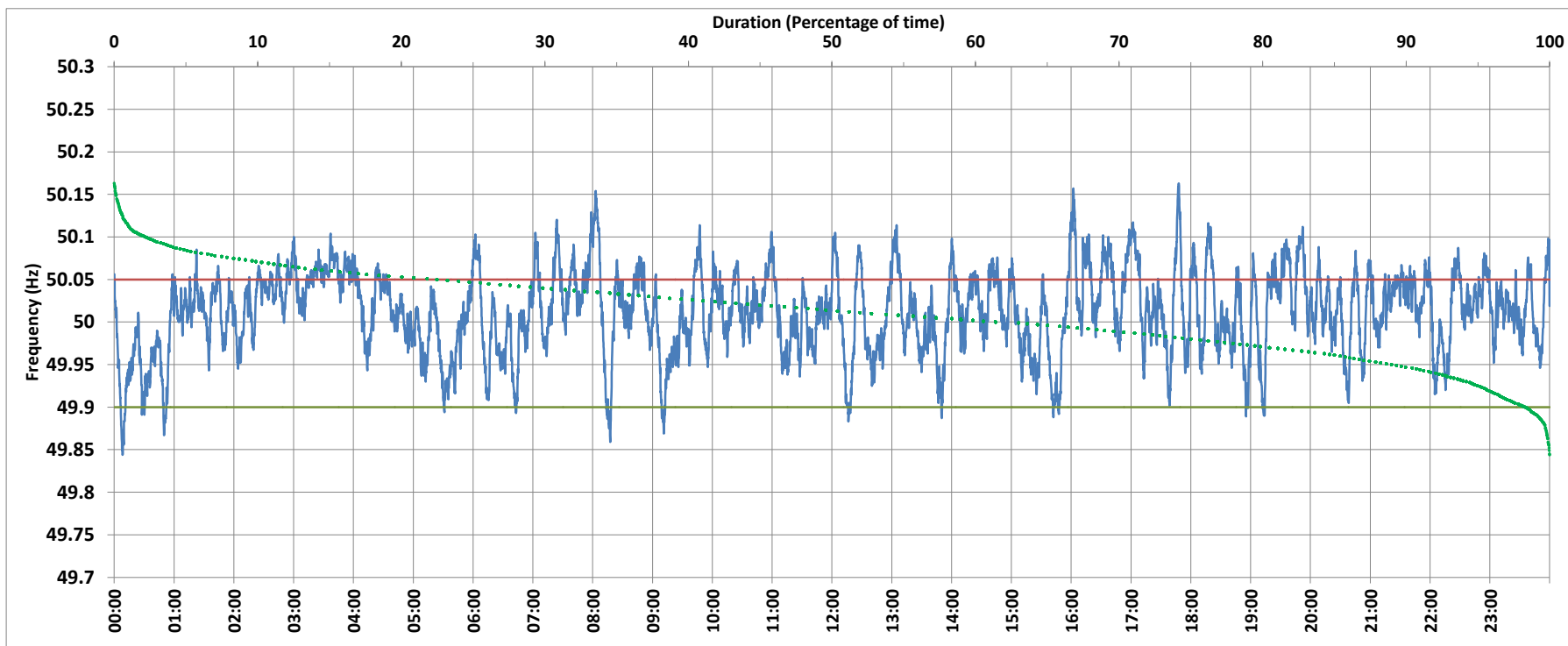


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 1/Oct/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	1.59	18.95	0.00	1.59	35.42	60.69	2.30	75.94	100.00	43.82	21.06	61.38	37.23	22.48	0.00

Average Frequency :	50.012	Frequency Variation Index :	0.025	Standard Deviation :	0.048
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Instantaneous Frequency	
Max	50.163 17:47:50
Min	49.844 0:08:20

15 minute Average Frequency	
Max	50.068 3:45:00
Min	49.932 0:15:00

No. of excursions above 50.03 Hz	154
No. of excursions below 49.97 Hz	105
No. of excursions above 50.00 Hz	127
No. of excursions below 50.00 Hz	131

Average time freq remains below 49.97 per excursion	0:02:36	Average time frequency remains above 50.03 per excursion	0:03:29
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