

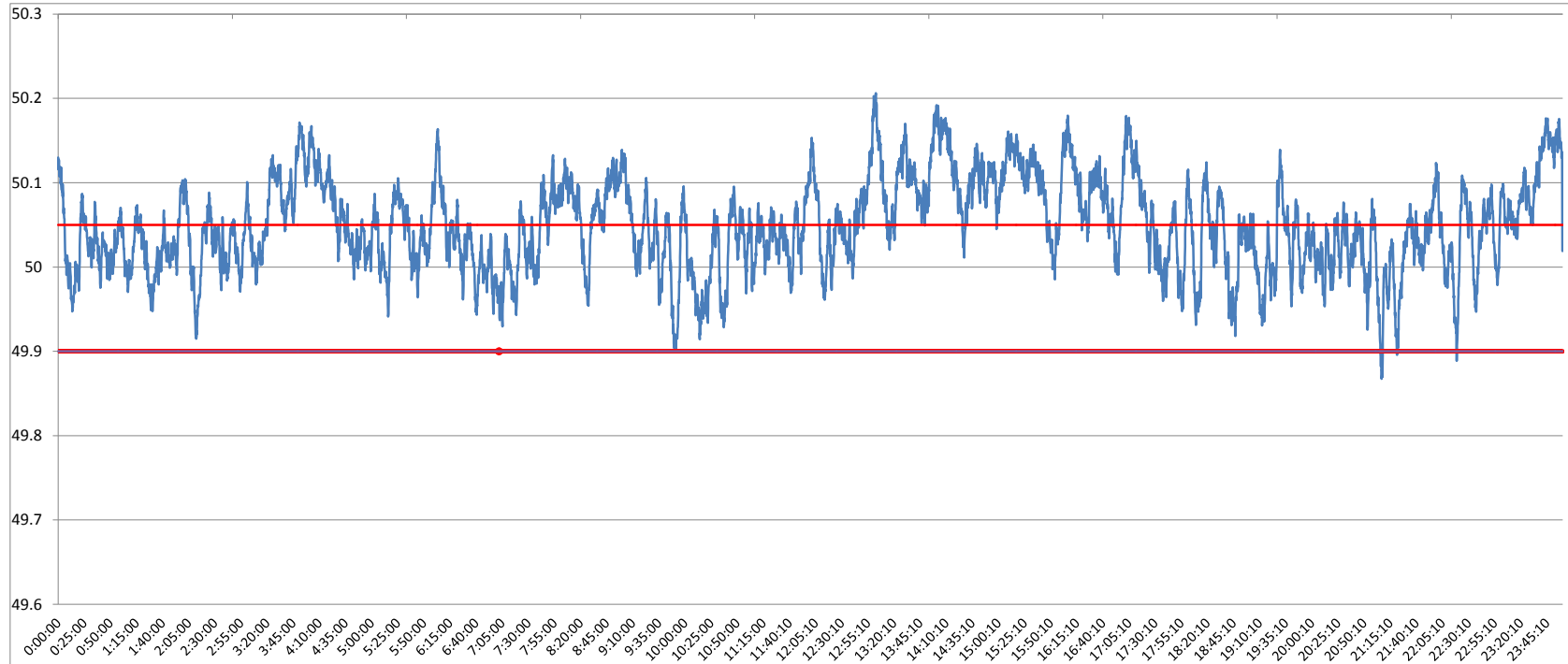


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

17-Jul-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	0.22	7.12	0.00	0.22	18.60	62.79	18.33	52.56	99.94	31.00	28.99	81.12	61.89	47.22	0.06

Average Frequency		50.05	Frequency Variation Index :		0.053	Standard Deviation :		0.054
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		148
Max	50.21	13:02:40	Max	50.159	14:15:00	No. of excursion below 49.97 Hz		64
Min	49.87	21:06:50	Min	49.964	21:15:00	No. of excursion above 50.00 Hz		145
Average time freq remains below 49.97 per excursion		0:01:36	Average time frequency remains above 50.03 per excursion		0:06:01	No. of excursion below 50.00 Hz		145