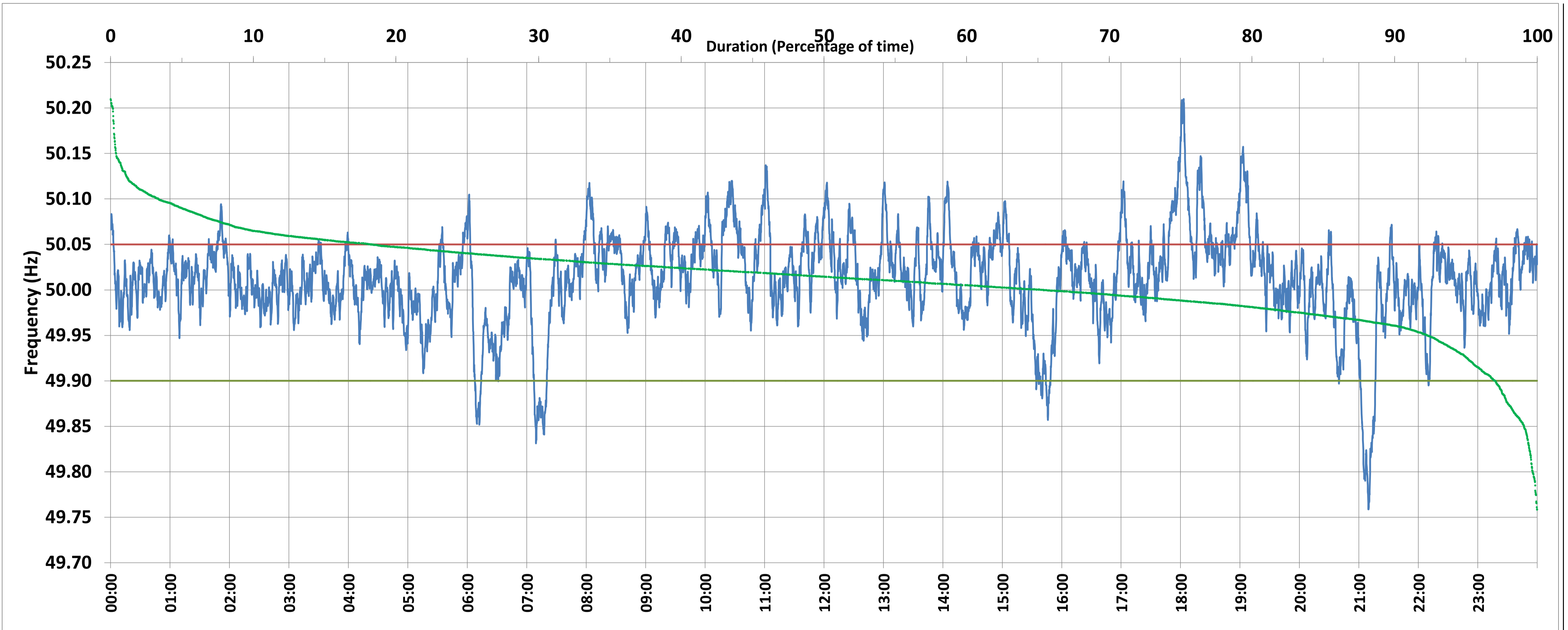


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jun-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	2.93	14.04	0.32	2.60	31.63	62.07	3.22	78.76	99.85	52.12	15.02	65.38	33.84	18.31	0.15	7.67	74.02	4.75

Average Frequency : 50.012	Frequency Variation Index : 0.0265	Standard Deviation : 0.0500	Mileage: 43.0	FDI: 21.2
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Instantaneous Frequency		
Max	50.210	18:03:00
Min	49.759	21:09:30

15 minute Average Frequency		
Max	50.108	18:15:00
Min	49.828	21:15:00

No. of excursions	
above 50.03 Hz	193
below 49.97 Hz	107
above 50.00 Hz	214
below 50.00 Hz	212

Average time freq per excursion remains	
below 49.97	0:01:53
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	5:05:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)