



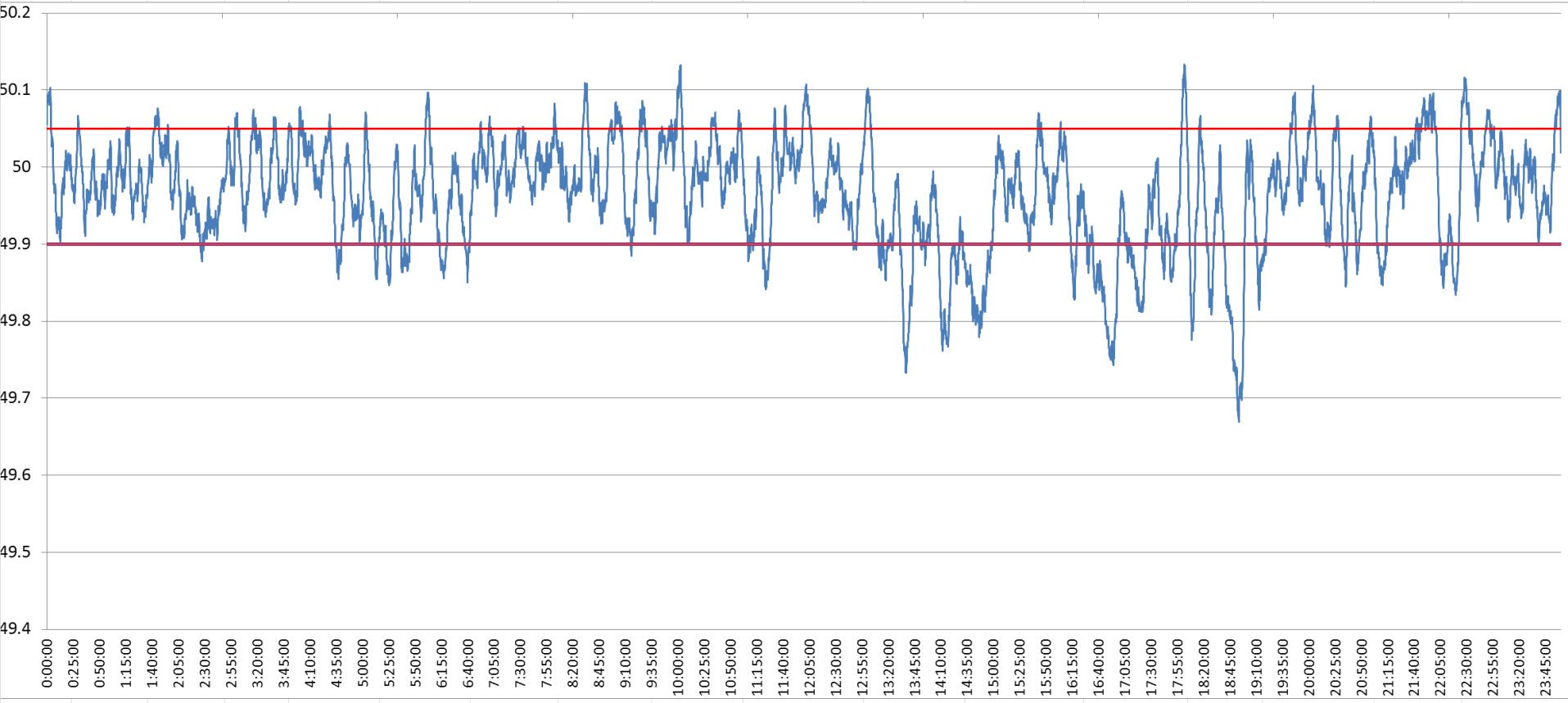
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

19-Sep-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	0.13	17.27	47.93	2.51	14.63	49.17	32.85	0.72	73.17	99.87	34.72	8.89	33.53	17.35	9.56	0.00

Average Frequency		49.96	Frequency Variation Index :		0.063	Standard Deviation :		0.071
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		100
Max	50.13	18:01:50	Max	50.065	22:00:00	No. of excursion below 49.97 Hz		134
Min	49.67	18:53:20	Min	49.759	19:00:00	No. of excursion above 50.00 Hz		141
Average time freq remains below 49.97 per excursion		0:05:09	Average time frequency remains above 50.03 per excursion		0:02:30	No. of excursion below 50.00 Hz		138