

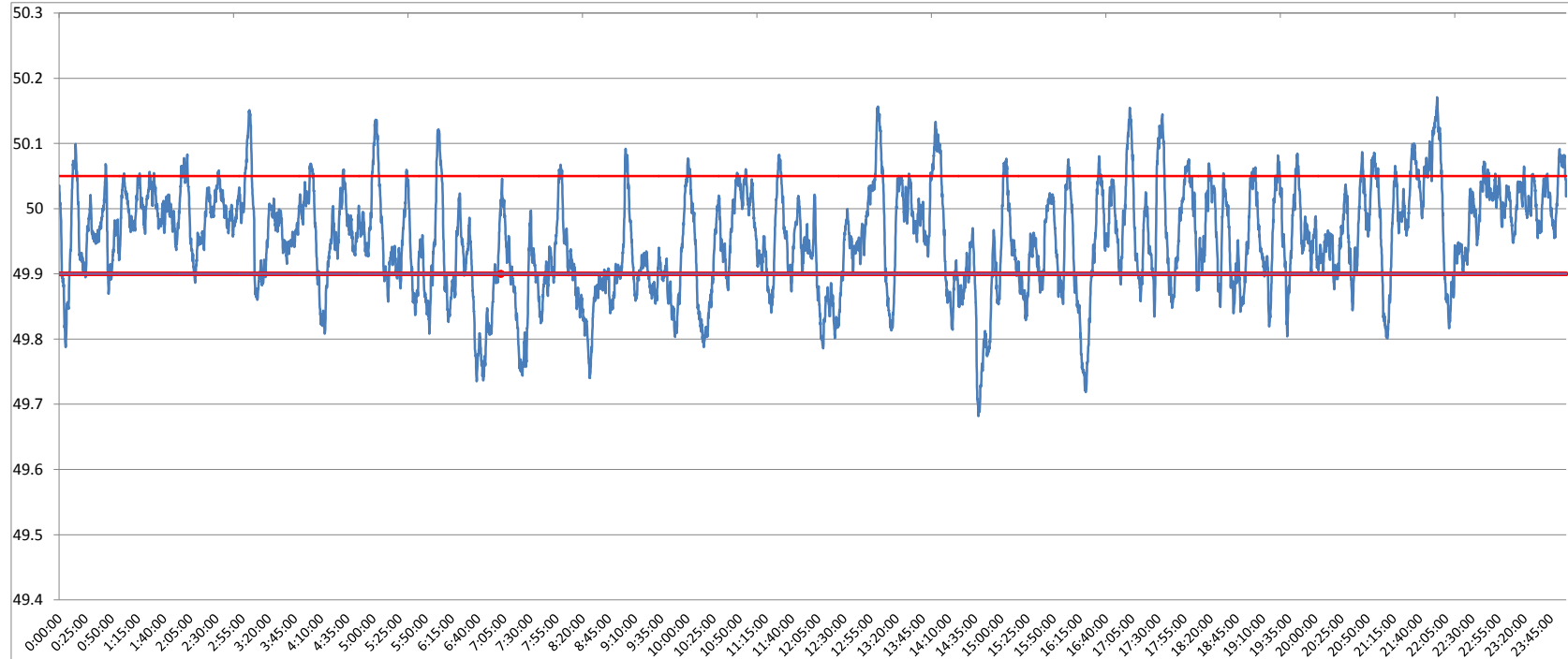


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

22-Dec-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	0.13	26.15	56.61	2.97	23.04	43.76	27.67	2.42	63.55	99.87	25.61	7.91	30.06	17.78	10.30	0.00

Average Frequency	49.95	Frequency Variation Index :	0.086	Standard Deviation :	0.080
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Instantaneous Frequency		
Max	50.17	21:56:30
Min	49.68	14:38:20

15 minute average Frequency		
Max	50.101	22:00:00
Min	49.813	7:30:00

No. of excursion above 50.03 Hz	89
No. of excursion below 49.97 Hz	109
No. of excursion above 50.00 Hz	114
No. of excursion below 50.00 Hz	112

Average time freq remains below 49.97 per excursion	0:07:29	Average time frequency remains above 50.03 per excursion	0:02:53
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