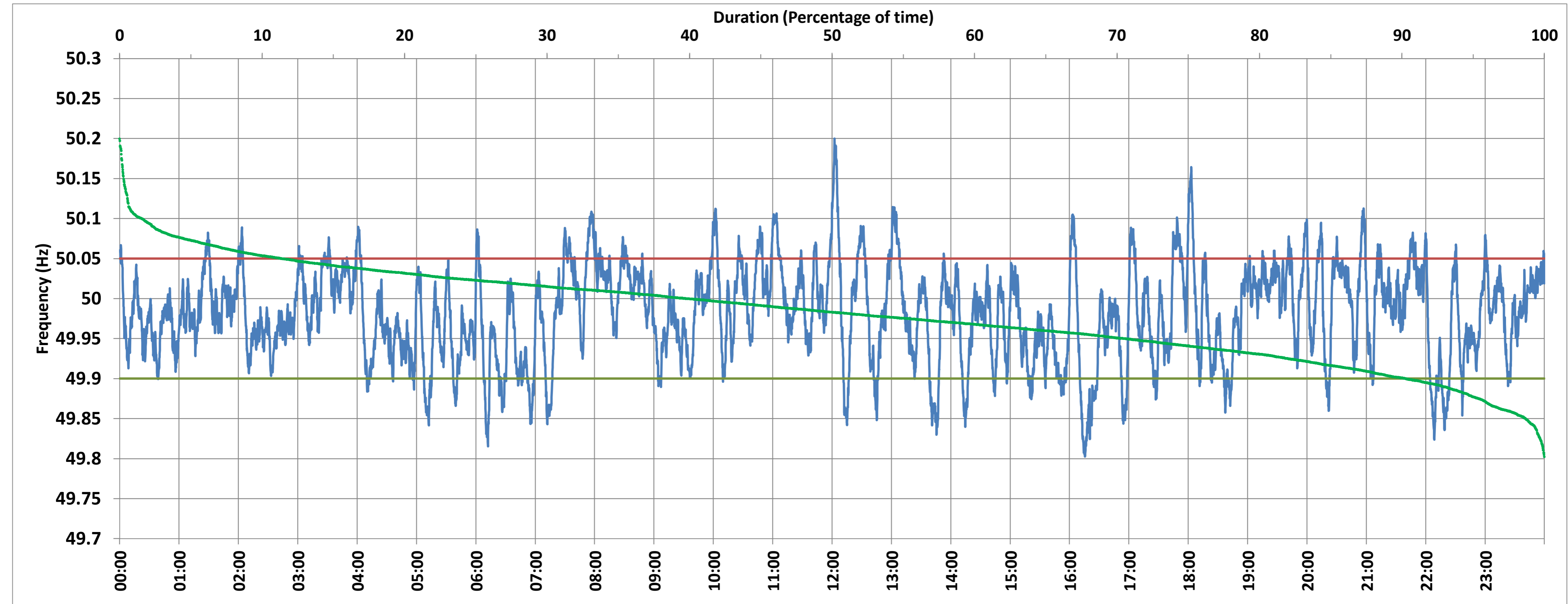


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 15-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	9.72	41.25	0.00	9.72	50.34	38.37	1.57	78.85	100.00	37.75	9.92	39.86	21.00	11.42	0.00

Average Frequency :	49.981	Frequency Variation Index :	0.039	Standard Deviation :	0.059	Mileage	48.94
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Instantaneous Frequency		
Max	50.200	12:02:20
Min	49.803	16:15:40

15 minute Average Frequency		
Max	50.049	13:15:00
Min	49.868	16:30:00

No. of excursions above 50.03 Hz	132
No. of excursions below 49.97 Hz	163
No. of excursions above 50.00 Hz	153
No. of excursions below 50.00 Hz	151

Average time freq remains below 49.97 per excursion	0:03:39	Average time frequency remains above 50.03 per excursion	0:02:17
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