

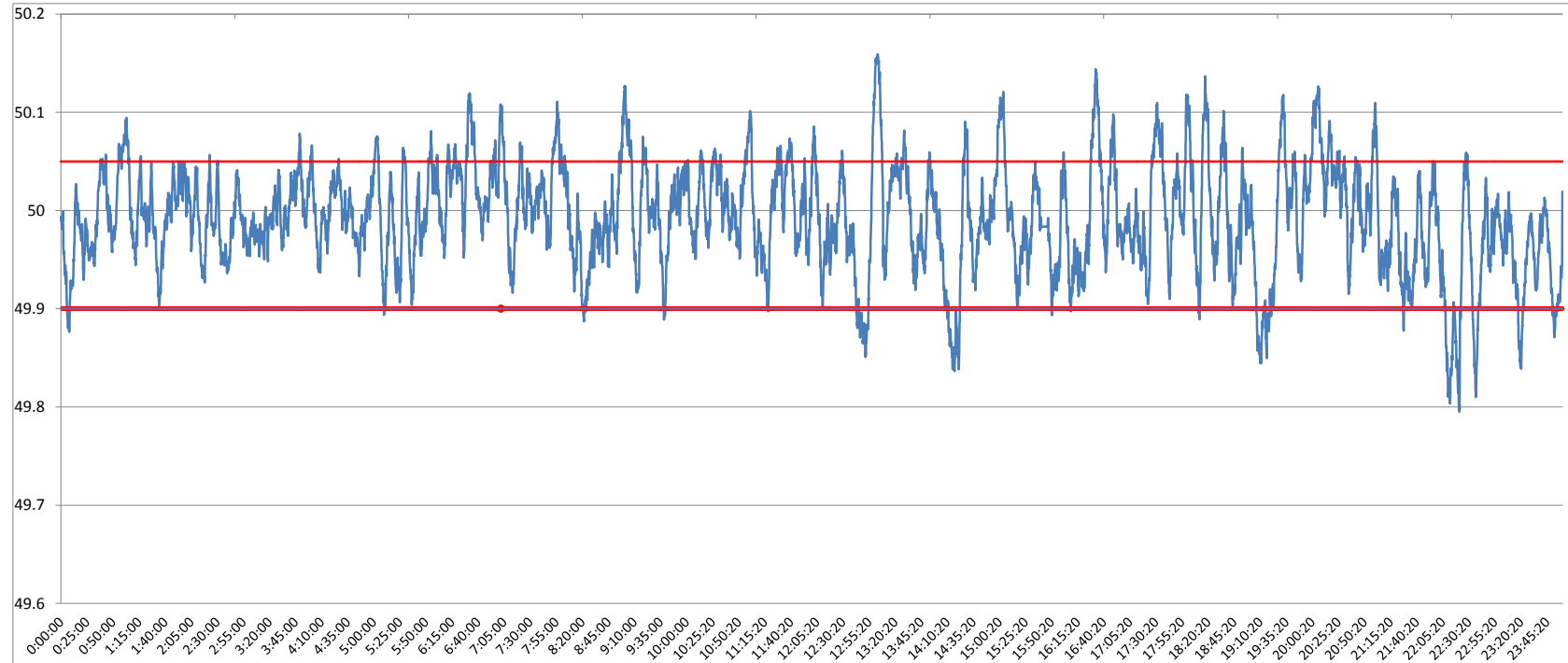


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL-Frequency

National Grid Frequency Profile for

07-Apr-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	5.05	32.09	0.05	5.00	51.20	41.39	2.36	81.74	100.00	43.11	10.93	43.66	24.79	13.22	0.00

Average Frequency	49.99	Frequency Variation Index :	0.030	Standard Deviation :	0.055
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.16 13:03:30	Max	50.071 20:15:00	No. of excursion below 49.97 Hz	146
Min	49.80 22:21:00	Min	49.892 22:15:00	No. of excursion above 50.00 Hz	181
				No. of excursion below 50.00 Hz	181

Average time freq remains below 49.97 per excursion	0:02:53	Average time frequency remains above 50.03 per excursion	0:02:27
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