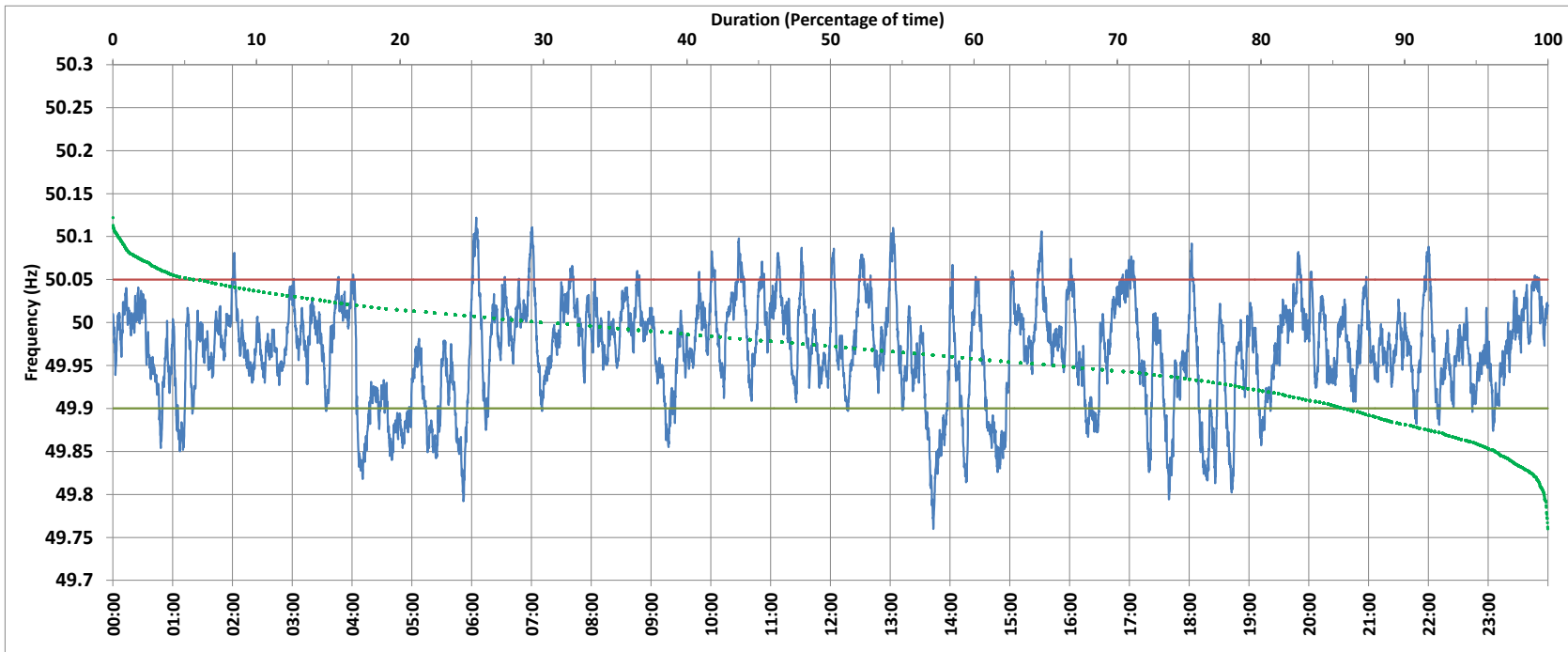


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 21-Sep-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	13.98	47.64	0.27	13.72	55.02	30.60	0.39	80.42	100.00	39.69	5.68	29.79	12.67	5.60	0.00

Average Frequency :	49.967	Frequency Variation Index :	0.045	Standard Deviation :	0.058
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Instantaneous Frequency		
Max	50.122	6:04:20
Min	49.760	13:43:10

15 minute Average Frequency		
Max	50.039	17:00:00
Min	49.869	18:30:00

No. of excursions above 50.03 Hz	79
No. of excursions below 49.97 Hz	128
No. of excursions above 50.00 Hz	120
No. of excursions below 50.00 Hz	108

Average time freq remains below 49.97 per excursion	0:05:22	Average time frequency remains above 50.03 per excursion	0:02:19
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