

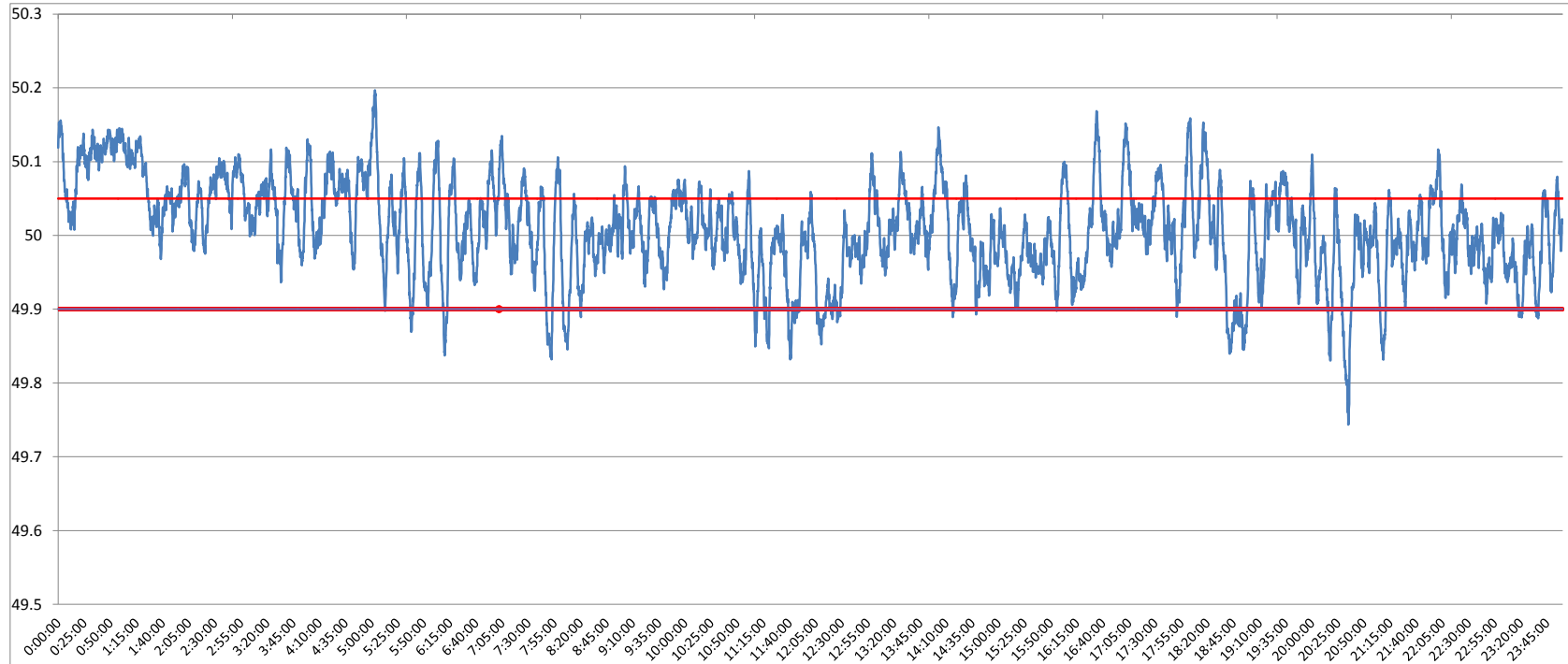


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

14-Mar-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	5.98	25.69	0.17	5.81	38.34	47.57	8.10	67.03	100.00	36.64	18.99	55.60	37.66	26.99	0.00

Average Frequency		50.01	Frequency Variation Index :		0.043	Standard Deviation :		0.065
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		131
Max	50.2	5:03:10	Max	50.127	1:00:00	No. of excursion below 49.97 Hz		132
Min	49.74	20:34:50	Min	49.894	19:00:00	No. of excursion above 50.00 Hz		169
						No. of excursion below 50.00 Hz		166
Average time freq remains below 49.97 per excursion		0:02:48	Average time frequency remains above 50.03 per excursion		0:04:08			