

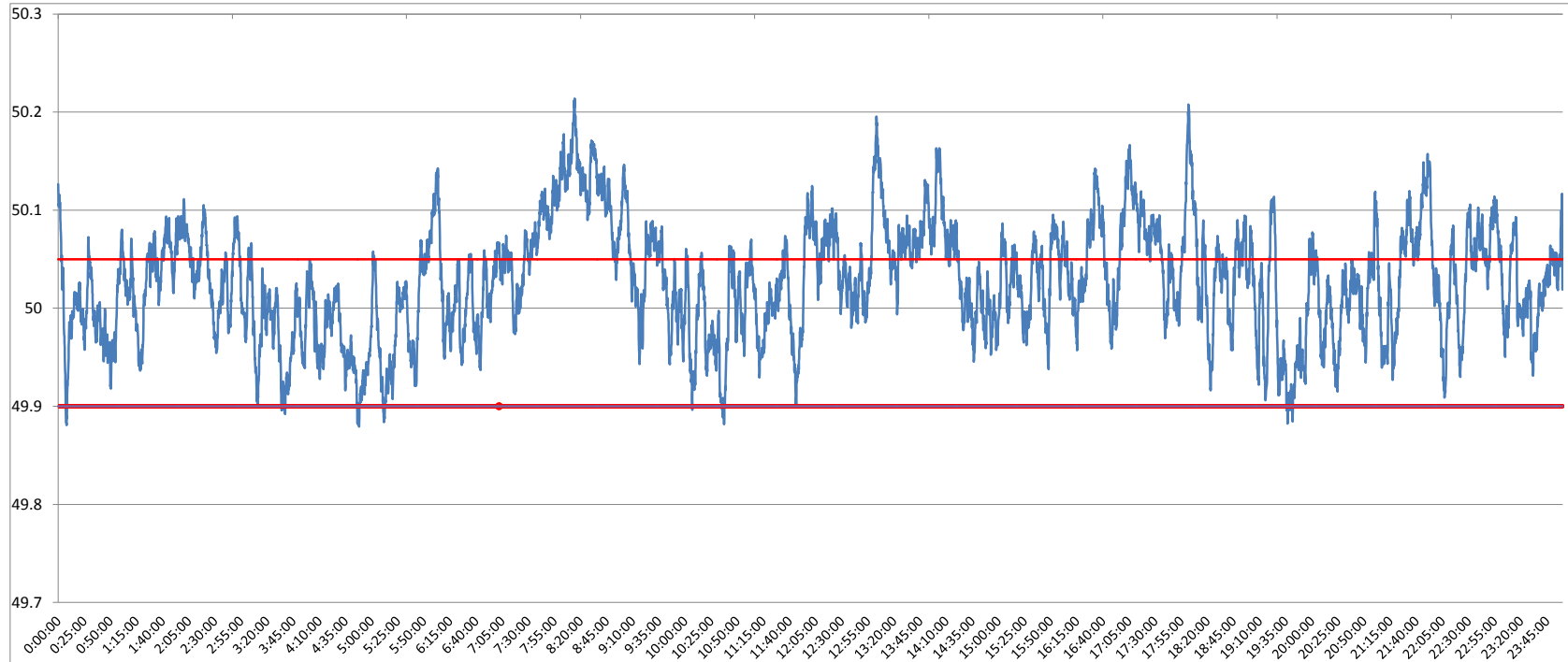


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

15-Aug-16



<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	0.73	17.87	0.00	0.73	32.44	56.61	10.12	63.84	99.90	33.94	25.27	66.78	48.19	35.43	0.10

Average Frequency		50.03	Frequency Variation Index :		0.041	Standard Deviation :		0.058
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		157
Max	50.21	8:14:20	Max	50.154	8:15:00	No. of excursion below 49.97 Hz		97
Min	49.88	4:48:00	Min	49.923	19:45:00	No. of excursion above 50.00 Hz		149
						No. of excursion below 50.00 Hz		147
Average time freq remains below 49.97 per excursion			0:02:39	Average time frequency remains above 50.03 per excursion			0:04:25	