

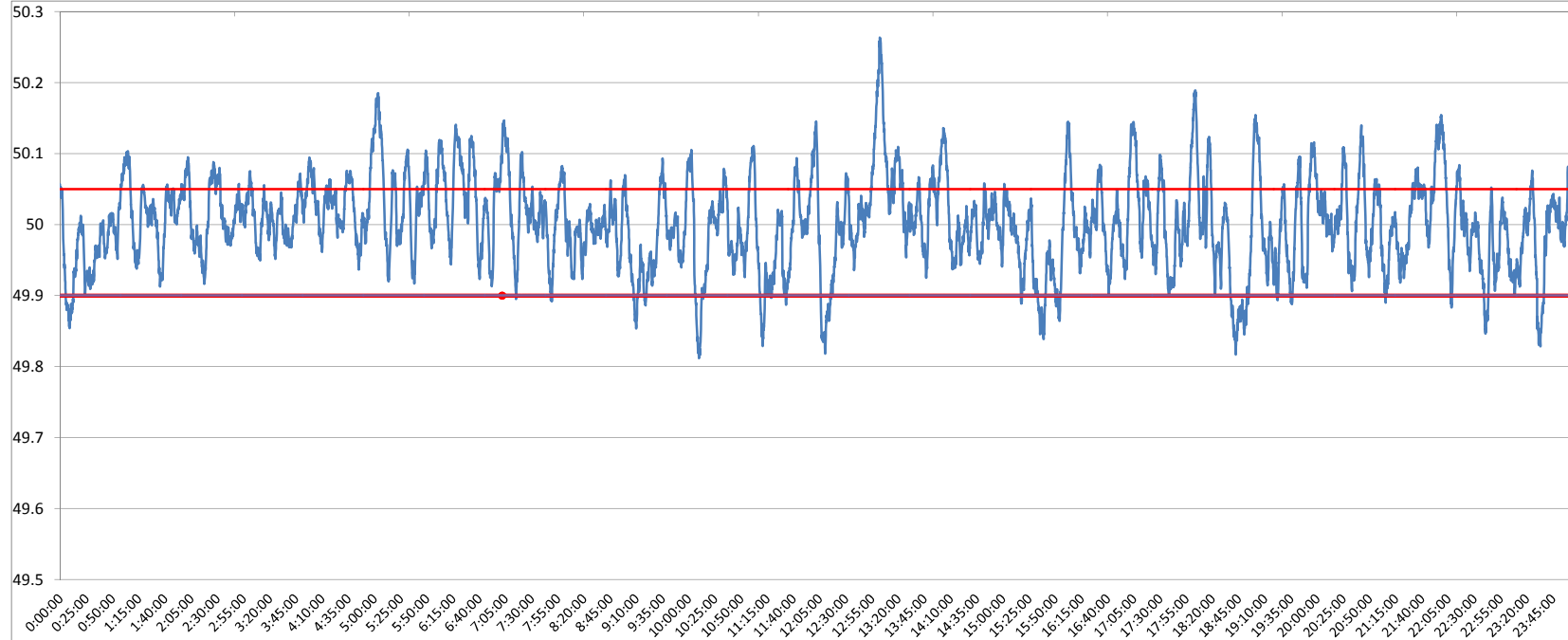


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

20-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	5.61	29.79	0.00	5.61	43.40	44.69	6.01	73.07	99.71	39.93	15.10	50.87	30.28	21.32	0.29

Average Frequency		50.00	Frequency Variation Index :		0.041	Standard Deviation :		0.064
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		122
Max	50.26	13:02:40	Max	50.129	13:15:00	No. of excursion below 49.97 Hz		118
Min	49.81	10:09:50	Min	49.901	15:45:00	No. of excursion above 50.00 Hz		168
Average time freq remains below 49.97 per excursion		0:03:38	Average time frequency remains above 50.03 per excursion		0:03:34	No. of excursion below 50.00 Hz		165