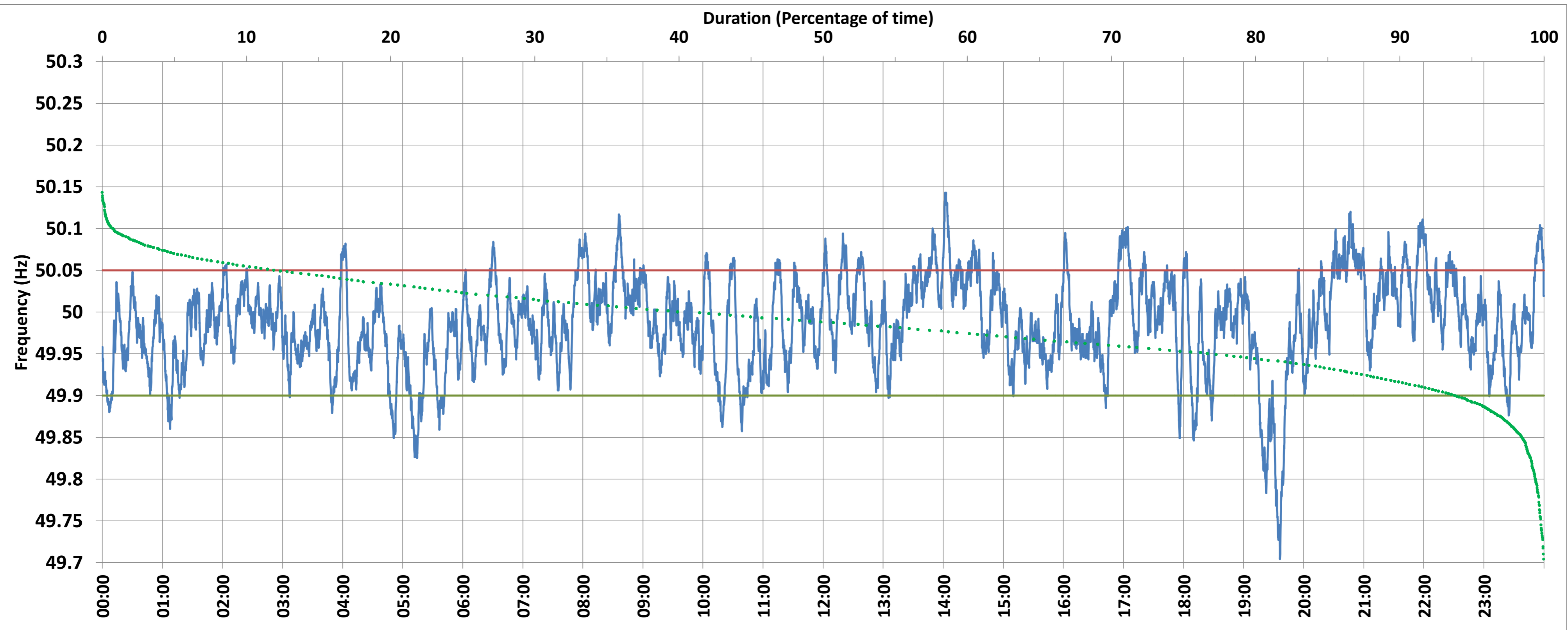


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 20-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	6.04	36.64	0.57	5.47	52.52	40.64	0.80	82.05	100.00	41.71	11.64	39.92	21.64	11.91	0.00

Average Frequency :	49.986	Frequency Variation Index :	0.033	Standard Deviation :	0.055
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		112
Max	50.143	14:01:50	Max	50.072	21:00:00	No. of excursions below 49.97 Hz		136
Min	49.704	19:36:20	Min	49.820	19:45:00	No. of excursions above 50.00 Hz		119
						No. of excursions below 50.00 Hz		111

Average time freq remains below 49.97 per excursion	0:03:53	Average time frequency remains above 50.03 per excursion	0:02:47
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