

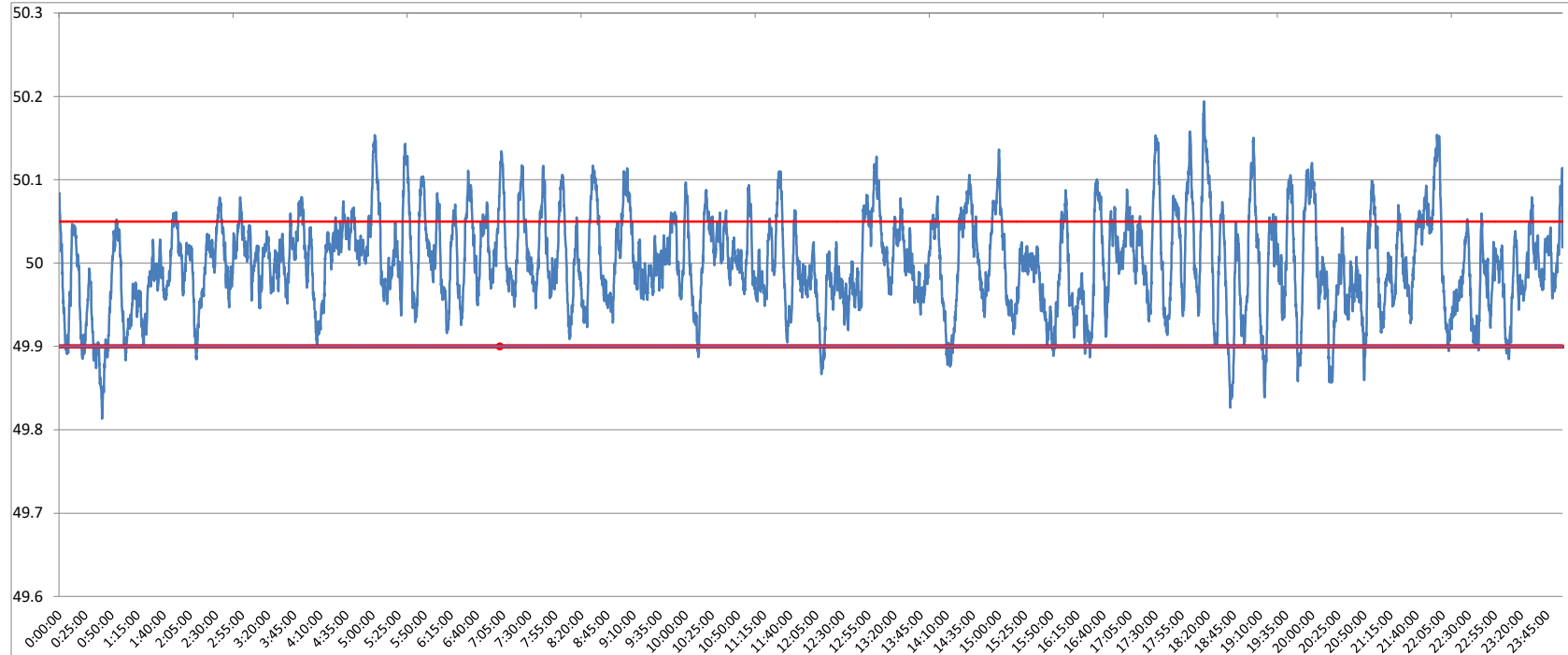


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-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	3.98	30.00	0.00	3.98	46.59	45.56	3.88	77.05	100.00	40.30	15.21	49.29	29.70	18.97	0.00

Average Frequency		50.00	Frequency Variation Index :		0.032	Standard Deviation :		0.056
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		131
Max	50.19	18:16:30	Max	50.073	22:00:00	No. of excursion below 49.97 Hz		161
Min	49.81	0:41:10	Min	49.887	0:45:00	No. of excursion above 50.00 Hz		171
Average time freq remains below 49.97 per excursion		0:02:41	Average time frequency remains above 50.03 per excursion		0:03:16	No. of excursion below 50.00 Hz		168