

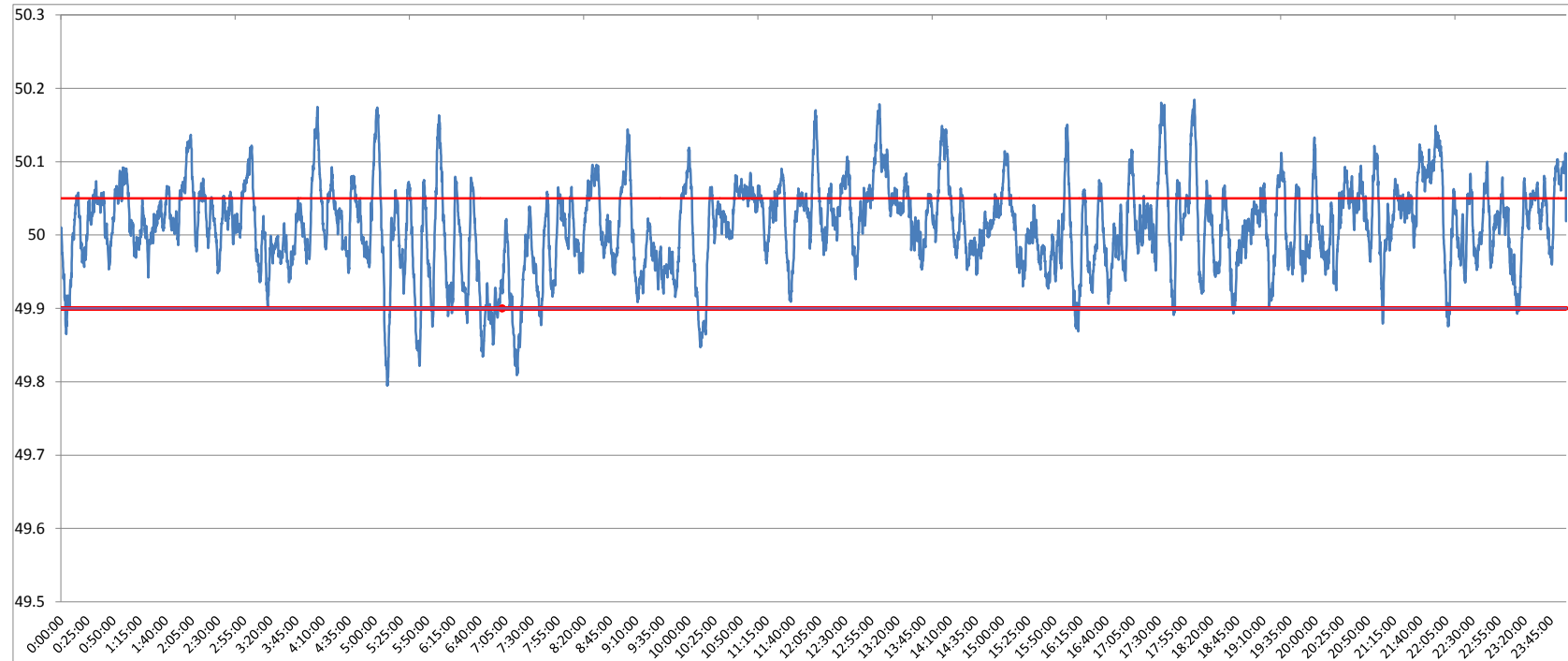


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

03-Feb-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	4.09	22.28	0.02	4.06	36.55	53.26	6.10	69.38	100.00	37.95	20.57	59.29	39.77	26.54	0.00

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.037</b>	<b>Standard Deviation :</b>	<b>0.060</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.18 18:04:10
Min	49.79 5:12:00

15 minute average Frequency		
Max	50.104	22:00:00
Min	49.896	7:00:00

No. of excursion above 50.03 Hz	154
No. of excursion below 49.97 Hz	122
No. of excursion above 50.00 Hz	146
No. of excursion below 50.00 Hz	147

Average time freq remains below 49.97 per excursion	0:02:38	Average time frequency remains above 50.03 per excursion	0:03:43
---	---------	--	---------