

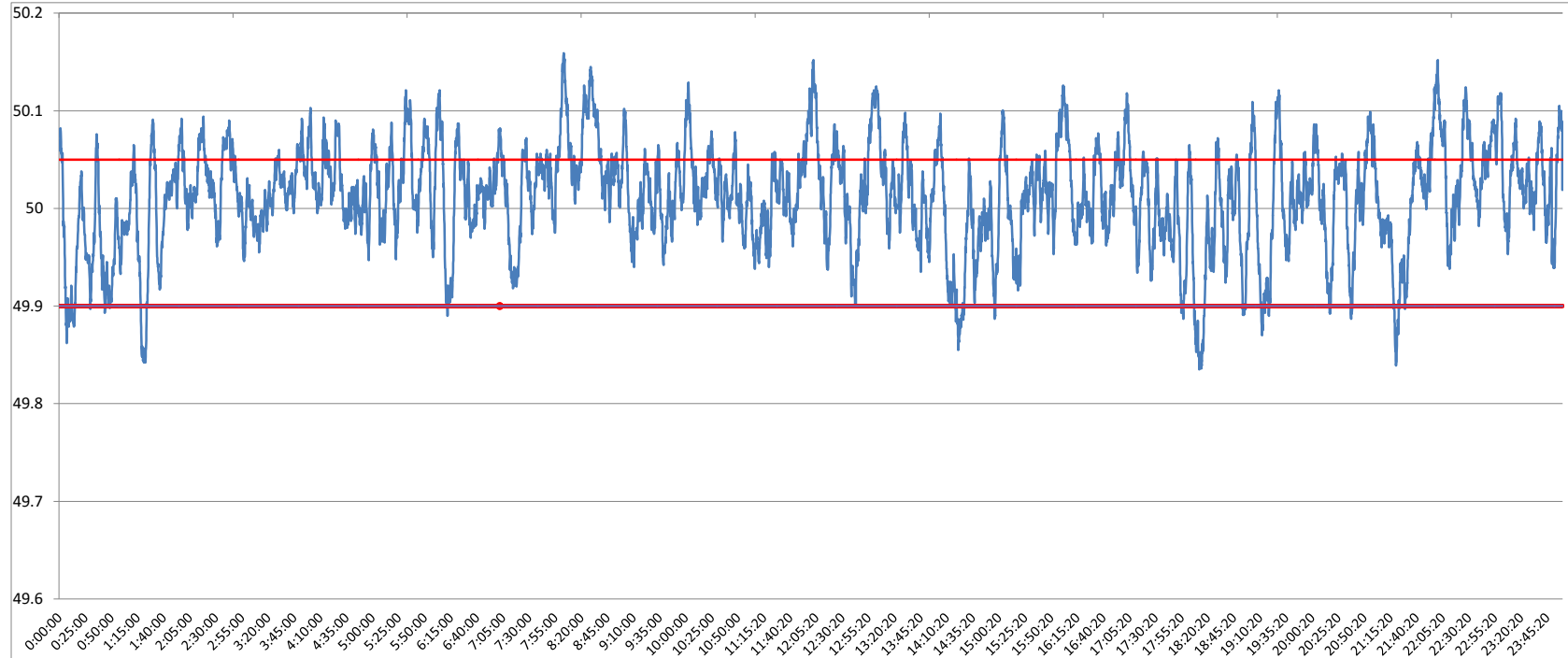


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

AGRA:Frequency

National Grid Frequency Profile for

09-Aug-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	3.29	19.18	0.00	3.29	33.83	58.97	3.91	74.39	100.00	43.40	19.28	61.98	37.42	22.33	0.00

Average Frequency		50.01	Frequency Variation Index :		0.030	Standard Deviation :		0.053	
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		157	
Max	50.16	8:03:20	Max	50.082	8:15:00	No. of excursion below 49.97 Hz		87	
Min	49.84	18:12:20	Min	49.908	14:30:00	No. of excursion above 50.00 Hz		146	
Average time freq remains below 49.97 per excursion			0:03:10	Average time frequency remains above 50.03 per excursion		0:03:26	No. of excursion below 50.00 Hz		141