

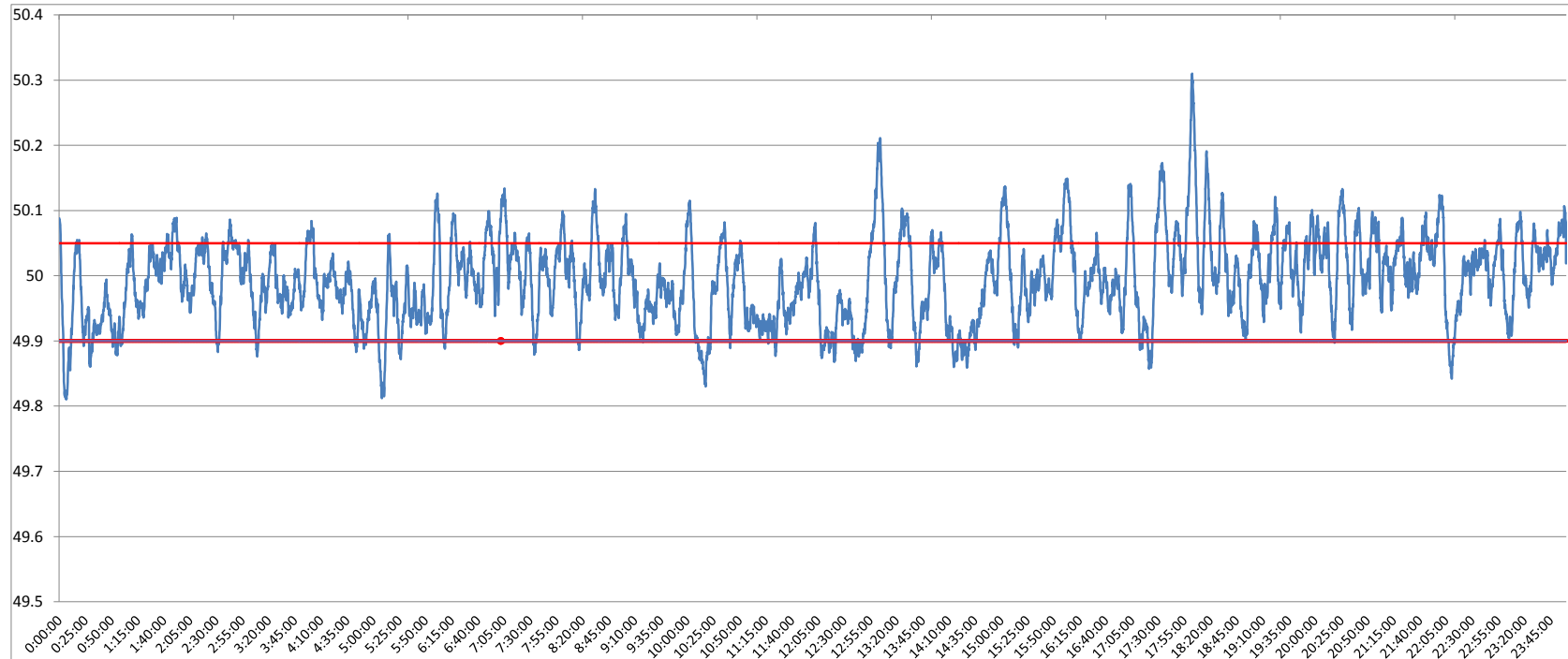


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SRIPERUMBUDUR:Frequency

National Grid Frequency Profile for

28-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	0.00	7.05	35.96	0.00	7.05	46.83	41.52	4.25	74.59	99.64	35.38	14.19	45.03	28.66	18.36	0.36

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.043</b>	<b>Standard Deviation :</b>	<b>0.065</b>
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Instantaneous Frequency	
Max	50.31 18:02:20
Min	49.81 0:06:30

15 minute average Frequency		
Max	50.107	18:15:00
Min	49.886	14:30:00

No. of excursion above 50.03 Hz	108
No. of excursion below 49.97 Hz	107
No. of excursion above 50.00 Hz	112
No. of excursion below 50.00 Hz	99

Average time freq remains below 49.97 per excursion	0:04:50	Average time frequency remains above 50.03 per excursion	0:03:49
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