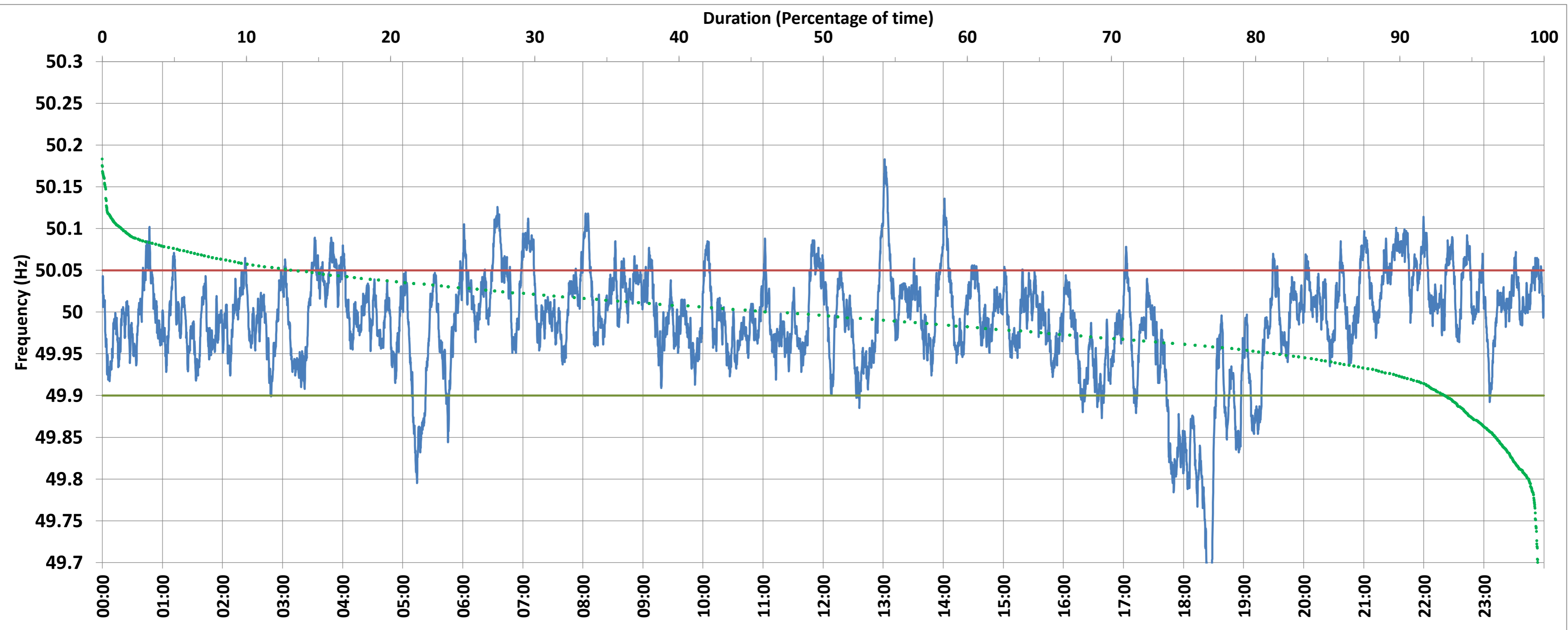


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 23-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
0.39	6.79	30.72	0.64	5.76	45.66	46.18	1.37	80.13	99.61	45.27	12.28	46.00	24.02	13.08	0.00

Average Frequency :	49.990	Frequency Variation Index :	0.039	Standard Deviation :	0.062
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		136
Max	50.183	13:01:20	Max	50.081	21:45:00	No. of excursions below 49.97 Hz		157
Min	49.616	18:26:50	Min	49.733	18:30:00	No. of excursions above 50.00 Hz		125
						No. of excursions below 50.00 Hz		122

Average time freq remains below 49.97 per excursion	0:02:49	Average time frequency remains above 50.03 per excursion	0:02:33
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