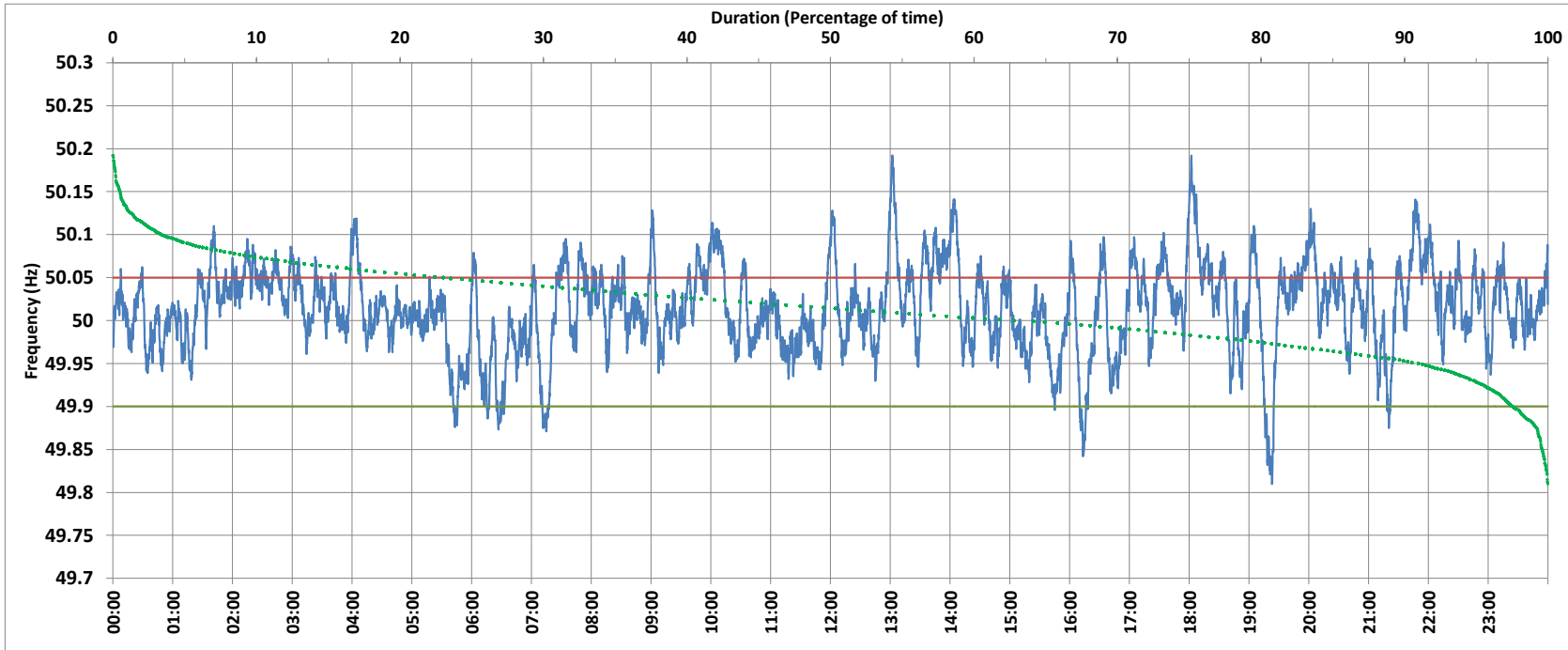


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 28-Aug-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	2.37	17.31	0.00	2.37	33.48	60.60	3.54	74.59	100.00	45.57	20.16	62.79	37.12	23.03	0.00

Average Frequency :	50.014	Frequency Variation Index :	0.027	Standard Deviation :	0.050
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Instantaneous Frequency		
Max	50.192	13:01:50
Min	49.810	19:23:00

15 minute Average Frequency		
Max	50.108	18:15:00
Min	49.897	19:30:00

No. of excursions above 50.03 Hz	156
No. of excursions below 49.97 Hz	102
No. of excursions above 50.00 Hz	159
No. of excursions below 50.00 Hz	161

Average time freq remains below 49.97 per excursion	0:02:27	Average time frequency remains above 50.03 per excursion	0:03:26
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