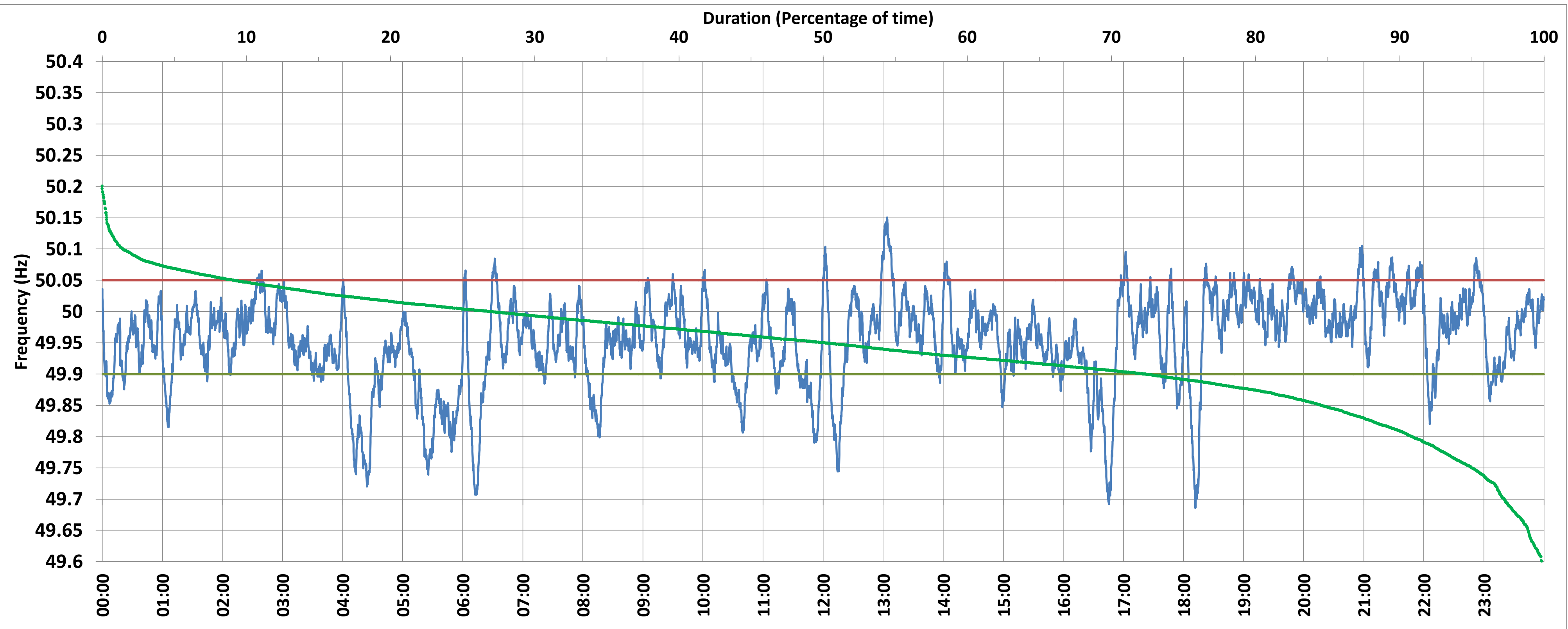


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 28-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
0.13	18.50	54.66	3.85	14.51	54.65	26.37	0.49	76.12	99.87	33.32	4.92	26.78	12.01	5.38	0.00

Average Frequency :	49.953	Frequency Variation Index :	0.073	Standard Deviation :	0.072
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Instantaneous Frequency		
Max	50.150	13:03:40
Min	49.686	18:11:50

15 minute Average Frequency		
Max	50.066	13:15:00
Min	49.782	4:30:00

No. of excursions above 50.03 Hz	91
No. of excursions below 49.97 Hz	145
No. of excursions above 50.00 Hz	160
No. of excursions below 50.00 Hz	156

Average time freq remains below 49.97 per excursion	0:05:26	Average time frequency remains above 50.03 per excursion	0:01:54
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