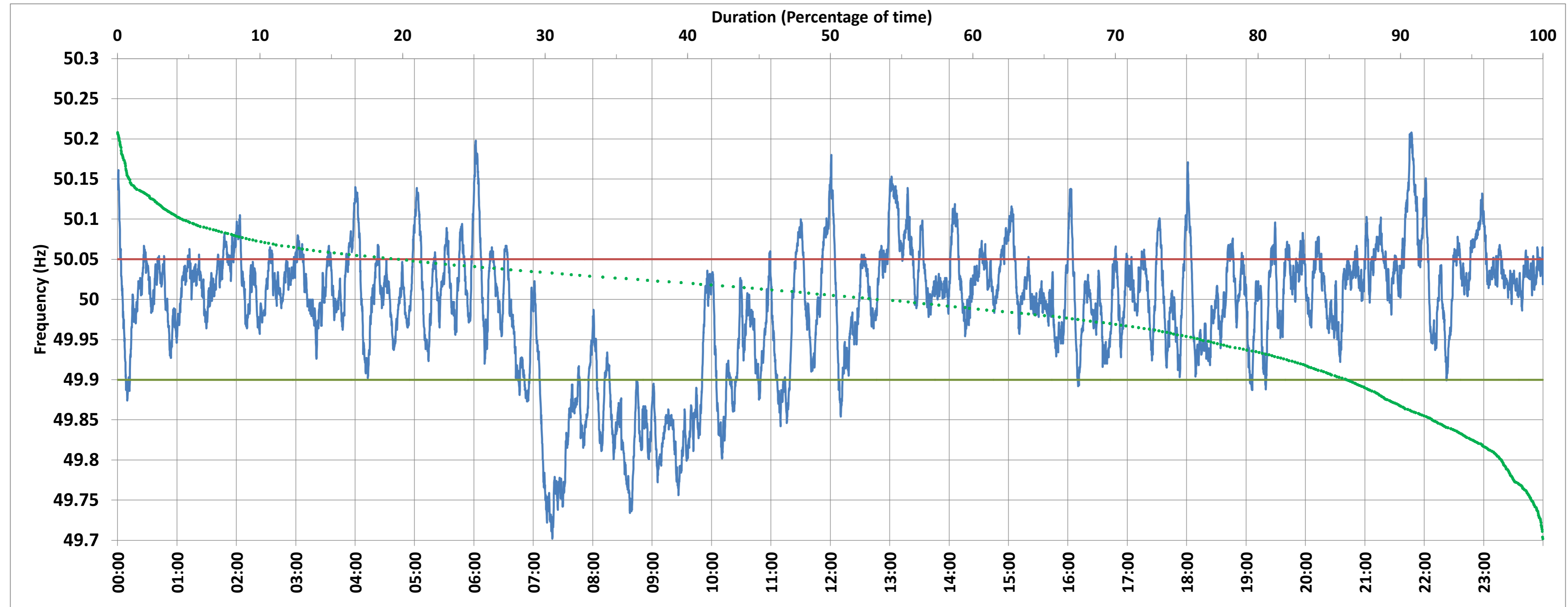


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 1-Jan-2018



<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	13.66	29.99	2.89	10.76	31.98	49.72	4.50	66.63	99.86	37.59	15.75	53.29	32.42	19.71	0.14

Average Frequency :	49.990	Frequency Variation Index :	0.066	Standard Deviation :	0.081
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Instantaneous Frequency		
Max	50.208	21:47:00
Min	49.702	7:19:00

15 minute Average Frequency		
Max	50.122	22:00:00
Min	49.750	7:30:00

No. of excursions above 50.03 Hz	144
No. of excursions below 49.97 Hz	94
No. of excursions above 50.00 Hz	90
No. of excursions below 50.00 Hz	93

Average time freq remains below 49.97 per excursion	0:04:36	Average time frequency remains above 50.03 per excursion	0:03:15
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