

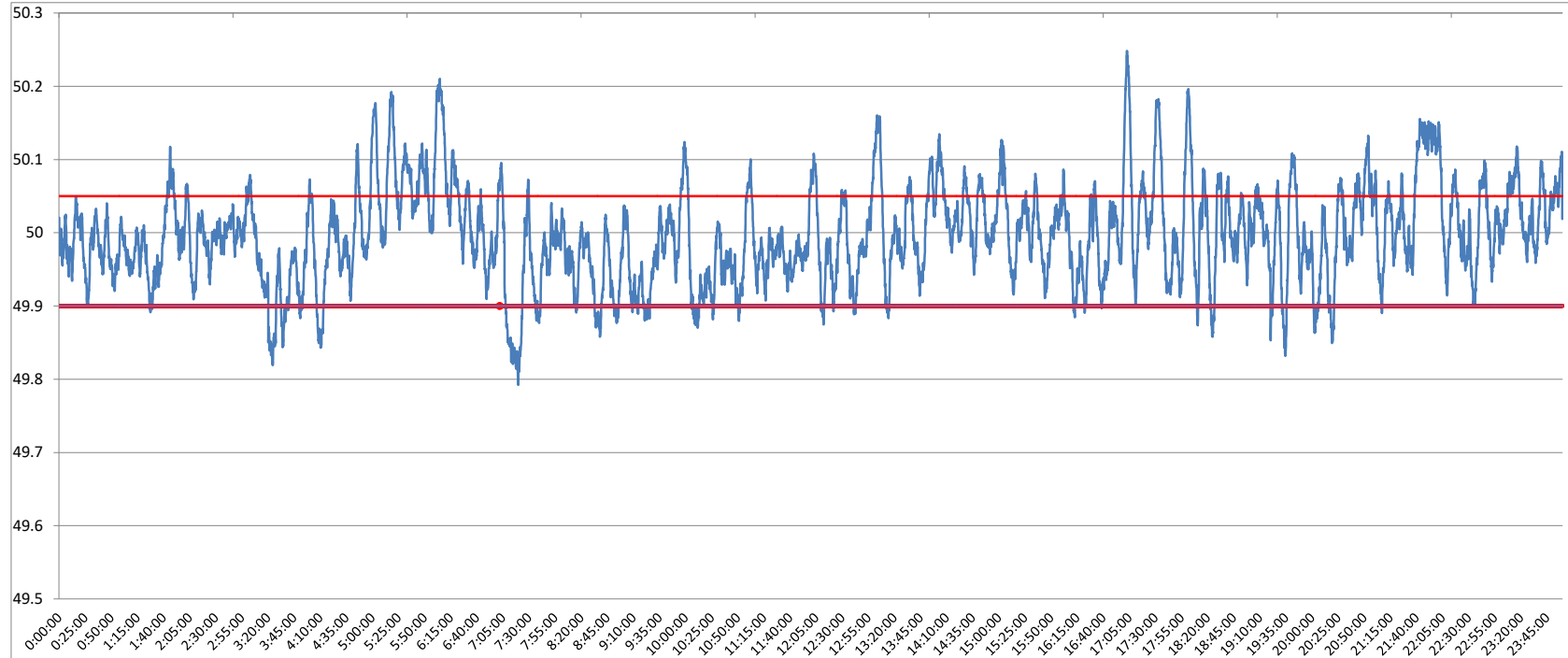


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

18-Dec-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	7.07	34.99	0.02	7.05	47.82	38.51	6.31	72.58	99.71	36.67	13.80	45.02	28.34	20.35	0.29

Average Frequency	50.00	Frequency Variation Index :	0.045	Standard Deviation :	0.067
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Instantaneous Frequency	
Max	50.25 17:02:40
Min	49.79 7:19:40

15 minute average Frequency		
Max	50.130	22:00:00
Min	49.888	3:30:00

No. of excursion above 50.03 Hz	115
No. of excursion below 49.97 Hz	157
No. of excursion above 50.00 Hz	162
No. of excursion below 50.00 Hz	161

Average time freq remains below 49.97 per excursion	0:03:13	Average time frequency remains above 50.03 per excursion	0:03:33
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