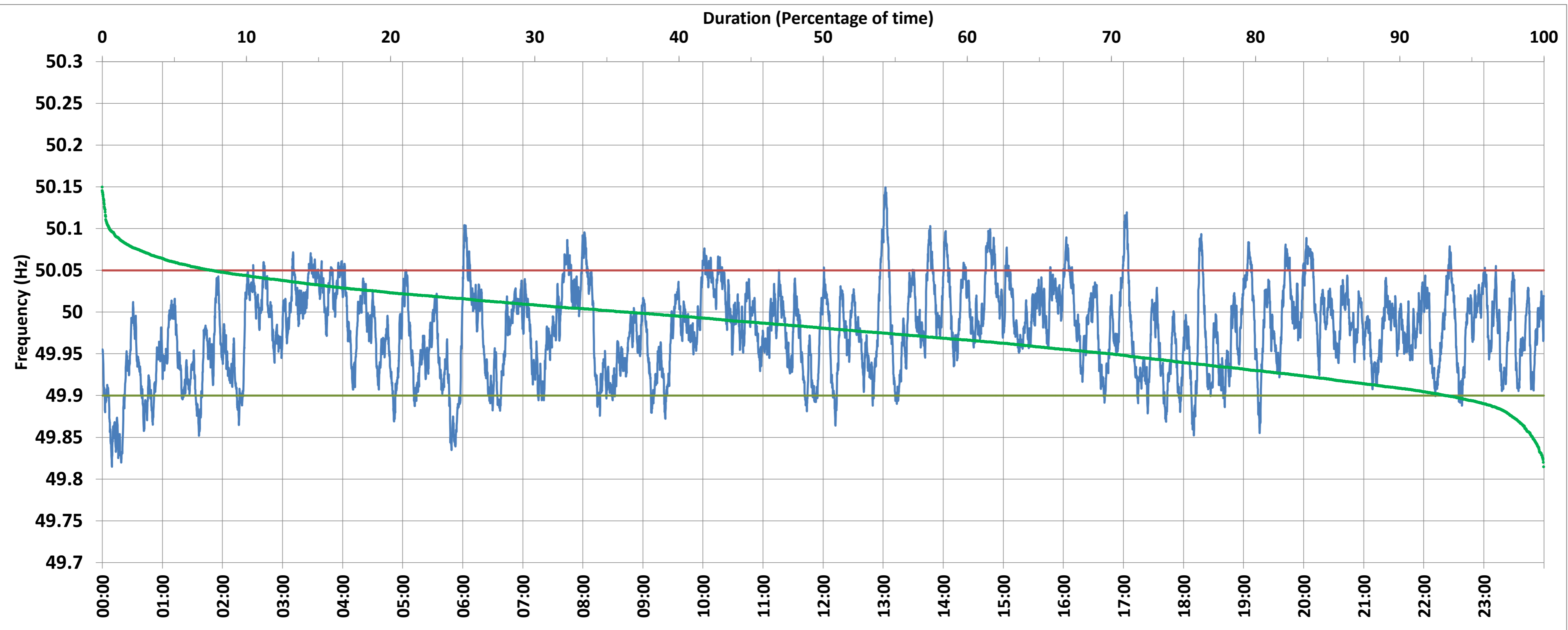


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 27-Sep-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	6.84	42.72	0.00	6.84	56.98	35.67	0.51	85.63	100.00	41.25	7.08	36.06	16.03	7.53	0.00

Average Frequency :	49.978	Frequency Variation Index :	0.032	Standard Deviation :	0.052
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		114
Max	50.150	13:02:10	Max	50.045	10:15:00	No. of excursions below 49.97 Hz		161
Min	49.815	0:09:30	Min	49.878	0:15:00	No. of excursions above 50.00 Hz		181
						No. of excursions below 50.00 Hz		180

Average time freq remains below 49.97 per excursion	0:03:49	Average time frequency remains above 50.03 per excursion	0:02:01
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