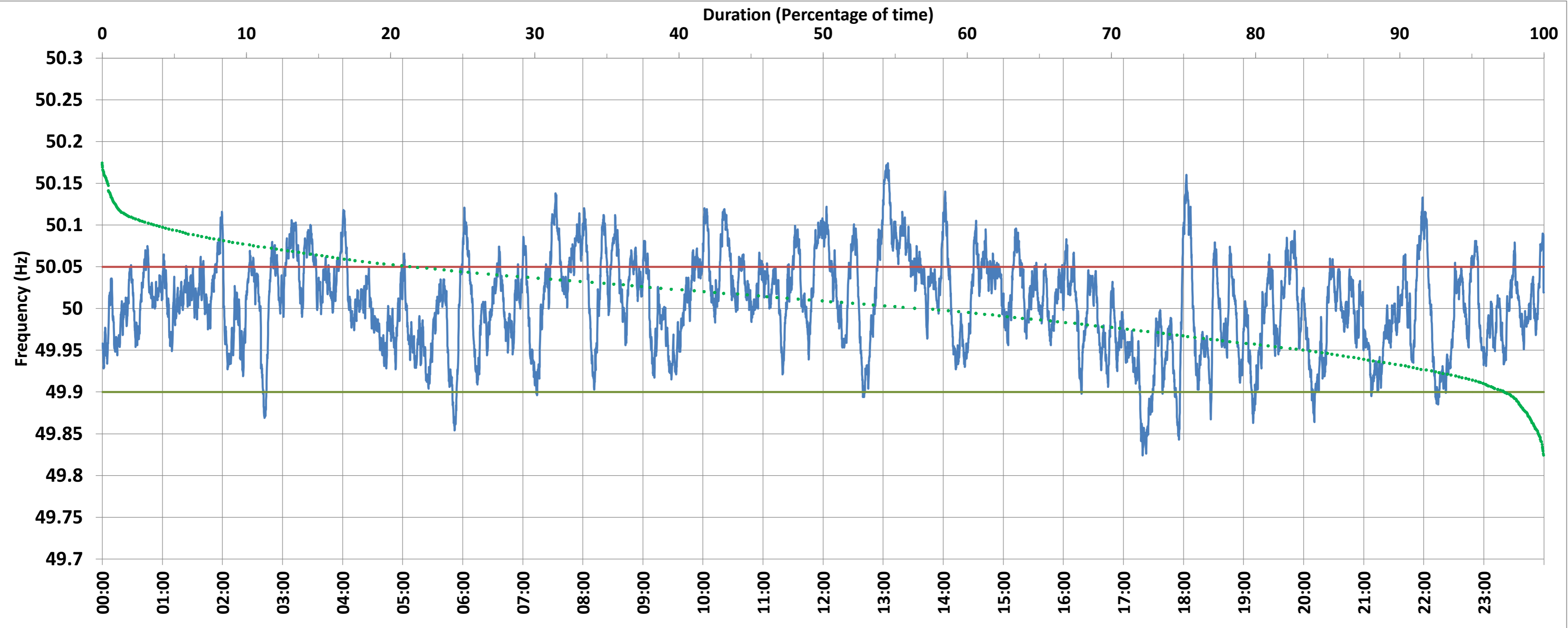


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 19-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	2.66	25.95	0.00	2.66	39.71	53.84	3.78	75.98	100.00	39.22	18.30	56.37	34.83	21.35	0.00

Average Frequency :		50.006	Frequency Variation Index :		0.031	Standard Deviation :		0.055	
Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz			140
Max	50.174	13:04:50	Max	50.119	13:15:00	No. of excursions below 49.97 Hz			104
Min	49.824	17:19:10	Min	49.870	17:30:00	No. of excursions above 50.00 Hz			106
						No. of excursions below 50.00 Hz			104
Average time freq remains below 49.97 per excursion		0:03:36	Average time frequency remains above 50.03 per excursion		0:03:35				