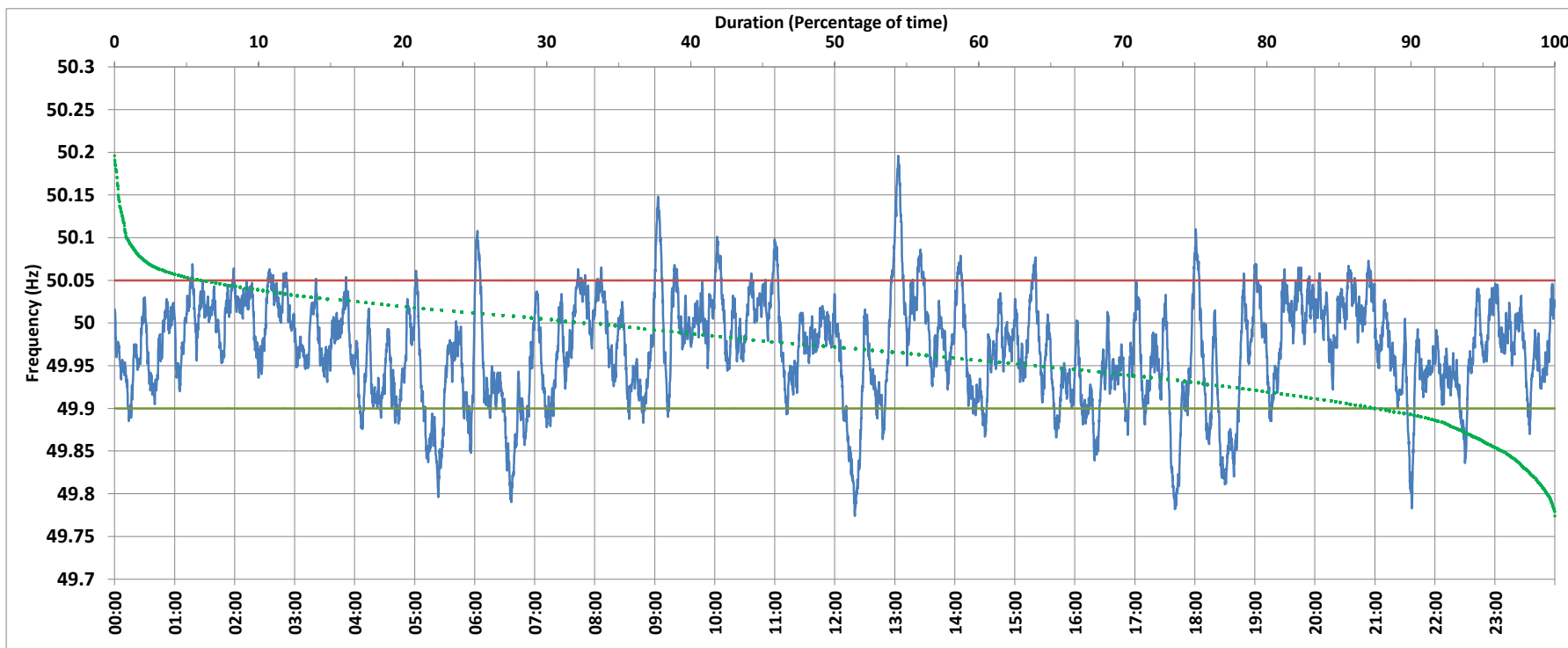


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 11/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	12.11	47.96	0.52	11.59	54.17	32.87	0.86	81.91	100.00	38.40	5.54	32.57	13.63	5.98	0.00

Average Frequency :	49.969	Frequency Variation Index :	0.045	Standard Deviation :	0.060
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Instantaneous Frequency	
Max	50.196 13:03:30
Min	49.774 12:20:00

15 minute Average Frequency	
Max	50.079 13:15:00
Min	49.851 12:30:00

No. of excursions above 50.03 Hz	98
No. of excursions below 49.97 Hz	122
No. of excursions above 50.00 Hz	89
No. of excursions below 50.00 Hz	97

Average time freq remains below 49.97 per excursion	0:05:40	Average time frequency remains above 50.03 per excursion	0:02:00
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