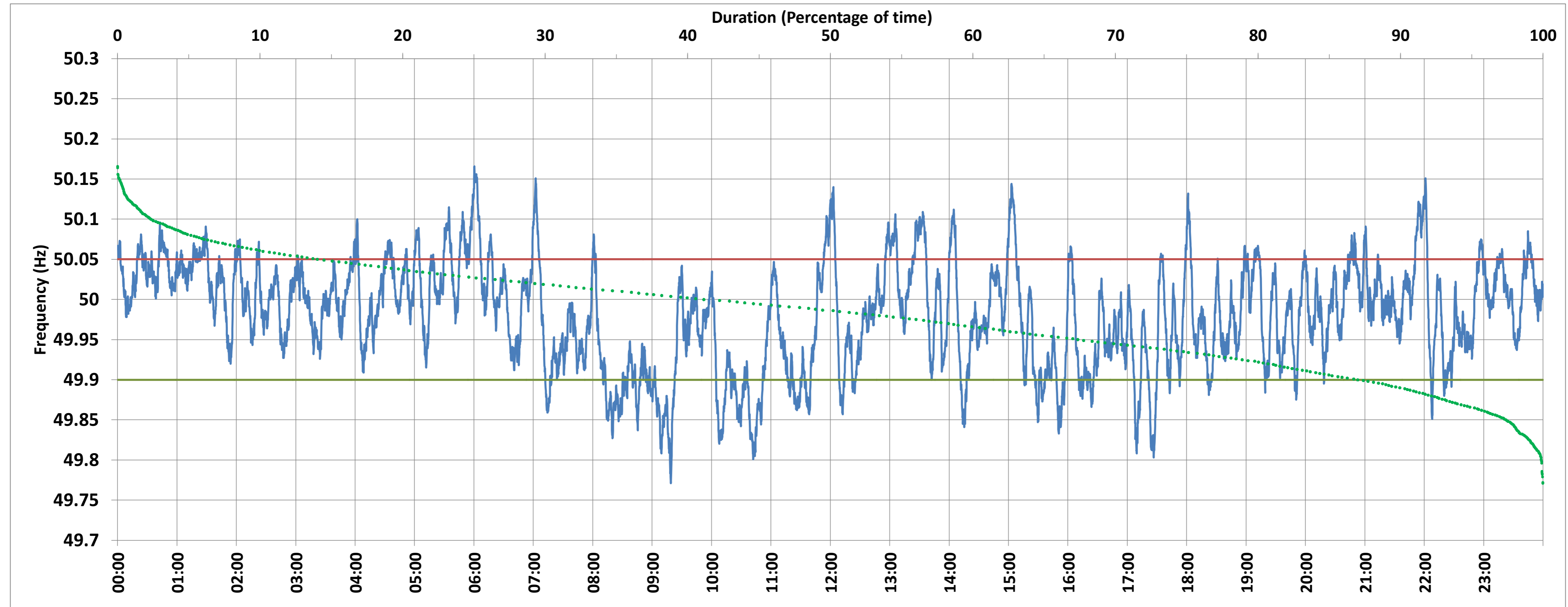


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 30-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	12.62	41.35	0.12	12.50	45.15	39.78	2.45	73.37	100.00	35.12	12.14	41.12	23.53	14.02	0.00

Average Frequency :	49.981	Frequency Variation Index :	0.047	Standard Deviation :	0.066
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Instantaneous Frequency		
Max	50.166	6:00:30
Min	49.771	9:19:00

15 minute Average Frequency		
Max	50.080	6:00:00
Min	49.860	10:45:00

No. of excursions above 50.03 Hz	105
No. of excursions below 49.97 Hz	92
No. of excursions above 50.00 Hz	89
No. of excursions below 50.00 Hz	91

Average time freq remains below 49.97 per excursion	0:06:28	Average time frequency remains above 50.03 per excursion	0:03:14
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