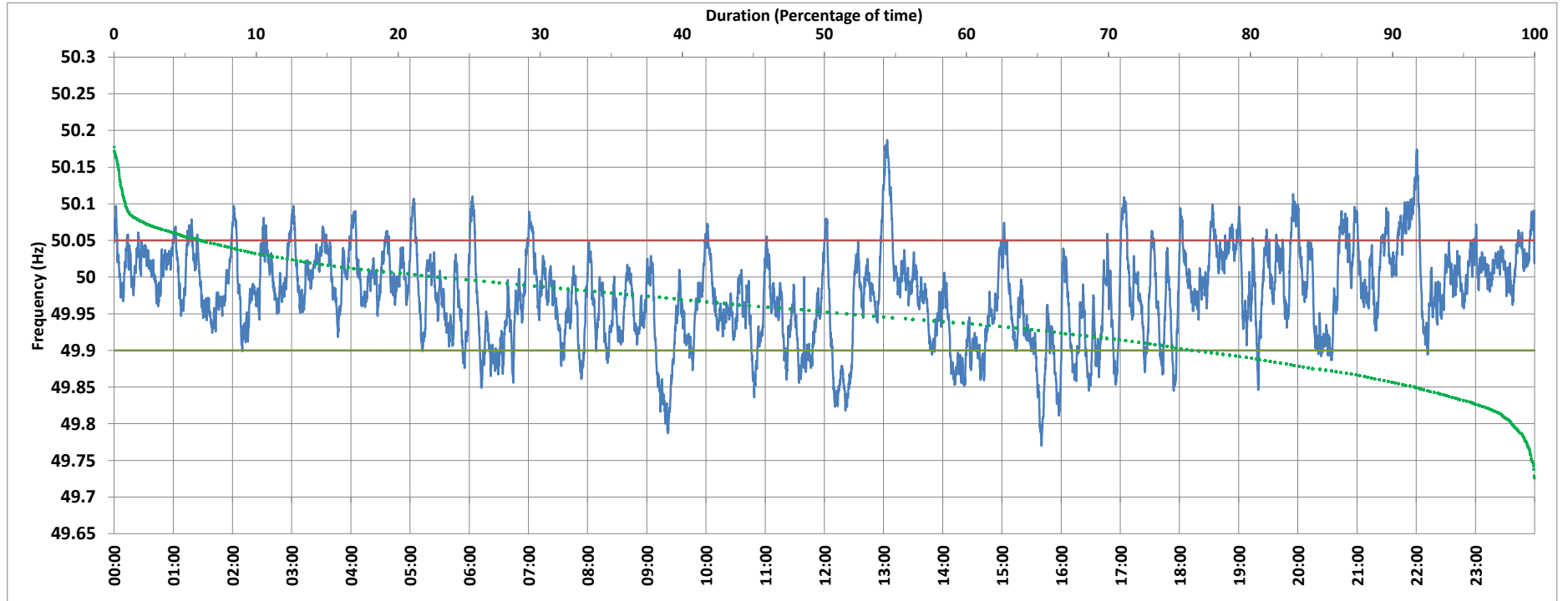


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 25/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	12.33	43.01	0.27	12.06	50.07	36.26	1.34	76.79	100.00	38.02	9.88	36.49	18.97	10.88	0.00

Average Frequency :	49.976	Frequency Variation Index :	0.045	Standard Deviation :	0.063
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Instantaneous Frequency		
Max	50.187	13:03:40
Min	49.770	15:40:10

15 minute Average Frequency		
Max	50.088	22:00:00
Min	49.849	9:30:00

No. of excursions above 50.03 Hz	117
No. of excursions below 49.97 Hz	136
No. of excursions above 50.00 Hz	96
No. of excursions below 50.00 Hz	96

Average time freq remains below 49.97 per excursion	0:04:33	Average time frequency remains above 50.03 per excursion	0:02:20
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