

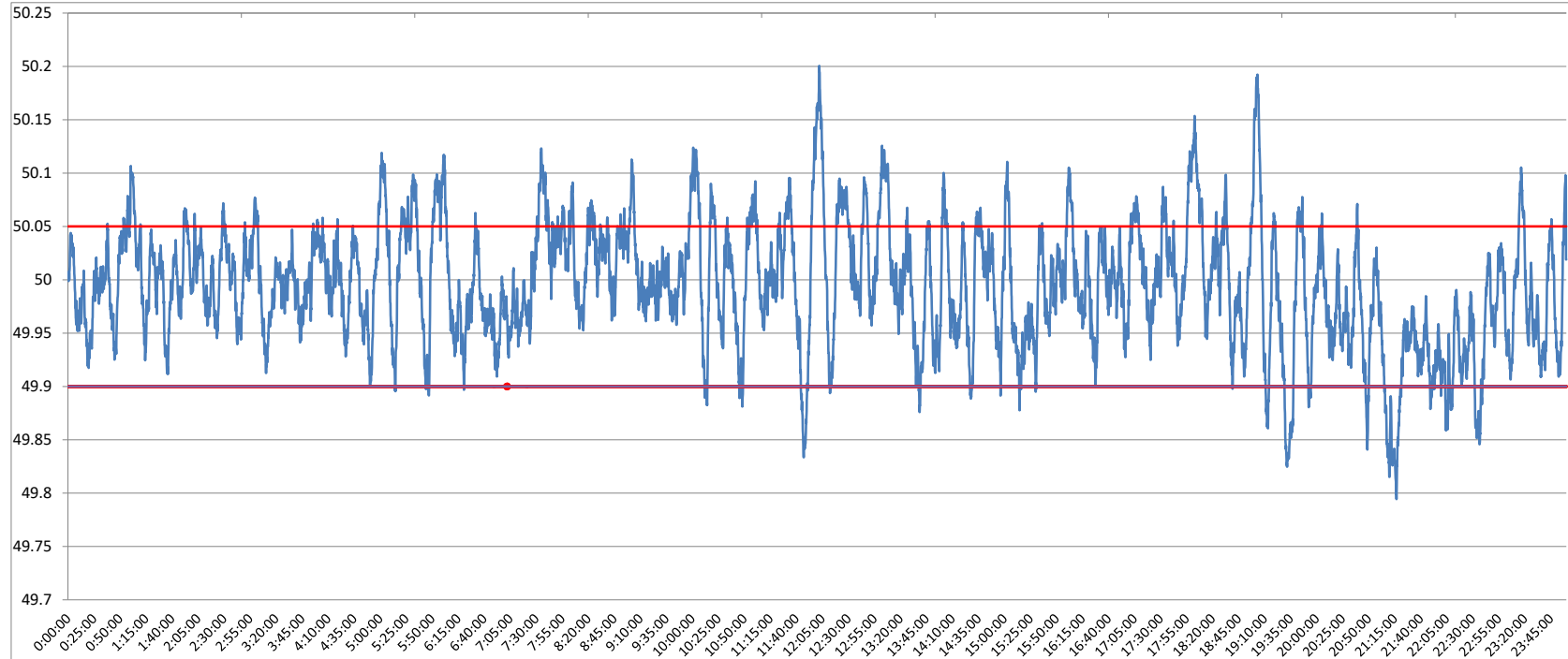


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

13-Jun-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	4.57	33.34	0.02	4.55	48.94	43.68	2.80	79.40	99.99	39.90	13.29	46.42	26.76	16.03	0.01

Average Frequency	49.99	Frequency Variation Index :	0.033	Standard Deviation :	0.057
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Instantaneous Frequency		
Max	50.2	12:02:00
Min	49.79	21:16:40

15 minute average Frequency		
Max	50.064	7:45:00
Min	49.884	21:15:00

No. of excursion above 50.03 Hz	135
No. of excursion below 49.97 Hz	172
No. of excursion above 50.00 Hz	178
No. of excursion below 50.00 Hz	178

Average time freq remains below 49.97 per excursion	0:02:47	Average time frequency remains above 50.03 per excursion	0:02:51
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