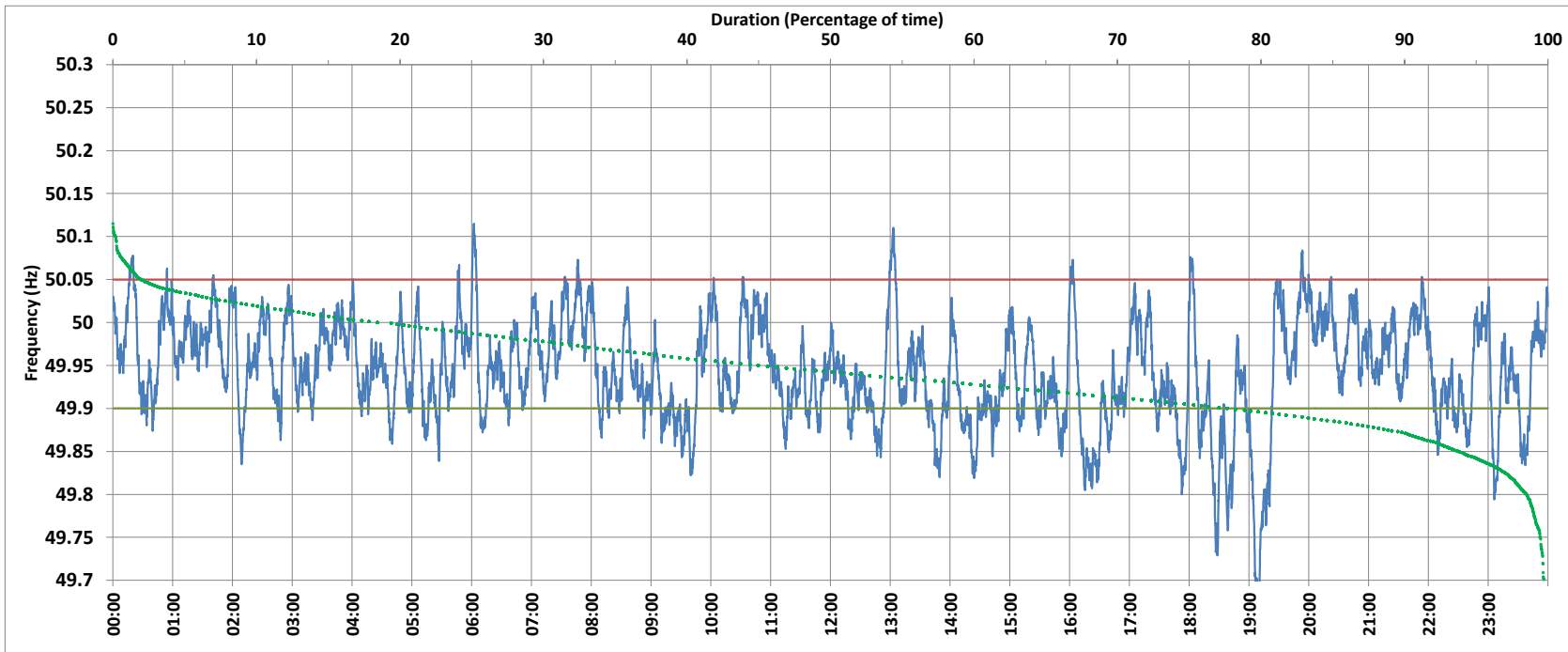


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 4-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
0.28	21.79	65.80	1.18	20.34	58.83	19.17	0.21	76.26	99.72	27.99	1.89	18.43	6.22	1.94	0.00

Average Frequency :	49.943	Frequency Variation Index :	0.069	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.115	6:02:10
Min	49.667	19:09:50

15 minute Average Frequency		
Max	50.024	20:00:00
Min	49.763	19:15:00

No. of excursions above 50.03 Hz	54
No. of excursions below 49.97 Hz	102
No. of excursions above 50.00 Hz	86
No. of excursions below 50.00 Hz	71

Average time freq remains below 49.97 per excursion	0:09:17	Average time frequency remains above 50.03 per excursion	0:01:39
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