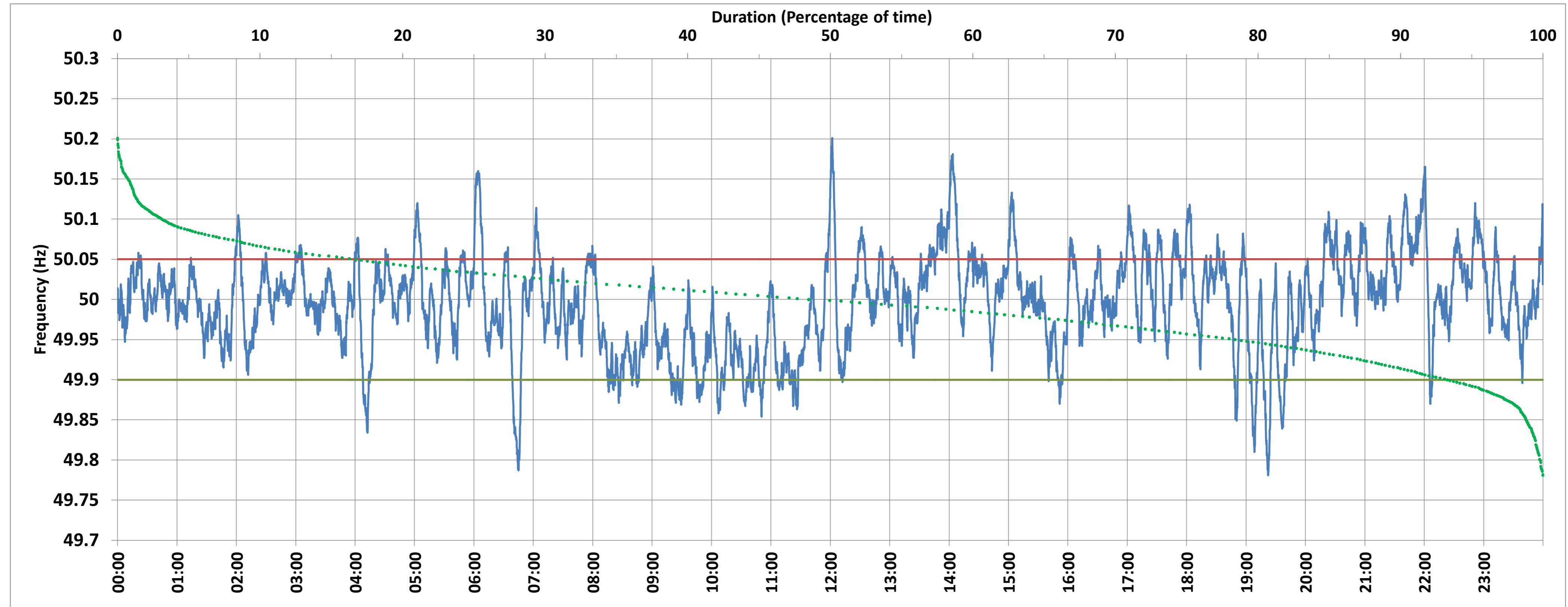


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 31-Dec-2017



<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	6.53	30.83	0.17	6.35	43.52	46.76	3.18	76.74	99.99	42.00	13.99	48.48	27.16	16.74	0.01

Average Frequency :	49.995	Frequency Variation Index :	0.036	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.201	12:01:50
Min	49.781	19:22:10

15 minute Average Frequency		
Max	50.085	22:00:00
Min	49.900	9:30:00

No. of excursions above 50.03 Hz	118
No. of excursions below 49.97 Hz	97
No. of excursions above 50.00 Hz	110
No. of excursions below 50.00 Hz	106

Average time freq remains below 49.97 per excursion	0:04:35	Average time frequency remains above 50.03 per excursion	0:03:19
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