

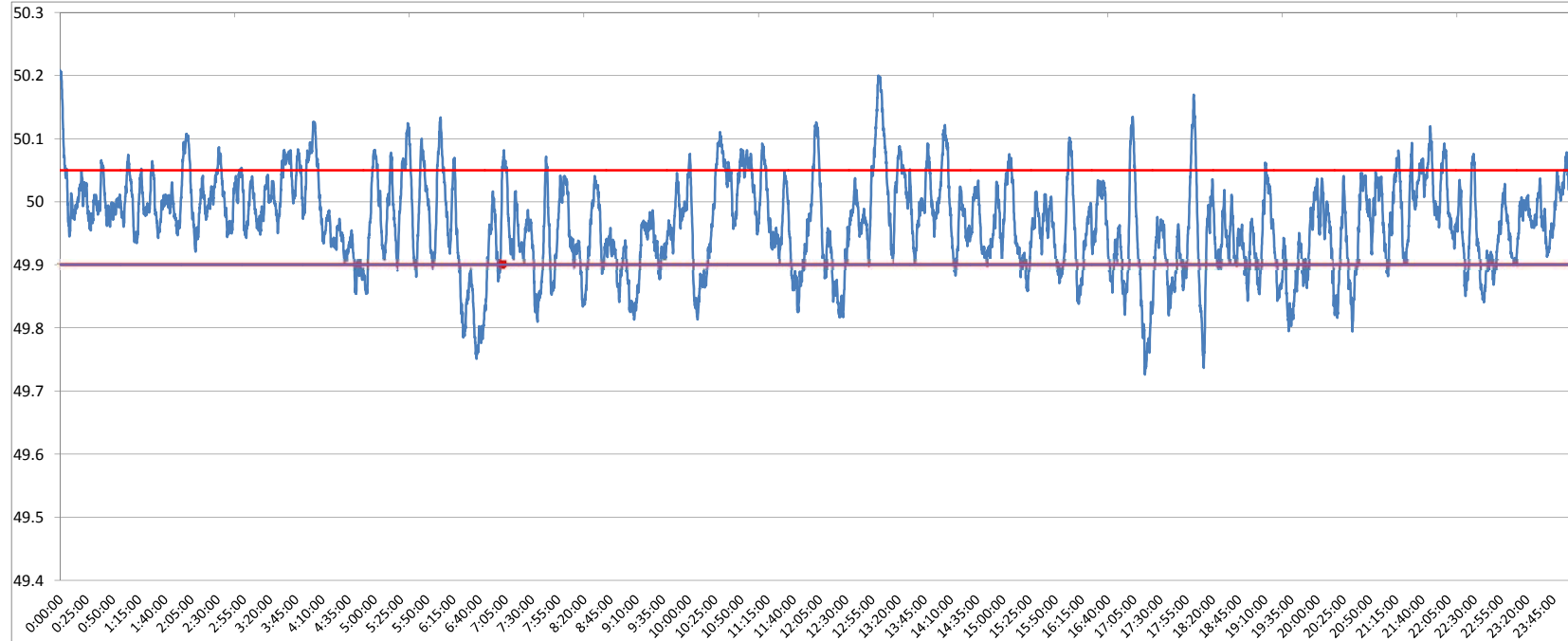


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

11-Dec-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	17.89	51.34	1.38	16.52	49.57	29.99	2.49	69.20	99.94	29.19	10.39	32.45	19.47	12.91	0.06

Average Frequency		49.97	Frequency Variation Index :		0.065	Standard Deviation :		0.073
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		98
Max	50.21	0:00:00	Max	50.075	13:15:00	No. of excursion below 49.97 Hz		126
Min	49.73	17:15:30	Min	49.812	6:45:00	No. of excursion above 50.00 Hz		130
Average time freq remains below 49.97 per excursion		0:05:52	Average time frequency remains above 50.03 per excursion		0:02:52	No. of excursion below 50.00 Hz		130