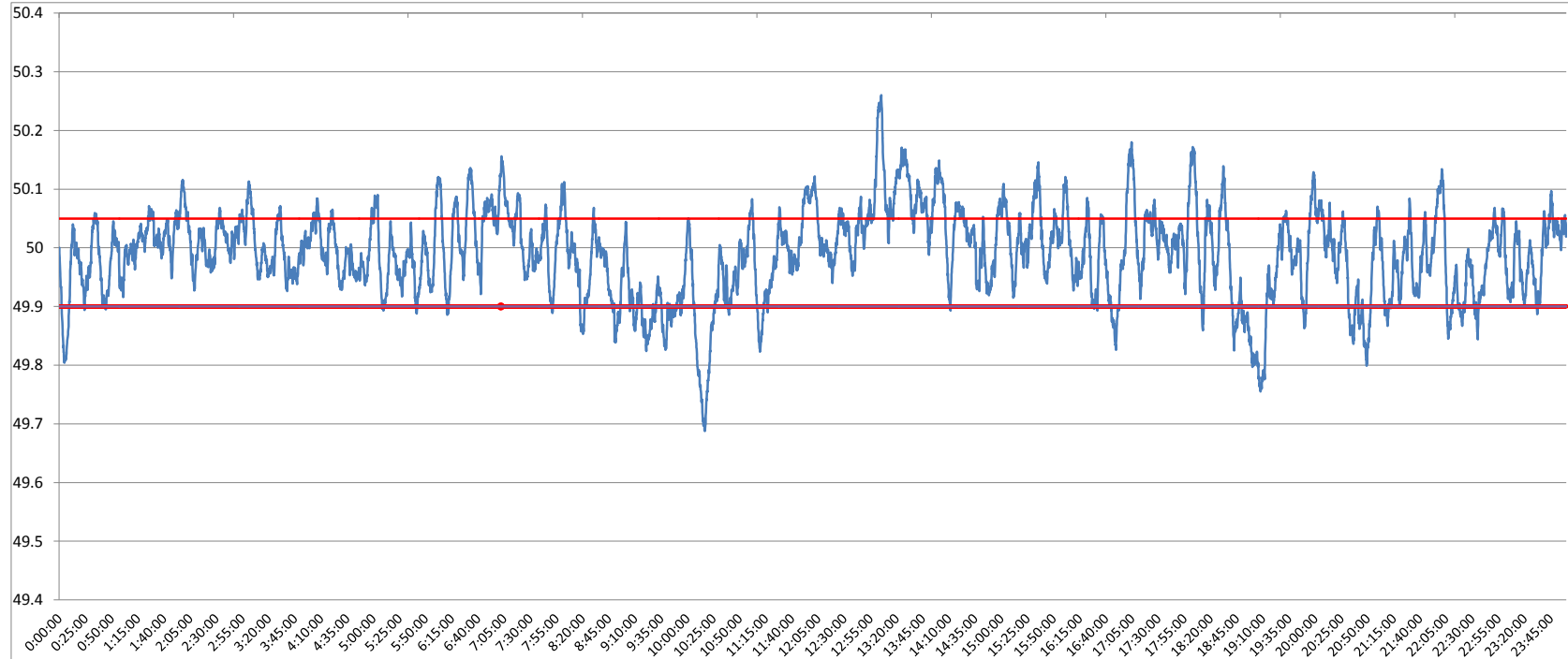


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SRIPERUMBUDUR:Frequency

National Grid Frequency Profile for

21-Mar-16



<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	0.09	11.53	36.55	1.23	10.21	41.23	41.34	5.56	68.69	99.56	33.55	14.50	46.22	29.90	19.78	0.35

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.058</b>	<b>Standard Deviation :</b>	<b>0.075</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.26</b>	<b>13:05:20</b>
<b>Min</b>	<b>49.69</b>	<b>10:16:50</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.141</b>	<b>13:15:00</b>
<b>Min</b>	<b>49.811</b>	<b>19:15:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>101</b>
<b>No. of excursion below 49.97 Hz</b>	<b>105</b>
<b>No. of excursion above 50.00 Hz</b>	<b>87</b>
<b>No. of excursion below 50.00 Hz</b>	<b>103</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:05:01</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:16</b>
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