

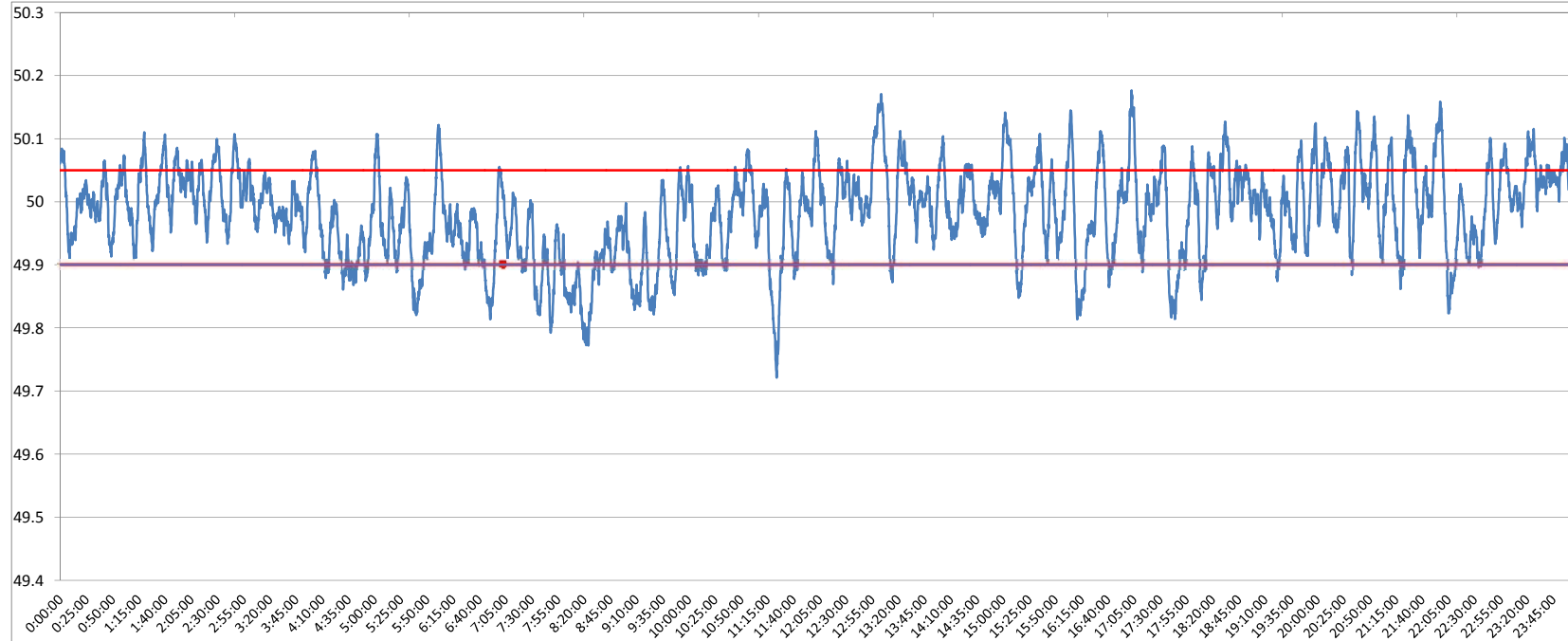


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

25-Nov-15



<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	13.94	40.39	0.72	13.22	42.71	39.75	3.61	68.75	100.00	33.00	13.73	43.32	26.61	17.31	0.00

Average Frequency		49.98	Frequency Variation Index :		0.055	Standard Deviation :		0.072
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		127
Max	50.18	17:02:40	Max	50.068	22:00:00	No. of excursion below 49.97 Hz		117
Min	49.72	11:24:00	Min	49.824	8:30:00	No. of excursion above 50.00 Hz		152
Average time freq remains below 49.97 per excursion		0:04:58	Average time frequency remains above 50.03 per excursion		0:03:01	No. of excursion below 50.00 Hz		148