

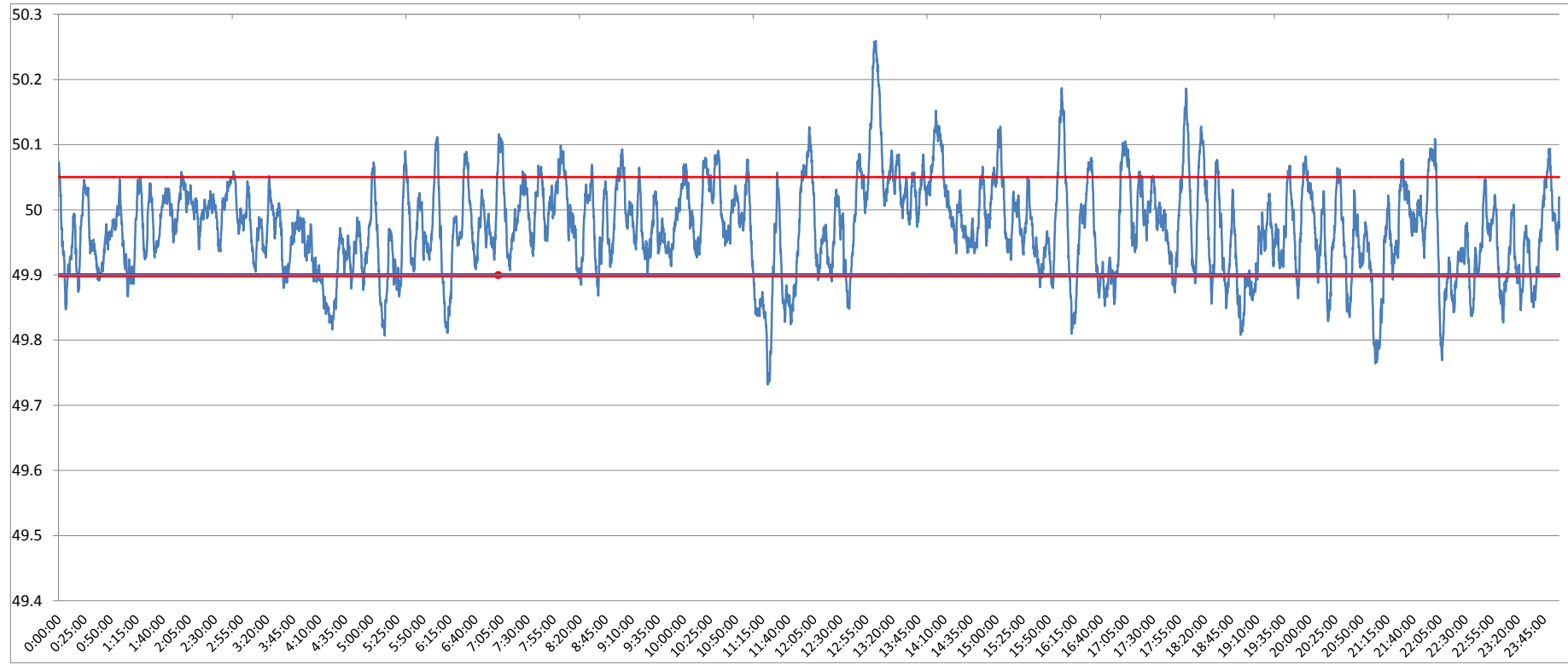


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

THRISSUR:Frequency

National Grid Frequency Profile for

09-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	15.30	48.24	0.87	14.43	49.39	32.34	2.60	72.16	99.63	31.24	9.99	34.18	20.52	12.53	0.37

<b>Average Frequency</b>	<b>49.97</b>	<b>Frequency Variation Index :</b>	<b>0.058</b>	<b>Standard Deviation :</b>	<b>0.071</b>
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Instantaneous Frequency	
Max	50.259 13:04:10
Min	49.73 11:20:20

15 minute average Frequency	
Max	50.144 13:15:00
Min	49.851 21:15:00

No. of excursion above 50.03 Hz	89
No. of excursion below 49.97 Hz	114
No. of excursion above 50.00 Hz	77
No. of excursion below 50.00 Hz	76

Average time freq remains below 49.97 per excursion	0:06:06	Average time frequency remains above 50.03 per excursion	0:03:19
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