

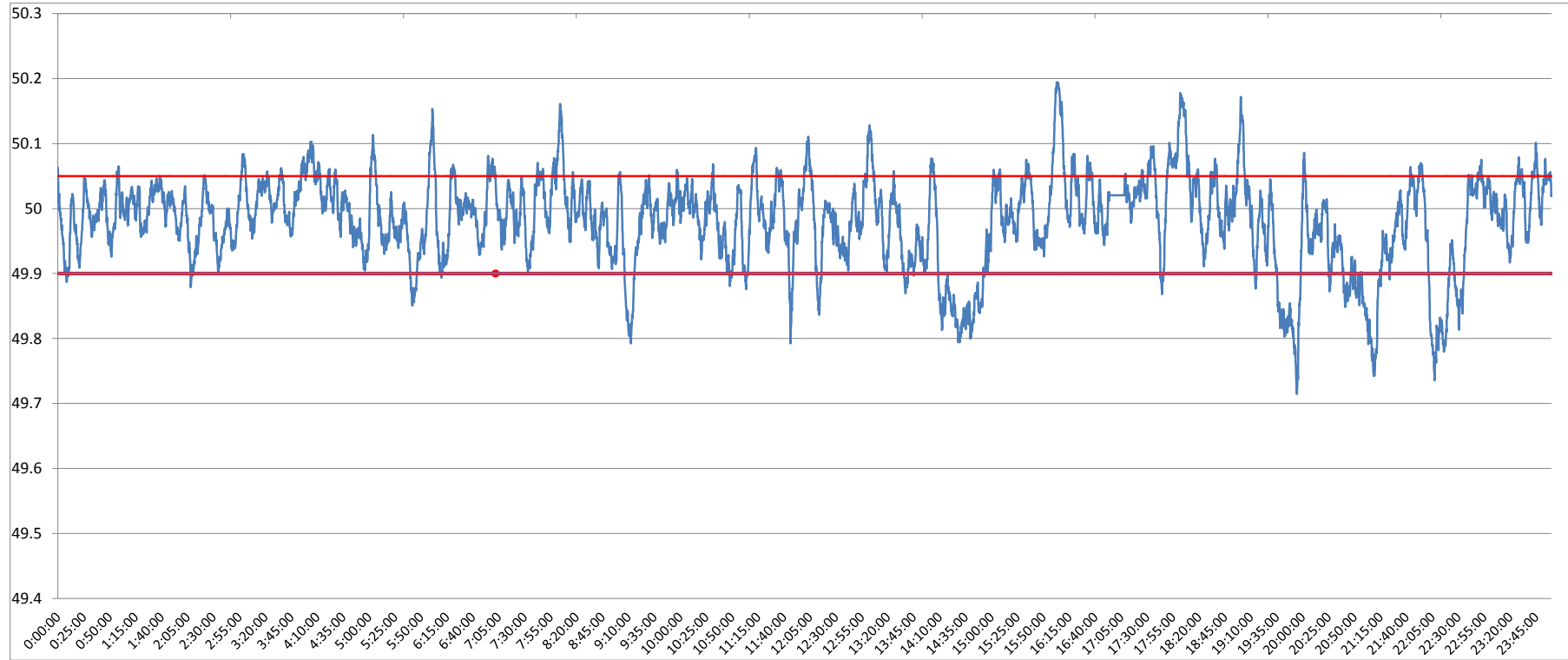


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

01-Jul-15



<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	12.04	38.44	1.53	10.51	44.99	40.58	2.40	75.68	100.00	39.03	9.97	42.86	22.53	12.28	0.00

Average Frequency	49.98	Frequency Variation Index :	0.053	Standard Deviation :	0.070
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Instantaneous Frequency	
Max	50.19 16:03:00
Min	49.71 19:54:30

15 minute average Frequency	
Max	50.106 16:15:00
Min	49.812 21:15:00

No. of excursion above 50.03 Hz	126
No. of excursion below 49.97 Hz	132
No. of excursion above 50.00 Hz	161
No. of excursion below 50.00 Hz	155

Average time freq remains below 49.97 per excursion	0:04:12	Average time frequency remains above 50.03 per excursion	0:02:35
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