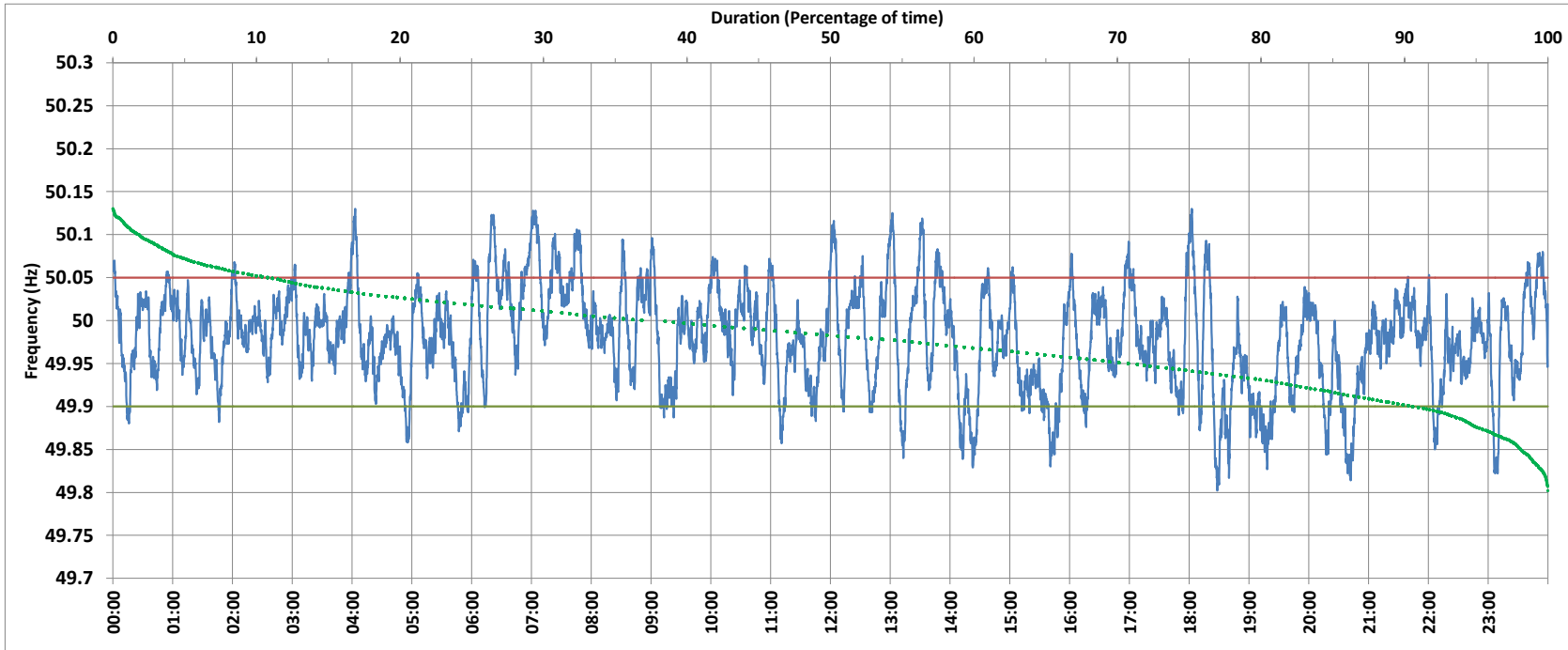


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 12-Sep-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	9.04	40.68	0.00	9.04	52.49	36.61	1.86	80.19	100.00	41.35	9.31	36.84	17.96	10.78	0.00

Average Frequency :	49.980	Frequency Variation Index :	0.038	Standard Deviation :	0.058
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Instantaneous Frequency		
Max	50.130	4:02:50
Min	49.802	18:28:10

15 minute Average Frequency		
Max	50.063	7:15:00
Min	49.868	20:45:00

No. of excursions above 50.03 Hz	87
No. of excursions below 49.97 Hz	117
No. of excursions above 50.00 Hz	104
No. of excursions below 50.00 Hz	98

Average time freq remains below 49.97 per excursion	0:05:00	Average time frequency remains above 50.03 per excursion	0:02:58
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