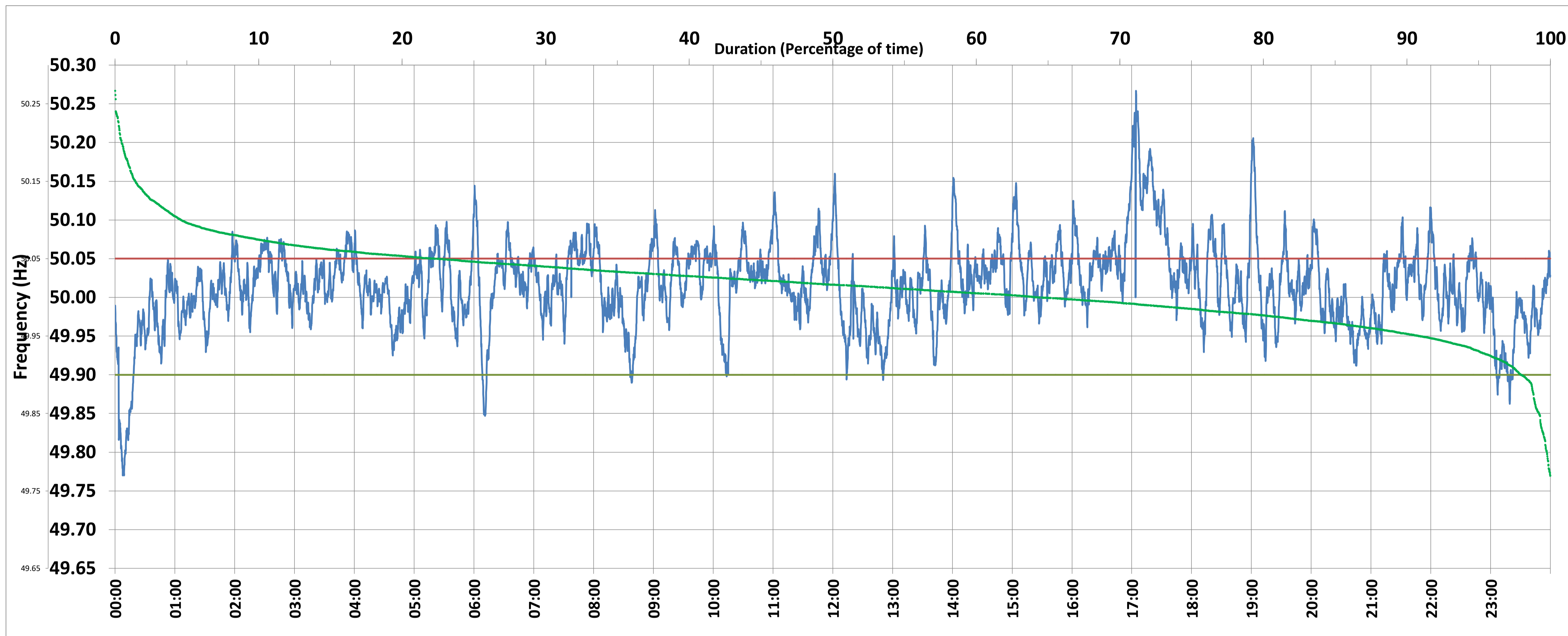


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-May-2020 (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
0.00	2.04	16.70	0.24	1.79	33.40	59.94	4.17	75.53	99.55	45.37	17.91	64.39	37.93	22.43	0.45	9.06	68.51	7.03

Average Frequency : 50.016	Frequency Variation Index : 0.0315	Standard Deviation : 0.0539	Mileage: 43.3	FDI: 24.5
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Instantaneous Frequency		
Max	50.267	17:04:10
Min	49.770	0:08:50

15 minute Average Frequency		
Max	50.175	17:15:00
Min	49.843	0:15:00

No. of excursions	
above 50.03 Hz	180
below 49.97 Hz	97
above 50.00 Hz	162
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:02:29
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	5:52:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)