

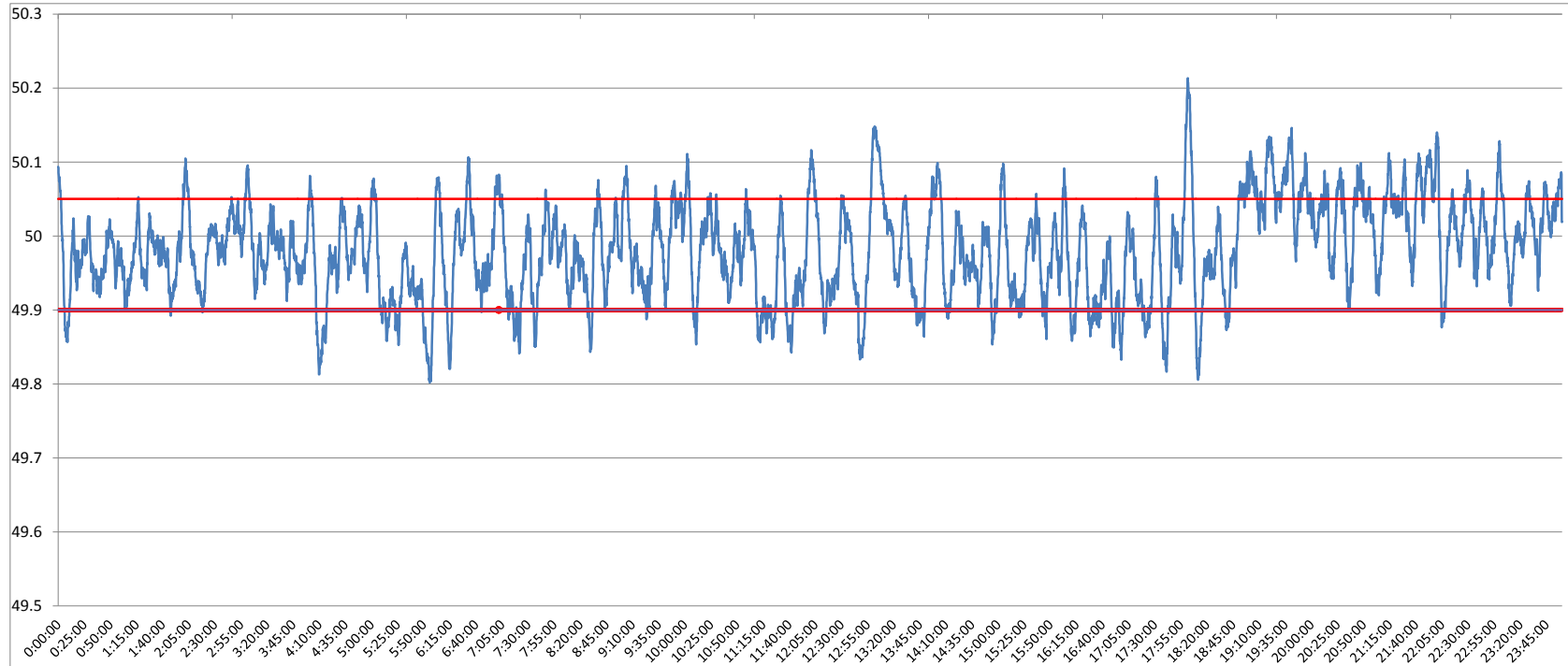


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

22-Oct-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	10.88	43.88	0.00	10.88	49.92	36.34	2.79	73.65	99.93	31.94	12.71	39.18	24.18	15.47	0.07

Average Frequency		49.98	Frequency Variation Index :		0.045	Standard Deviation :		0.065
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		110
Max	50.21	18:01:30	Max	50.085	13:15:00	No. of excursion below 49.97 Hz		139
Min	49.80	5:55:40	Min	49.874	6:00:00	No. of excursion above 50.00 Hz		125
Average time freq remains below 49.97 per excursion		0:04:33	Average time frequency remains above 50.03 per excursion		0:03:10	No. of excursion below 50.00 Hz		125