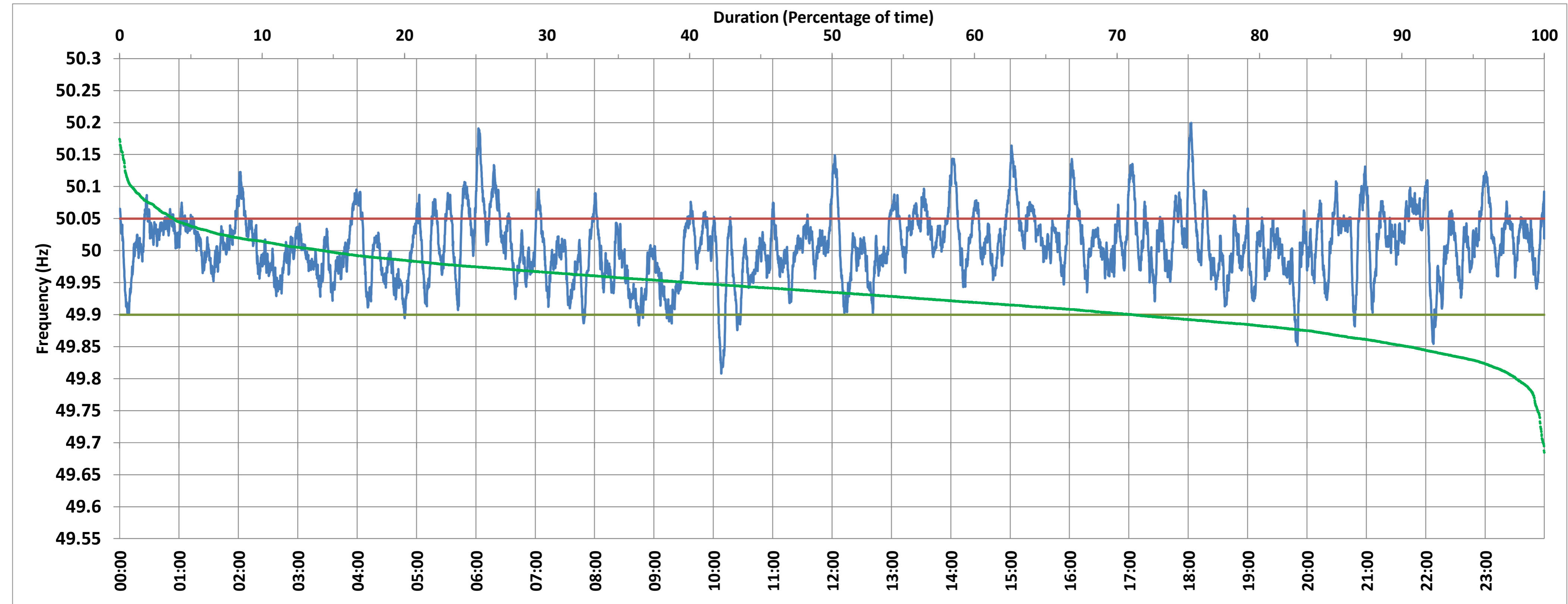


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 4-Feb-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
0.00	1.97	22.34	0.00	1.97	41.64	52.57	3.82	79.21	100.00	45.52	15.03	56.33	32.14	18.82	0.00

Average Frequency :	50.007	Frequency Variation Index :	0.027	Standard Deviation :	0.052	Mileage	45.82
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Instantaneous Frequency			
Max	50.200	18:02:50	
Min	49.808	10:08:00	

15 minute Average Frequency			
Max	50.094	6:15:00	
Min	49.924	10:15:00	

No. of excursions above 50.03 Hz	171
No. of excursions below 49.97 Hz	153
No. of excursions above 50.00 Hz	183
No. of excursions below 50.00 Hz	186

Average time freq remains below 49.97 per excursion	0:02:06	Average time frequency remains above 50.03 per excursion	0:02:42
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