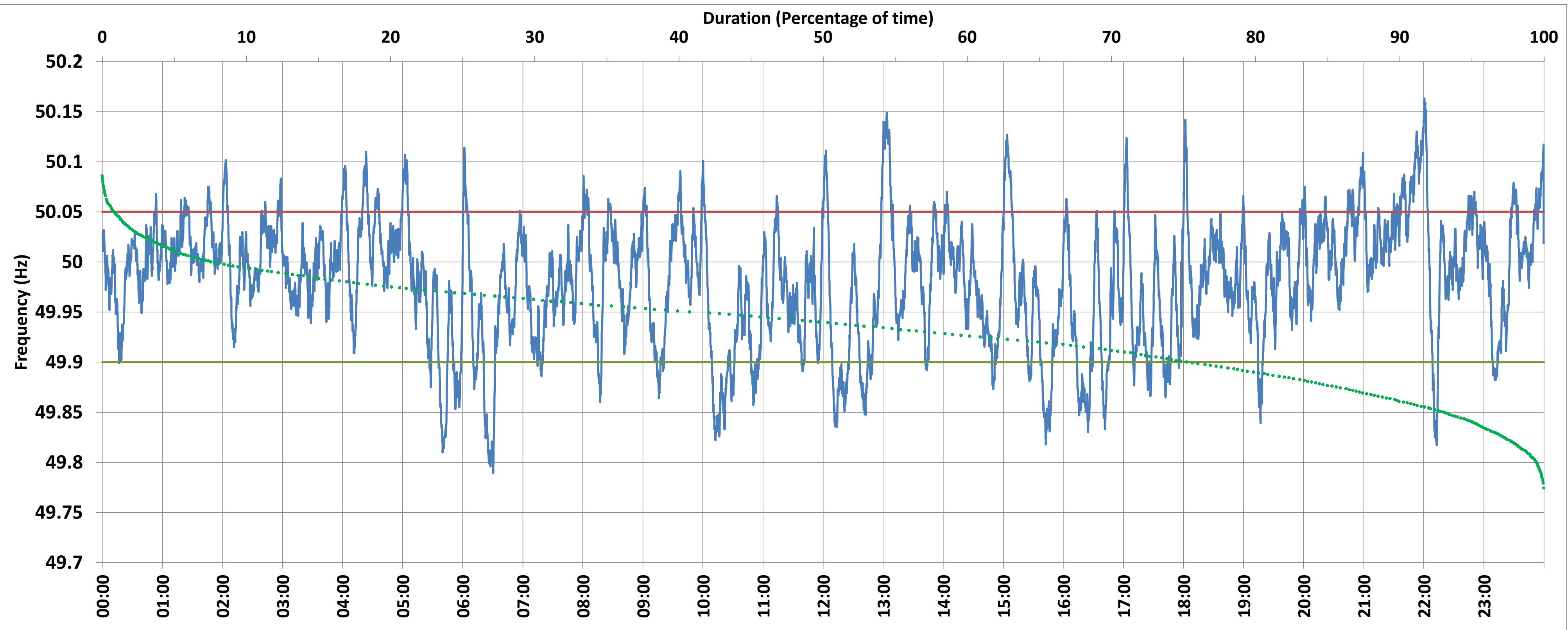


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 22-Nov-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	11.49	38.41	0.07	11.42	46.39	40.07	2.05	77.41	100.00	41.50	9.55	40.74	20.08	11.10	0.00

Average Frequency :	49.981	Frequency Variation Index :	0.042	Standard Deviation :	0.062
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		121
Max	50.163	22:00:30	Max	50.096	22:00:00	No. of excursions below 49.97 Hz		121
Min	49.789	6:30:20	Min	49.870	6:30:00	No. of excursions above 50.00 Hz		113
					No. of excursions below 50.00 Hz		126	

Average time freq remains below 49.97 per excursion	0:04:34	Average time frequency remains above 50.03 per excursion	0:02:23
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