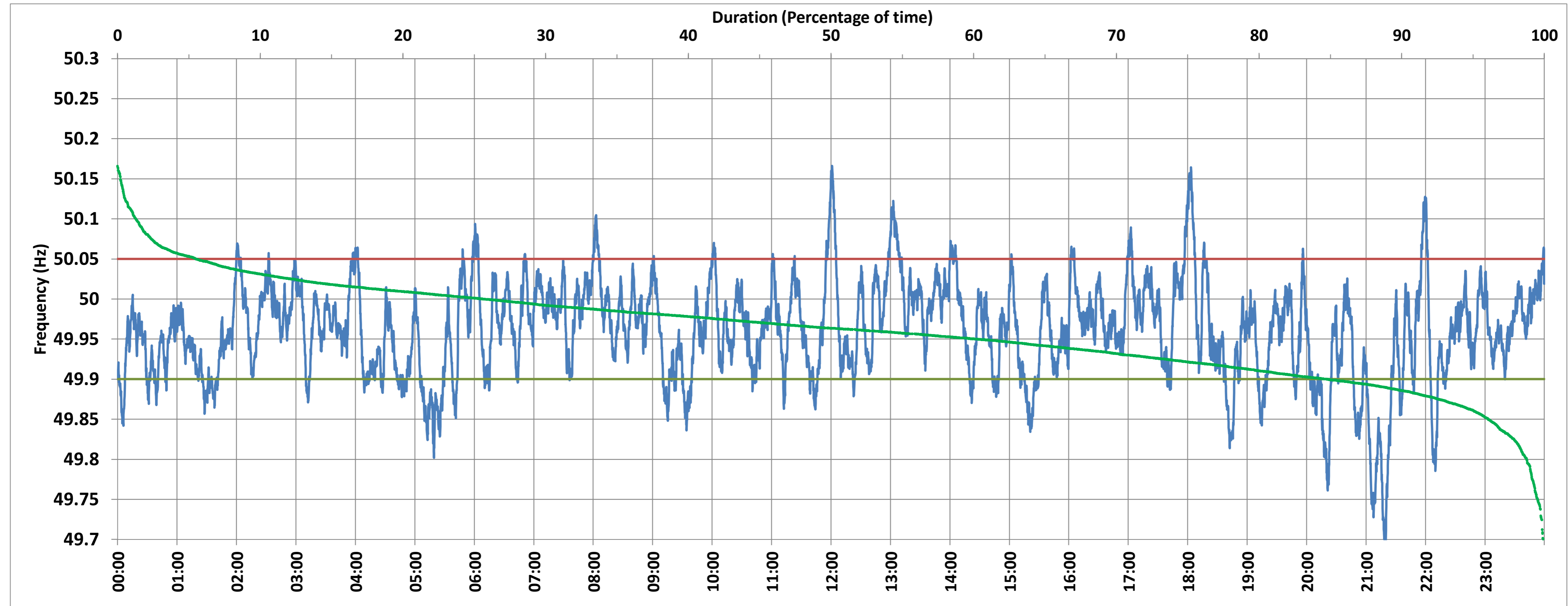


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 14-Mar-2018



<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
0.08	15.20	54.40	1.15	13.97	59.06	24.44	1.30	79.29	99.92	35.15	4.25	25.68	10.45	5.51	0.00

Average Frequency :	49.960	Frequency Variation Index :	0.053	Standard Deviation :	0.061	Mileage	47.38
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Instantaneous Frequency			
Max	50.166	12:01:00	
Min	49.675	21:19:30	

15 minute Average Frequency			
Max	50.062	13:15:00	
Min	49.806	21:15:00	

No. of excursions above 50.03 Hz	76
No. of excursions below 49.97 Hz	161
No. of excursions above 50.00 Hz	150
No. of excursions below 50.00 Hz	149

Average time freq remains below 49.97 per excursion	0:04:52	Average time frequency remains above 50.03 per excursion	0:01:59
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