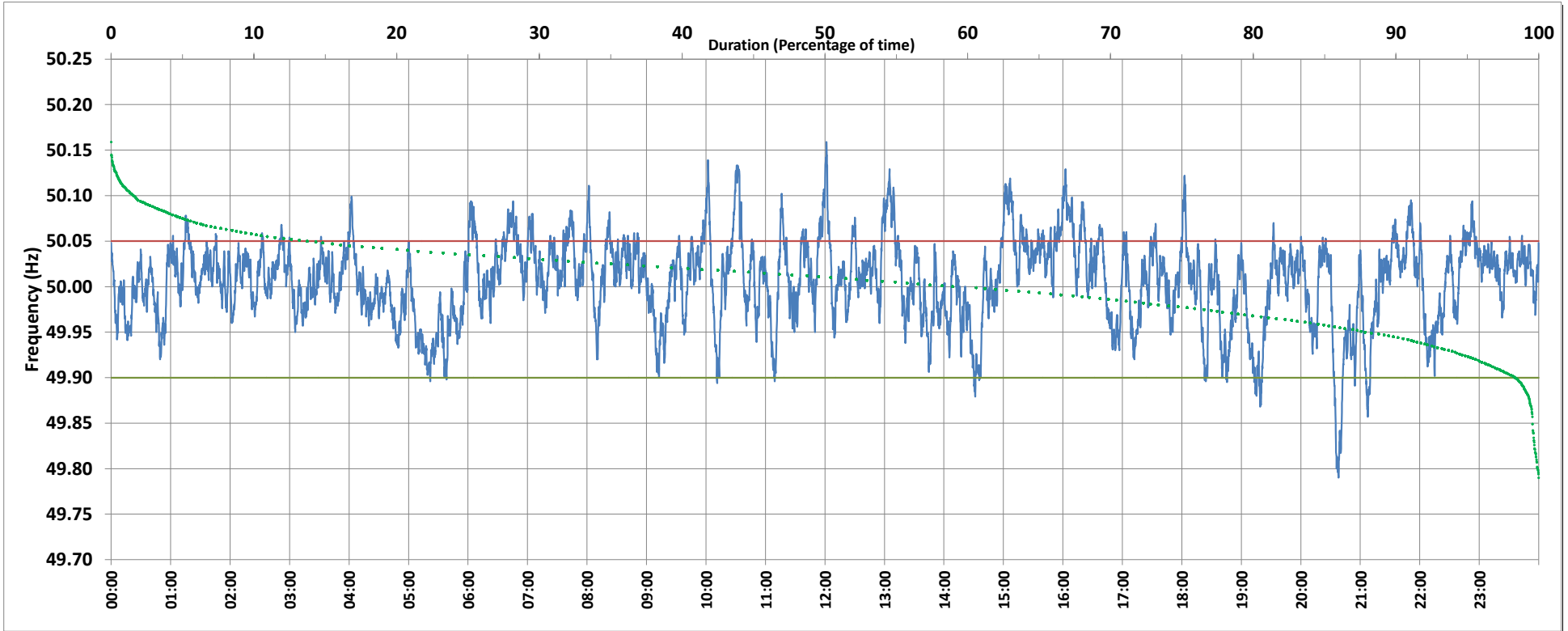


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Sep-2019 (Friday)



<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	<49.95	49.95-50.05	49.90-49.95
0.00	1.56	20.60	0.07	1.49	37.85	58.94	1.66	84.71	100.00	49.17	12.77	58.94	30.23	13.73	0.00	11.74	74.54	10.17

Average Frequency : 50.006	Frequency Variation Index : 0.0216	Standard Deviation : 0.0461	Mileage: 45.7	FDI: 15.3
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Instantaneous Frequency		
Max	50.159	12:01:30
Min	49.790	20:38:00

15 minute Average Frequency		
Max	50.078	13:15:00
Min	49.882	20:45:00

No. of excursions	
above 50.03 Hz	179
below 49.97 Hz	96
above 50.00 Hz	112
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	3:40:10
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)