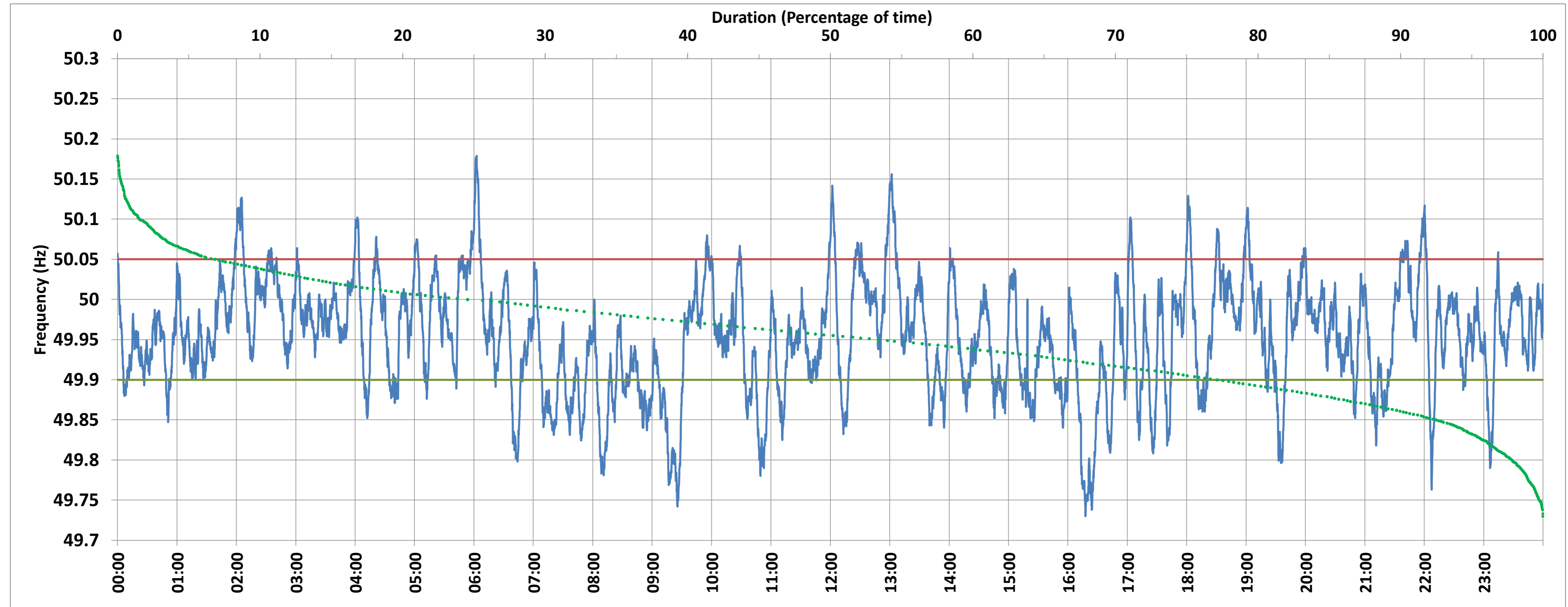


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 23-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	22.47	58.17	2.15	20.31	51.94	23.97	1.62	70.71	100.00	29.55	5.57	24.56	12.28	6.83	0.00

Average Frequency :	49.952	Frequency Variation Index :	0.072	Standard Deviation :	0.070
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Instantaneous Frequency		
Max	50.179	6:02:40
Min	49.730	16:17:40

15 minute Average Frequency		
Max	50.048	6:00:00
Min	49.780	16:30:00

No. of excursions above 50.03 Hz	64
No. of excursions below 49.97 Hz	119
No. of excursions above 50.00 Hz	100
No. of excursions below 50.00 Hz	94

Average time freq remains below 49.97 per excursion	0:07:02	Average time frequency remains above 50.03 per excursion	0:02:46
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