

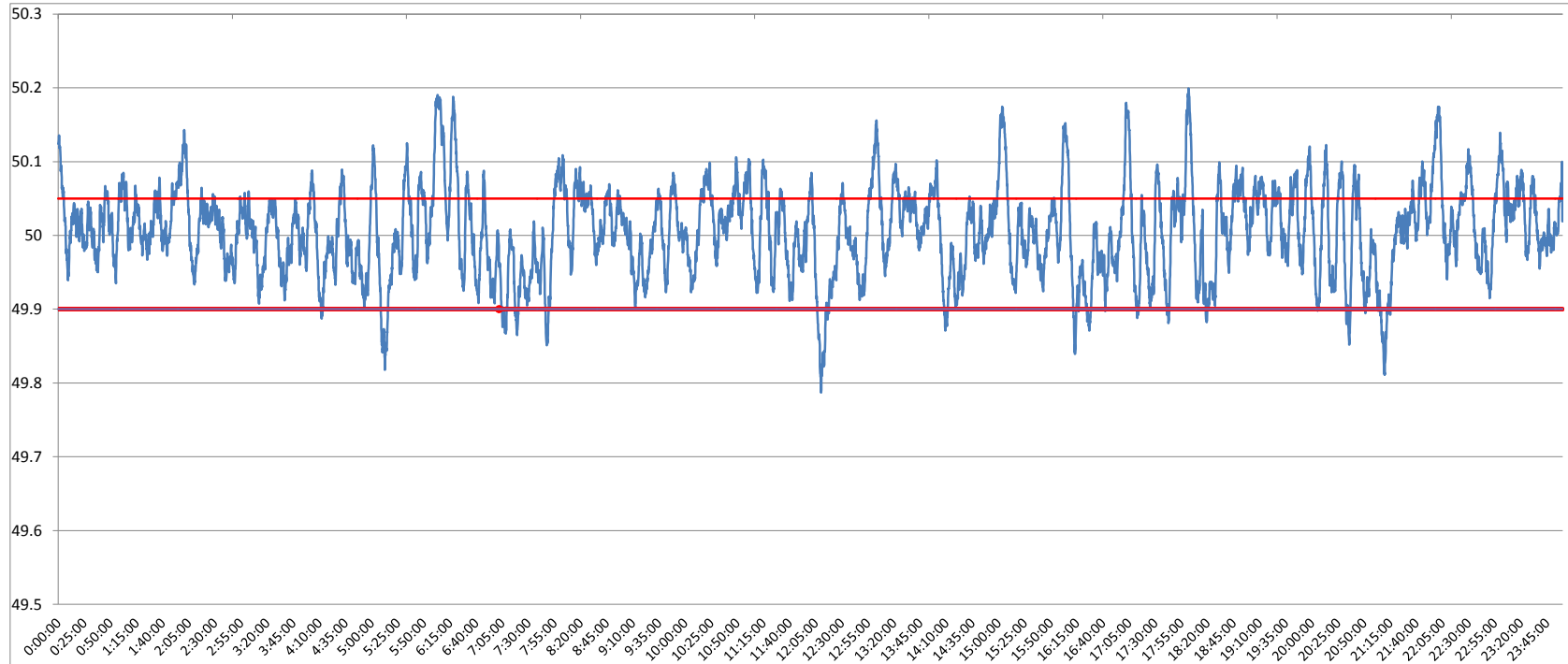


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

09-Jan-17



<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	3.92	27.77	0.02	3.90	42.36	48.92	4.79	73.47	100.00	37.25	17.89	53.65	34.99	22.60	0.00

Average Frequency		50.00	Frequency Variation Index :		0.037	Standard Deviation :		0.061
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		160
Max	50.2	18:01:50	Max	50.114	6:15:00	No. of excursion below 49.97 Hz		124
Min	49.79	12:10:10	Min	49.894	21:15:00	No. of excursion above 50.00 Hz		173
						No. of excursion below 50.00 Hz		175
Average time freq remains below 49.97 per excursion		0:03:13	Average time frequency remains above 50.03 per excursion		0:03:09			