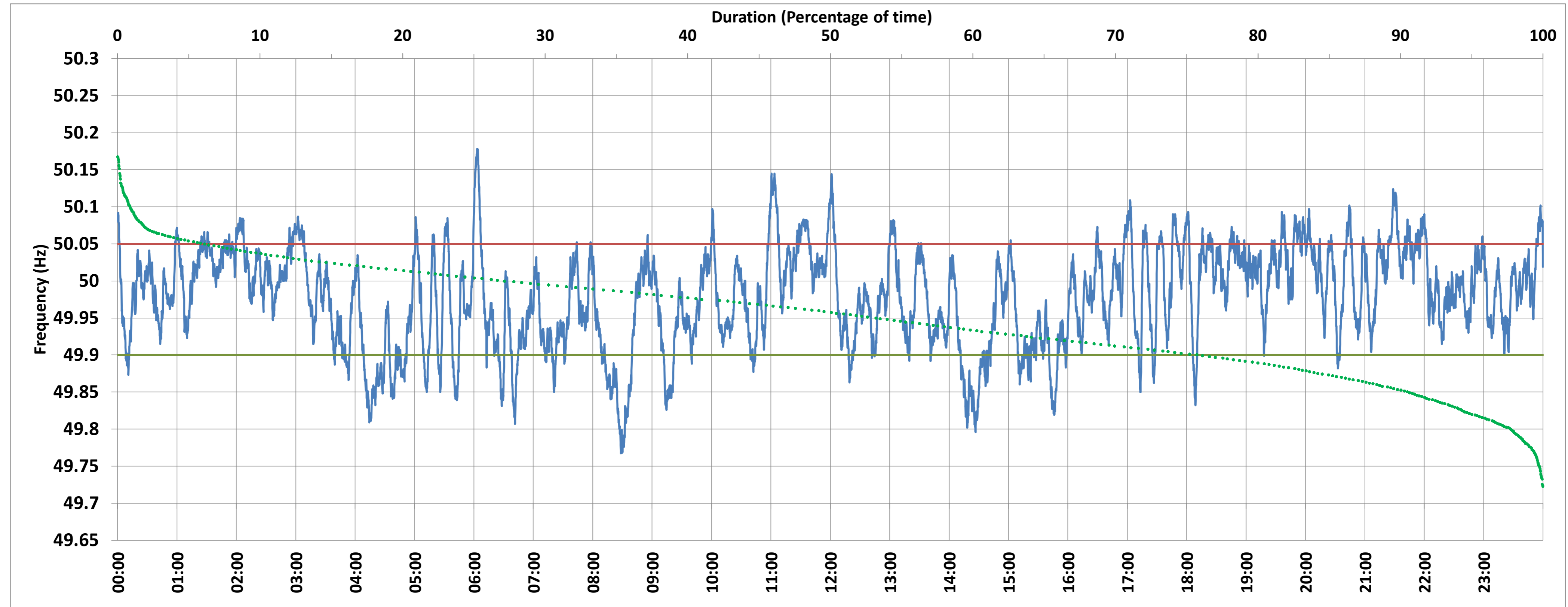


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 16-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	12.96	43.22	0.38	12.58	44.81	40.79	1.44	74.32	100.00	33.61	11.82	40.98	23.17	12.72	0.00

Average Frequency :	49.978	Frequency Variation Index :	0.049	Standard Deviation :	0.066
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Instantaneous Frequency		
Max	50.178	6:03:10
Min	49.767	8:28:20

15 minute Average Frequency		
Max	50.056	11:15:00
Min	49.834	14:30:00

No. of excursions above 50.03 Hz	110
No. of excursions below 49.97 Hz	93
No. of excursions above 50.00 Hz	92
No. of excursions below 50.00 Hz	89

Average time freq remains below 49.97 per excursion	0:06:42	Average time frequency remains above 50.03 per excursion	0:03:02
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