

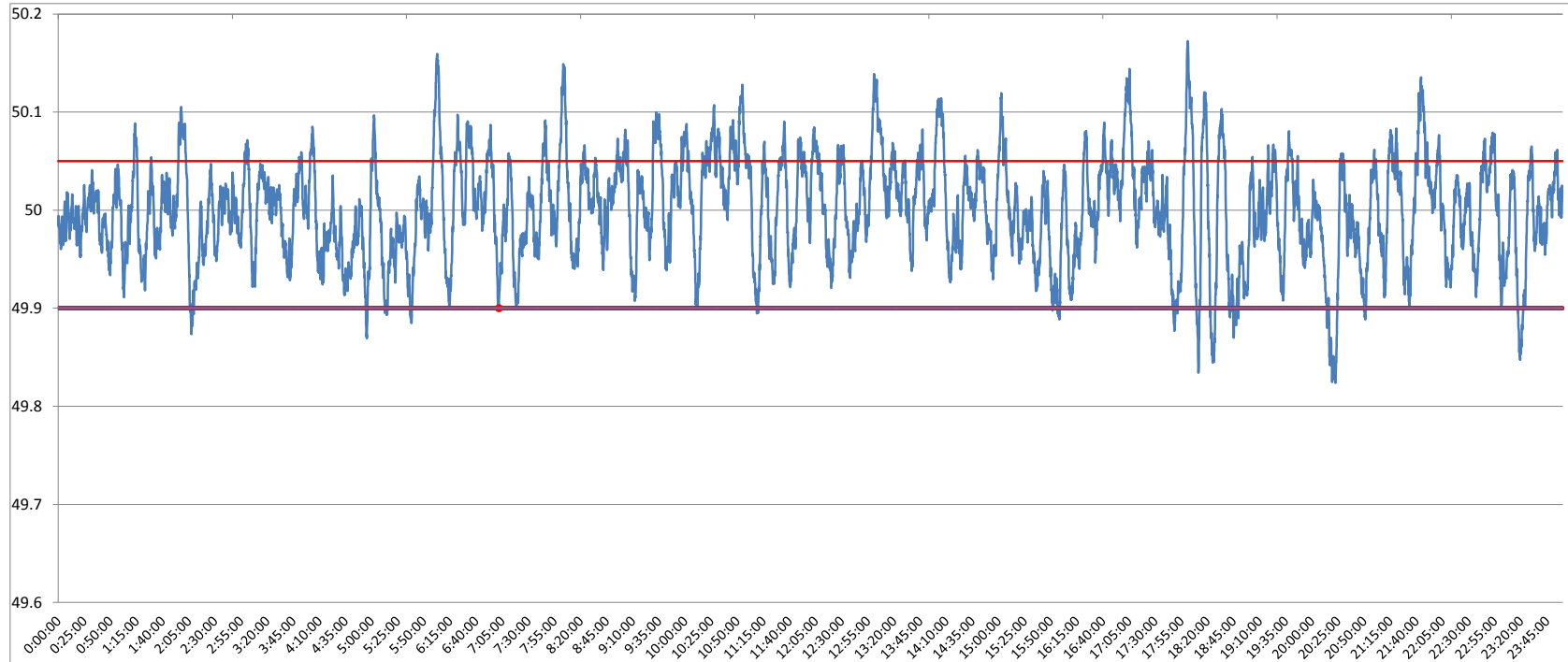


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-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	2.91	28.68	0.00	2.91	45.89	48.56	2.64	80.13	100.00	42.01	14.36	51.13	29.31	16.97	0.00

Average Frequency		50.00	Frequency Variation Index :		0.028	Standard Deviation :		0.053
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		135
Max	50.17	18:01:10	Max	50.072	11:00:00	No. of excursion below 49.97 Hz		156
Min	49.82	20:22:30	Min	49.915	20:30:00	No. of excursion above 50.00 Hz		182
Average time freq remains below 49.97 per excursion		0:02:39	Average time frequency remains above 50.03 per excursion		0:03:08	No. of excursion below 50.00 Hz		182