

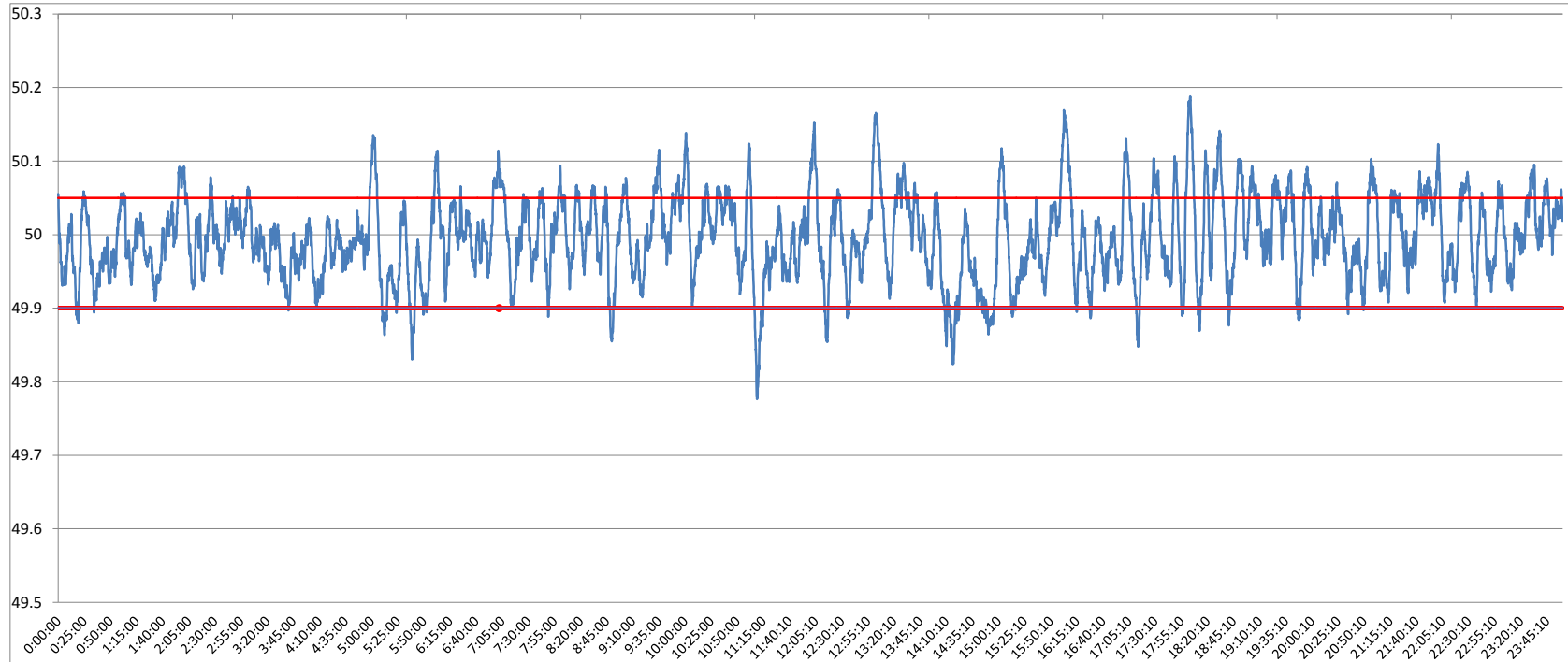


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

07-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	4.48	34.31	0.10	4.38	50.34	42.09	3.09	77.75	100.00	38.29	14.75	45.12	27.41	17.77	0.00

Average Frequency		49.99	Frequency Variation Index :		0.033	Standard Deviation :		0.057
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		124
Max	50.19	18:03:30	Max	50.064	13:15:00	No. of excursion below 49.97 Hz		170
Min	49.78	11:08:50	Min	49.909	15:00:00	No. of excursion above 50.00 Hz		174
						No. of excursion below 50.00 Hz		172
Average time freq remains below 49.97 per excursion		0:02:54	Average time frequency remains above 50.03 per excursion		0:03:11			