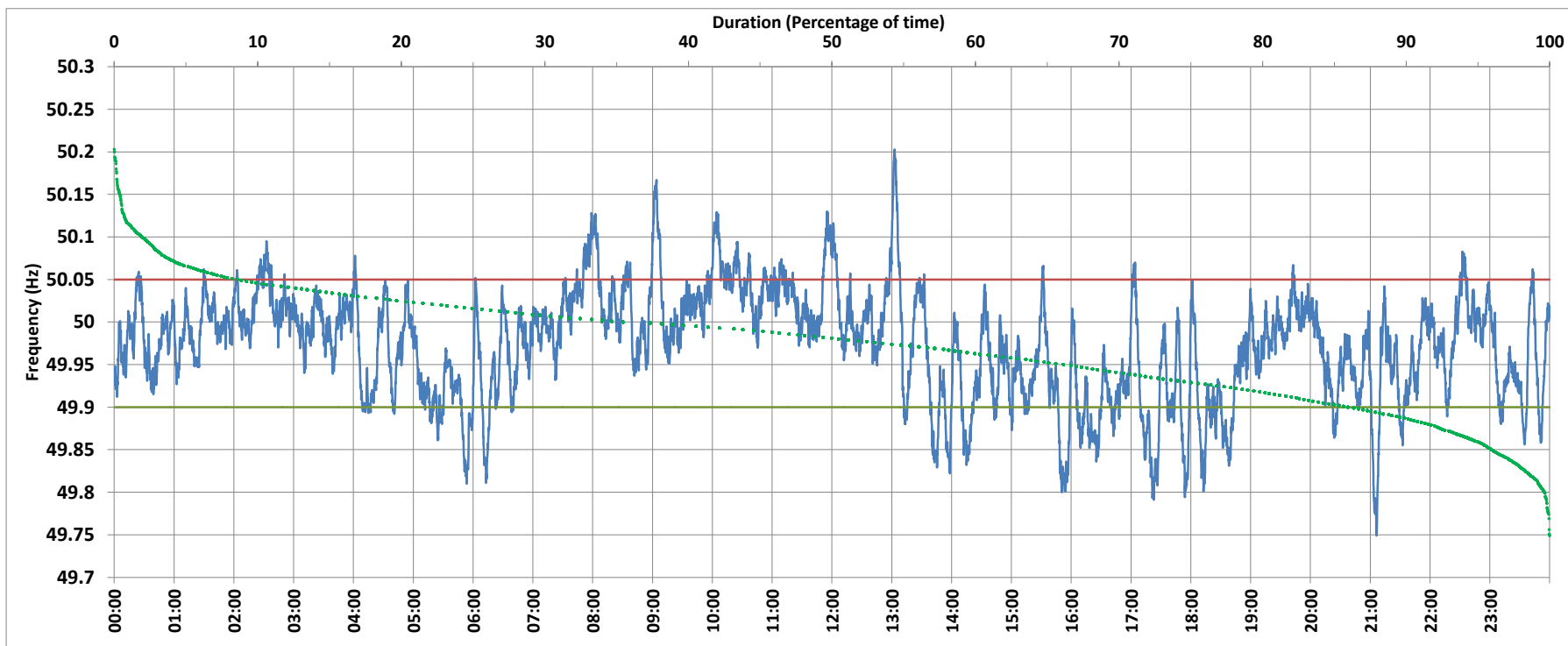


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 10/Oct/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	13.66	42.85	0.34	13.32	48.99	35.36	1.96	77.77	99.97	40.17	6.94	35.43	16.98	8.58	0.03

Average Frequency :	49.973	Frequency Variation Index :	0.048	Standard Deviation :	0.064
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Instantaneous Frequency		
Max	50.203	13:02:50
Min	49.749	21:06:20

15 minute Average Frequency		
Max	50.081	10:15:00
Min	49.851	17:30:00

No. of excursions above 50.03 Hz	94
No. of excursions below 49.97 Hz	117
No. of excursions above 50.00 Hz	116
No. of excursions below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:05:16	Average time frequency remains above 50.03 per excursion	0:02:36
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