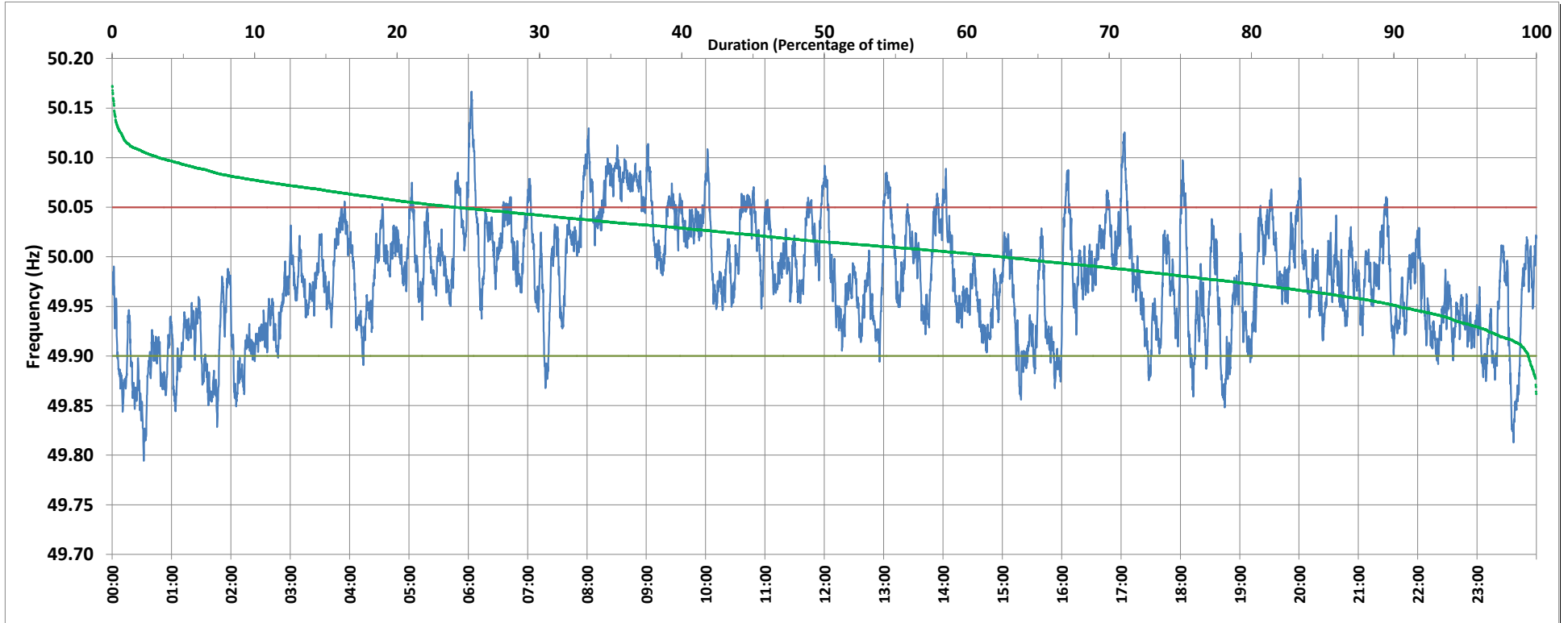


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Oct-2018 (Sunday)



<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
0.0	9.6	43.9	0.0	9.6	54.0	35.5	0.9	79.3	100.0	36.9	10.1	36.3	19.3	11.0	0.0	31.8	57.2	22.2

Average Frequency : 49.978	Frequency Variation Index : 0.038	Standard Deviation : 0.058	Mileage: 44.0	FDI: 20.7
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Instantaneous Frequency		
Max	50.167	6:03:10
Min	49.794	0:31:40

15 minute Average Frequency		
Max	50.081	8:45:00
Min	49.873	1:45:00

No. of excursions	
above 50.03 Hz	100
below 49.97 Hz	154
above 50.00 Hz	144
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:04:06
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	4:57:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)