

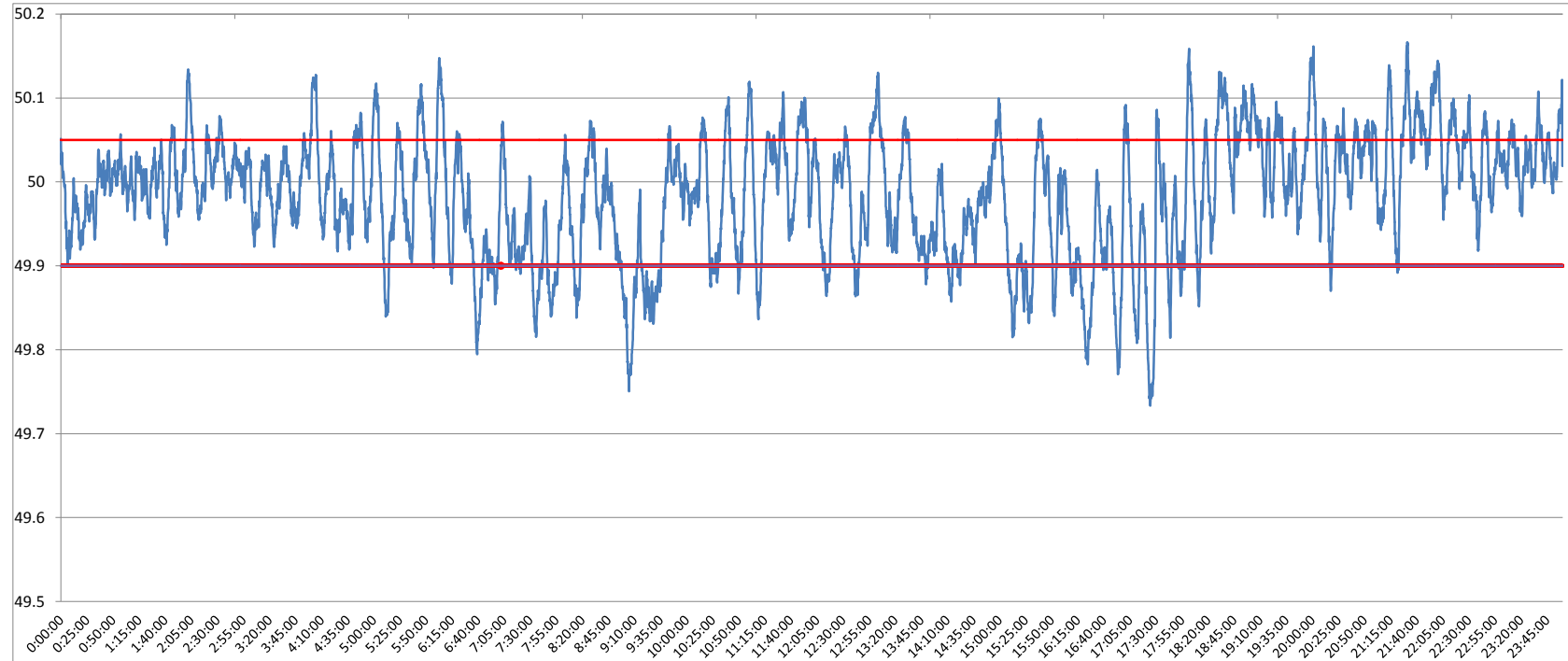


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

01-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	13.40	39.41	1.10	12.30	40.61	42.09	3.89	67.25	100.00	32.26	15.51	45.97	28.33	19.35	0.00

Average Frequency	49.98	Frequency Variation Index :	0.055	Standard Deviation :	0.072
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.17	21:31:00	Max	50.081	21:45:00	125	
Min	49.73	17:24:30	Min	49.843	9:15:00	112	
						No. of excursion above 50.00 Hz	
						124	
						No. of excursion below 50.00 Hz	
						123	

Average time freq remains below 49.97 per excursion	0:05:04	Average time frequency remains above 50.03 per excursion	0:03:16
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