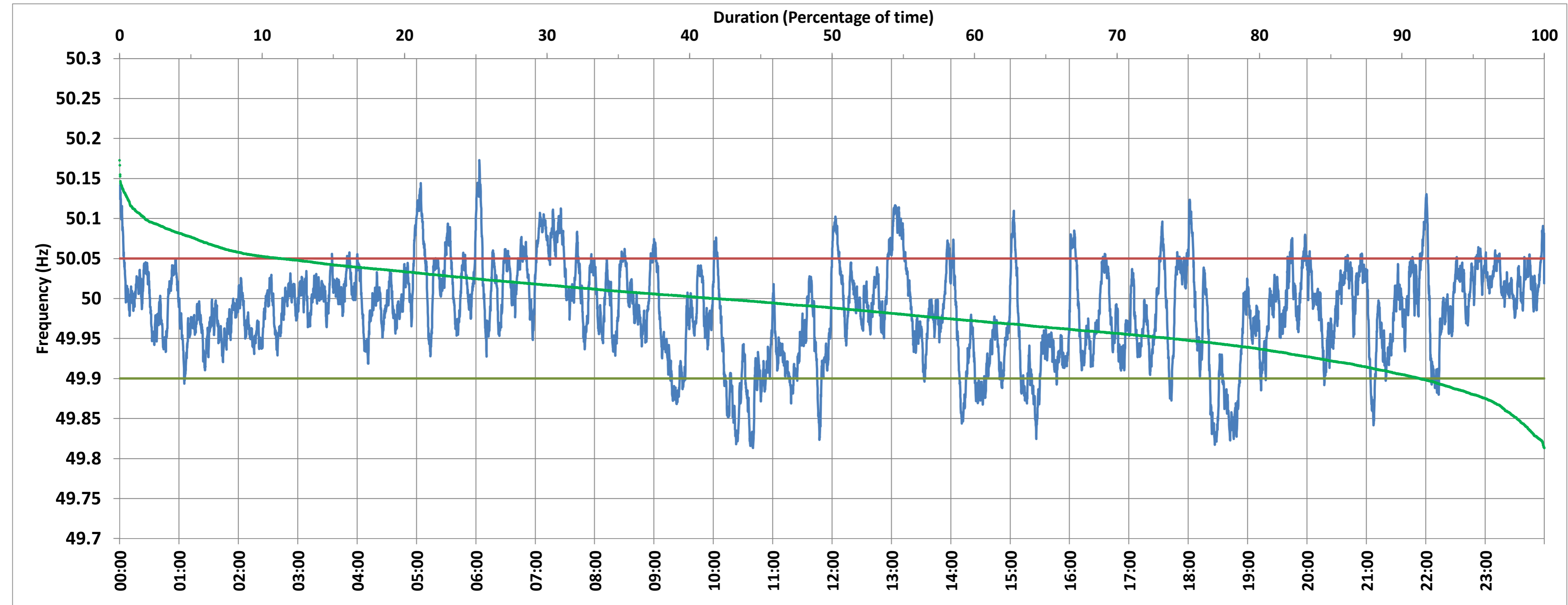


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 19-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
0.00	8.73	38.63	0.00	8.73	49.39	40.12	1.77	79.91	100.00	39.36	9.64	41.78	22.00	11.37	0.00

Average Frequency :	49.984	Frequency Variation Index :	0.037	Standard Deviation :	0.058	Mileage	45.78
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Instantaneous Frequency		
Max	50.173	6:03:30
Min	49.813	10:40:00

15 minute Average Frequency		
Max	50.086	13:15:00
Min	49.867	10:30:00

No. of excursions above 50.03 Hz	120
No. of excursions below 49.97 Hz	153
No. of excursions above 50.00 Hz	177
No. of excursions below 50.00 Hz	175

Average time freq remains below 49.97 per excursion	0:03:38	Average time frequency remains above 50.03 per excursion	0:02:38
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