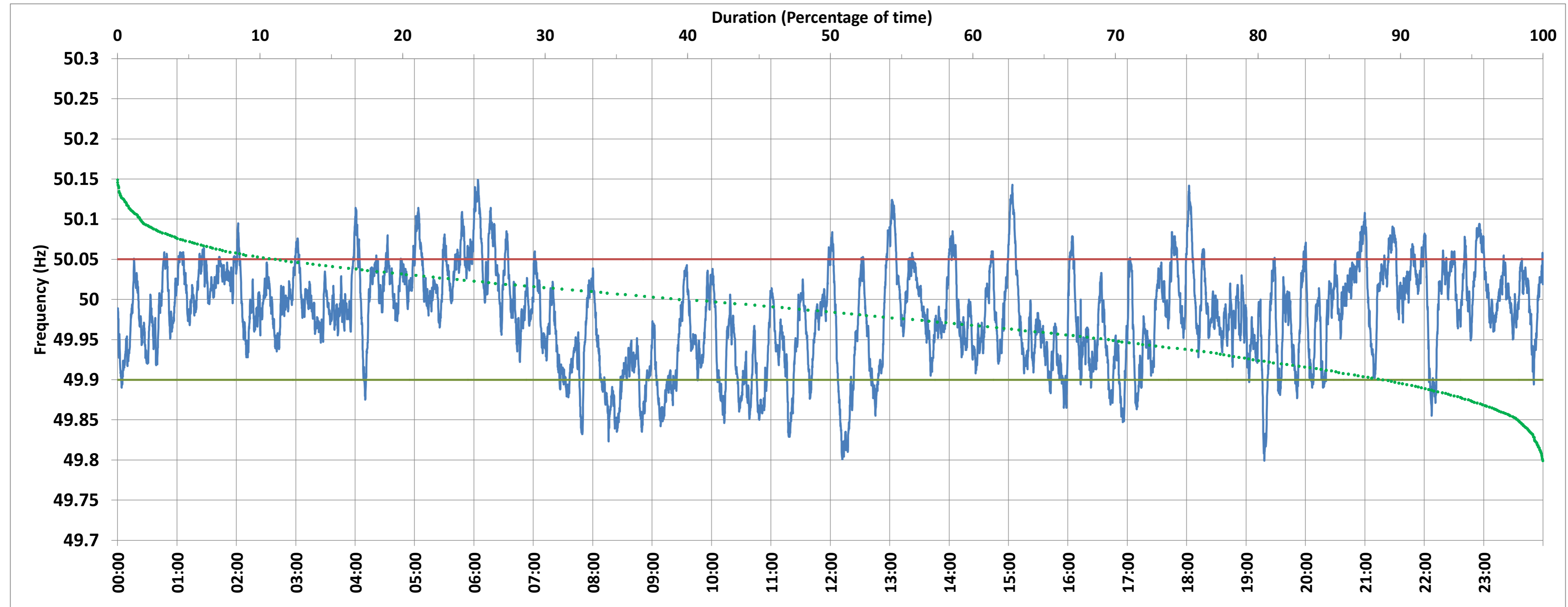


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 13-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	10.87	40.76	0.01	10.86	48.50	39.00	1.63	78.07	100.00	38.30	9.83	39.41	20.94	11.06	0.00

Average Frequency :	49.980	Frequency Variation Index :	0.041	Standard Deviation :	0.061	Mileage	436.00
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Instantaneous Frequency		
Max	50.149	6:04:00
Min	49.799	19:18:30

15 minute Average Frequency		
Max	50.074	6:15:00
Min	49.864	8:30:00

No. of excursions above 50.03 Hz	102
No. of excursions below 49.97 Hz	113
No. of excursions above 50.00 Hz	108
No. of excursions below 50.00 Hz	85

Average time freq remains below 49.97 per excursion	0:05:12	Average time frequency remains above 50.03 per excursion	0:02:57
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