



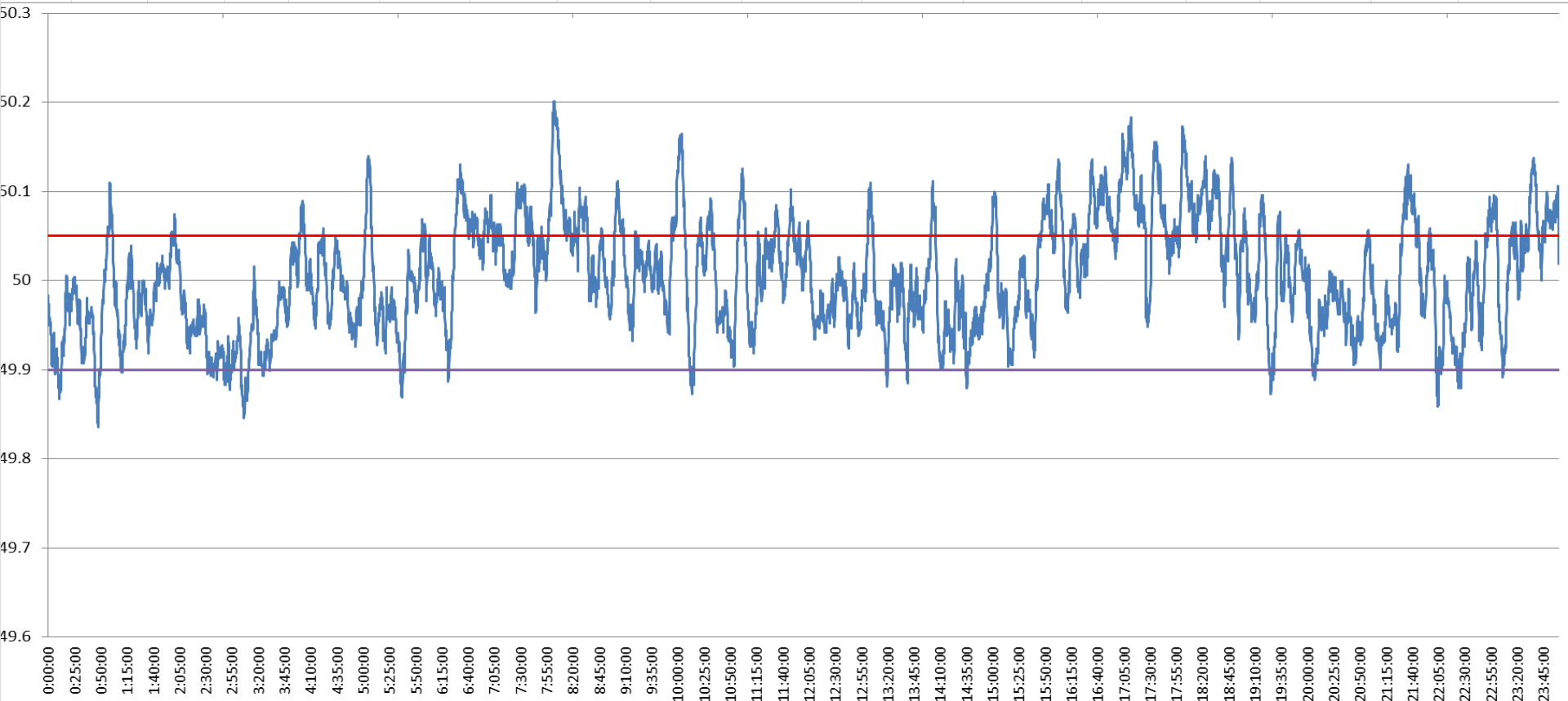
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BALLIA:Frequency

National Grid Frequency Profile for

05-Jul-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	3.47	32.22	0.00	3.47	46.19	43.26	7.05	70.86	99.98	31.74	19.14	49.05	36.04	25.67	0.02

Average Frequency		50.00	Frequency Variation Index :		0.039	Standard Deviation :		0.062
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		110
Max	50.2	8:02:00	Max	50.134	17:15:00	No. of excursion below 49.97 Hz		97
Min	49.84	0:47:30	Min	49.906	3:15:00	No. of excursion above 50.00 Hz		90
Average time freq remains below 49.97 per excursion		0:04:47	Average time frequency remains above 50.03 per excursion		0:04:43	No. of excursion below 50.00 Hz		84