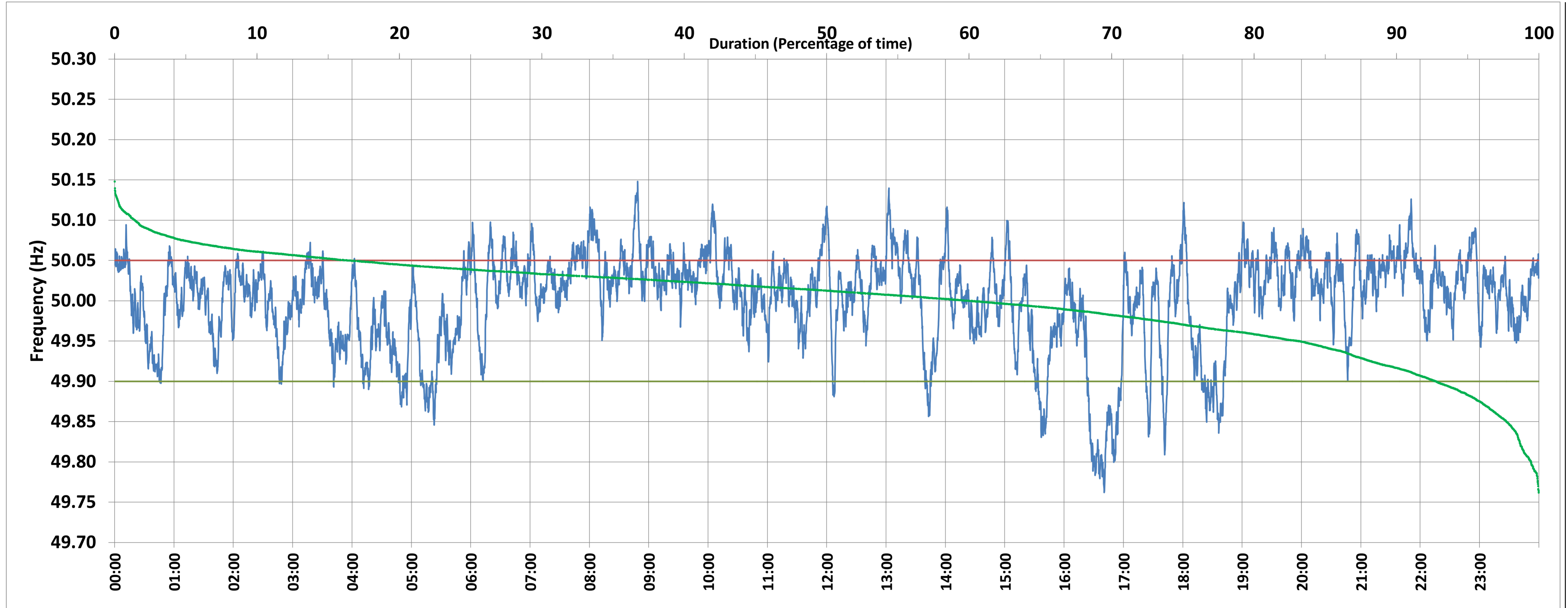


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-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	7.21	24.77	0.56	6.66	32.65	58.70	1.44	76.23	100.00	41.64	15.20	60.00	33.59	16.56	0.00	16.77	66.67	9.56

Average Frequency : 50.000	Frequency Variation Index : 0.0344	Standard Deviation : 0.0586	Mileage: 48.7	FDI: 23.8
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Instantaneous Frequency		
Max	50.148	8:48:50
Min	49.762	16:40:30

15 minute Average Frequency		
Max	50.073	13:15:00
Min	49.806	16:45:00

No. of excursions	
above 50.03 Hz	238
below 49.97 Hz	102
above 50.00 Hz	174
below 50.00 Hz	172

Average time freq per excursion remains	
below 49.97	0:03:30
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	5:42:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)