

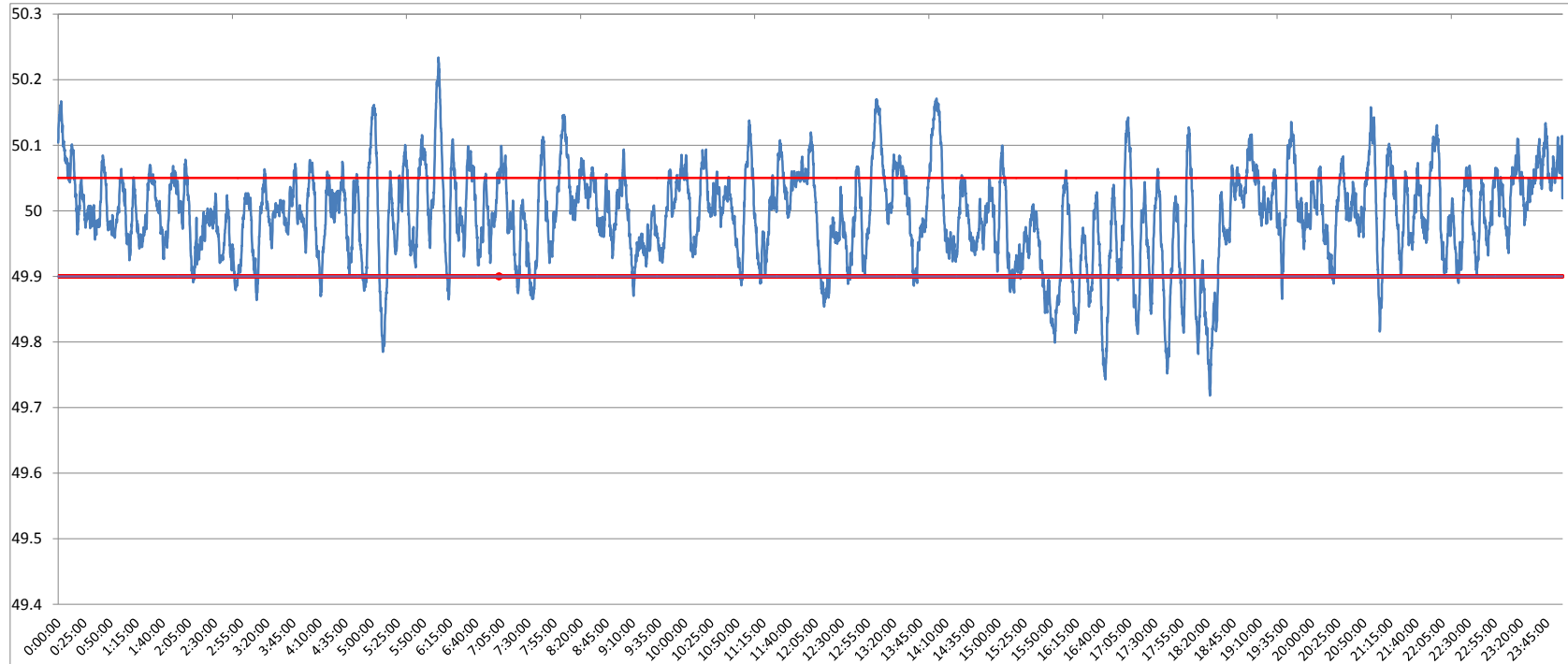


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

10-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	9.40	34.44	1.03	8.37	42.43	43.03	5.01	69.49	99.87	33.73	16.06	48.09	31.83	21.11	0.13

Average Frequency		49.99	Frequency Variation Index :		0.051	Standard Deviation :		0.071
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		128
Max	50.23	6:04:00	Max	50.097	0:15:00	No. of excursion below 49.97 Hz		124
Min	49.72	18:22:20	Min	49.824	18:30:00	No. of excursion above 50.00 Hz		170
						No. of excursion below 50.00 Hz		168
Average time freq remains below 49.97 per excursion		0:04:00	Average time frequency remains above 50.03 per excursion		0:03:35			