

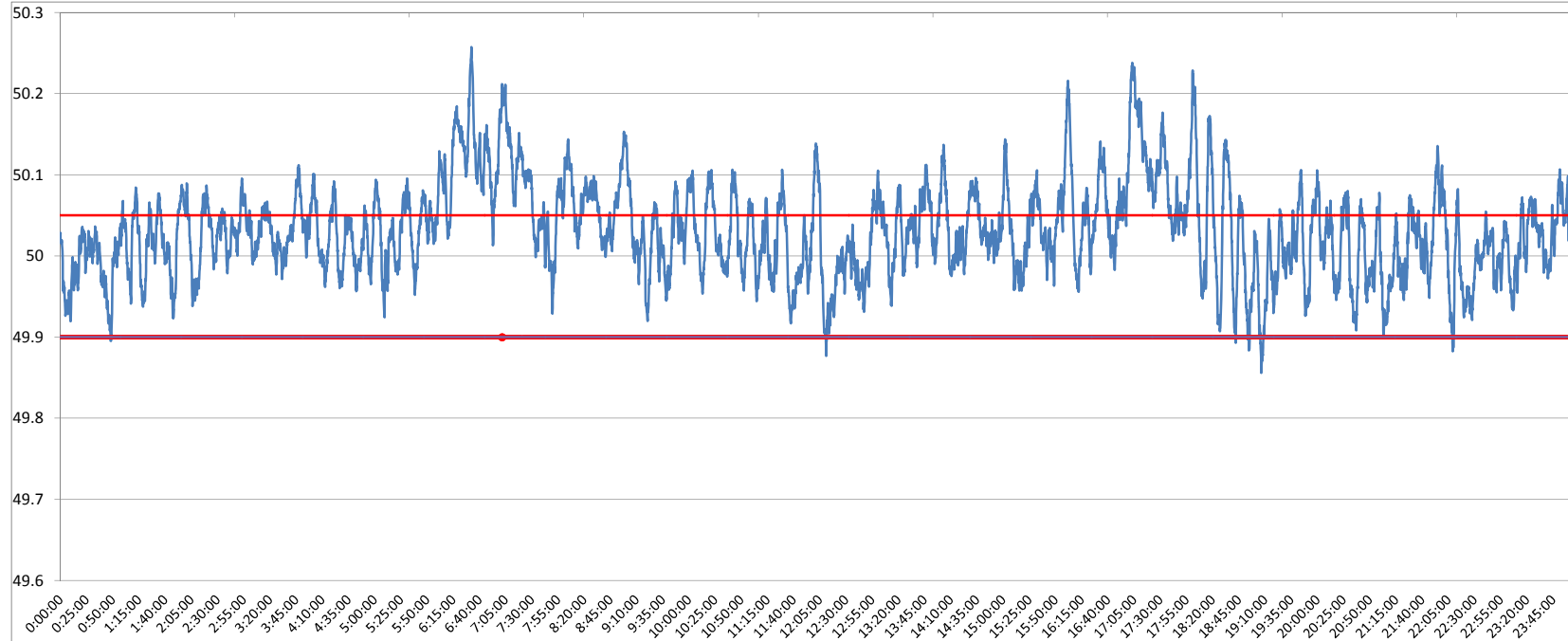


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

24-Mar-16



<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	0.56	13.68	0.00	0.56	29.57	58.90	10.09	64.63	99.12	37.56	23.90	69.83	48.76	34.81	0.88

Average Frequency		50.03	Frequency Variation Index :		0.043	Standard Deviation :		0.058
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		173
Max	50.26	6:32:40	Max	50.182	17:15:00	No. of excursion below 49.97 Hz		111
Min	49.86	19:06:40	Min	49.955	19:15:00	No. of excursion above 50.00 Hz		149
Average time freq remains below 49.97 per excursion		0:01:46	Average time frequency remains above 50.03 per excursion		0:04:04	No. of excursion below 50.00 Hz		149