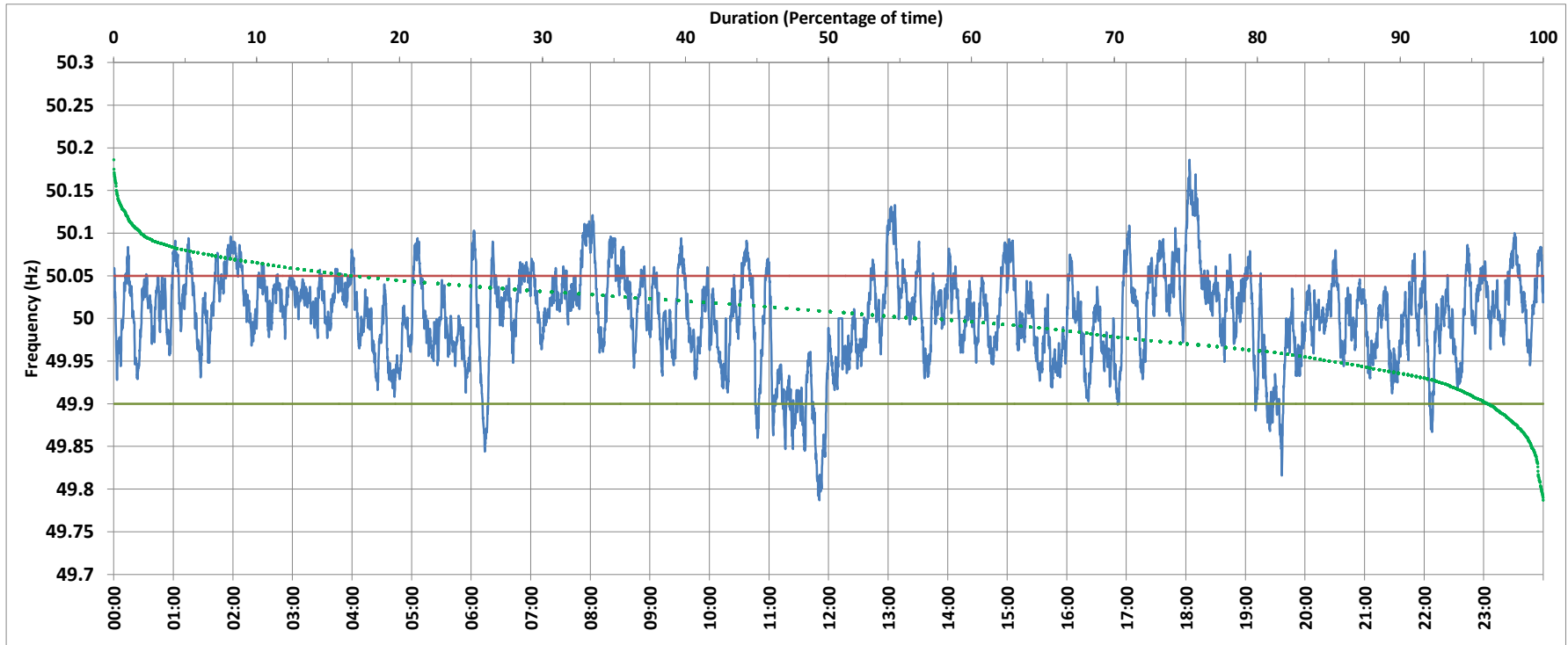


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 31-Jul-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	3.77	24.14	0.13	3.65	38.33	55.96	1.93	79.64	100.00	44.28	15.32	56.04	31.57	16.59	0.00

Average Frequency :	50.003	Frequency Variation Index :	0.028	Standard Deviation :	0.053
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Instantaneous Frequency		
Max	50.186	18:04:20
Min	49.787	11:50:40

15 minute Average Frequency		
Max	50.127	18:15:00
Min	49.851	12:00:00

No. of excursions above 50.03 Hz	171
No. of excursions below 49.97 Hz	126
No. of excursions above 50.00 Hz	126
No. of excursions below 50.00 Hz	128

Average time freq remains below 49.97 per excursion	0:02:46	Average time frequency remains above 50.03 per excursion	0:02:40
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