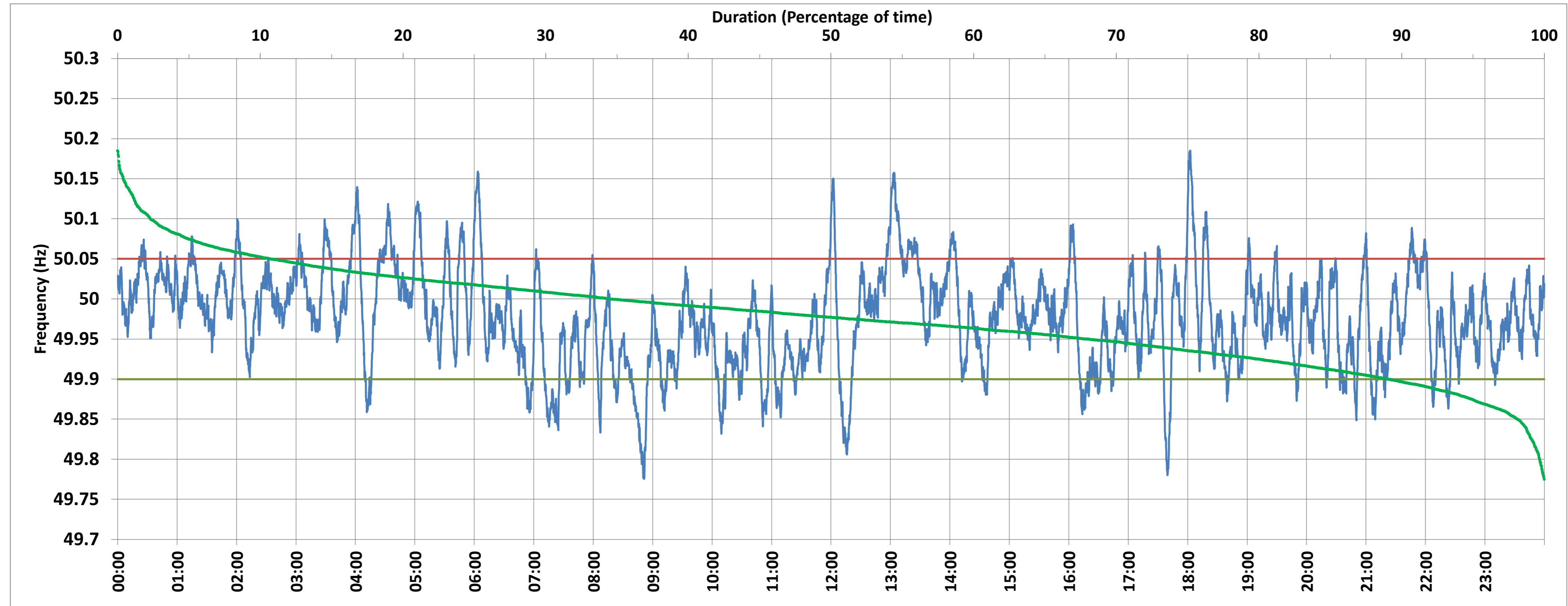


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 27-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	10.93	44.62	0.32	10.60	54.50	32.27	2.30	78.34	100.00	37.08	8.47	34.51	18.30	10.73	0.00

Average Frequency :	49.977	Frequency Variation Index :	0.043	Standard Deviation :	0.061	Positive Mileage(Above>50)	122.82
						Negative Mileage(Below<50)	325.60

Instantaneous Frequency		
Max	50.185	18:02:30
Min	49.775	8:51:20

15 minute Average Frequency		
Max	50.096	13:15:00
Min	49.862	9:00:00

No. of excursions above 50.03 Hz	98
No. of excursions below 49.97 Hz	181
No. of excursions above 50.00 Hz	137
No. of excursions below 50.00 Hz	134

Average time freq remains below 49.97 per excursion	0:03:33	Average time frequency remains above 50.03 per excursion	0:02:41
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