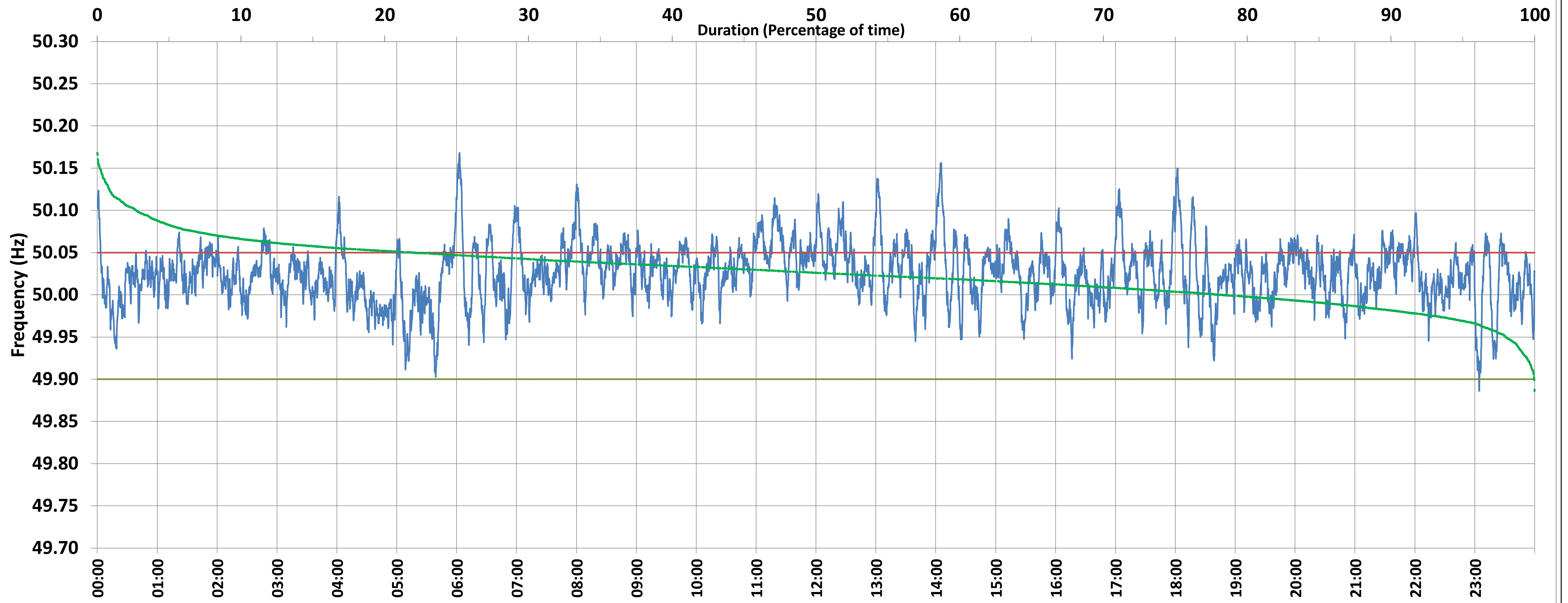


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Oct-2020 (Thursday)



<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	0.03	5.28	0.00	0.03	21.71	75.53	2.72	77.94	100.00	49.32	19.39	78.19	45.41	22.03	0.00	10.00	75.96	9.97

Average Frequency : 50.026	Frequency Variation Index : 0.0191	Standard Deviation : 0.0353	Mileage: 45.7	FDI: 22.1
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Instantaneous Frequency		
Max	50.168	6:02:50
Min	49.886	23:04:30

15 minute Average Frequency		
Max	50.075	11:30:00
Min	49.968	5:45:00

No. of excursions	
above 50.03 Hz	267
below 49.97 Hz	65
above 50.00 Hz	200
below 50.00 Hz	198

Average time freq per excursion remains	
below 49.97	0:01:10
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	5:17:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)