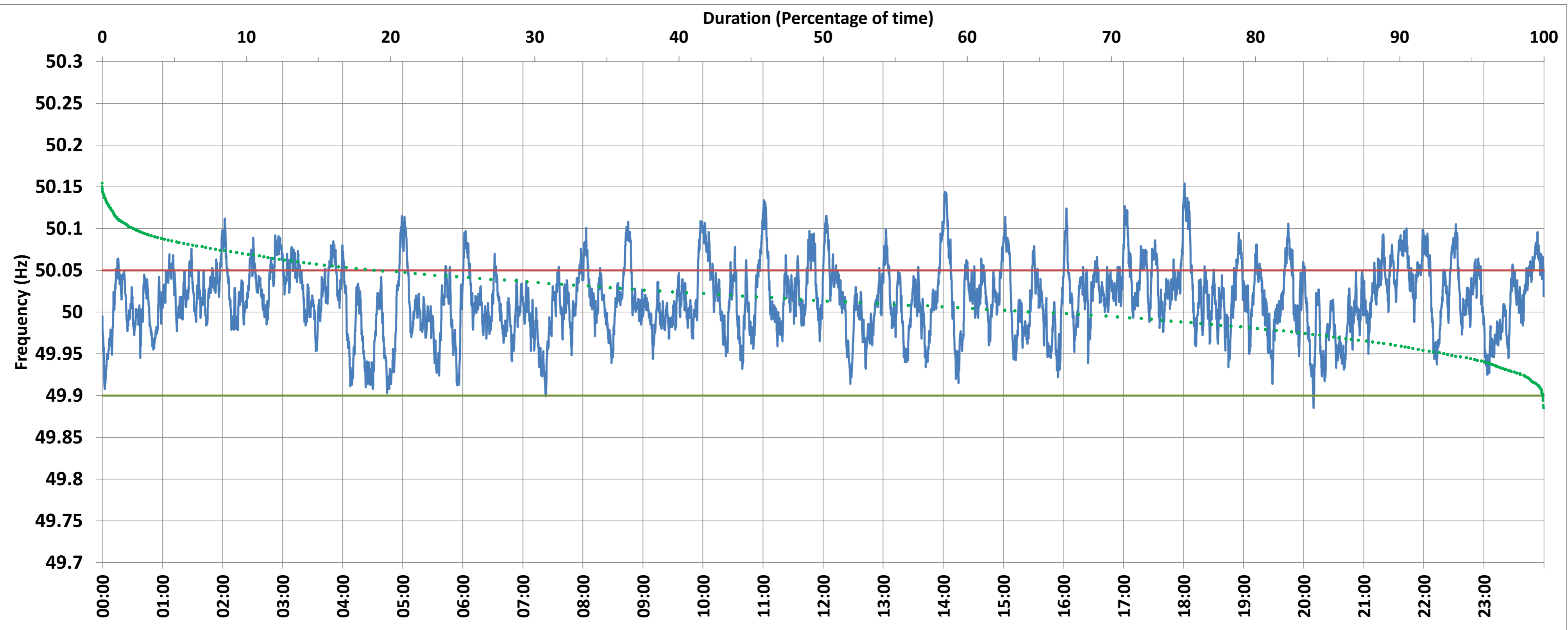


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 24-Sep-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	0.06	14.19	0.00	0.06	33.95	63.75	2.25	81.08	100.00	51.30	17.33	64.22	34.51	18.87	0.00

Average Frequency :	50.015	Frequency Variation Index :	0.020	Standard Deviation :	0.042
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Instantaneous Frequency				15 minute Average Frequency				No. of excursions above 50.03 Hz		177
Max	50.154	18:01:00	Max	50.065	21:45:00	No. of excursions below 49.97 Hz		94		
Min	49.885	20:10:00	Min	49.952	7:30:00	No. of excursions above 50.00 Hz		158		
						No. of excursions below 50.00 Hz		156		

Average time freq remains below 49.97 per excursion	0:02:10	Average time frequency remains above 50.03 per excursion	0:02:48
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