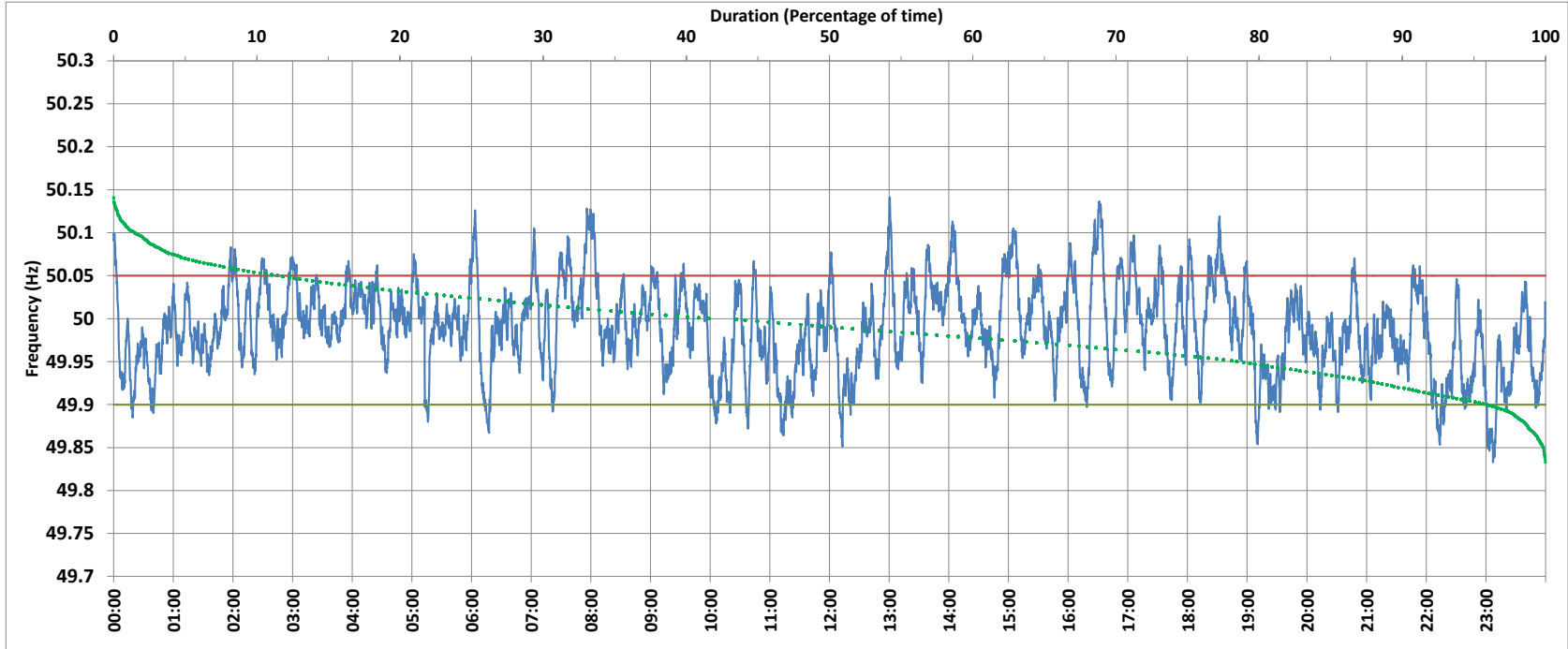


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 13-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	3.94	33.24	0.00	3.94	52.58	41.94	1.54	84.62	100.00	45.57	10.35	41.56	21.19	11.45	0.00

Average Frequency :	49.990	Frequency Variation Index :	0.027	Standard Deviation :	0.051
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Instantaneous Frequency		
Max	50.141	13:00:30
Min	49.833	23:07:10

15 minute Average Frequency		
Max	50.058	8:00:00
Min	49.891	23:15:00

No. of excursions above 50.03 Hz	104
No. of excursions below 49.97 Hz	143
No. of excursions above 50.00 Hz	115
No. of excursions below 50.00 Hz	130

Average time freq remains below 49.97 per excursion	0:03:21	Average time frequency remains above 50.03 per excursion	0:02:56
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