

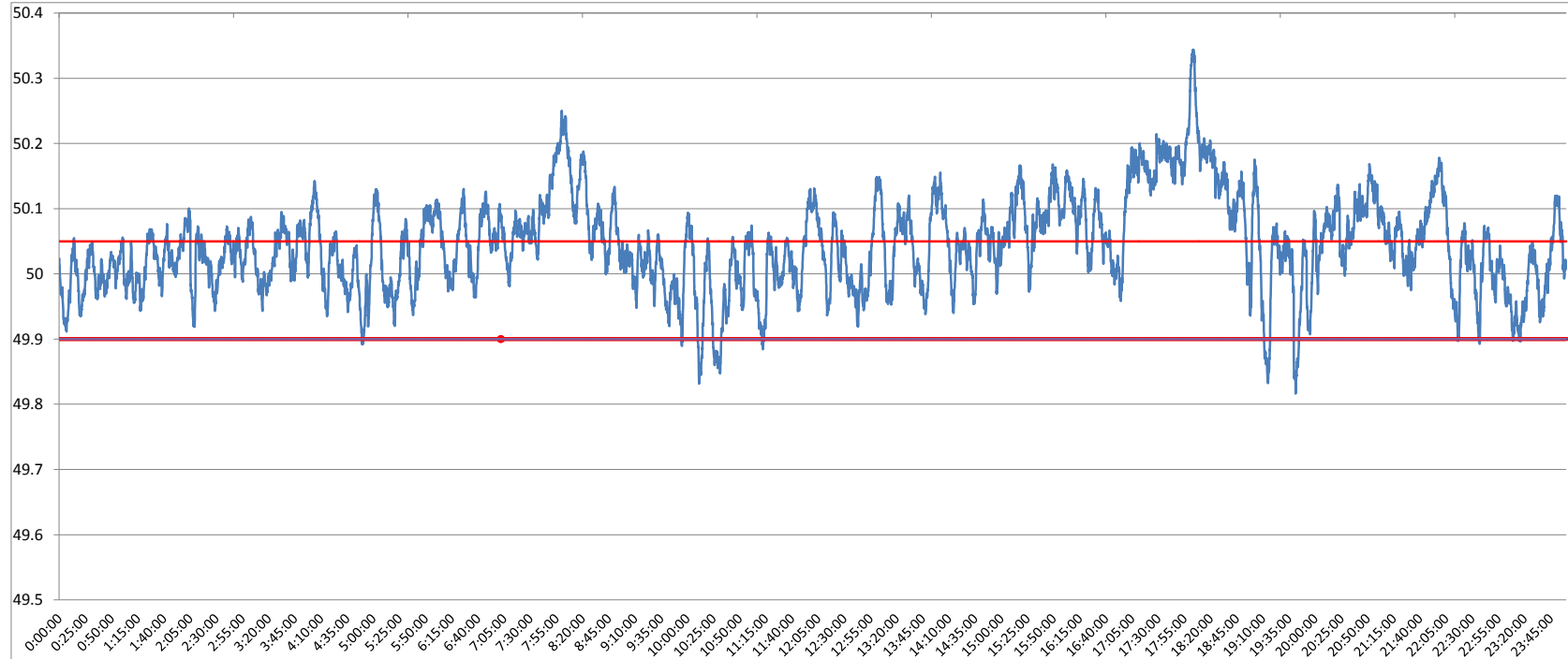


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

23-May-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	2.00	13.87	0.00	2.00	24.97	53.17	18.32	53.02	98.46	29.77	25.17	73.00	56.37	44.98	1.54

<b>Average Frequency</b>	<b>50.04</b>	<b>Frequency Variation Index :</b>	<b>0.071</b>	<b>Standard Deviation :</b>	<b>0.072</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.34 18:03:40
Min	49.82 19:41:20

15 minute average Frequency		
Max	50.246	18:15:00
Min	49.945	23:15:00

No. of excursion above 50.03 Hz	144
No. of excursion below 49.97 Hz	95
No. of excursion above 50.00 Hz	126
No. of excursion below 50.00 Hz	126

Average time freq remains below 49.97 per excursion	0:02:06	Average time frequency remains above 50.03 per excursion	0:05:38
---	---------	--	---------