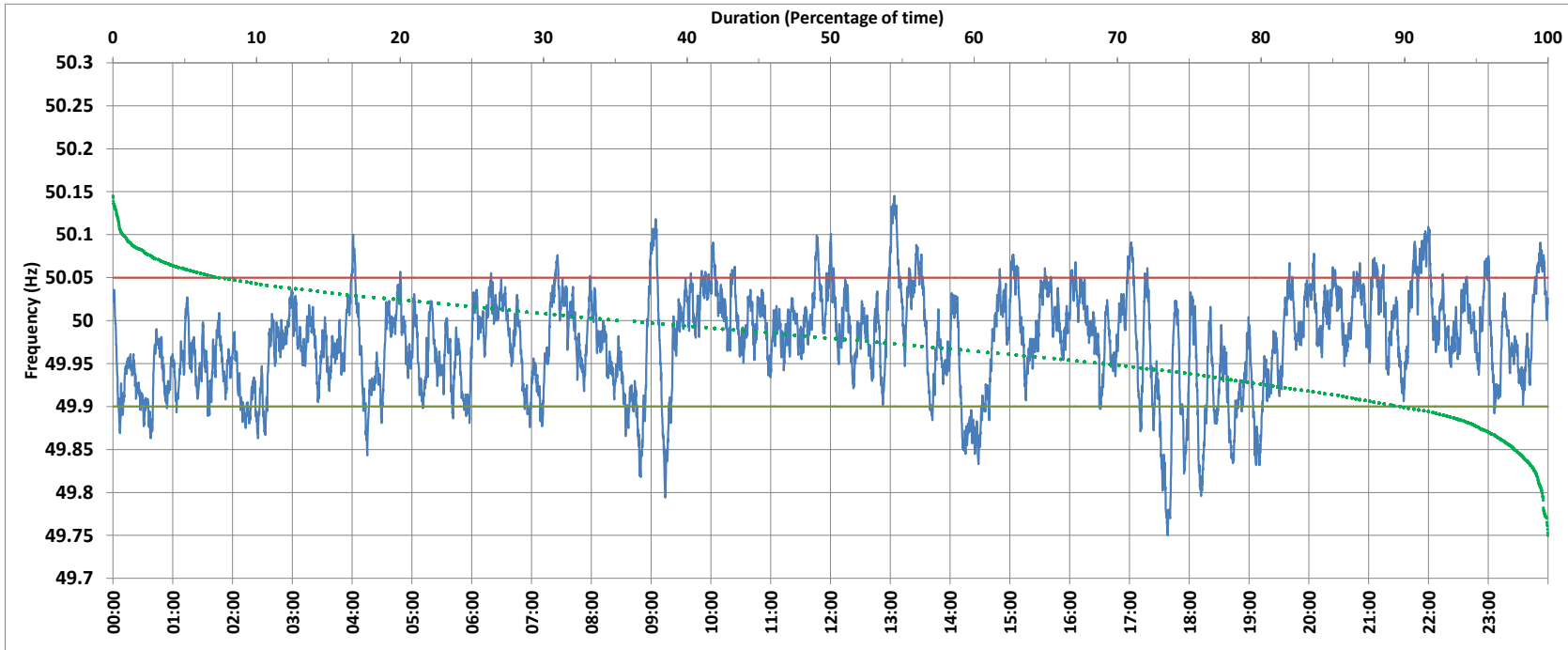


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 14-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	10.07	42.88	0.41	9.66	53.61	35.58	0.74	82.53	100.00	40.81	7.12	35.12	16.31	7.40	0.00

Average Frequency :	49.975	Frequency Variation Index :	0.039	Standard Deviation :	0.057
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Instantaneous Frequency		
Max	50.145	13:04:00
Min	49.750	17:38:10

15 minute Average Frequency		
Max	50.075	22:00:00
Min	49.838	17:45:00

No. of excursions above 50.03 Hz	121
No. of excursions below 49.97 Hz	126
No. of excursions above 50.00 Hz	109
No. of excursions below 50.00 Hz	99

Average time freq remains below 49.97 per excursion	0:04:54	Average time frequency remains above 50.03 per excursion	0:01:56
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