

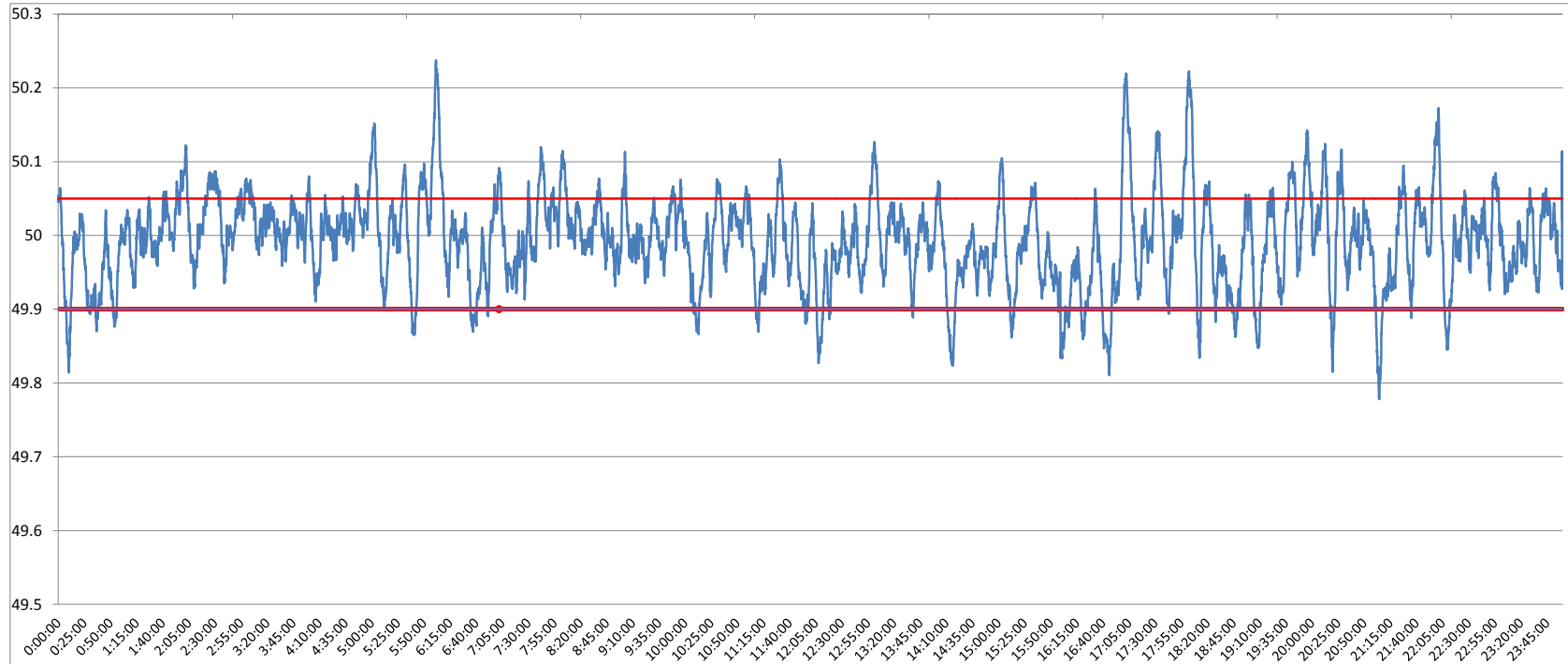


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

21-Feb-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	7.33	32.96	0.06	7.27	46.30	42.75	3.15	77.41	99.53	42.35	11.67	46.33	24.69	15.27	0.47

Average Frequency		49.99	Frequency Variation Index :		0.039	Standard Deviation :		0.062
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		132
Max	50.24	6:01:30	Max	50.071	6:15:00	No. of excursion below 49.97 Hz		126
Min	49.78	21:04:10	Min	49.890	21:15:00	No. of excursion above 50.00 Hz		188
						No. of excursion below 50.00 Hz		187
Average time freq remains below 49.97 per excursion		0:03:46	Average time frequency remains above 50.03 per excursion		0:02:42			