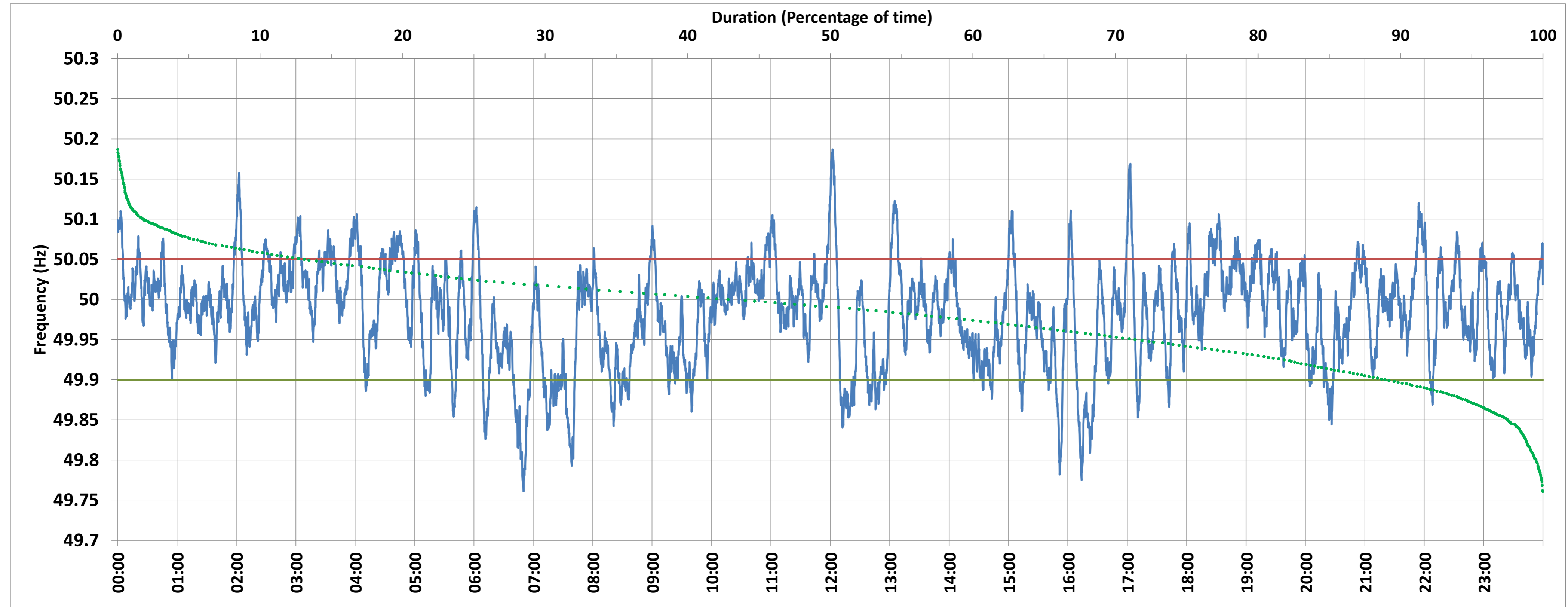


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 19-Dec-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	10.81	37.53	0.47	10.34	45.15	42.18	1.86	76.09	100.00	40.16	11.59	42.81	22.30	13.10	0.00

Average Frequency :	49.983	Frequency Variation Index :	0.043	Standard Deviation :	0.063
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Instantaneous Frequency		
Max	50.187	12:02:10
Min	49.761	6:50:00

15 minute Average Frequency		
Max	50.055	13:15:00
Min	49.855	7:00:00

No. of excursions above 50.03 Hz	109
No. of excursions below 49.97 Hz	109
No. of excursions above 50.00 Hz	131
No. of excursions below 50.00 Hz	127

Average time freq remains below 49.97 per excursion	0:04:58	Average time frequency remains above 50.03 per excursion	0:02:57
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