

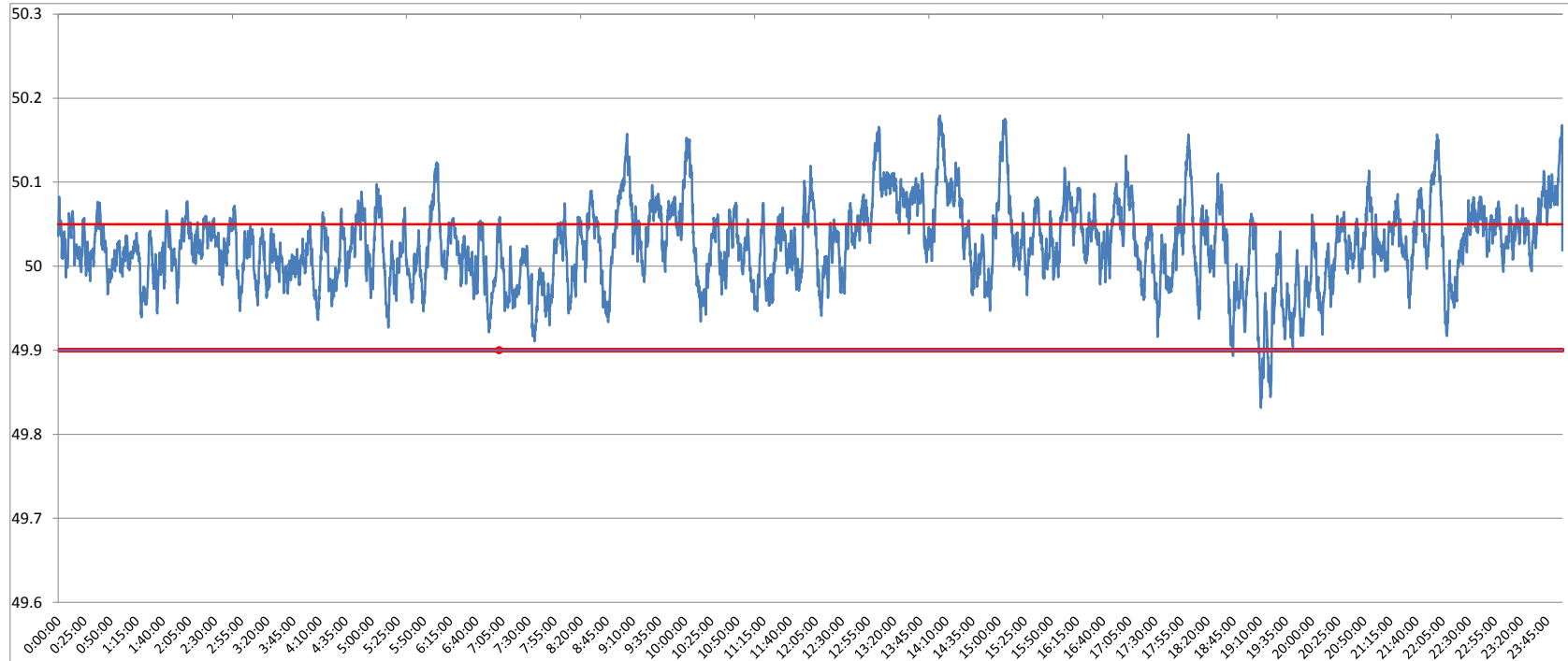


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

31-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	0.60	11.83	0.00	0.60	27.82	65.88	5.69	70.96	100.00	42.69	22.84	71.53	45.49	28.44	0.00

Average Frequency		50.03	Frequency Variation Index :		0.029	Standard Deviation :		0.047
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		199
Max	50.18	14:04:00	Max	50.121	14:15:00	No. of excursion below 49.97 Hz		109
Min	49.83	19:11:10	Min	49.945	19:30:00	No. of excursion above 50.00 Hz		174
Average time freq remains below 49.97 per excursion		0:01:34	Average time frequency remains above 50.03 per excursion		0:03:17	No. of excursion below 50.00 Hz		174