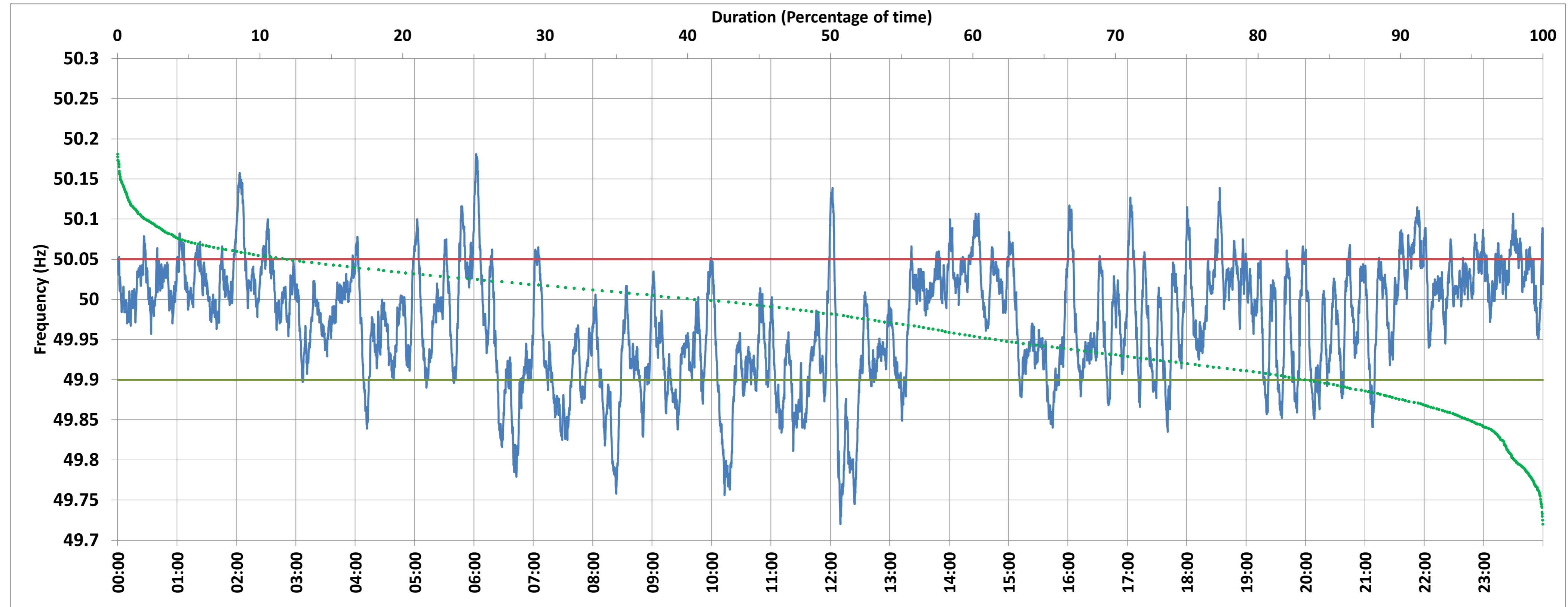


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 10-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	16.33	44.92	1.93	14.40	42.05	39.56	2.06	71.79	100.00	33.15	10.31	40.46	21.93	11.88	0.00

Average Frequency :	49.972	Frequency Variation Index :	0.060	Standard Deviation :	0.072
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Instantaneous Frequency		
Max	50.181	6:02:10
Min	49.720	12:10:10

15 minute Average Frequency		
Max	50.080	2:15:00
Min	49.816	12:30:00

No. of excursions above 50.03 Hz	112
No. of excursions below 49.97 Hz	86
No. of excursions above 50.00 Hz	97
No. of excursions below 50.00 Hz	95

Average time freq remains below 49.97 per excursion	0:07:31	Average time frequency remains above 50.03 per excursion	0:02:49
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