

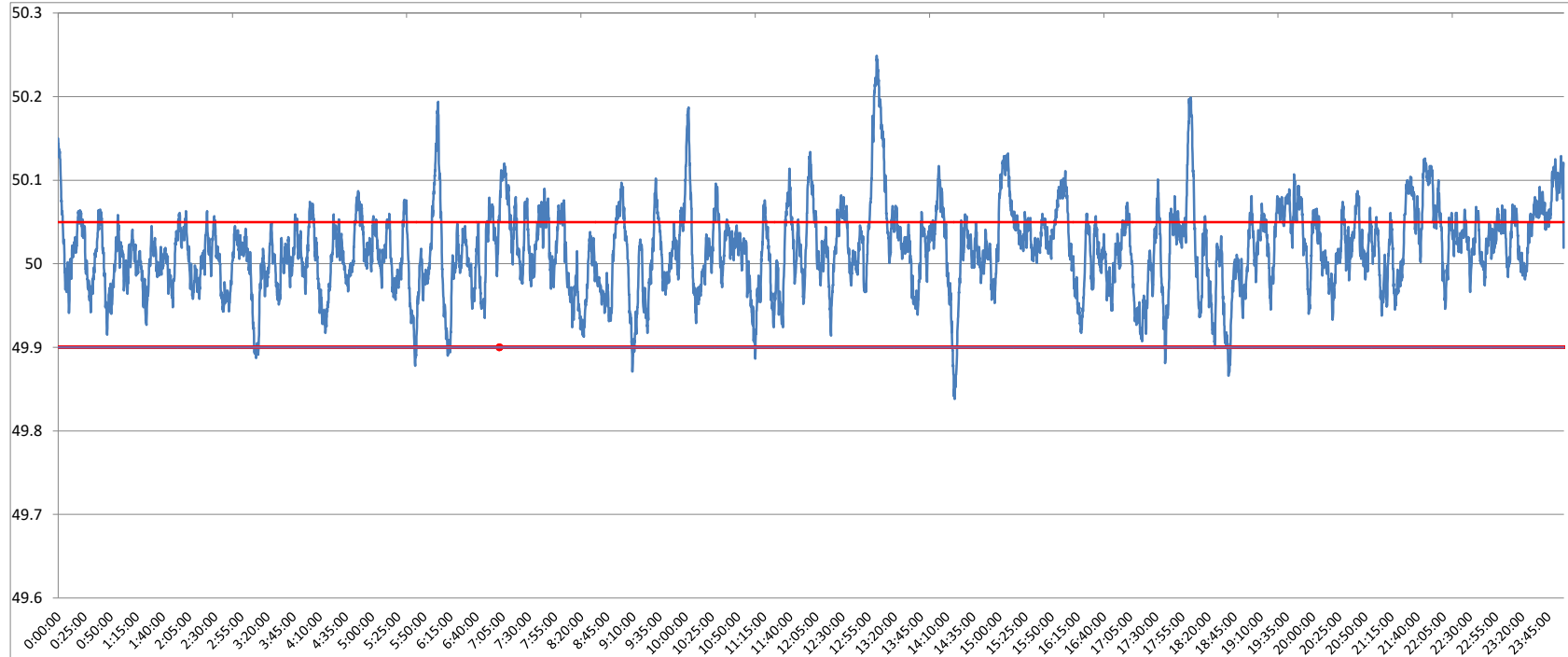


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VIJAYAWADA:Frequency

National Grid Frequency Profile for

08-Oct-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	1.18	16.60	0.00	1.18	33.16	61.04	4.28	76.39	99.66	45.47	18.66	63.83	37.93	22.43	0.34

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.028</b>	<b>Standard Deviation :</b>	<b>0.050</b>
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Instantaneous Frequency	
Max	50.25 13:02:40
Min	49.84 14:17:20

15 minute average Frequency		
Max	50.149	13:15:00
Min	49.947	18:45:00

No. of excursion above 50.03 Hz	151
No. of excursion below 49.97 Hz	98
No. of excursion above 50.00 Hz	123
No. of excursion below 50.00 Hz	126

Average time freq remains below 49.97 per excursion	0:02:26	Average time frequency remains above 50.03 per excursion	0:03:37
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