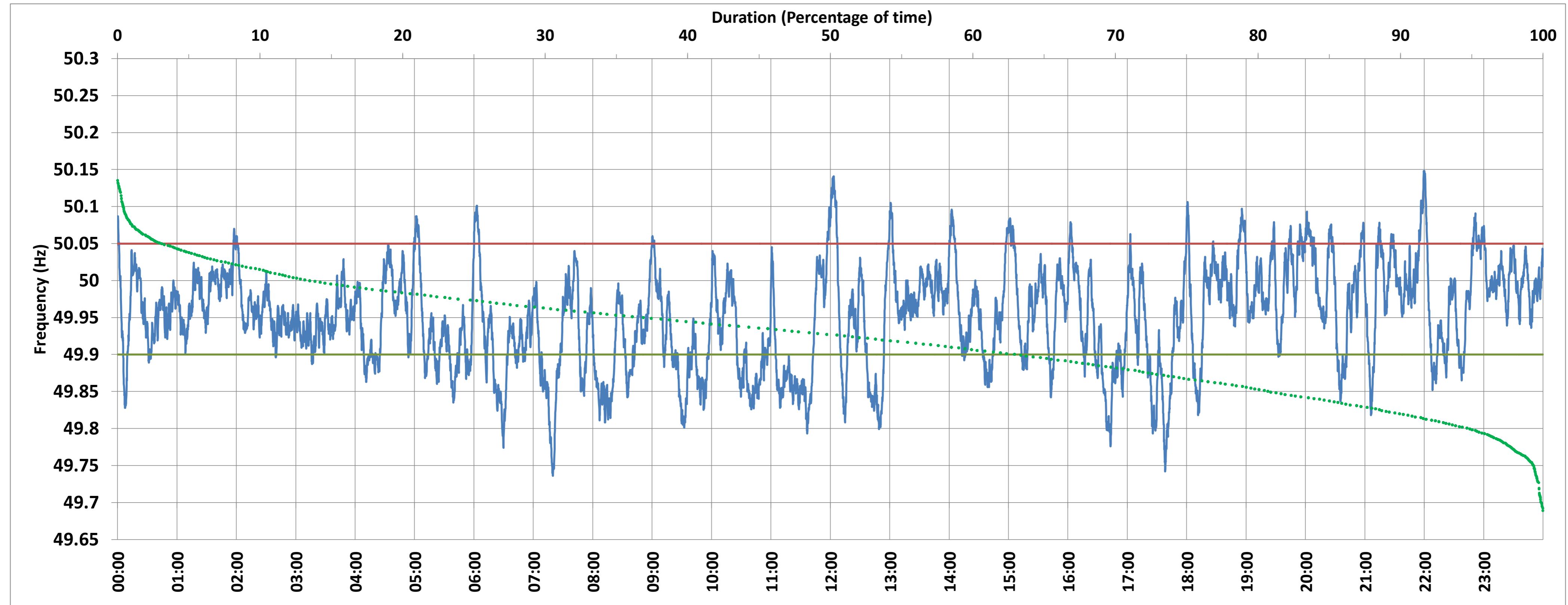


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 17-Nov-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	24.41	58.36	1.00	23.41	50.84	24.00	0.74	69.07	100.00	30.06	6.04	23.87	11.59	6.52	0.00

Average Frequency :	49.951	Frequency Variation Index :	0.070	Standard Deviation :	0.068
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Instantaneous Frequency		
Max	50.148	21:59:40
Min	49.736	7:19:50

15 minute Average Frequency		
Max	50.042	23:00:00
Min	49.836	17:45:00

No. of excursions above 50.03 Hz	66
No. of excursions below 49.97 Hz	119
No. of excursions above 50.00 Hz	93
No. of excursions below 50.00 Hz	95

Average time freq remains below 49.97 per excursion	0:07:04	Average time frequency remains above 50.03 per excursion	0:02:32
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