

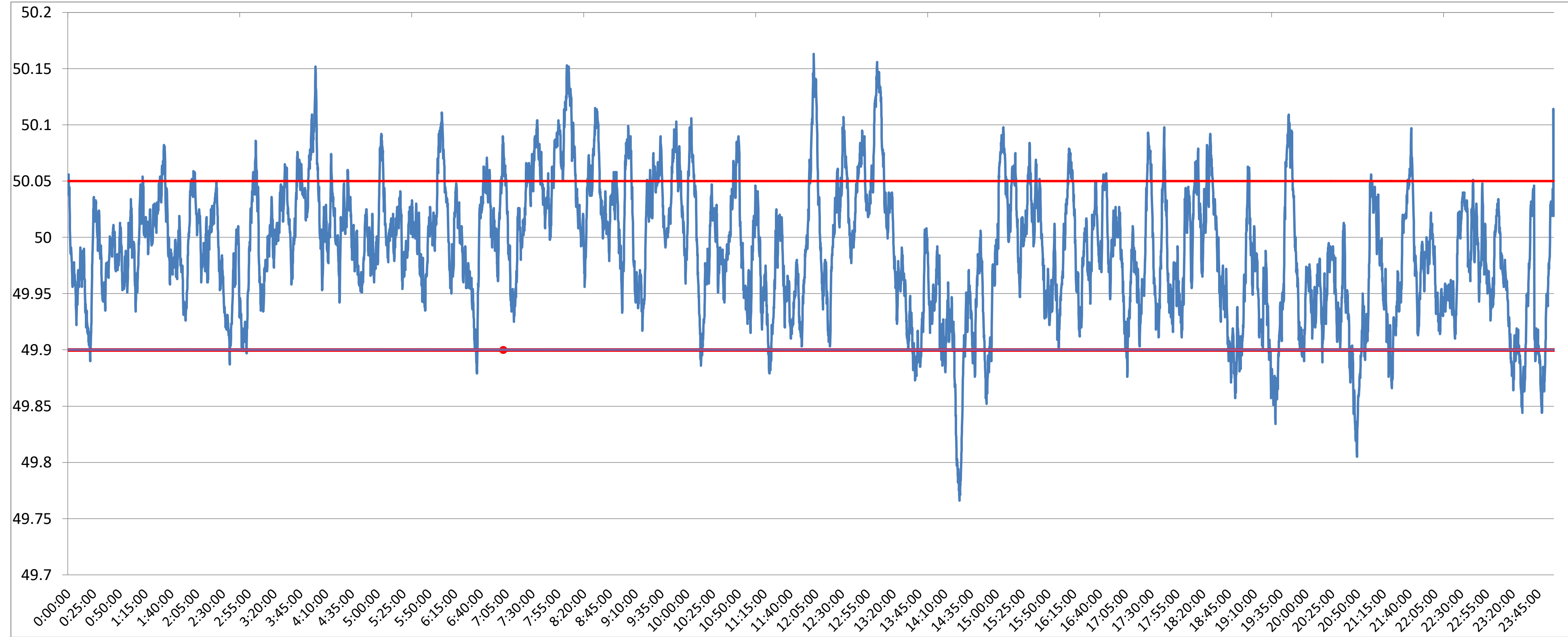


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

15-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	5.97	36.44	0.27	5.71	49.20	42.70	2.13	79.86	100.00	39.65	12.48	43.69	23.91	14.17	0.00

Average Frequency		49.99	Frequency Variation Index :		0.034	Standard Deviation :		0.058
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		104
Max	50.16	12:02:50	Max	50.093	8:15:00	No. of excursion below 49.97 Hz		140
Min	49.77	14:24:00	Min	49.857	14:30:00	No. of excursion above 50.00 Hz		105
Average time freq remains below 49.97 per excursion		0:03:45	Average time frequency remains above 50.03 per excursion		0:03:19	No. of excursion below 50.00 Hz		115