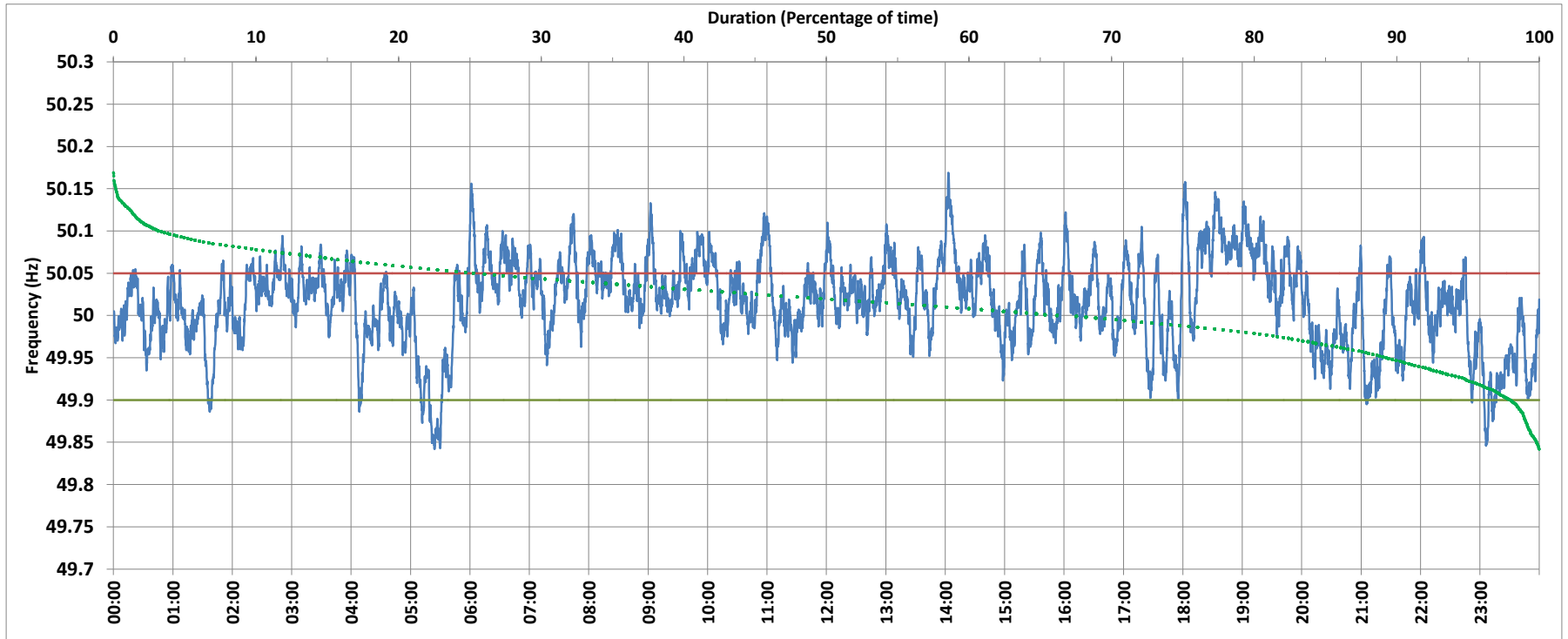


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 19/Oct/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	1.98	16.23	0.00	1.98	30.50	64.16	3.37	72.78	100.00	42.67	22.89	66.17	41.10	25.24	0.00

Average Frequency :	50.017	Frequency Variation Index :	0.029	Standard Deviation :	0.051
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Instantaneous Frequency	
Max	50.169 14:03:10
Min	49.842 5:24:10

15 minute Average Frequency	
Max	50.106 18:45:00
Min	49.880 5:30:00

No. of excursions above 50.03 Hz	167
No. of excursions below 49.97 Hz	63
No. of excursions above 50.00 Hz	117
No. of excursions below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:03:43	Average time frequency remains above 50.03 per excursion	0:03:33
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