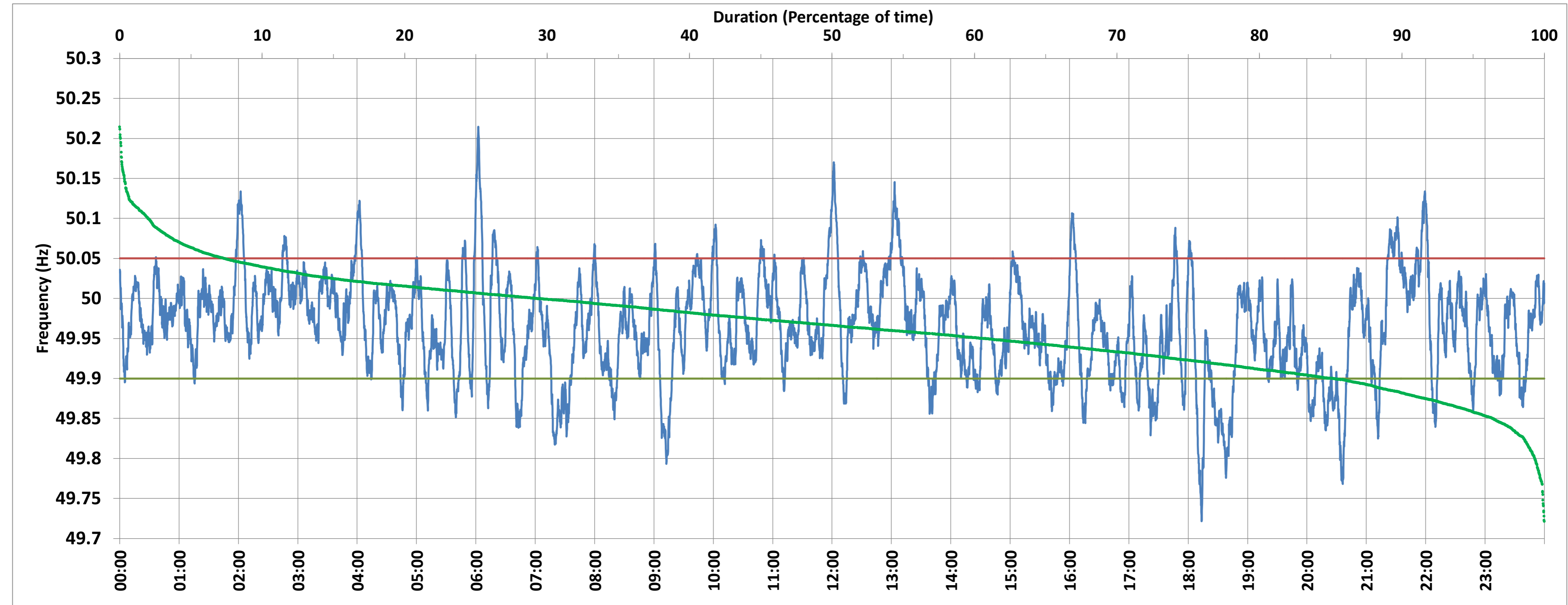


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 24-Jan-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	14.76	52.21	0.67	14.09	55.78	27.48	1.93	77.87	99.94	34.83	5.42	29.40	12.96	7.37	0.06

Average Frequency :	49.965	Frequency Variation Index :	0.052	Standard Deviation :	0.063	Positive Mileage(Above>50)	92.46
						Negative Mileage(Below<50)	397.91

Instantaneous Frequency		
Max	50.215	6:02:30
Min	49.722	18:13:30

15 minute Average Frequency		
Max	50.068	13:15:00
Min	49.830	18:45:00

No. of excursions above 50.03 Hz	76
No. of excursions below 49.97 Hz	147
No. of excursions above 50.00 Hz	148
No. of excursions below 50.00 Hz	147

Average time freq remains below 49.97 per excursion	0:05:07	Average time frequency remains above 50.03 per excursion	0:02:27
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