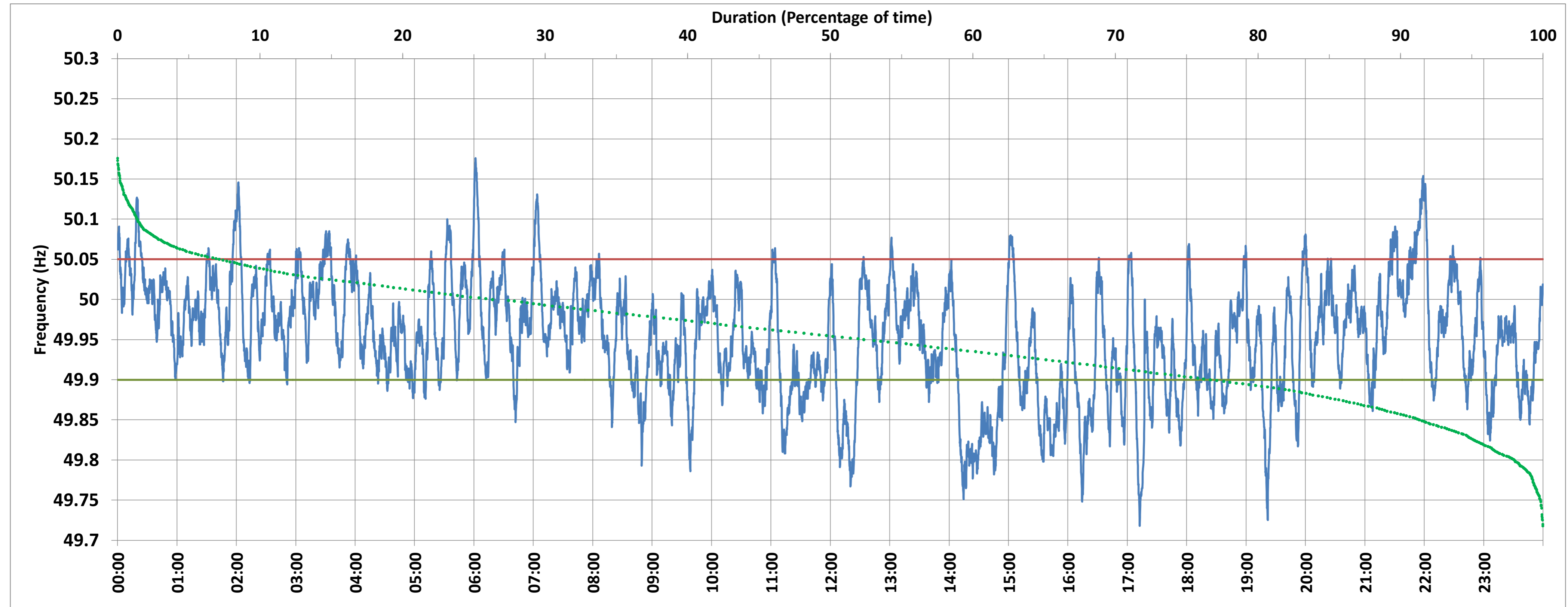


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 12-Dec-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	22.89	57.72	1.97	20.93	49.69	26.01	1.41	69.97	100.00	29.64	6.01	26.30	12.64	7.14	0.00

Average Frequency :	49.952	Frequency Variation Index :	0.074	Standard Deviation :	0.071
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Instantaneous Frequency		
Max	50.176	6:01:40
Min	49.718	17:12:30

15 minute Average Frequency		
Max	50.082	22:00:00
Min	49.800	14:30:00

No. of excursions above 50.03 Hz	76
No. of excursions below 49.97 Hz	120
No. of excursions above 50.00 Hz	88
No. of excursions below 50.00 Hz	88

Average time freq remains below 49.97 per excursion	0:06:56	Average time frequency remains above 50.03 per excursion	0:02:24
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