

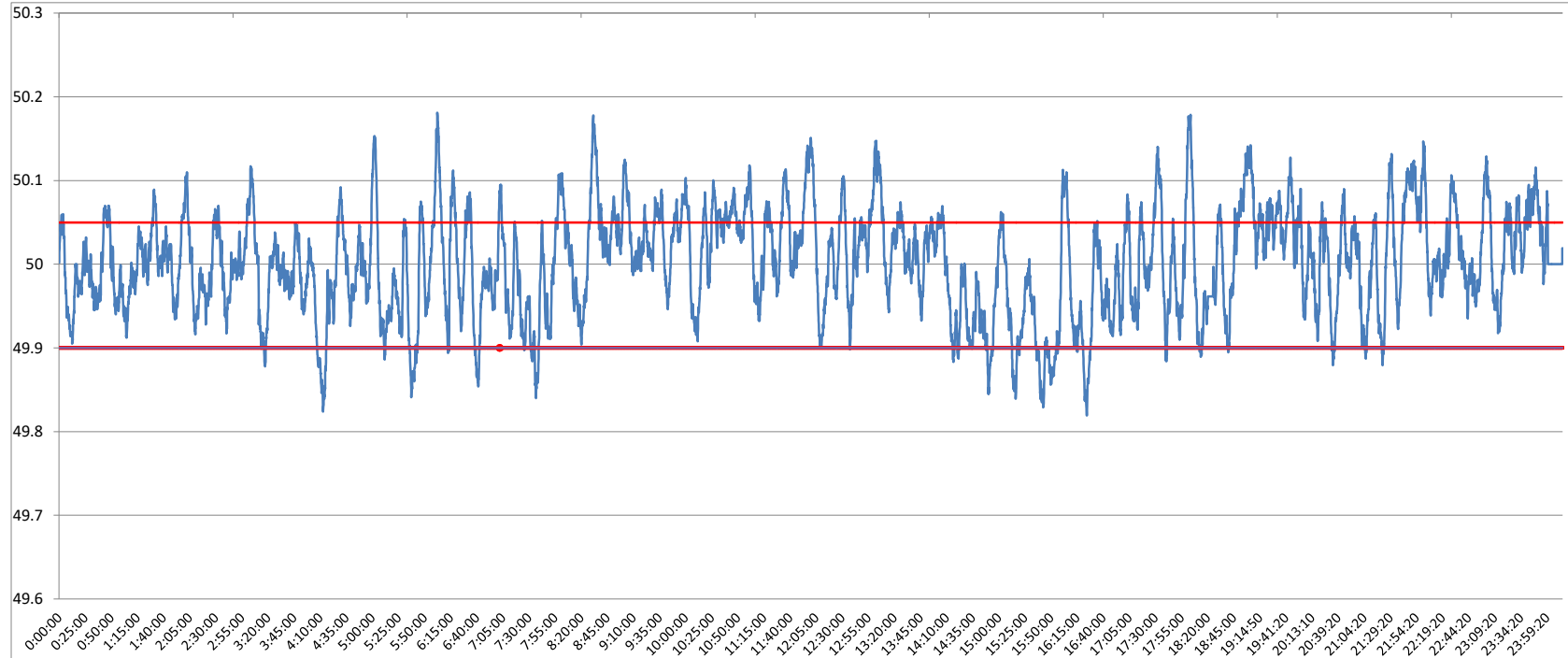


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

TALCHER:Frequency

National Grid Frequency Profile for

24-Jan-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	5.63	31.59	0.00	5.63	42.41	46.38	5.59	70.94	100.00	33.85	18.15	50.39	34.56	23.44	0.00

Average Frequency		50.00	Frequency Variation Index :		0.040	Standard Deviation :		0.063	
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		125	
Max	50.18	6:02:10	Max	50.090	21:45:00	No. of excursion below 49.97 Hz		107	
Min	49.82	16:24:20	Min	49.895	16:30:00	No. of excursion above 50.00 Hz		135	
Average time freq remains below 49.97 per excursion			0:04:15	Average time frequency remains above 50.03 per excursion		0:03:59	No. of excursion below 50.00 Hz		121