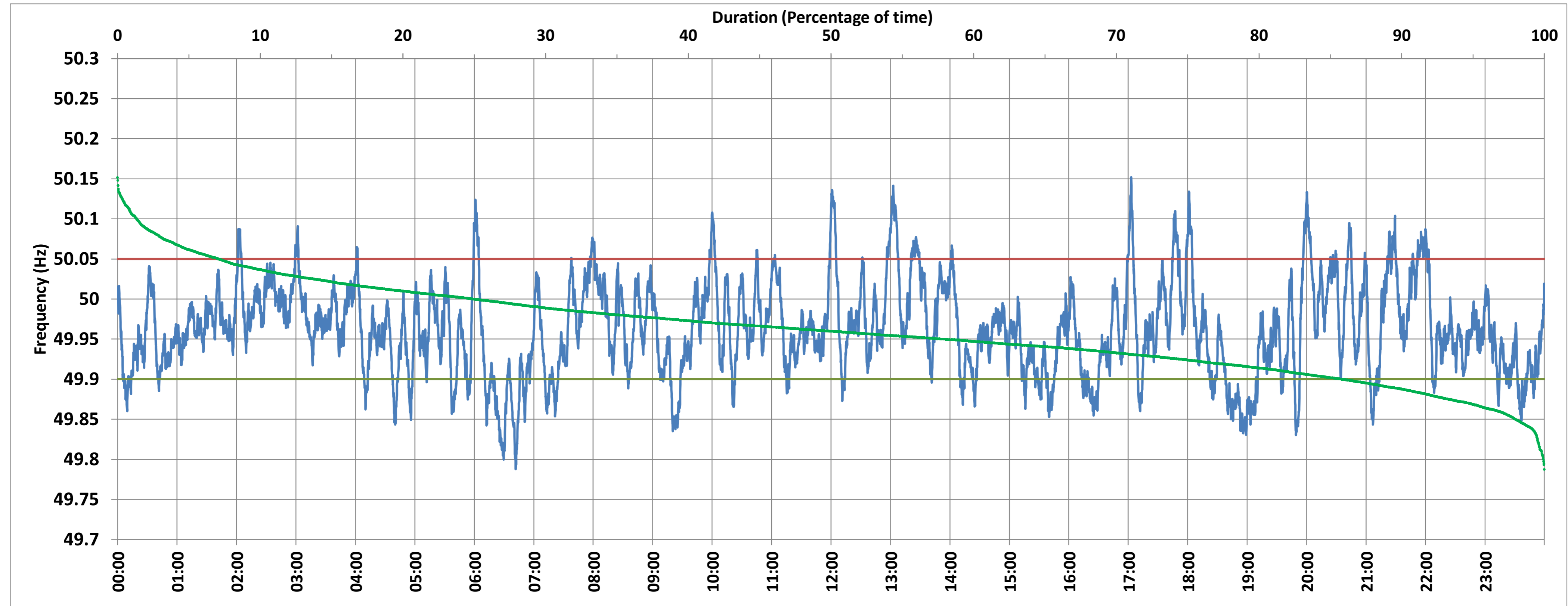


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 20-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	14.12	57.97	0.07	14.05	60.83	23.70	1.34	78.80	100.00	30.03	5.75	25.00	11.99	7.08	0.00

Average Frequency :	49.962	Frequency Variation Index :	0.047	Standard Deviation :	0.058	Mileage	46.38
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Instantaneous Frequency		
Max	50.152	17:03:00
Min	49.788	6:41:40

15 minute Average Frequency		
Max	50.048	22:00:00
Min	49.858	6:45:00

No. of excursions above 50.03 Hz	74
No. of excursions below 49.97 Hz	165
No. of excursions above 50.00 Hz	119
No. of excursions below 50.00 Hz	118

Average time freq remains below 49.97 per excursion	0:05:04	Average time frequency remains above 50.03 per excursion	0:02:20
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