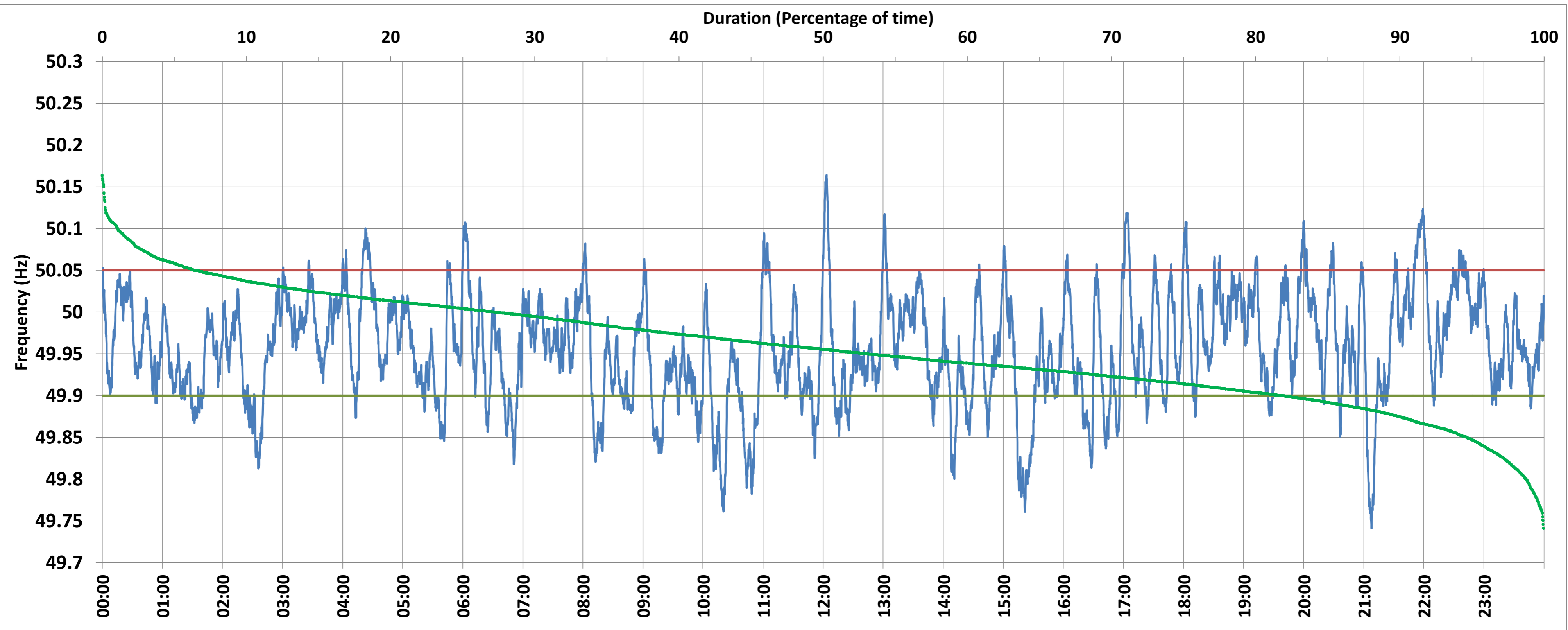


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 10-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	18.30	58.11	1.24	17.06	54.55	26.08	1.08	75.32	100.00	29.49	5.31	27.07	12.40	6.38	0.00

Average Frequency :	49.956	Frequency Variation Index :	0.061	Standard Deviation :	0.065
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		83
Max	50.164	12:03:20	Max	50.061	22:00:00	No. of excursions below 49.97 Hz		133
Min	49.741	21:07:40	Min	49.807	15:30:00	No. of excursions above 50.00 Hz		123
						No. of excursions below 50.00 Hz		122

Average time freq remains below 49.97 per excursion	0:06:18	Average time frequency remains above 50.03 per excursion	0:02:09
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