

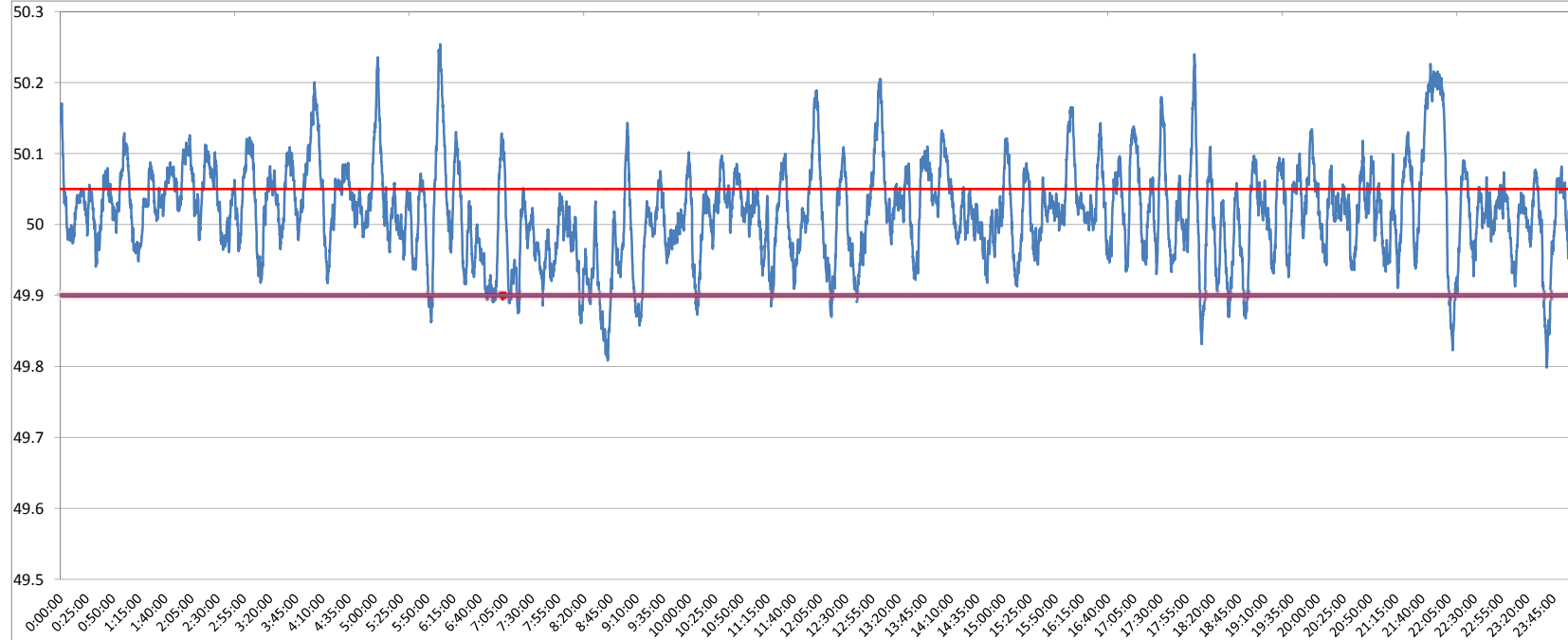


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

12-Jan-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	4.46	22.82	0.01	4.44	33.21	53.02	8.31	66.66	98.99	35.39	19.66	62.29	41.78	28.89	1.01

Average Frequency		50.02	Frequency Variation Index :		0.048	Standard Deviation :		0.067
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		180
Max	50.25	6:02:40	Max	50.198	22:00:00	No. of excursion below 49.97 Hz		115
Min	49.80	23:39:00	Min	49.885	8:45:00	No. of excursion above 50.00 Hz		152
Average time freq remains below 49.97 per excursion		0:02:51	Average time frequency remains above 50.03 per excursion		0:03:21	No. of excursion below 50.00 Hz		153