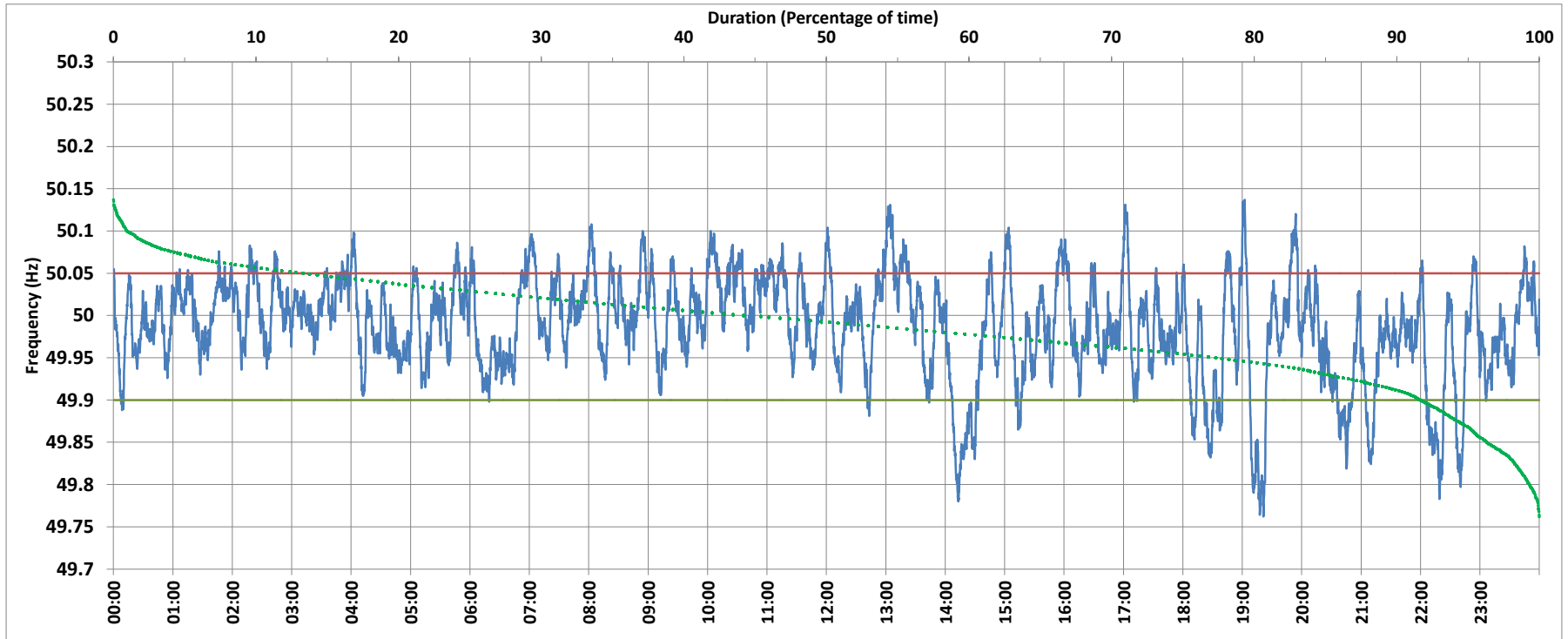


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 22/Aug/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	8.24	34.29	0.67	7.57	46.37	44.39	1.01	78.47	100.00	41.40	12.80	44.18	24.31	13.29	0.00

Average Frequency :	49.987	Frequency Variation Index :	0.038	Standard Deviation :	0.060
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Instantaneous Frequency	
Max	50.137 19:02:20
Min	49.762 19:21:20

15 minute Average Frequency	
Max	50.075 13:15:00
Min	49.855 14:30:00

No. of excursions above 50.03 Hz	125
No. of excursions below 49.97 Hz	129
No. of excursions above 50.00 Hz	125
No. of excursions below 50.00 Hz	123

Average time freq remains below 49.97 per excursion	0:03:50	Average time frequency remains above 50.03 per excursion	0:02:48
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