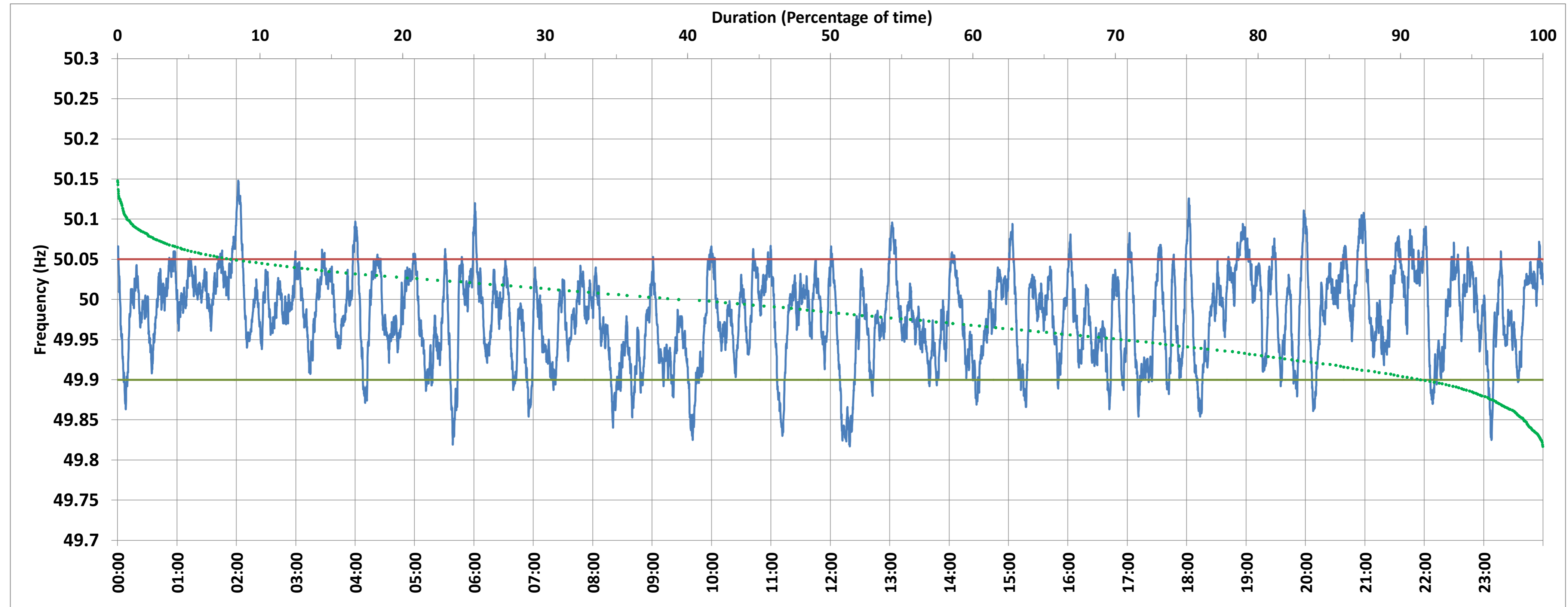


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 20-Dec-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	8.26	40.66	0.00	8.26	50.91	40.08	0.74	83.80	100.00	41.17	7.66	39.35	18.17	7.94	0.00

Average Frequency :	49.980	Frequency Variation Index :	0.034	Standard Deviation :	0.055
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Instantaneous Frequency		
Max	50.148	2:01:40
Min	49.817	12:19:40

15 minute Average Frequency		
Max	50.054	19:00:00
Min	49.887	12:30:00

No. of excursions above 50.03 Hz	130
No. of excursions below 49.97 Hz	113
No. of excursions above 50.00 Hz	114
No. of excursions below 50.00 Hz	105

Average time freq remains below 49.97 per excursion	0:05:11	Average time frequency remains above 50.03 per excursion	0:02:01
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