

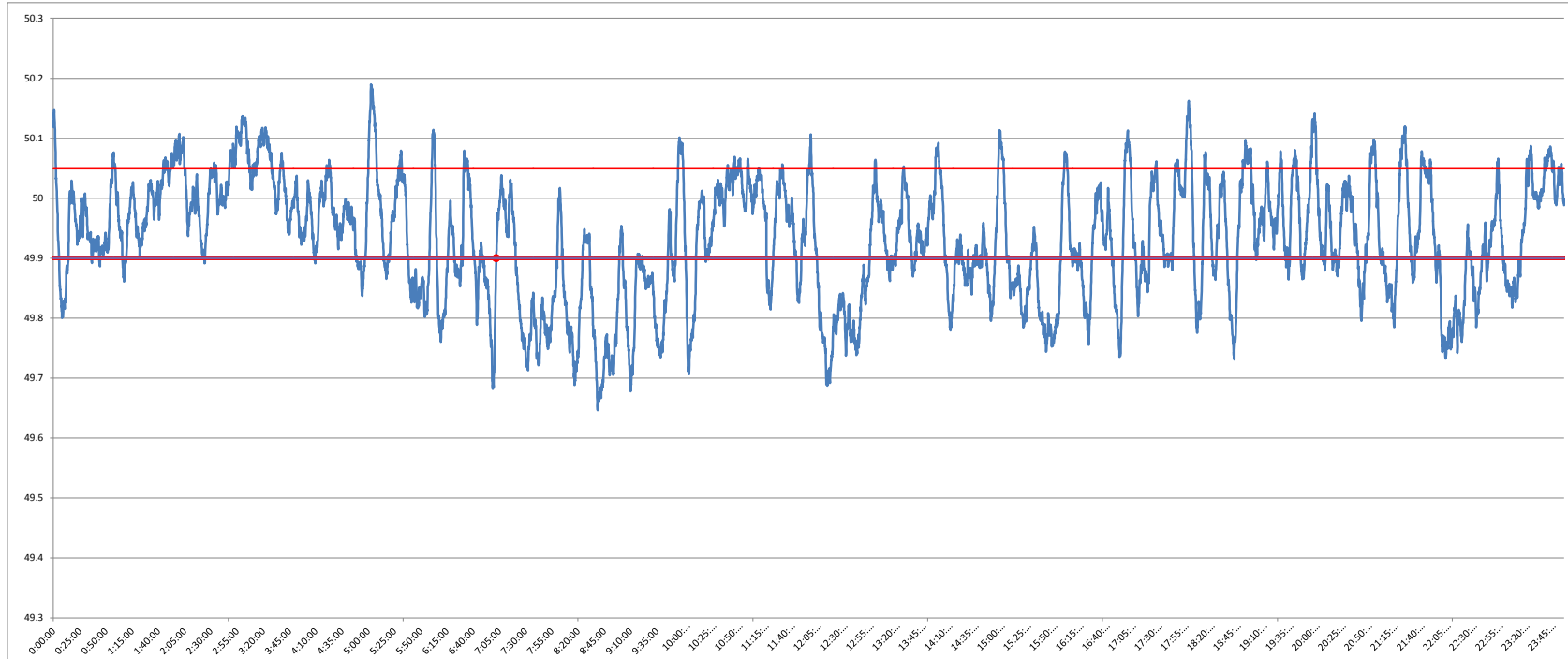


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

16-Jan-15



<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	0.89	37.21	60.89	11.17	25.15	33.87	26.42	2.50	50.68	99.11	21.25	9.64	28.91	17.86	12.11	0.00

Average Frequency		49.93	Frequency Variation Index :		0.149	Standard Deviation :		0.100	
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		76	
MAX	50.19	5:02:50	Max	50.086	3:30:00	No. of excursion below 49.97 Hz		78	
Min	49.65	8:38:40	Min	49.751	8:45:00	No. of excursion above 50.00 Hz		107	
Average time freq remains below 49.97 per excursion			0:11:14	Average time frequency remains above 50.03 per excursion		0:03:23	No. of excursion below 50.00 Hz		108