



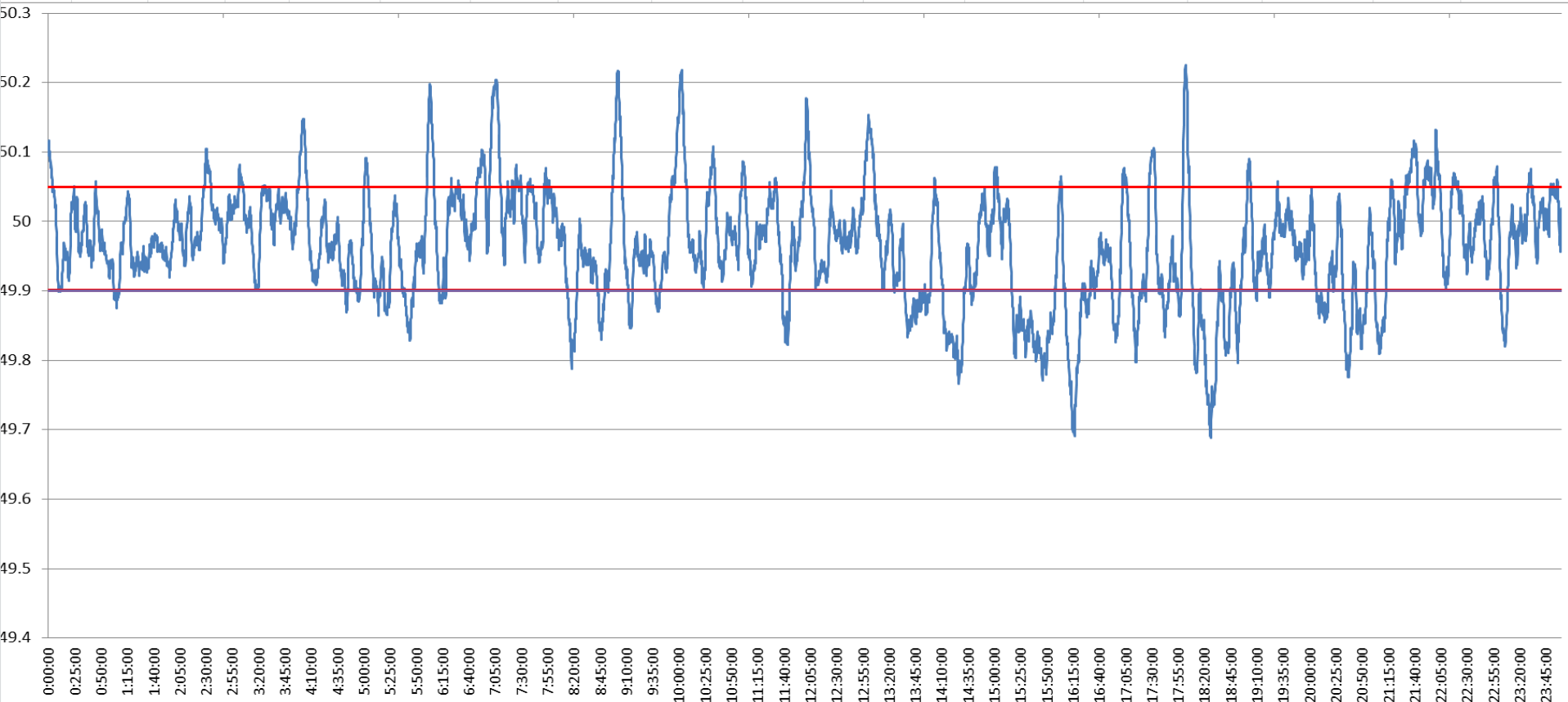
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

09-Oct-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	0.13	20.09	52.56	2.31	17.65	47.23	28.88	3.37	67.34	99.44	28.19	8.82	32.62	19.25	12.57	0.43

Average Frequency		49.96	Frequency Variation Index :		0.079	Standard Deviation :		0.081	
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		92	
Max	50.23	18:02:20	Max	50.098	7:15:00	No. of excursion below 49.97 Hz		122	
Min	49.69	18:26:00	Min	49.787	18:30:00	No. of excursion above 50.00 Hz		111	
Average time freq remains below 49.97 per excursion			0:06:12	Average time frequency remains above 50.03 per excursion		0:03:01	No. of excursion below 50.00 Hz		109