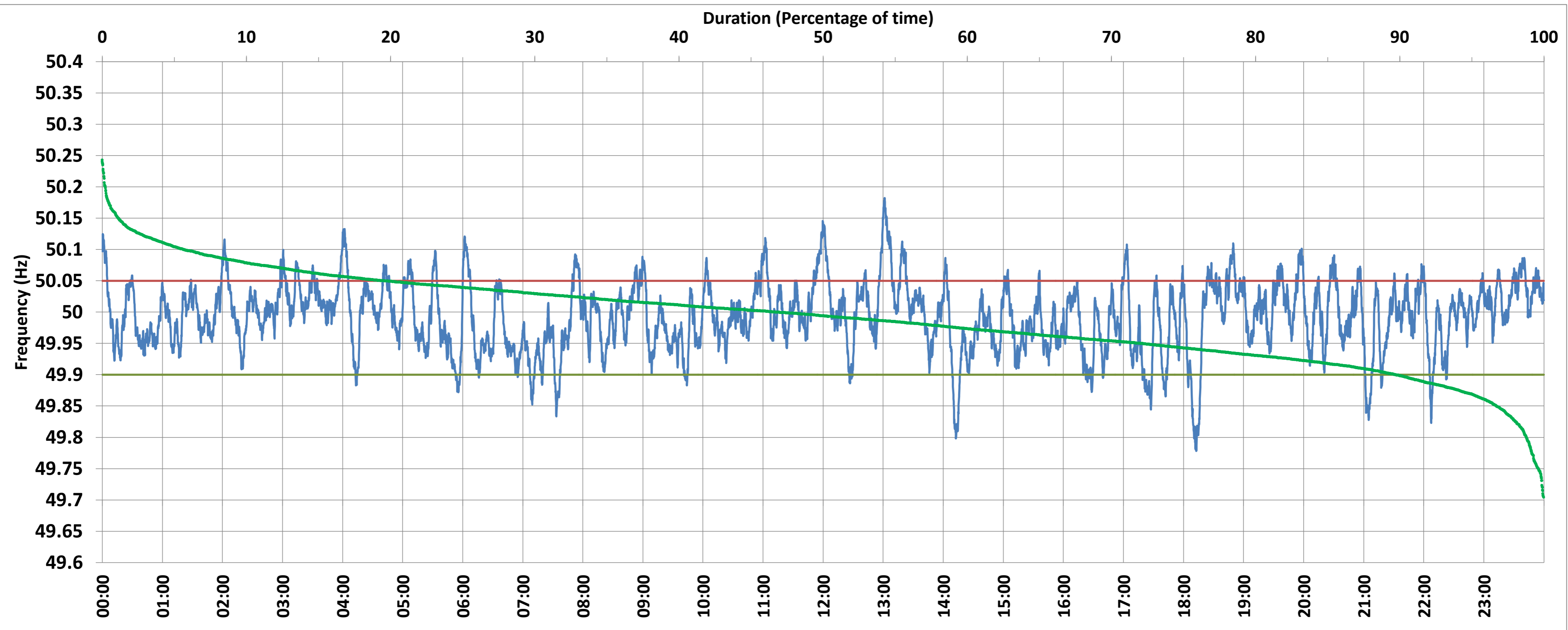


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 1-Nov-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	4.77	33.29	0.14	4.63	48.58	44.75	1.91	81.91	100.00	42.12	11.45	46.59	24.59	13.32	0.00

Average Frequency :	49.992	Frequency Variation Index :	0.031	Standard Deviation :	0.055
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		150
Max	50.182	13:01:20	Max	50.085	13:15:00	No. of excursions below 49.97 Hz		152
Min	49.778	18:12:40	Min	49.884	18:15:00	No. of excursions above 50.00 Hz		184
						No. of excursions below 50.00 Hz		181

Average time freq remains below 49.97 per excursion	0:03:09	Average time frequency remains above 50.03 per excursion	0:02:22
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