

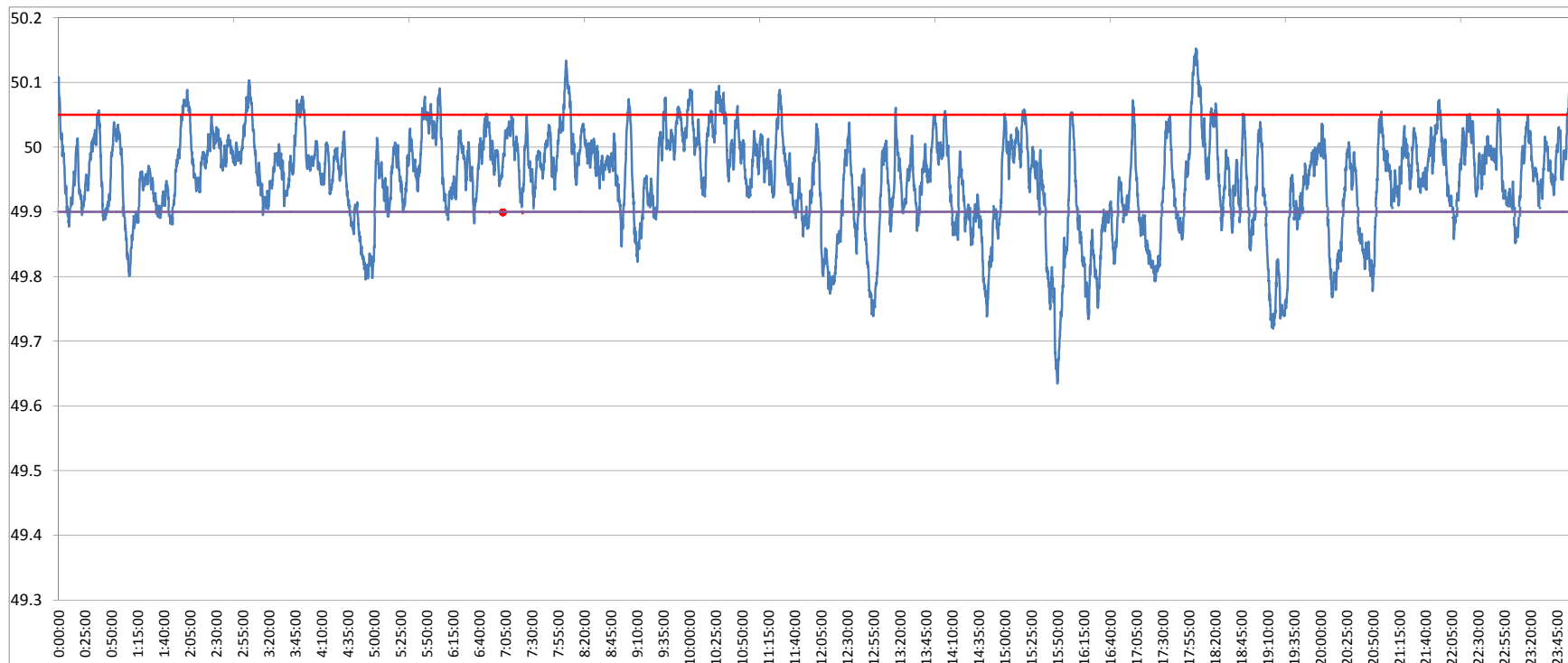


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

04-Aug-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	0.30	22.34	54.98	4.28	17.75	51.85	25.15	0.66	71.52	99.70	33.11	5.51	25.74	11.91	6.15	0.00

Average Frequency	49.95	Frequency Variation Index :	0.081	Standard Deviation :	0.075
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Instantaneous Frequency	
Max	50.15 18:01:40
Min	49.63 15:49:50

15 minute average Frequency	
Max	50.049 18:15:00
Min	49.756 16:00:00

No. of excursion above 50.03 Hz	81
No. of excursion below 49.97 Hz	132
No. of excursion above 50.00 Hz	142
No. of excursion below 50.00 Hz	139

Average time freq remains below 49.97 per excursion	0:06:00	Average time frequency remains above 50.03 per excursion	0:02:07
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