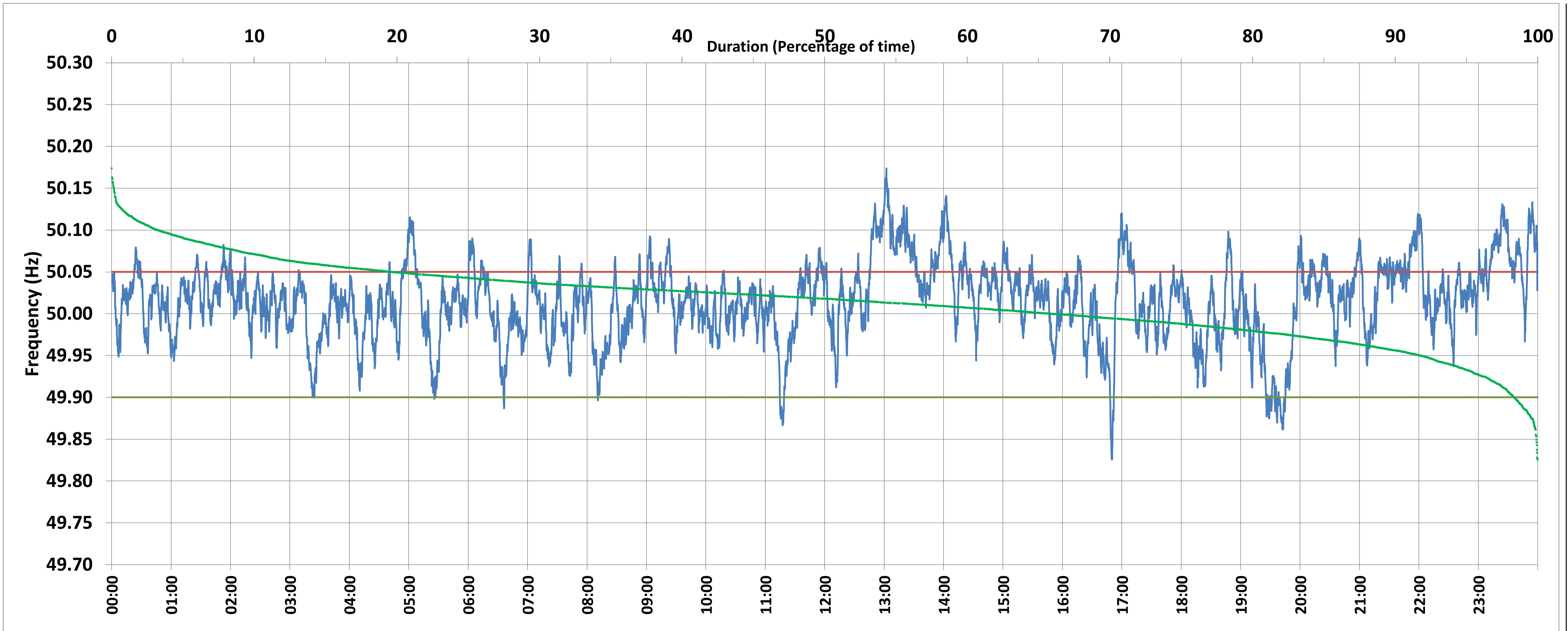


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Jul-2020 (Friday)



<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	1.66	15.28	0.00	1.66	32.34	62.74	3.26	78.66	100.00	48.07	16.54	65.93	36.66	19.69	0.00	8.19	72.12	6.54

Average Frequency : 50.015	Frequency Variation Index : 0.0237	Standard Deviation : 0.0463	Mileage: 44.1	FDI: 21.3
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Instantaneous Frequency		
Max	50.174	13:02:10
Min	49.826	16:50:00

15 minute Average Frequency		
Max	50.110	13:15:00
Min	49.893	19:45:00

No. of excursions	
above 50.03 Hz	233
below 49.97 Hz	94
above 50.00 Hz	196
below 50.00 Hz	197

Average time freq per excursion remains	
below 49.97	0:02:20
above 50.03	0:02:16

No. of hours freq outside 49.9-50.05 Hz	5:07:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)