

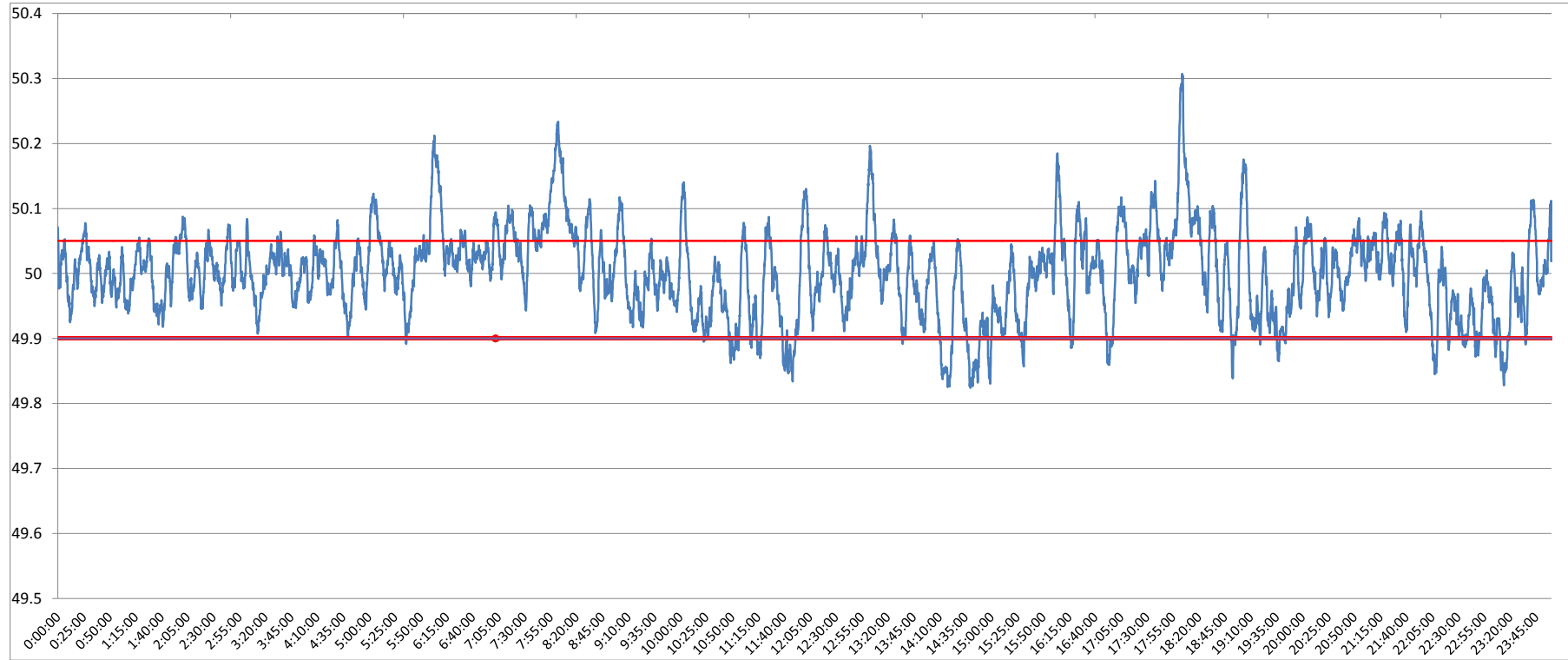


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

23-May-15



<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	6.68	30.73	0.00	6.68	41.56	45.90	5.28	73.53	99.42	37.69	13.96	51.68	31.59	19.79	0.58

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.045</b>	<b>Standard Deviation :</b>	<b>0.067</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.31 18:04:00
Min	49.82 14:39:50

15 minute average Frequency	
Max	50.166 18:15:00
Min	49.892 15:00:00

No. of excursion above 50.03 Hz	155
No. of excursion below 49.97 Hz	115
No. of excursion above 50.00 Hz	145
No. of excursion below 50.00 Hz	143

Average time freq remains below 49.97 per excursion	0:03:51	Average time frequency remains above 50.03 per excursion	0:02:56
-----------------------------------------------------	---------	----------------------------------------------------------	---------