

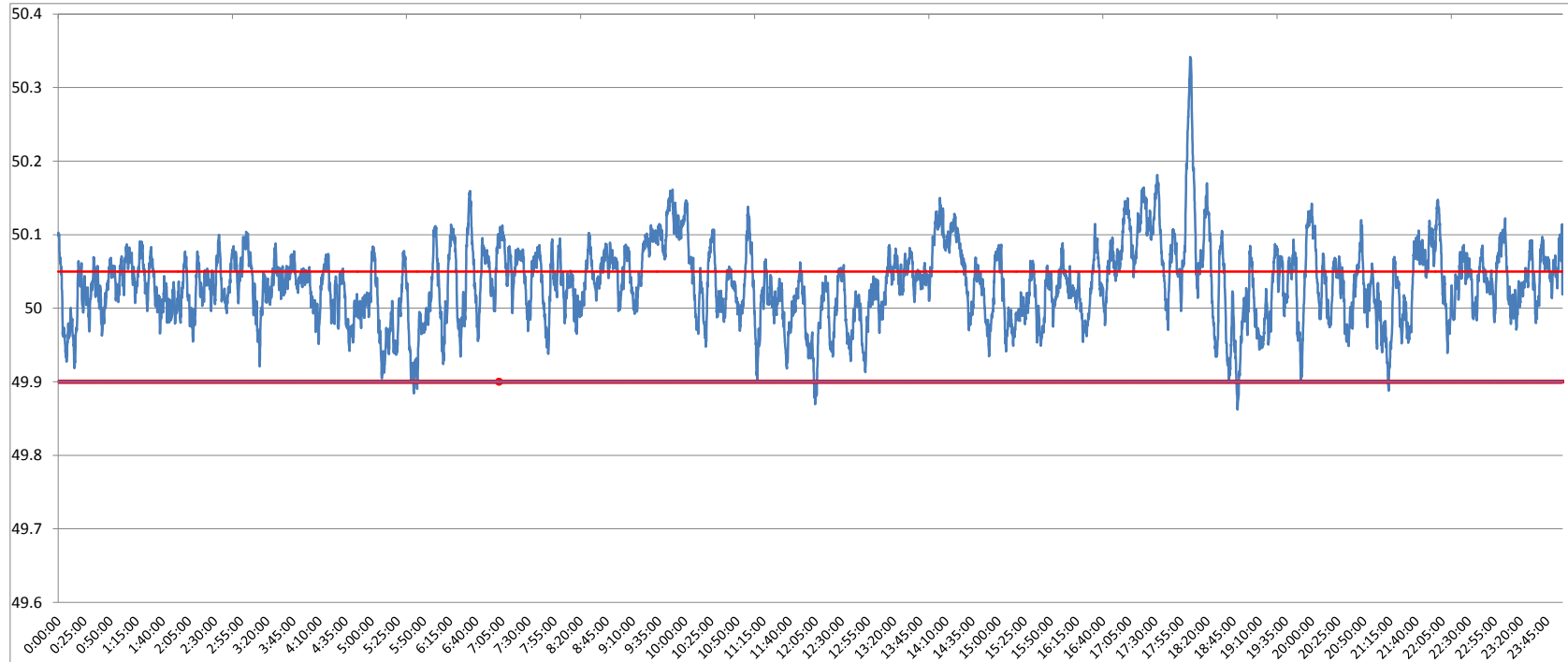


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

13-Mar-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	0.50	10.69	0.00	0.50	25.08	66.10	7.93	63.02	99.61	36.40	28.33	74.33	52.91	36.48	0.39

Average Frequency		50.03	Frequency Variation Index :		0.038	Standard Deviation :		0.052
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		188
Max	50.34	18:03:20	Max	50.160	18:15:00	No. of excursion below 49.97 Hz		91
Min	49.86	18:48:40	Min	49.957	19:00:00	No. of excursion above 50.00 Hz		171
						No. of excursion below 50.00 Hz		169
Average time freq remains below 49.97 per excursion		0:01:42	Average time frequency remains above 50.03 per excursion		0:04:03			