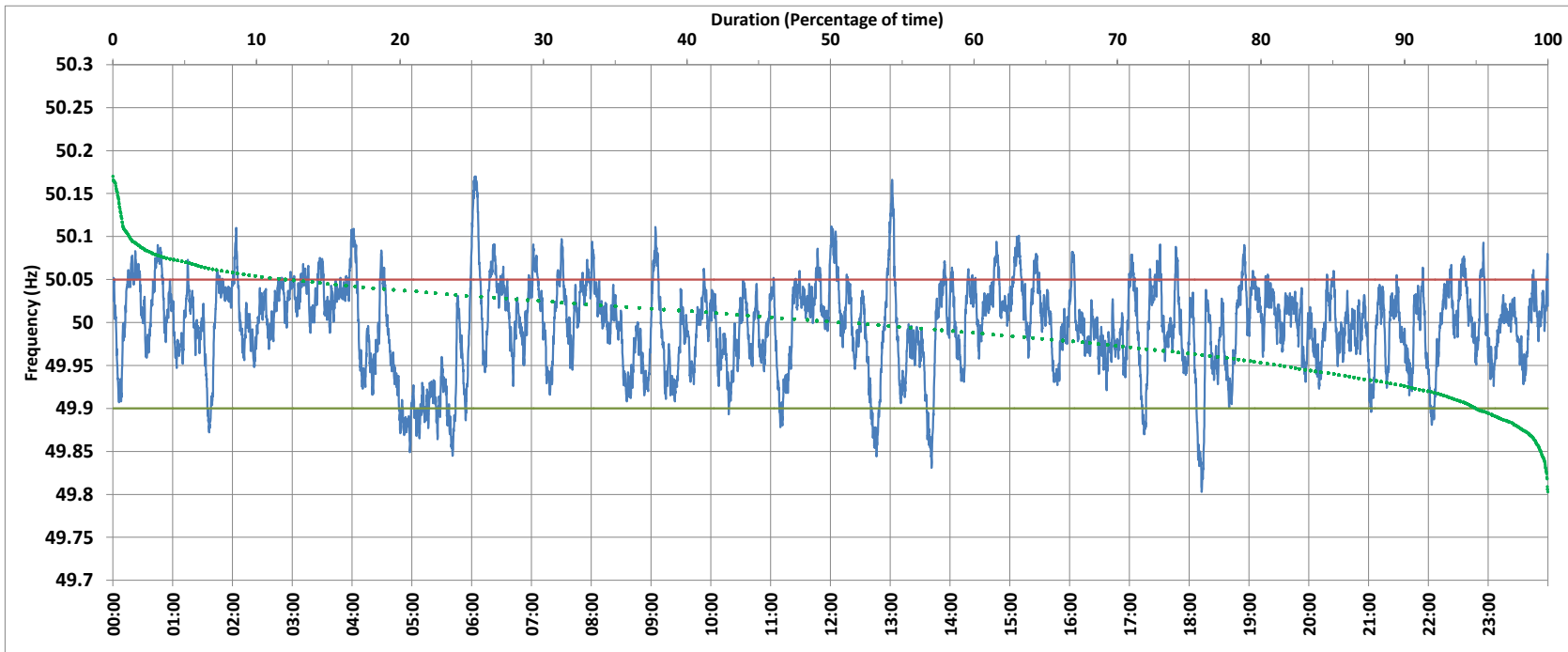


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 15-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
0.00	4.92	27.97	0.00	4.92	43.10	50.80	1.18	83.07	100.00	46.37	11.45	50.54	25.66	12.01	0.00

Average Frequency :	49.996	Frequency Variation Index :	0.027	Standard Deviation :	0.051
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Instantaneous Frequency		
Max	50.170	6:03:00
Min	49.803	18:12:30

15 minute Average Frequency		
Max	50.066	6:15:00
Min	49.890	5:00:00

No. of excursions above 50.03 Hz	155
No. of excursions below 49.97 Hz	121
No. of excursions above 50.00 Hz	129
No. of excursions below 50.00 Hz	123

Average time freq remains below 49.97 per excursion	0:03:20	Average time frequency remains above 50.03 per excursion	0:02:23
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