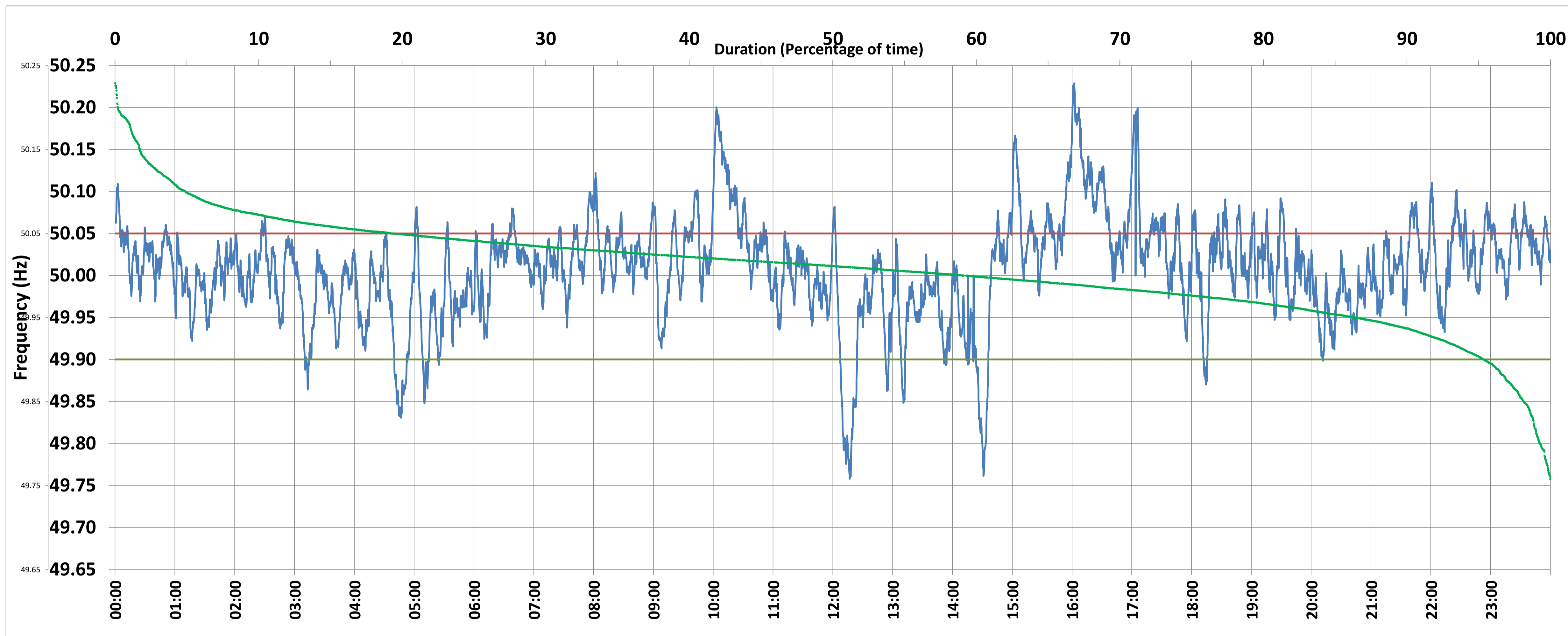


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Apr-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	4.63	21.50	0.72	3.91	36.08	54.40	4.70	75.95	99.80	44.97	14.64	59.10	33.53	19.42	0.20	13.54	67.04	8.91

Average Frequency : 50.007	Frequency Variation Index : 0.0375	Standard Deviation : 0.0610	Mileage: 40.1	FDI: 24.1
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Instantaneous Frequency		
Max	50.229	16:02:10
Min	49.758	12:17:00

15 minute Average Frequency		
Max	50.163	16:15:00
Min	49.867	12:30:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	89
above 50.00 Hz	152
below 50.00 Hz	149

Average time freq per excursion remains	
below 49.97	0:03:29
above 50.03	0:03:11

No. of hours freq outside 49.9-50.05 Hz	5:46:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)