

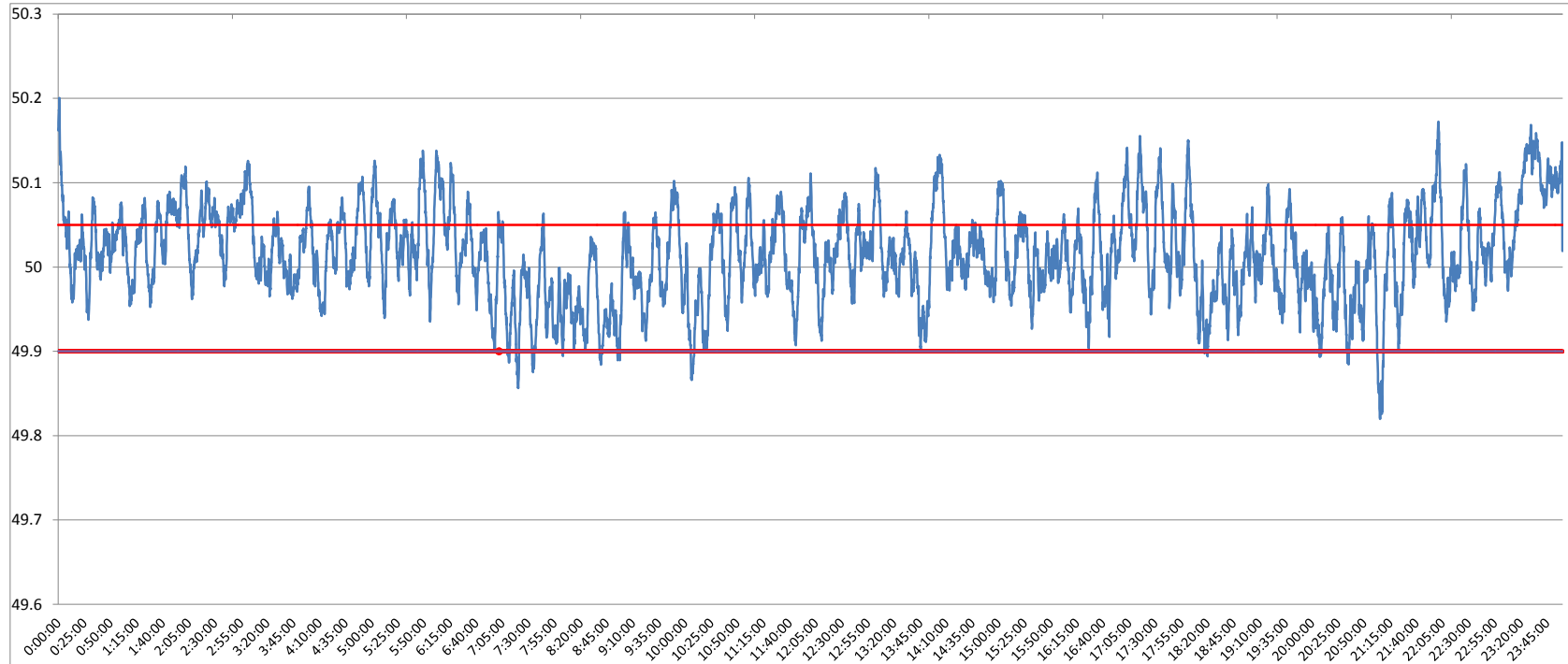


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

22-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	1.57	19.61	0.00	1.57	38.19	54.05	6.17	71.74	99.99	41.74	20.57	60.15	38.66	26.69	0.01

Average Frequency		50.01	Frequency Variation Index :		0.032	Standard Deviation :		0.055
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		156
Max	50.2	0:01:10	Max	50.115	23:45:00	No. of excursion below 49.97 Hz		124
Min	49.82	21:05:10	Min	49.935	9:00:00	No. of excursion above 50.00 Hz		169
						No. of excursion below 50.00 Hz		171
Average time freq remains below 49.97 per excursion		0:02:17	Average time frequency remains above 50.03 per excursion		0:03:34			