

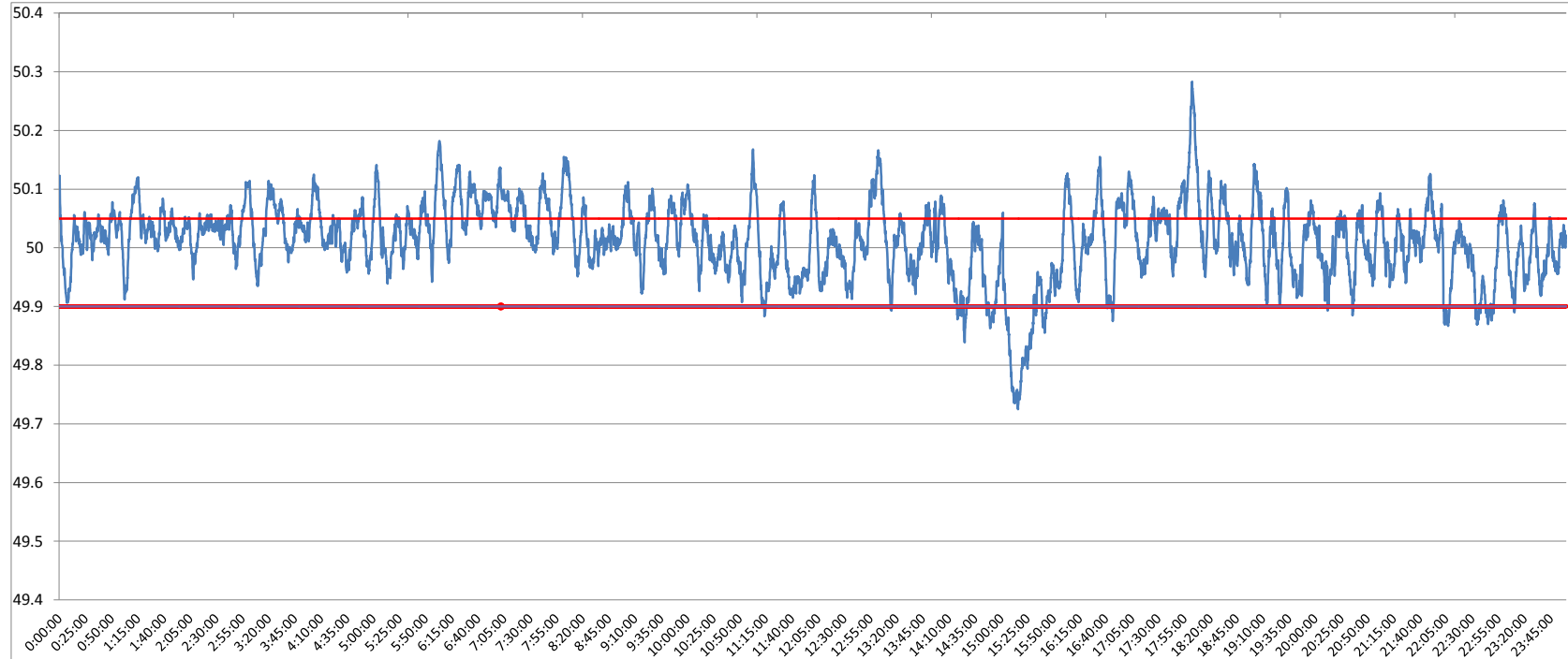


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

THRISSUR:Frequency

National Grid Frequency Profile for

30-Apr-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	4.73	22.78	0.81	3.92	32.34	56.18	6.45	68.38	99.70	37.07	21.10	61.66	40.15	26.89	0.30

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.044</b>	<b>Standard Deviation :</b>	<b>0.065</b>
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Instantaneous Frequency		
Max	50.28	18:02:20
Min	49.73	15:16:00

15 minute average Frequency		
Max	50.122	18:15:00
Min	49.801	15:30:00

No. of excursion above 50.03 Hz	134
No. of excursion below 49.97 Hz	96
No. of excursion above 50.00 Hz	106
No. of excursion below 50.00 Hz	114

Average time freq remains below 49.97 per excursion	0:03:25	Average time frequency remains above 50.03 per excursion	0:04:19
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