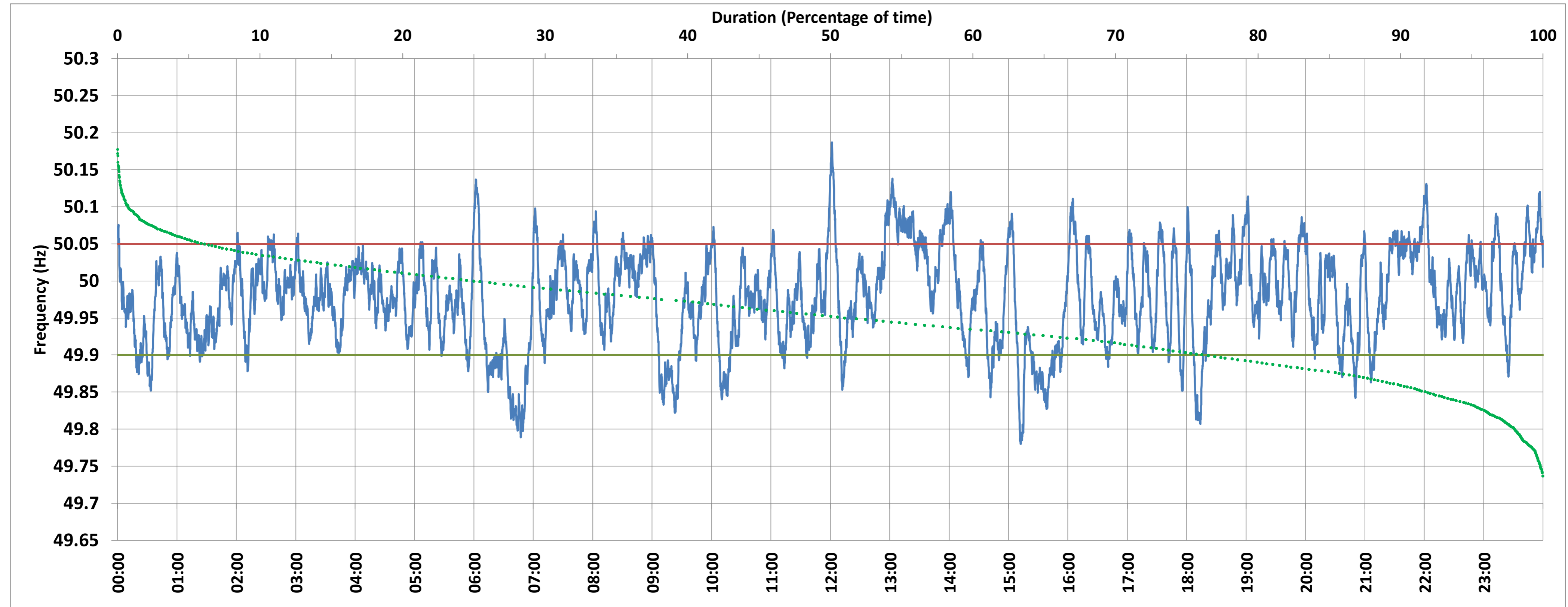


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 24-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	11.59	44.03	0.34	11.25	49.25	37.50	1.67	76.22	100.00	34.54	11.11	38.16	21.44	12.20	0.00

Average Frequency :	49.977	Frequency Variation Index :	0.045	Standard Deviation :	0.064
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Instantaneous Frequency		
Max	50.187	12:01:30
Min	49.780	15:12:10

15 minute Average Frequency		
Max	50.093	13:15:00
Min	49.852	6:45:00

No. of excursions above 50.03 Hz	96
No. of excursions below 49.97 Hz	132
No. of excursions above 50.00 Hz	105
No. of excursions below 50.00 Hz	108

Average time freq remains below 49.97 per excursion	0:04:48	Average time frequency remains above 50.03 per excursion	0:03:13
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