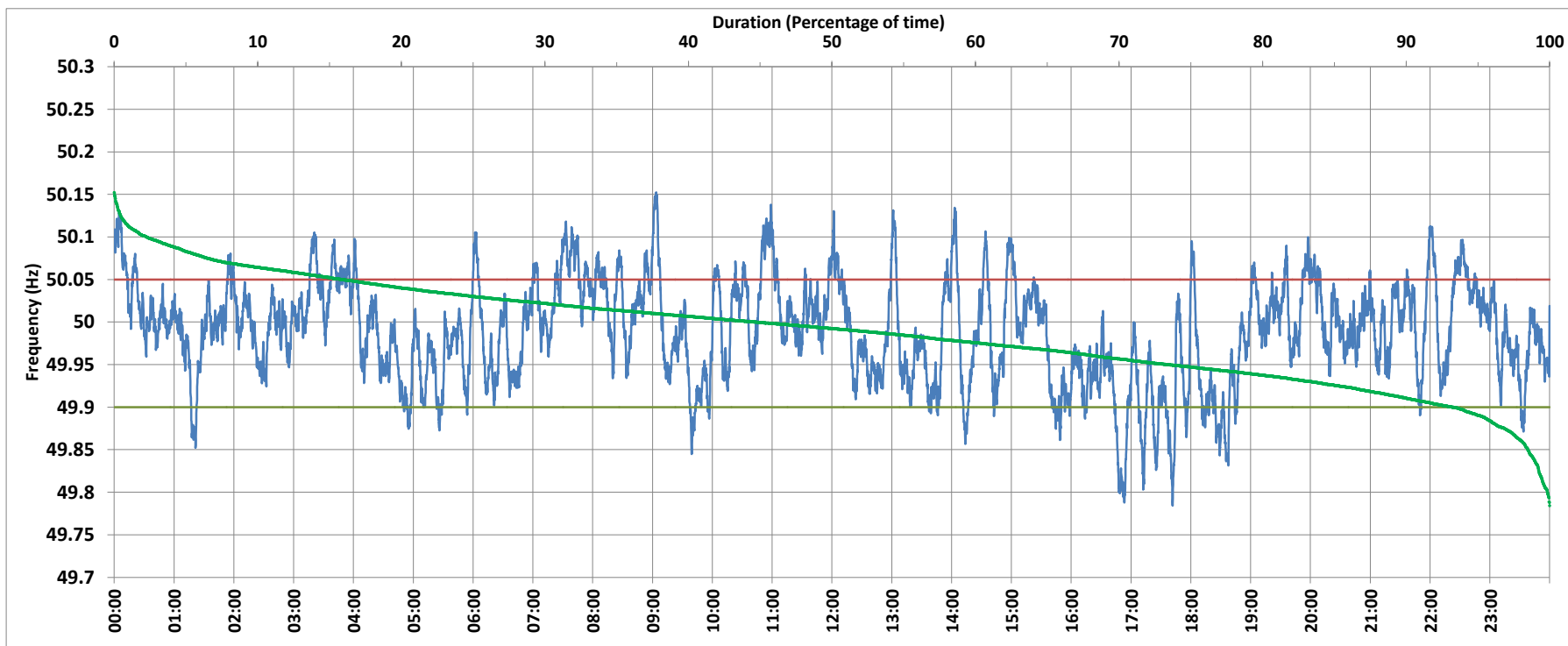


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 9/Oct/2017



<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	6.70	36.62	0.16	6.54	48.55	42.49	2.26	77.41	100.00	38.34	13.67	44.63	25.03	15.89	0.00

Average Frequency :	49.989	Frequency Variation Index :	0.037	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.152	9:03:40
Min	49.784	17:41:40

15 minute Average Frequency		
Max	50.087	7:45:00
Min	49.846	17:00:00

No. of excursions above 50.03 Hz	123
No. of excursions below 49.97 Hz	121
No. of excursions above 50.00 Hz	163
No. of excursions below 50.00 Hz	163

Average time freq remains below 49.97 per excursion	0:04:21	Average time frequency remains above 50.03 per excursion	0:02:56
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