

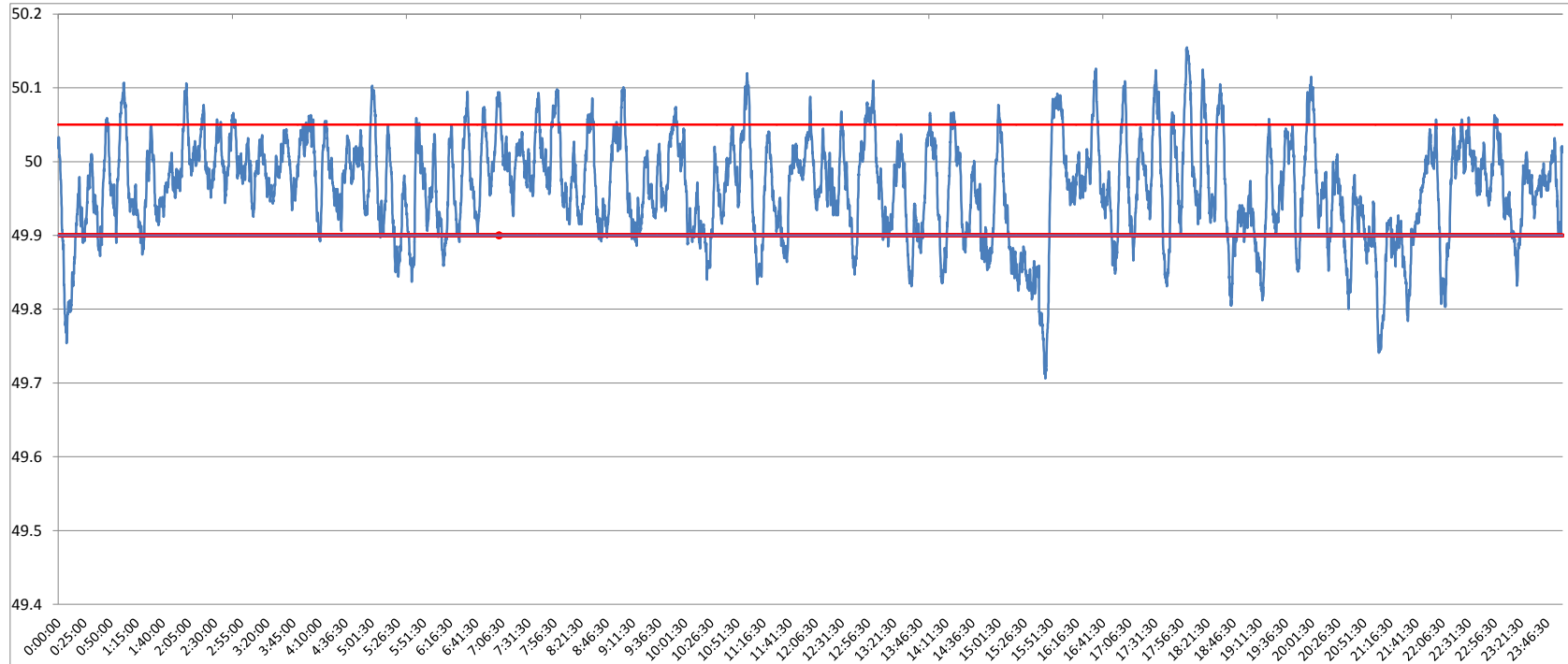


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VIJAYAWADA:Frequency

National Grid Frequency Profile for

22-Mar-17



<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	16.81	51.01	1.40	15.41	50.78	31.19	1.23	73.41	100.00	32.01	8.95	31.25	16.98	9.78	0.00

Average Frequency	49.96	Frequency Variation Index :	0.059	Standard Deviation :	0.068
Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.16 18:01:50	Max	50.034 13:00:00	No. of excursion below 49.97 Hz	111
Min	49.71 15:46:20	Min	49.810 15:45:00	No. of excursion above 50.00 Hz	108
				No. of excursion below 50.00 Hz	96
Average time freq remains below 49.97 per excursion		0:06:37	Average time frequency remains above 50.03 per excursion		0:02:41