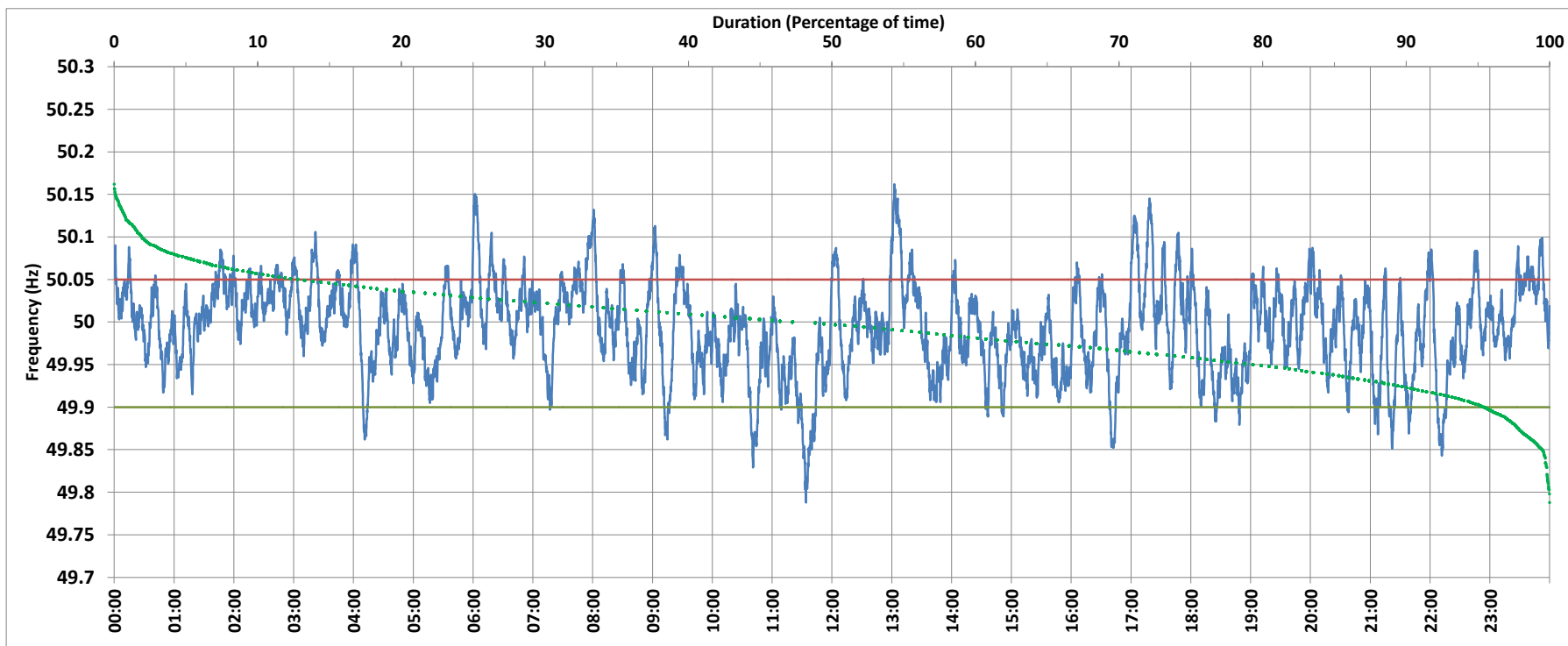


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 17/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	4.46	31.37	0.02	4.43	46.71	46.89	1.94	82.77	100.00	44.51	11.33	47.25	24.12	12.78	0.00

Average Frequency :	49.993	Frequency Variation Index :	0.029	Standard Deviation :	0.053
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Instantaneous Frequency		
Max	50.162	13:02:40
Min	49.788	11:33:50

15 minute Average Frequency		
Max	50.088	13:15:00
Min	49.858	11:45:00

No. of excursions above 50.03 Hz	130
No. of excursions below 49.97 Hz	130
No. of excursions above 50.00 Hz	113
No. of excursions below 50.00 Hz	108

Average time freq remains below 49.97 per excursion	0:03:28	Average time frequency remains above 50.03 per excursion	0:02:40
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