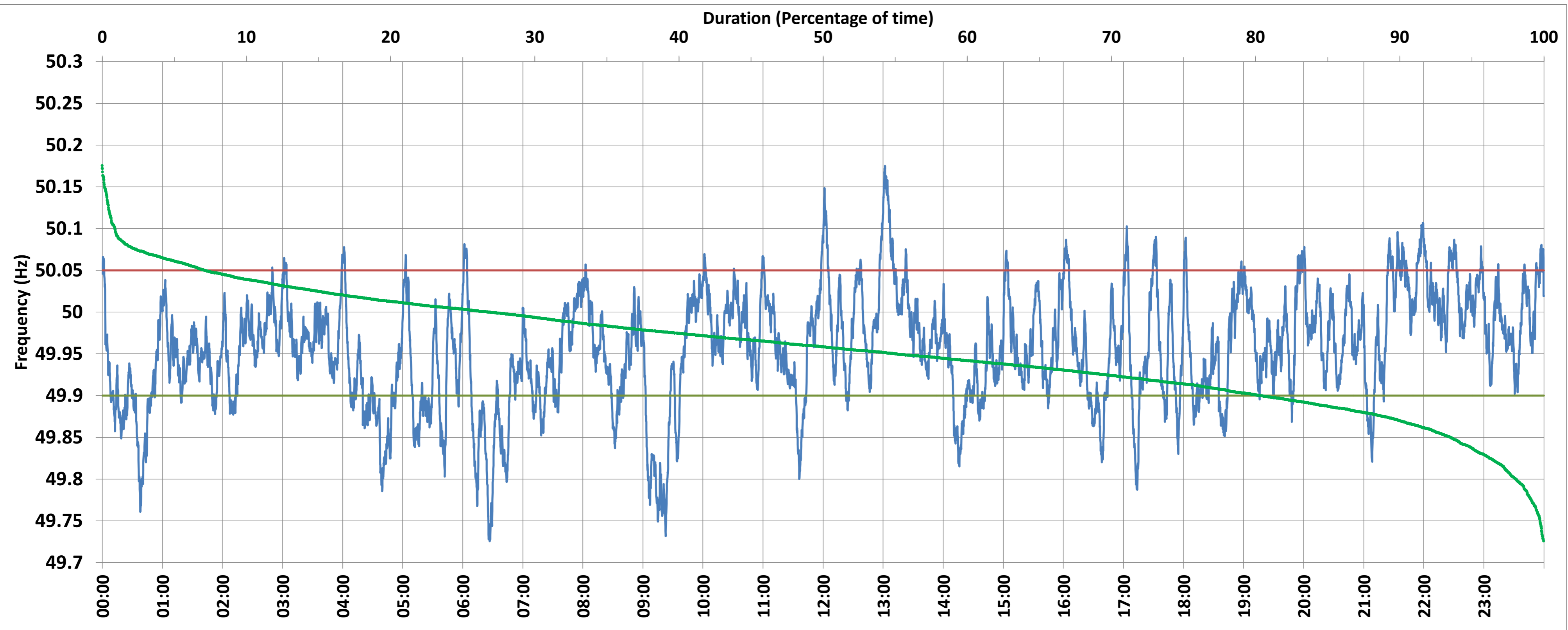


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 3-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	19.73	57.38	1.94	17.79	53.53	25.84	0.89	73.18	100.00	29.63	6.19	26.71	12.99	7.08	0.00

Average Frequency :	49.956	Frequency Variation Index :	0.065	Standard Deviation :	0.067
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		88
Max	50.175	13:01:50	Max	50.092	13:15:00	No. of excursions below 49.97 Hz		145
Min	49.726	6:27:00	Min	49.816	9:30:00	No. of excursions above 50.00 Hz		125
						No. of excursions below 50.00 Hz		123

Average time freq remains below 49.97 per excursion	0:05:42	Average time frequency remains above 50.03 per excursion	0:02:07
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