

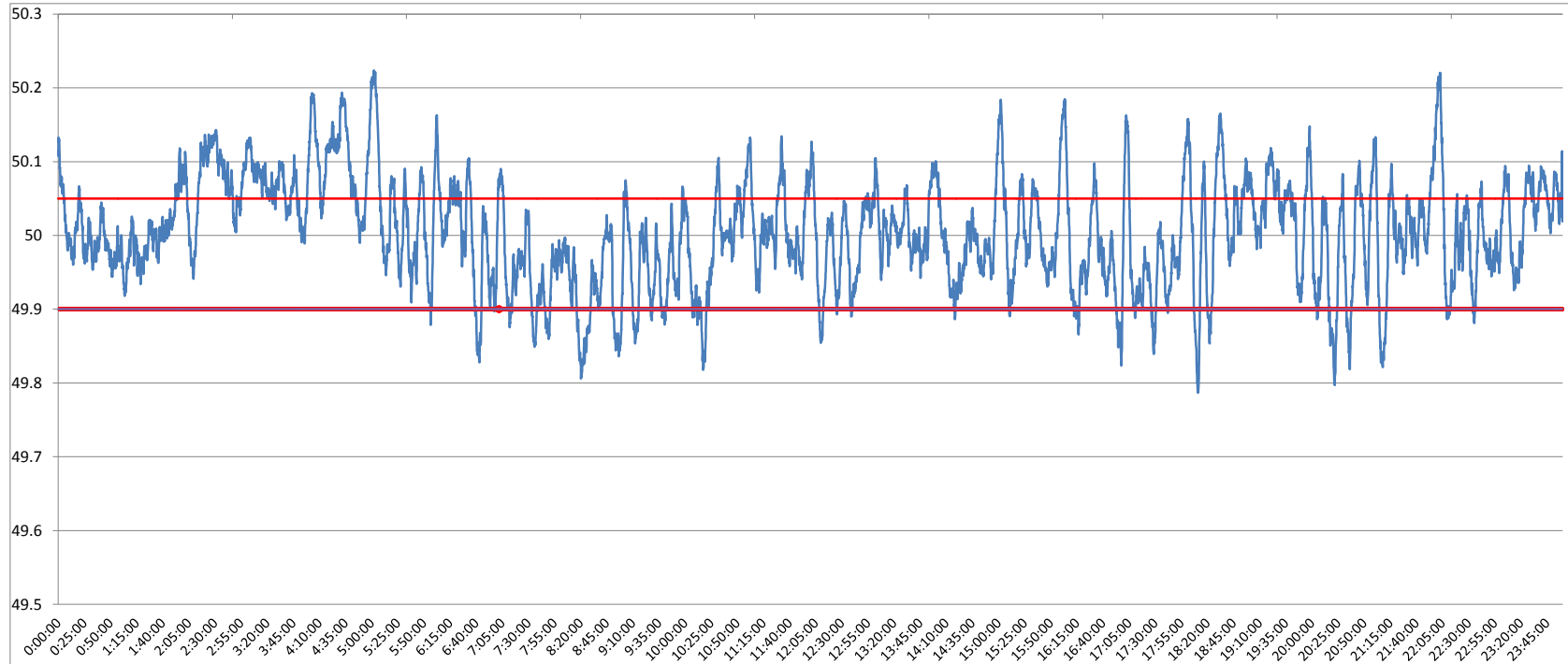


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

02-Jan-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	8.22	32.77	0.12	8.10	40.54	42.36	8.45	64.40	99.57	31.26	18.58	51.16	35.97	27.38	0.43

Average Frequency		50.00	Frequency Variation Index :		0.054	Standard Deviation :		0.073
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		109
Max	50.22	5:02:10	Max	50.122	4:30:00	No. of excursion below 49.97 Hz		138
Min	49.79	18:10:40	Min	49.861	8:30:00	No. of excursion above 50.00 Hz		141
						No. of excursion below 50.00 Hz		139
Average time freq remains below 49.97 per excursion			0:03:25	Average time frequency remains above 50.03 per excursion		0:04:45		