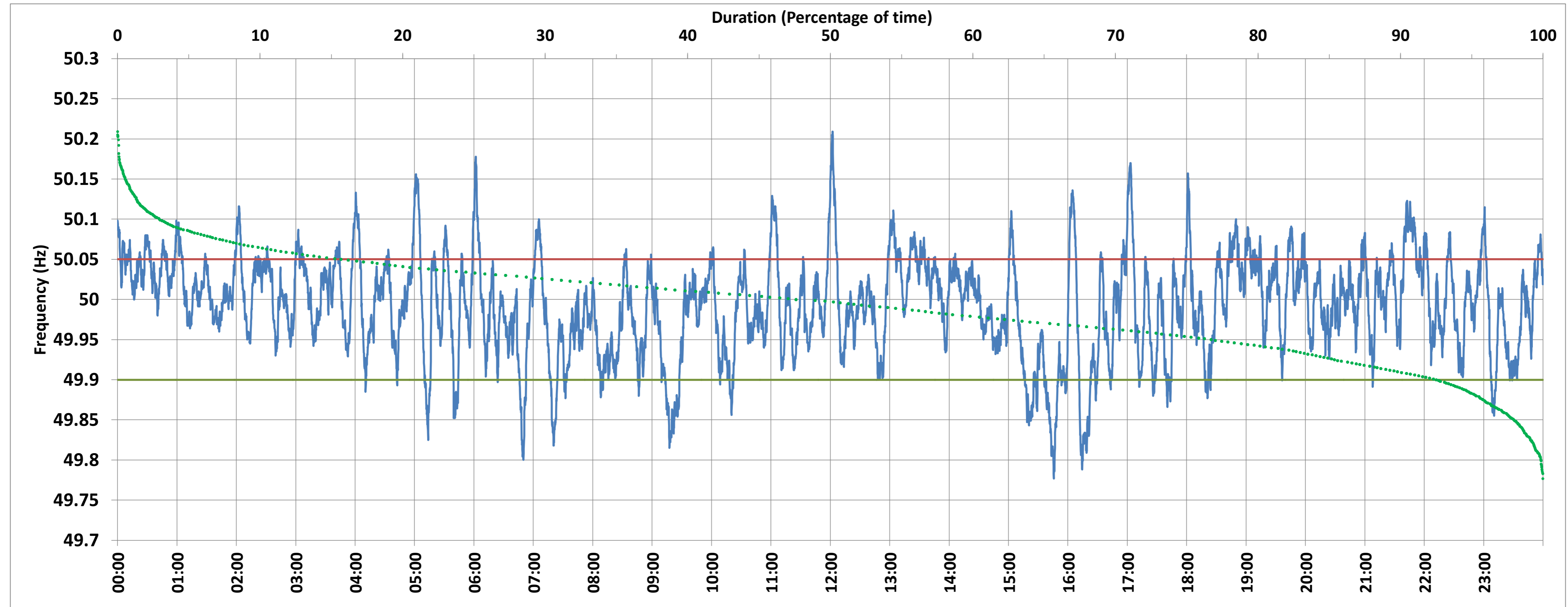


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 8-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	7.33	34.02	0.14	7.19	43.75	45.93	2.93	77.00	99.93	38.75	13.26	47.59	27.23	15.67	0.07

Average Frequency :	49.992	Frequency Variation Index :	0.039	Standard Deviation :	0.062
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Instantaneous Frequency		
Max	50.209	12:02:20
Min	49.777	15:45:40

15 minute Average Frequency		
Max	50.062	22:00:00
Min	49.866	9:30:00

No. of excursions above 50.03 Hz	144
No. of excursions below 49.97 Hz	143
No. of excursions above 50.00 Hz	105
No. of excursions below 50.00 Hz	103

Average time freq remains below 49.97 per excursion	0:03:26	Average time frequency remains above 50.03 per excursion	0:02:43
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