

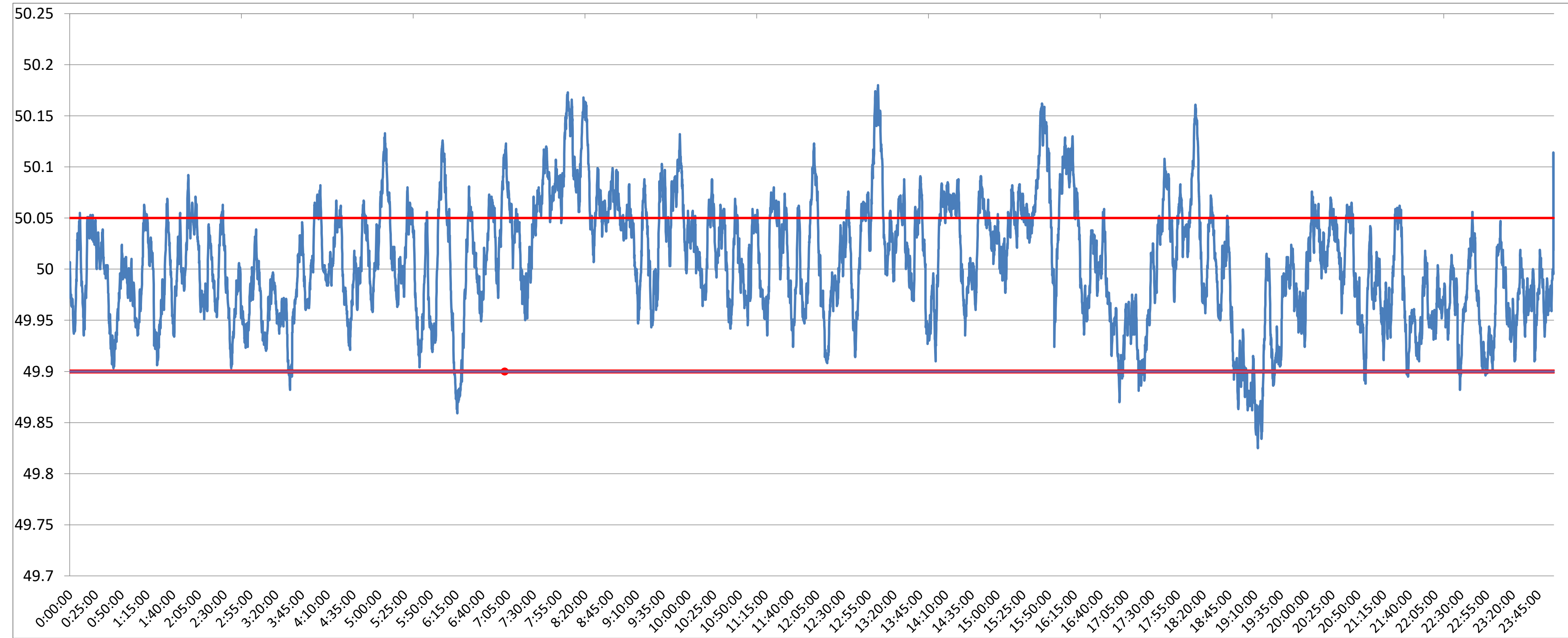


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

17-Jun-17



<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	2.78	27.35	0.00	2.78	43.25	49.18	4.79	73.53	100.00	36.05	19.80	52.57	36.60	23.69	0.00

Average Frequency		50.01	Frequency Variation Index :		0.033	Standard Deviation :		0.058
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		111
Max	50.18	13:04:20	Max	50.119	8:15:00	No. of excursion below 49.97 Hz		119
Min	49.83	19:12:40	Min	49.874	19:15:00	No. of excursion above 50.00 Hz		110
Average time freq remains below 49.97 per excursion		0:03:19	Average time frequency remains above 50.03 per excursion		0:04:45	No. of excursion below 50.00 Hz		107