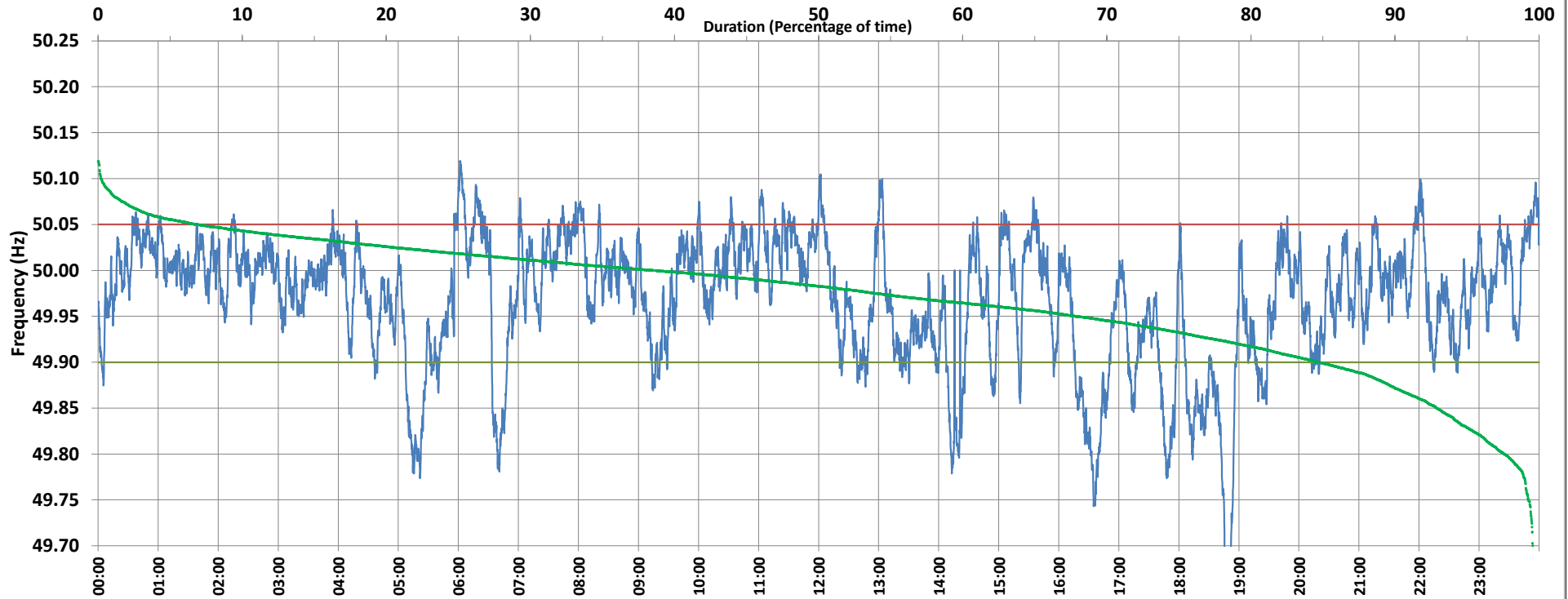


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Sep-2019 (Monday)



<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
0.44	15.28	43.37	1.98	12.86	46.05	38.47	0.20	77.87	99.56	39.13	6.70	38.47	17.50	6.85	0.00	32.12	61.03	16.84

Average Frequency : 49.969	Frequency Variation Index : 0.0586	Standard Deviation : 0.0698	Mileage: 48.1	FDI: 22.1
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Instantaneous Frequency		
Max	50.119	6:01:30
Min	49.621	18:50:20

15 minute Average Frequency		
Max	50.056	0:00:00
Min	49.761	19:00:00

No. of excursions	
above 50.03 Hz	143
below 49.97 Hz	138
above 50.00 Hz	190
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:04:32
above 50.03	0:01:46

No. of hours freq outside 49.9-50.05 Hz	5:18:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)