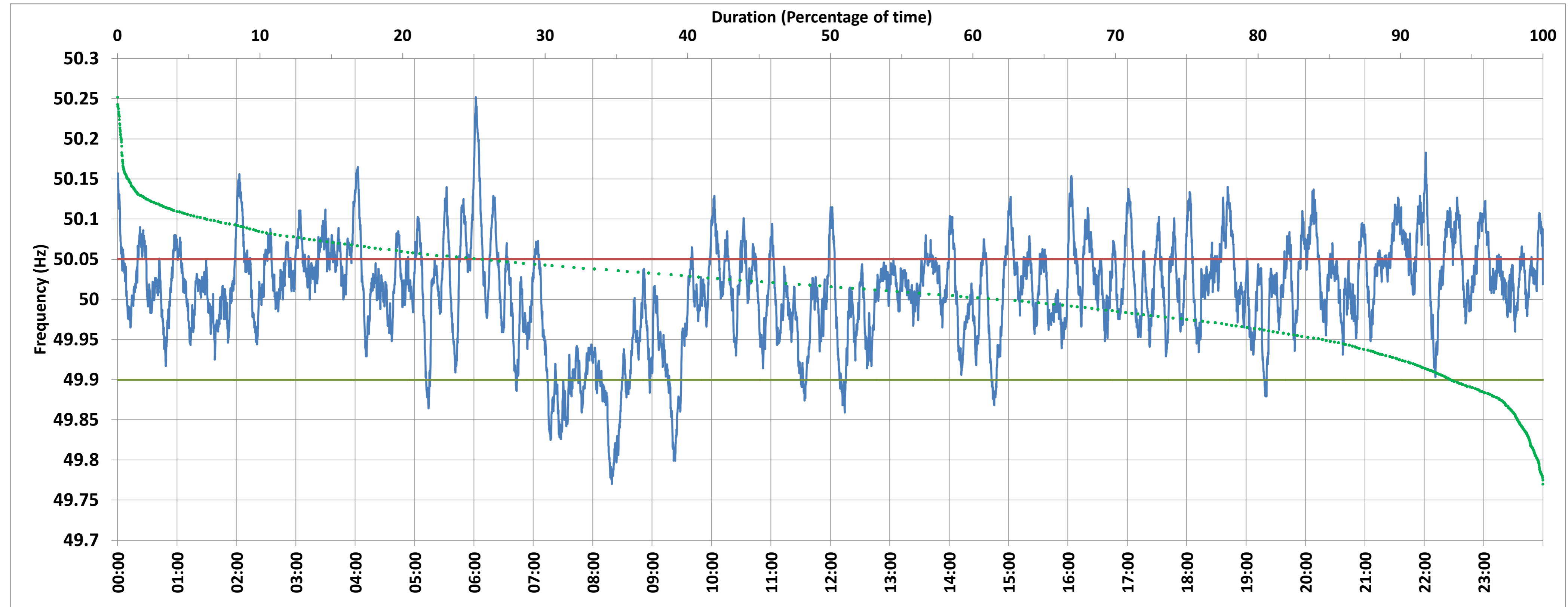


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 17-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	6.39	22.22	0.35	6.04	30.66	56.41	6.27	68.02	99.73	38.22	19.97	61.71	39.56	25.59	0.27

Average Frequency :	50.011	Frequency Variation Index :	0.042	Standard Deviation :	0.064
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Instantaneous Frequency		
Max	50.252	6:02:00
Min	49.770	8:19:20

15 minute Average Frequency		
Max	50.104	6:15:00
Min	49.818	8:30:00

No. of excursions above 50.03 Hz	146
No. of excursions below 49.97 Hz	90
No. of excursions above 50.00 Hz	111
No. of excursions below 50.00 Hz	111

Average time freq remains below 49.97 per excursion	0:03:33	Average time frequency remains above 50.03 per excursion	0:03:54
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