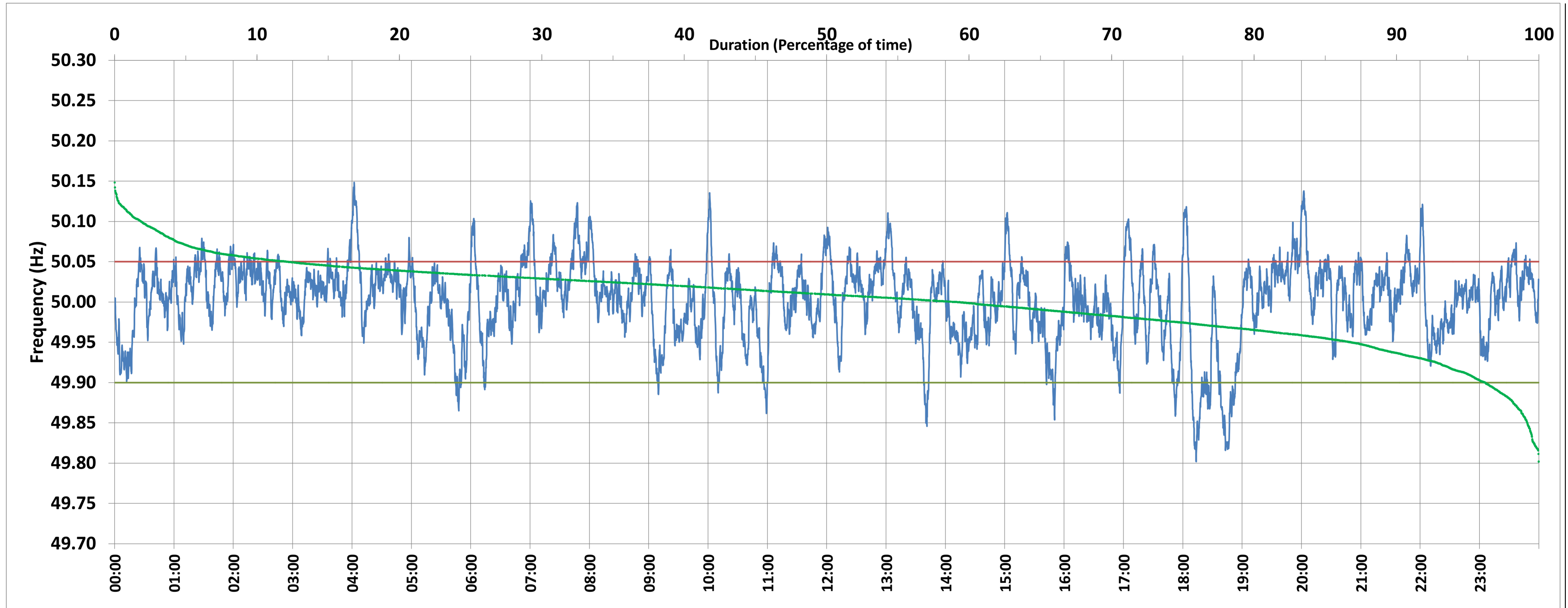


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 07-Oct-2020 (Wednesday)



<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	3.76	22.60	0.00	3.76	36.96	57.42	1.86	84.07	100.00	48.30	10.36	59.20	29.10	12.16	0.00	13.14	74.70	9.38

Average Frequency : 50.002	Frequency Variation Index : 0.0243	Standard Deviation : 0.0492	Mileage: 46.0	FDI: 15.9
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Instantaneous Frequency		
Max	50.148	4:02:10
Min	49.802	18:13:30

15 minute Average Frequency		
Max	50.069	8:00:00
Min	49.888	18:30:00

No. of excursions	
above 50.03 Hz	232
below 49.97 Hz	125
above 50.00 Hz	177
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:02:36
above 50.03	0:01:48

No. of hours freq outside 49.9-50.05 Hz	3:49:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)