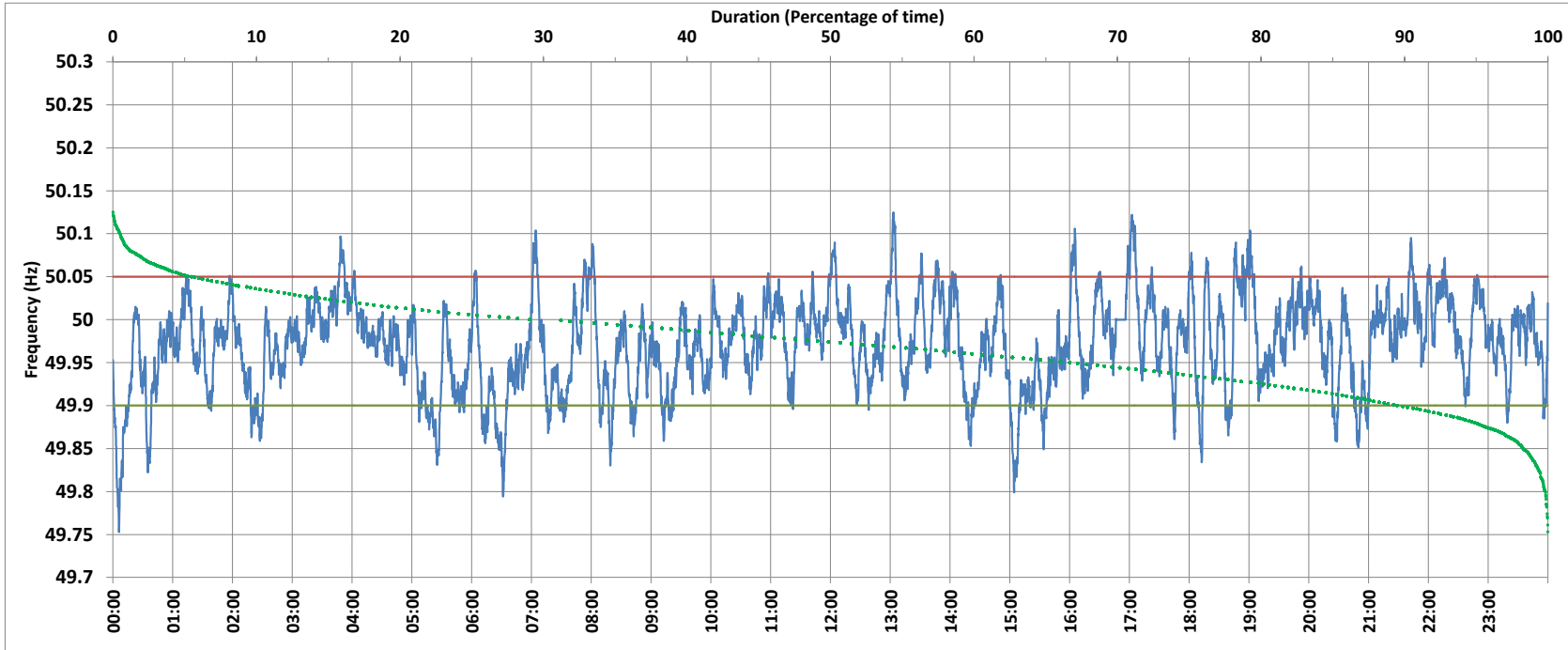


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 28-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	10.13	46.30	0.17	9.95	58.67	30.68	0.52	84.40	100.00	41.41	5.21	29.03	12.29	5.47	0.00

Average Frequency :	49.971	Frequency Variation Index :	0.037	Standard Deviation :	0.053
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Instantaneous Frequency		
Max	50.125	13:03:00
Min	49.753	0:06:00

15 minute Average Frequency		
Max	50.051	19:00:00
Min	49.849	0:15:00

No. of excursions above 50.03 Hz	85
No. of excursions below 49.97 Hz	142
No. of excursions above 50.00 Hz	125
No. of excursions below 50.00 Hz	130

Average time freq remains below 49.97 per excursion	0:04:42	Average time frequency remains above 50.03 per excursion	0:02:05
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