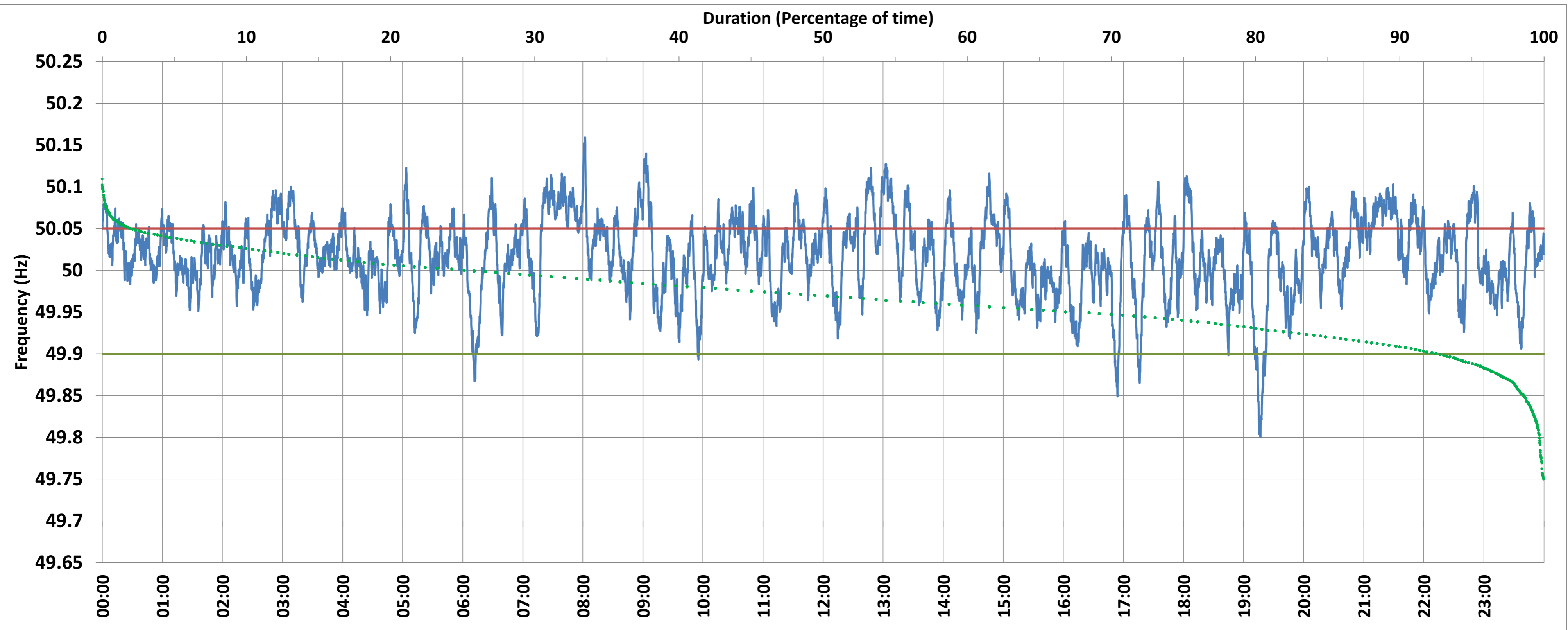


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 11-Aug-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	1.37	14.53	0.00	1.37	30.16	66.33	2.14	73.53	100.00	44.88	23.89	66.83	40.59	25.10	0.00

Average Frequency :	50.018	Frequency Variation Index :	0.025	Standard Deviation :	0.047
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		159
Max	50.159	8:02:10	Max	50.084	13:15:00	No. of excursions below 49.97 Hz		102
Min	49.800	19:16:50	Min	49.929	19:30:00	No. of excursions above 50.00 Hz		123
						No. of excursions below 50.00 Hz		120

Average time freq remains below 49.97 per excursion	0:02:03	Average time frequency remains above 50.03 per excursion	0:03:41
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