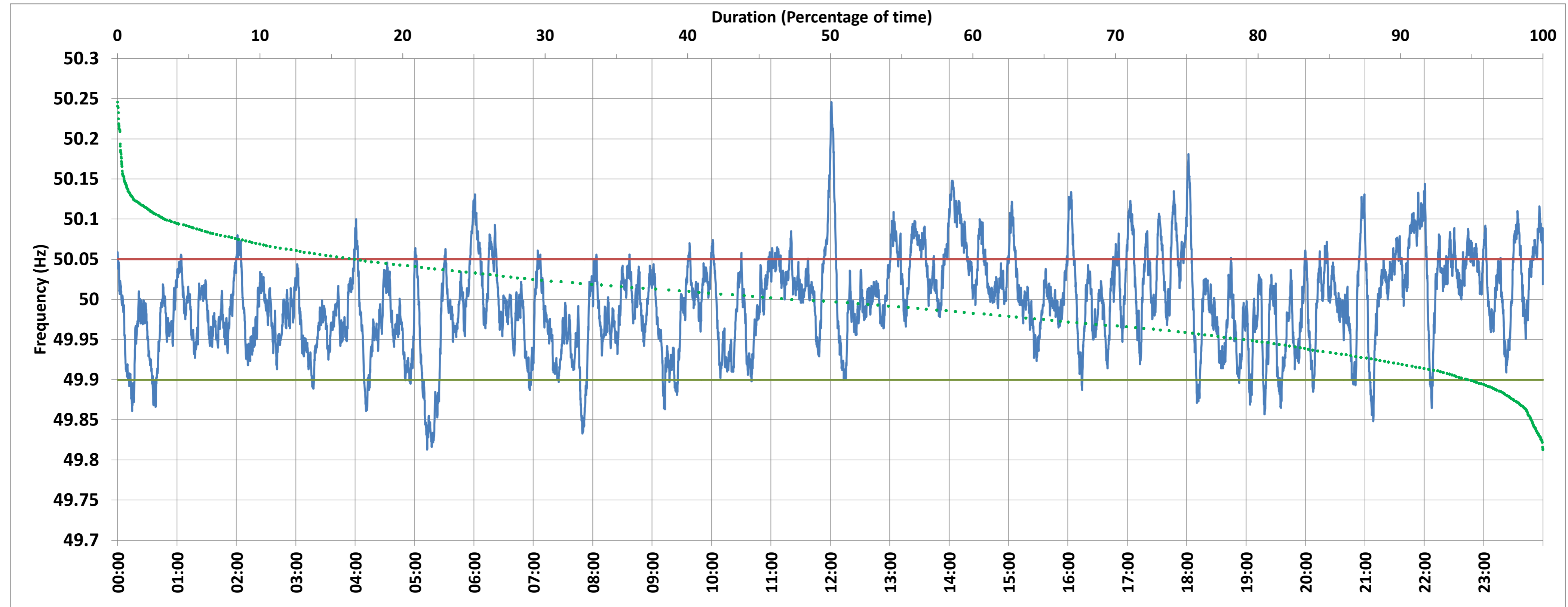


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 14-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	5.02	31.37	0.00	5.02	46.18	45.36	3.25	78.34	99.81	42.04	13.73	47.28	26.60	16.63	0.19

Average Frequency :	49.996	Frequency Variation Index :	0.034	Standard Deviation :	0.058	Mileage	393.96
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Instantaneous Frequency		
Max	50.246	12:01:10
Min	49.813	5:12:40

15 minute Average Frequency		
Max	50.111	14:15:00
Min	49.896	5:30:00

No. of excursions above 50.03 Hz	116
No. of excursions below 49.97 Hz	124
No. of excursions above 50.00 Hz	120
No. of excursions below 50.00 Hz	122

Average time freq remains below 49.97 per excursion	0:03:39	Average time frequency remains above 50.03 per excursion	0:03:18
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