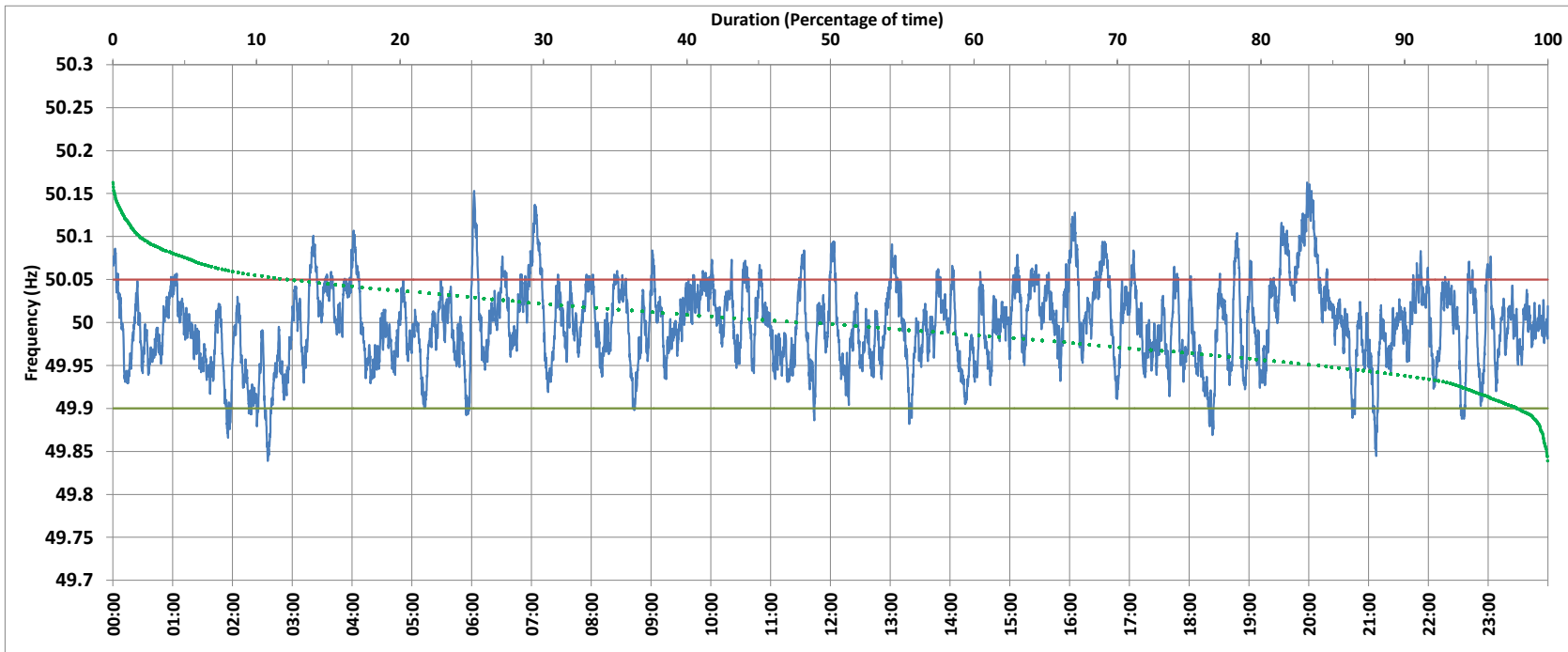


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 27-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	1.99	28.53	0.00	1.99	48.74	47.37	1.90	85.88	100.00	46.77	10.76	47.59	24.70	12.13	0.00

Average Frequency :	49.998	Frequency Variation Index :	0.023	Standard Deviation :	0.048
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Instantaneous Frequency		
Max	50.163	19:58:20
Min	49.839	2:35:10

15 minute Average Frequency		
Max	50.096	20:00:00
Min	49.908	2:45:00

No. of excursions above 50.03 Hz	126
No. of excursions below 49.97 Hz	143
No. of excursions above 50.00 Hz	136
No. of excursions below 50.00 Hz	148

Average time freq remains below 49.97 per excursion	0:02:52	Average time frequency remains above 50.03 per excursion	0:02:49
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