

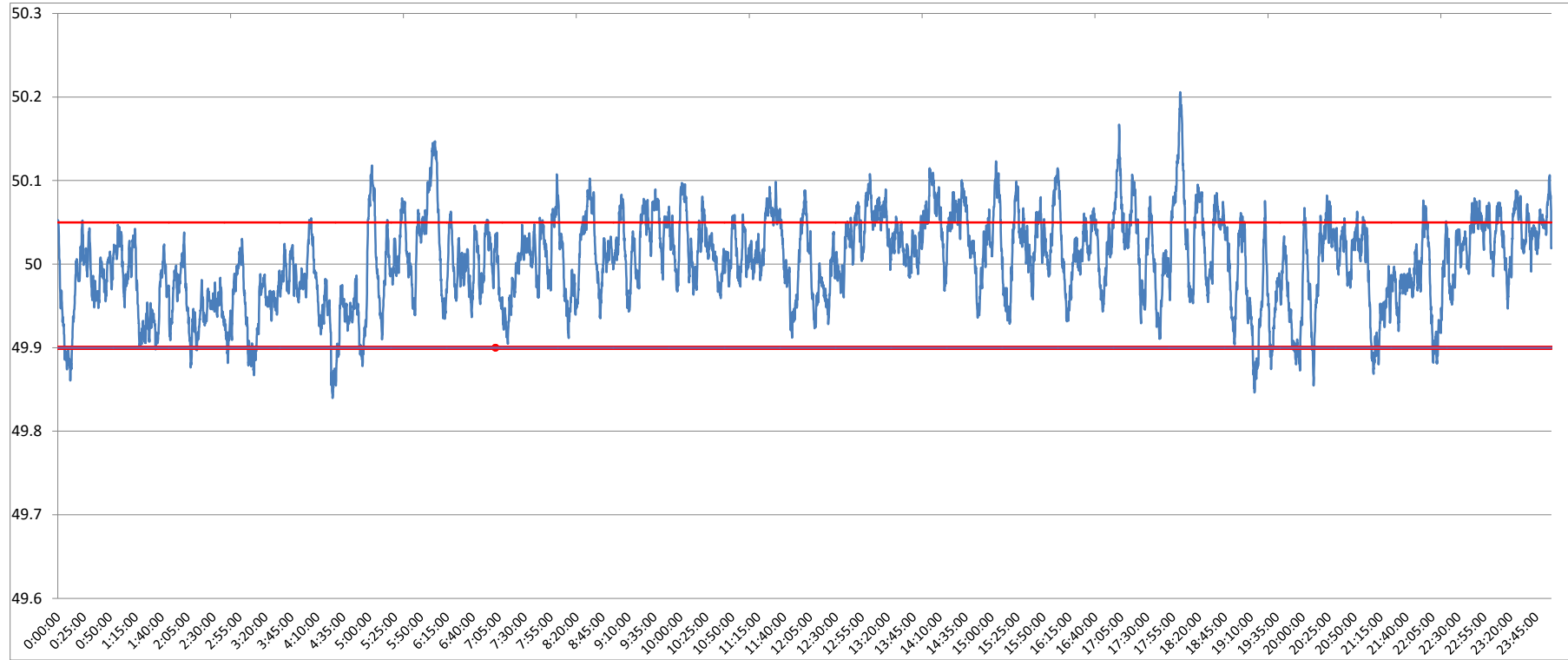


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

24-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	3.61	26.88	0.00	3.61	42.06	52.35	1.93	77.07	99.95	40.08	17.37	54.29	33.04	19.32	0.05

Average Frequency	50.00	Frequency Variation Index :	0.028	Standard Deviation :	0.053
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Instantaneous Frequency	
Max	50.21 18:02:10
Min	49.84 4:25:00

15 minute average Frequency	
Max	50.068 13:15:00
Min	49.910 3:15:00

No. of excursion above 50.03 Hz	179
No. of excursion below 49.97 Hz	118
No. of excursion above 50.00 Hz	150
No. of excursion below 50.00 Hz	148

Average time freq remains below 49.97 per excursion	0:03:17	Average time frequency remains above 50.03 per excursion	0:02:39
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