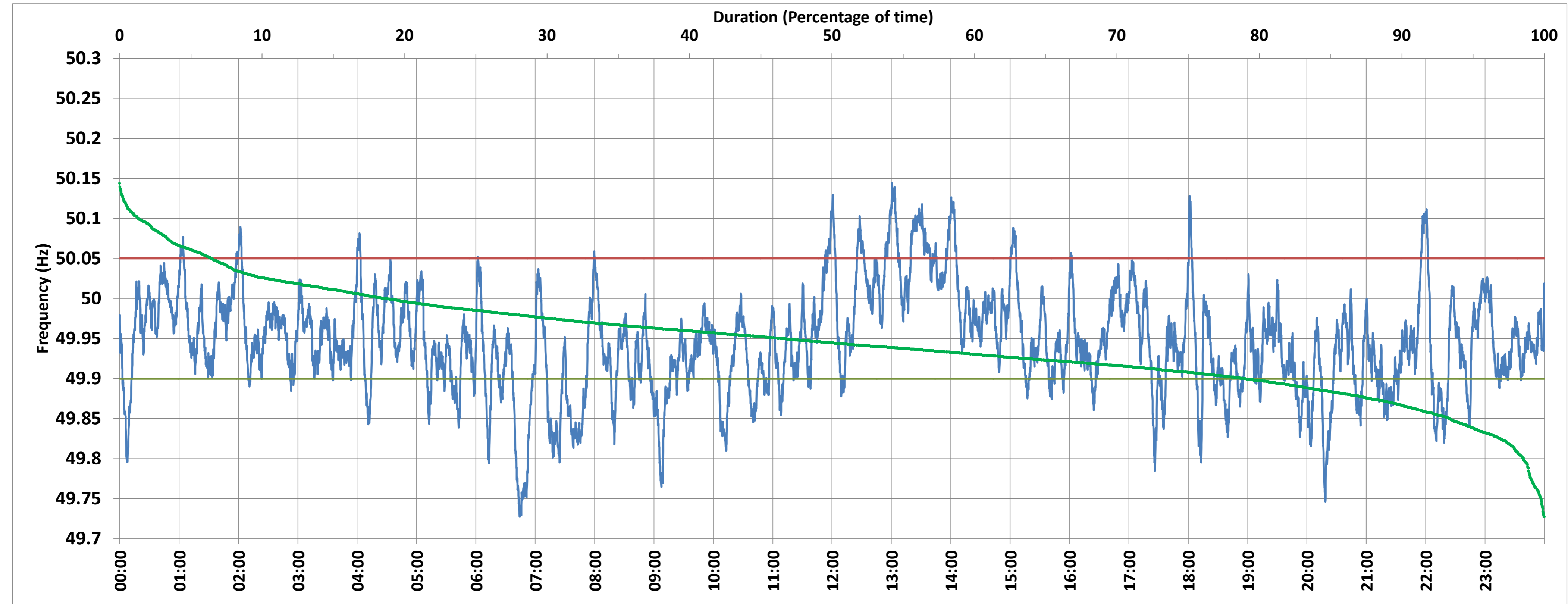


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 25-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	21.06	66.88	1.47	19.59	60.25	17.36	1.32	72.47	100.00	24.10	5.20	18.66	9.03	6.47	0.00

Average Frequency :	49.946	Frequency Variation Index :	0.071	Standard Deviation :	0.065	Positive Mileage(Above>50)	65.95
						Negative Mileage(Below<50)	529.42

Instantaneous Frequency		
Max	50.144	13:00:40
Min	49.727	6:44:20

15 minute Average Frequency		
Max	50.069	13:30:00
Min	49.817	7:00:00

No. of excursions above 50.03 Hz	44
No. of excursions below 49.97 Hz	135
No. of excursions above 50.00 Hz	80
No. of excursions below 50.00 Hz	82

Average time freq remains below 49.97 per excursion	0:07:08	Average time frequency remains above 50.03 per excursion	0:02:57
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