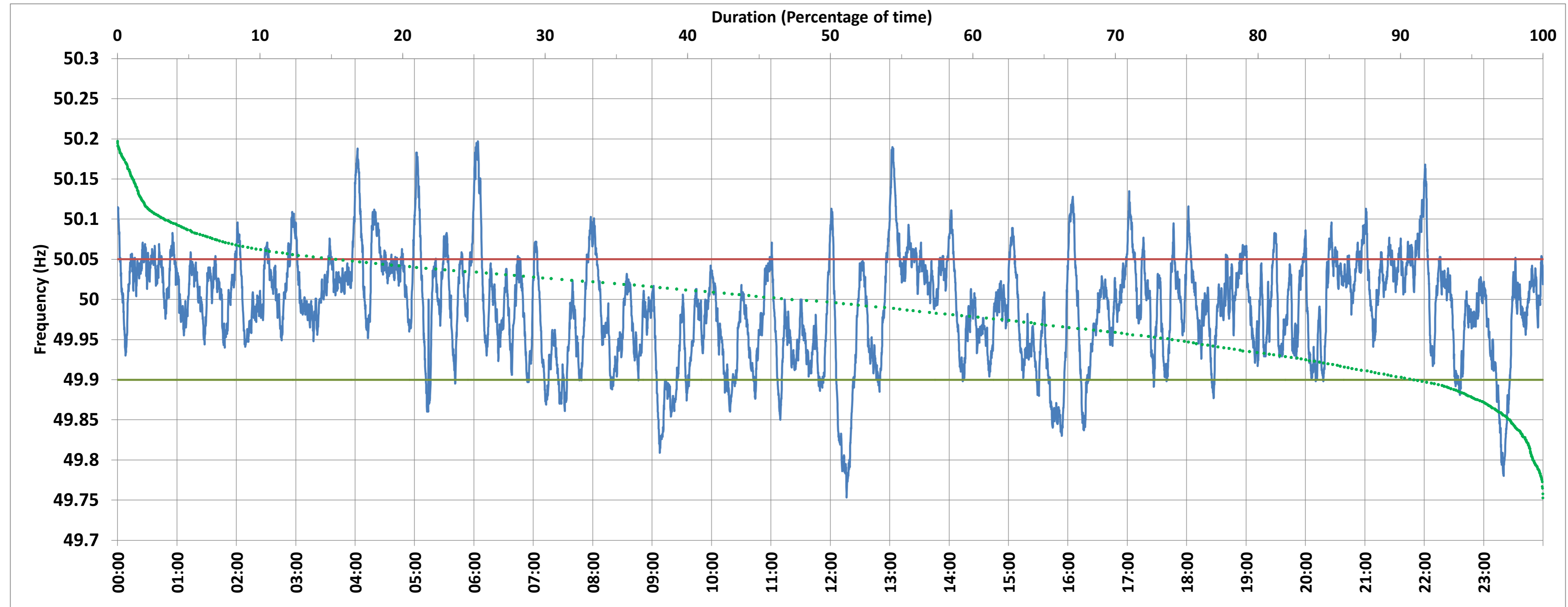


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 8-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	8.81	35.16	0.65	8.16	42.87	44.97	3.36	75.88	100.00	37.00	12.55	47.30	27.84	15.31	0.00

Average Frequency :	49.990	Frequency Variation Index :	0.044	Standard Deviation :	0.065
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Instantaneous Frequency		
Max	50.197	6:04:00
Min	49.753	12:16:30

15 minute Average Frequency		
Max	50.097	13:15:00
Min	49.865	23:30:00

No. of excursions above 50.03 Hz	134
No. of excursions below 49.97 Hz	95
No. of excursions above 50.00 Hz	102
No. of excursions below 50.00 Hz	110

Average time freq remains below 49.97 per excursion	0:05:20	Average time frequency remains above 50.03 per excursion	0:02:59
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