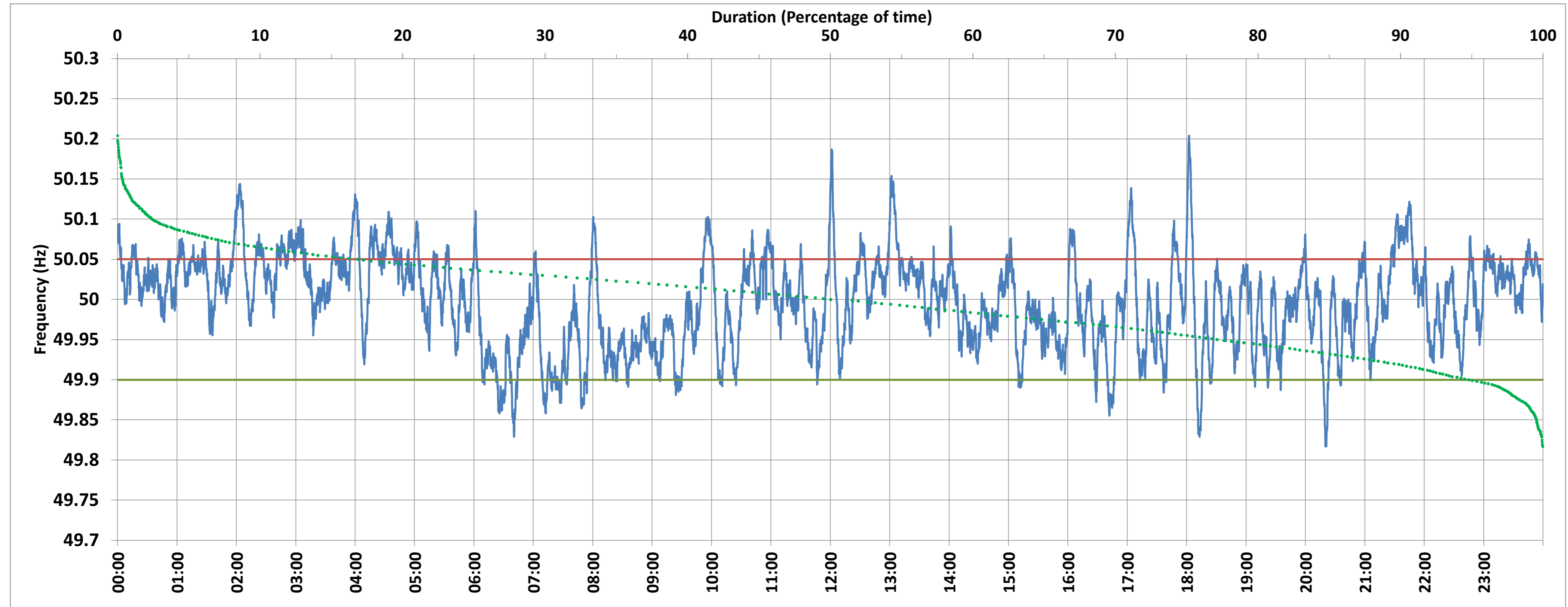


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 15-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	4.98	31.56	0.00	4.98	43.51	48.98	2.52	78.18	99.99	38.63	14.83	50.03	29.80	16.84	0.01

Average Frequency :	49.997	Frequency Variation Index :	0.033	Standard Deviation :	0.057	Mileage	400.88
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Instantaneous Frequency		
Max	50.204	18:02:10
Min	49.817	20:20:10

15 minute Average Frequency		
Max	50.088	21:45:00
Min	49.897	6:45:00

No. of excursions above 50.03 Hz	141
No. of excursions below 49.97 Hz	118
No. of excursions above 50.00 Hz	102
No. of excursions below 50.00 Hz	93

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