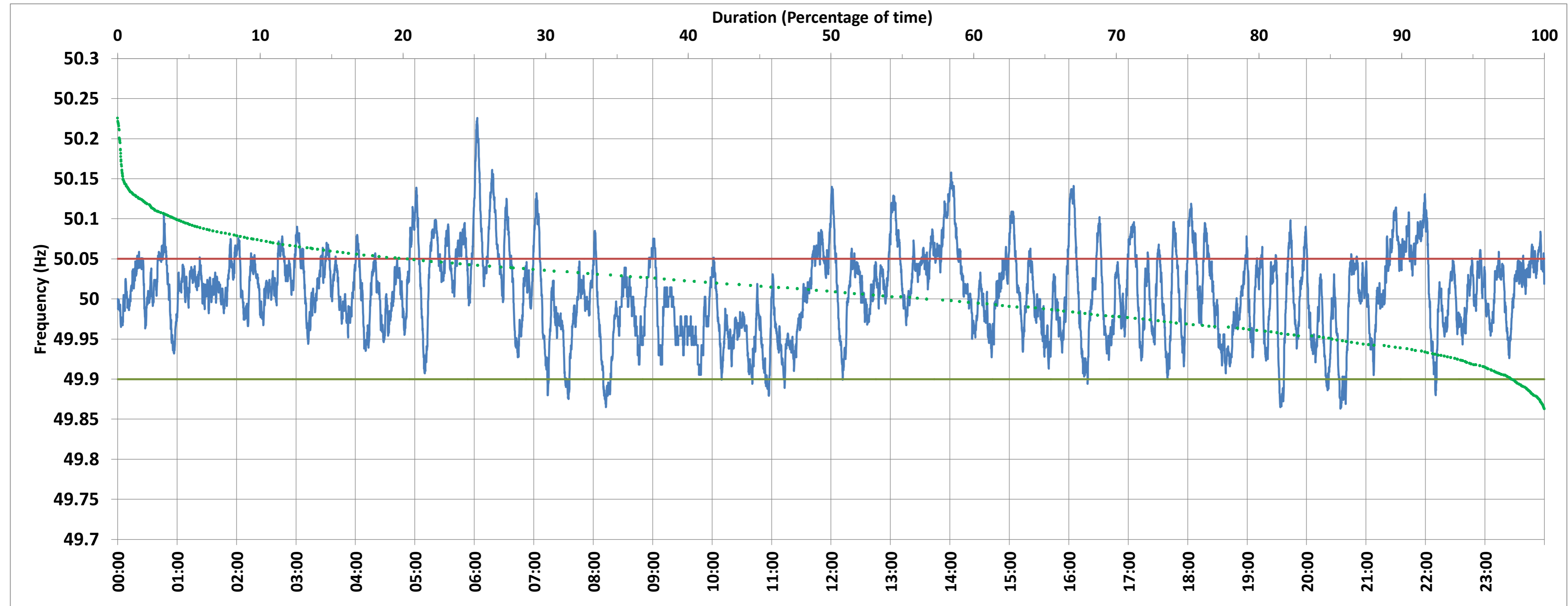


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 21-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	2.19	25.10	0.00	2.19	40.00	53.65	4.03	77.51	99.86	40.35	16.72	56.69	34.55	20.30	0.14

Average Frequency :	50.008	Frequency Variation Index :	0.029	Standard Deviation :	0.053	Positive Mileage(Above>50)	220.78
						Negative Mileage(Below<50)	153.70

Instantaneous Frequency		
Max	50.226	6:02:50
Min	49.863	20:34:10

15 minute Average Frequency		
Max	50.106	6:15:00
Min	49.929	20:45:00

No. of excursions above 50.03 Hz	141
No. of excursions below 49.97 Hz	94
No. of excursions above 50.00 Hz	111
No. of excursions below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:03:51	Average time frequency remains above 50.03 per excursion	0:03:32
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