

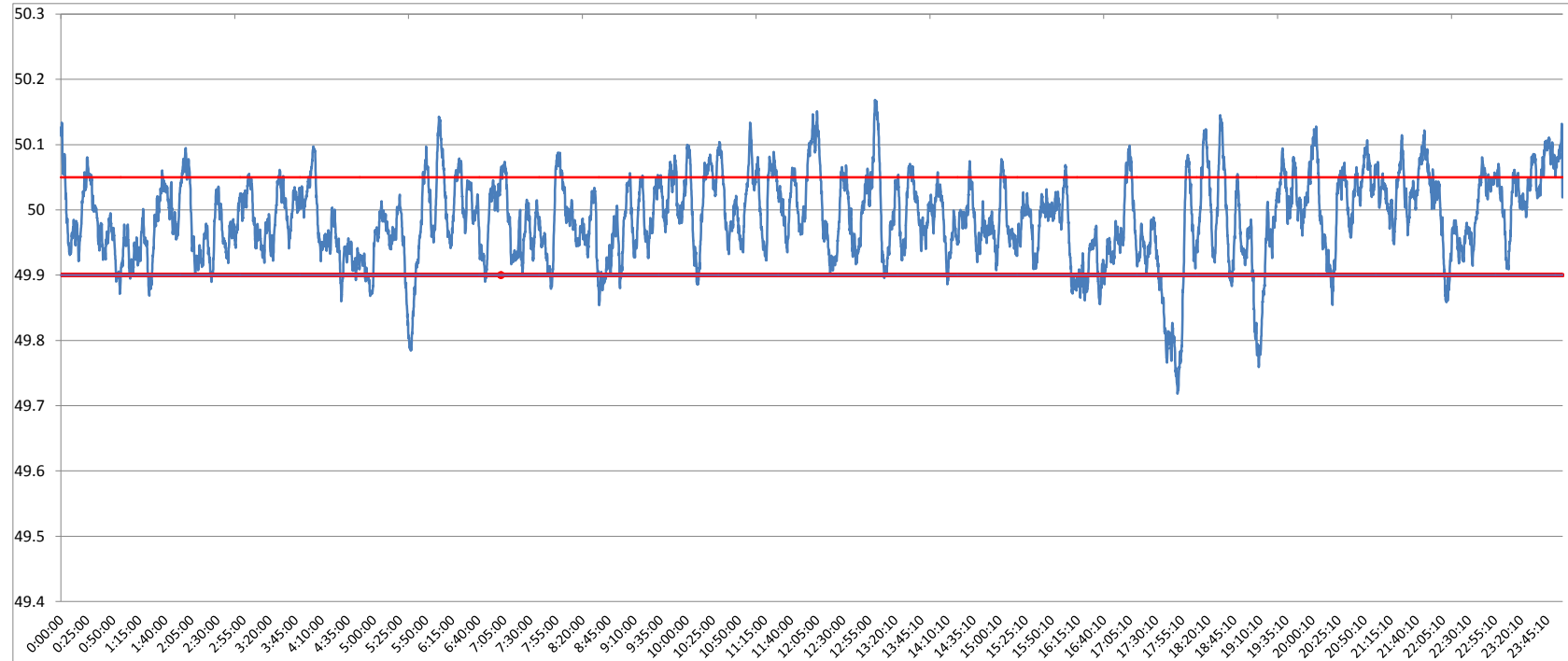


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

20-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	0.00	7.49	40.41	1.30	6.19	50.30	39.54	2.67	75.69	100.00	32.65	14.24	42.13	26.94	16.82	0.00

Average Frequency		49.99	Frequency Variation Index :		0.043	Standard Deviation :		0.064
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		117
Max	50.17	13:00:50	Max	50.086	0:00:00	No. of excursion below 49.97 Hz		141
Min	49.72	17:50:50	Min	49.837	18:00:00	No. of excursion above 50.00 Hz		131
Average time freq remains below 49.97 per excursion		0:04:08	Average time frequency remains above 50.03 per excursion		0:03:19	No. of excursion below 50.00 Hz		129