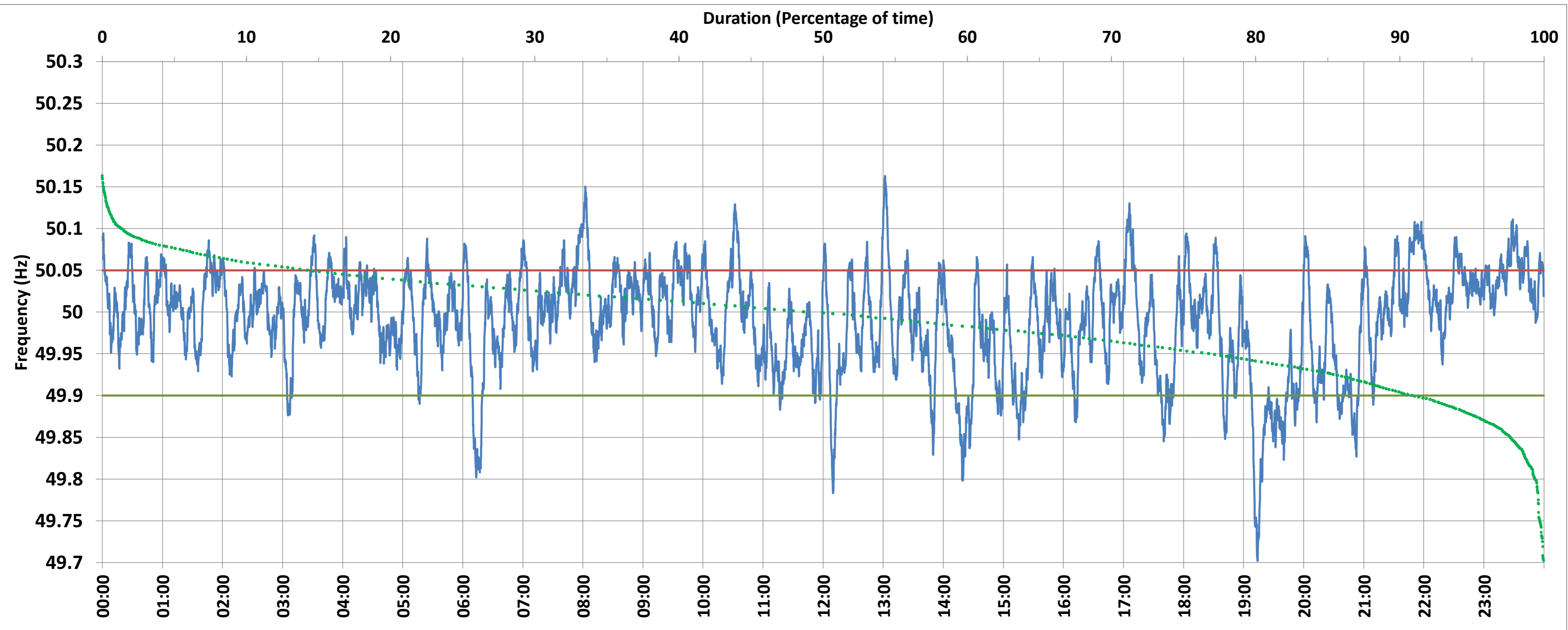


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 21-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	8.96	31.92	0.58	8.38	41.01	48.62	1.41	76.79	100.00	41.71	13.32	48.66	26.37	14.25	0.00

Average Frequency :	49.990	Frequency Variation Index :	0.039	Standard Deviation :	0.061
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		153
Max	50.163	13:01:50	Max	50.087	22:00:00	No. of excursions below 49.97 Hz		106
Min	49.702	19:13:50	Min	49.852	19:30:00	No. of excursions above 50.00 Hz		119
						No. of excursions below 50.00 Hz		121

Average time freq remains below 49.97 per excursion	0:04:20	Average time frequency remains above 50.03 per excursion	0:02:29
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