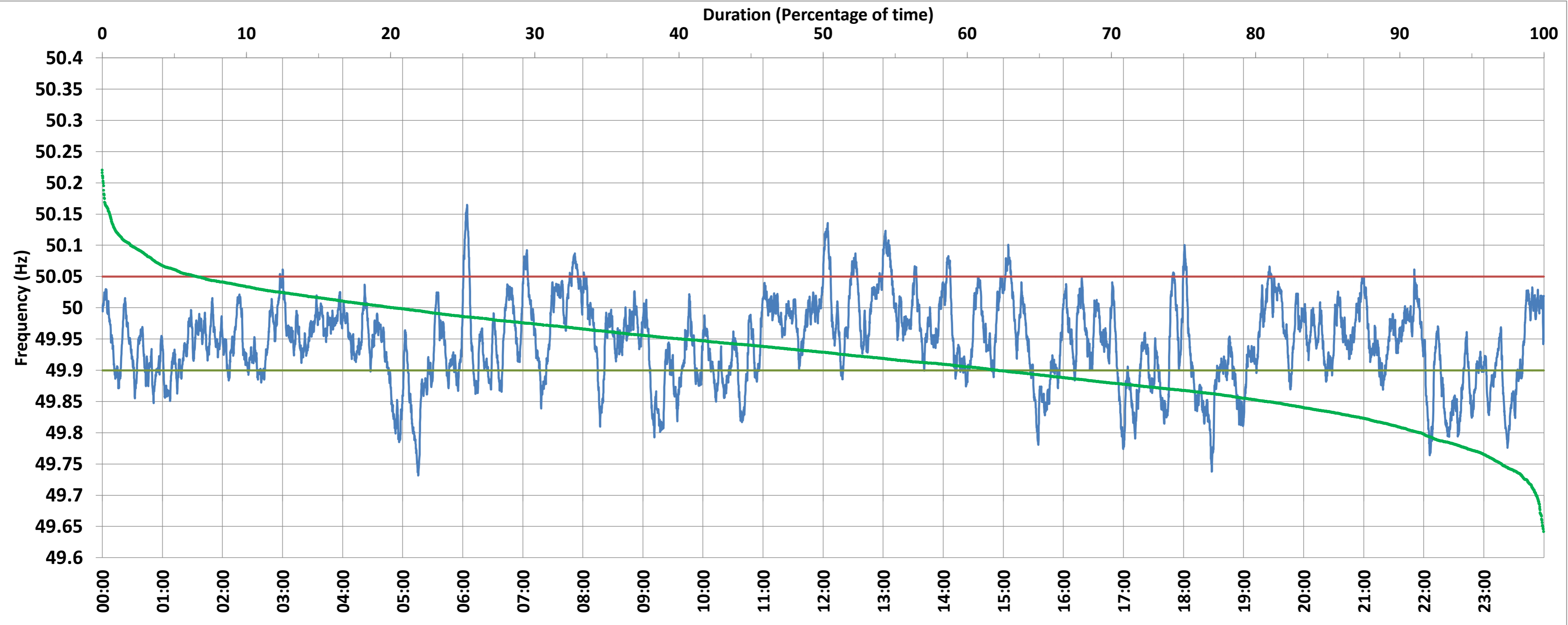


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 4-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	24.61	64.28	1.60	23.01	55.21	19.43	0.75	71.12	100.00	27.13	3.52	20.07	8.59	4.27	0.00

Average Frequency :	49.944	Frequency Variation Index :	0.075	Standard Deviation :	0.066
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		69
Max	50.165	6:04:20	Max	50.053	13:15:00	No. of excursions below 49.97 Hz	116	
Min	49.731	5:15:30	Min	49.825	18:30:00	No. of excursions above 50.00 Hz	110	
						No. of excursions below 50.00 Hz	112	

Average time freq remains below 49.97 per excursion	0:07:59	Average time frequency remains above 50.03 per excursion	0:01:48
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