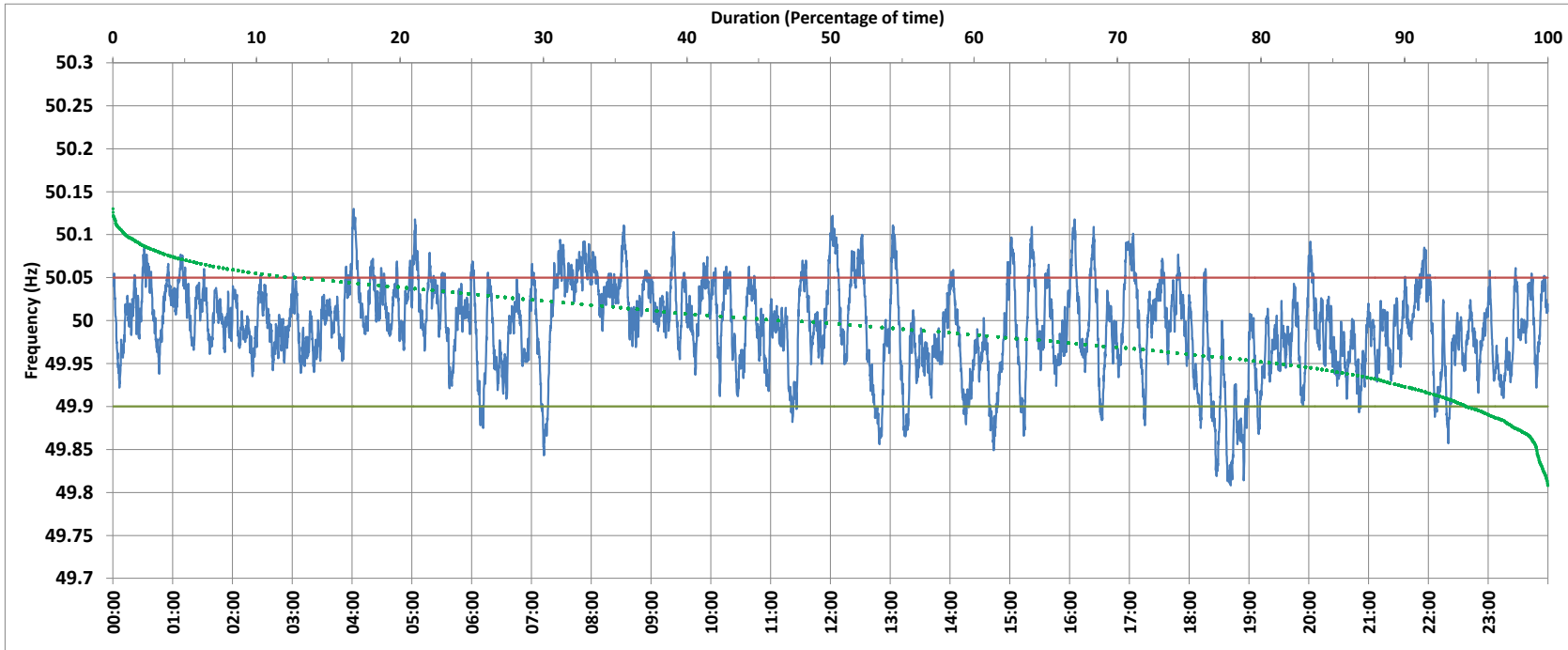


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 30-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	5.54	30.09	0.00	5.54	46.46	47.08	0.91	81.81	100.00	44.47	12.48	46.35	25.44	12.65	0.00

Average Frequency :	49.993	Frequency Variation Index :	0.028	Standard Deviation :	0.052
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Instantaneous Frequency		
Max	50.130	4:01:20
Min	49.808	18:41:30

15 minute Average Frequency		
Max	50.066	8:00:00
Min	49.881	18:45:00

No. of excursions above 50.03 Hz	124
No. of excursions below 49.97 Hz	136
No. of excursions above 50.00 Hz	146
No. of excursions below 50.00 Hz	147

Average time freq remains below 49.97 per excursion	0:03:11	Average time frequency remains above 50.03 per excursion	0:02:57
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