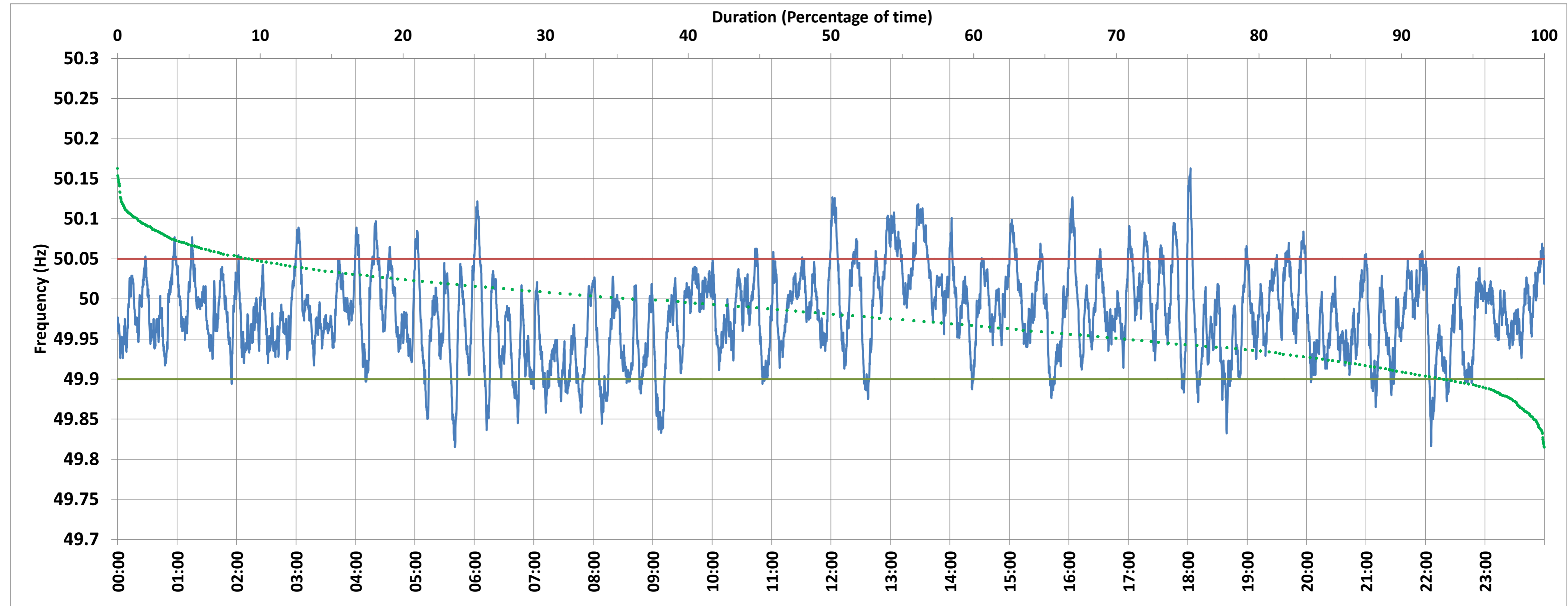


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 16-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	6.84	41.56	0.00	6.84	55.47	36.26	1.42	83.98	100.00	41.42	8.06	36.09	17.01	9.18	0.00

Average Frequency :	49.981	Frequency Variation Index :	0.032	Standard Deviation :	0.053	Positive Mileage(Above>50)	111.23
						Negative Mileage(Below<50)	279.68

Instantaneous Frequency		
Max	50.163	18:02:40
Min	49.815	5:40:20

15 minute Average Frequency		
Max	50.062	13:15:00
Min	49.890	9:15:00

No. of excursions above 50.03 Hz	92
No. of excursions below 49.97 Hz	120
No. of excursions above 50.00 Hz	123
No. of excursions below 50.00 Hz	116

Average time freq remains below 49.97 per excursion	0:04:59	Average time frequency remains above 50.03 per excursion	0:02:40
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