

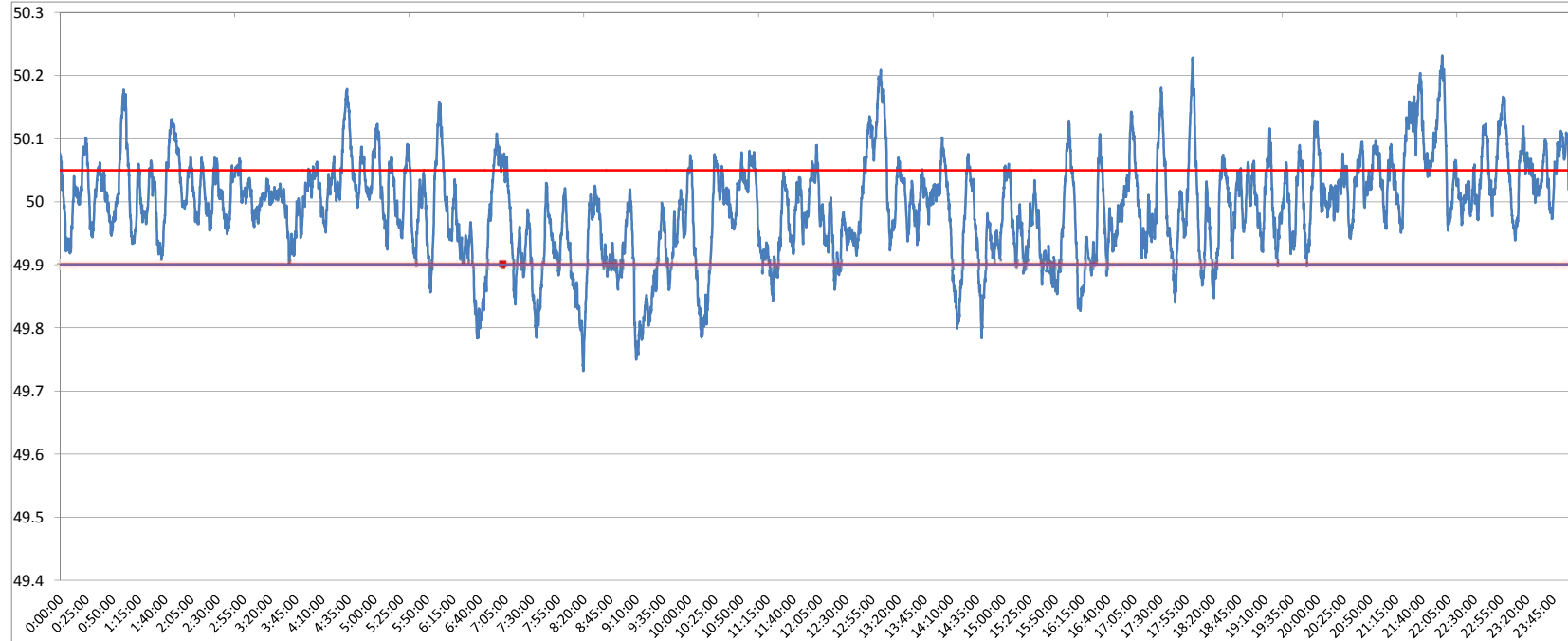


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-Dec-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	0.00	11.59	36.83	1.11	10.47	39.62	41.25	7.16	66.75	99.62	32.18	14.17	48.75	31.00	21.67	0.38

Average Frequency		49.99	Frequency Variation Index :		0.061	Standard Deviation :		0.078
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		122
Max	50.23	21:59:10	Max	50.128	21:45:00	No. of excursion below 49.97 Hz		120
Min	49.73	8:19:30	Min	49.837	9:30:00	No. of excursion above 50.00 Hz		133
Average time freq remains below 49.97 per excursion		0:04:25	Average time frequency remains above 50.03 per excursion		0:03:40	No. of excursion below 50.00 Hz		129