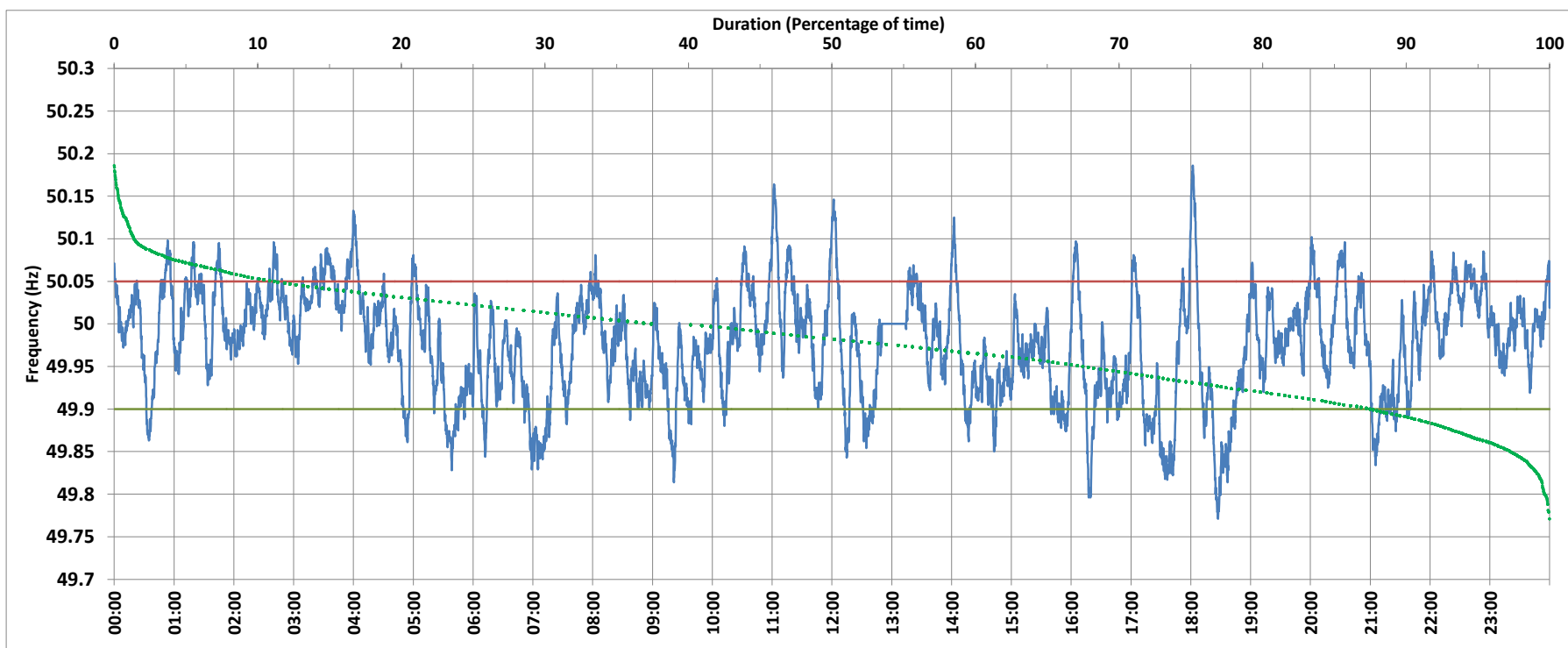


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 16/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	12.31	42.14	0.29	12.03	47.53	38.75	1.40	76.54	100.00	37.28	10.01	37.41	20.58	11.15	0.00

Average Frequency :	49.977	Frequency Variation Index :	0.045	Standard Deviation :	0.063
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Instantaneous Frequency		
Max	50.186	18:01:50
Min	49.771	18:27:10

15 minute Average Frequency		
Max	50.059	3:45:00
Min	49.843	17:45:00

No. of excursions above 50.03 Hz	102
No. of excursions below 49.97 Hz	104
No. of excursions above 50.00 Hz	102
No. of excursions below 50.00 Hz	106

Average time freq remains below 49.97 per excursion	0:05:50	Average time frequency remains above 50.03 per excursion	0:02:54
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