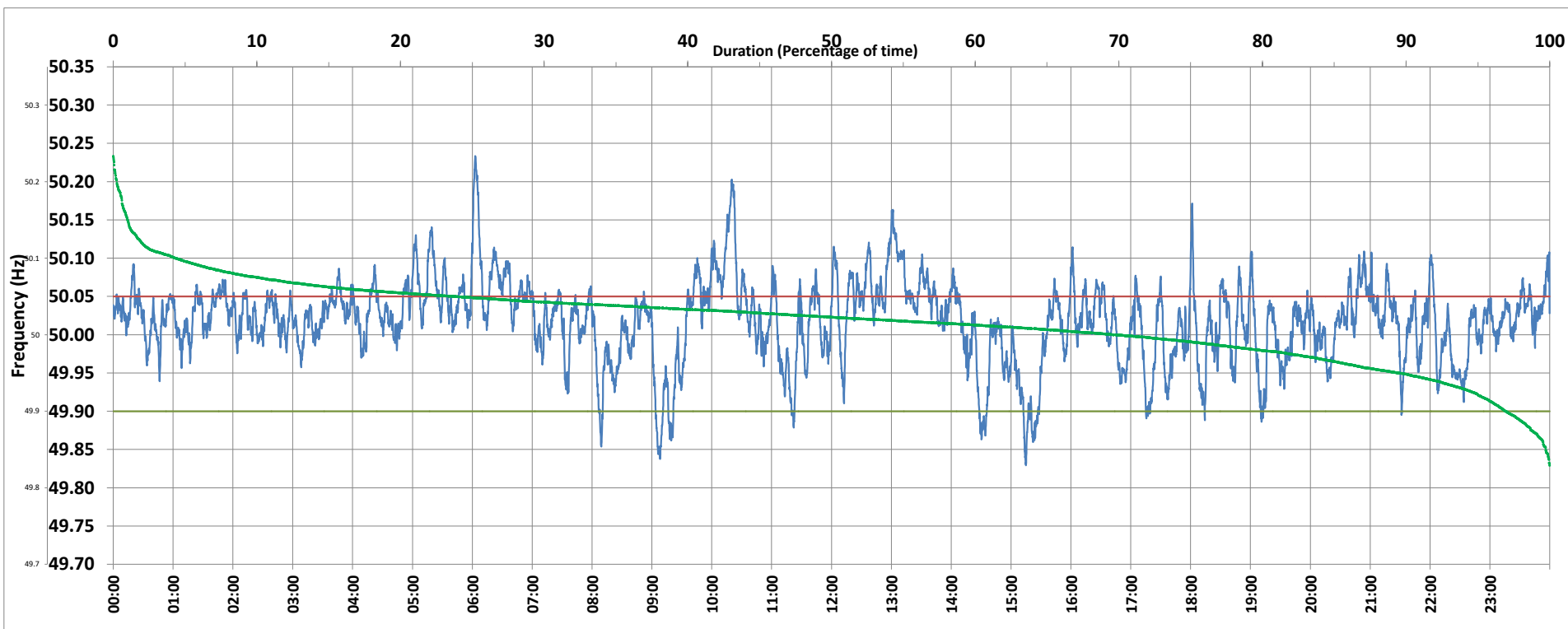


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Apr-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	3.07	16.35	0.00	3.07	27.14	65.43	4.11	73.18	99.75	40.16	19.48	69.62	43.48	23.75	0.25	10.50	65.75	7.43

Average Frequency : 50.018	Frequency Variation Index : 0.0309	Standard Deviation : 0.0527	Mileage: 37.2	FDI: 26.8
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Instantaneous Frequency		
Max	50.233	6:02:50
Min	49.829	15:14:50

15 minute Average Frequency		
Max	50.117	10:30:00
Min	49.890	15:30:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	64
above 50.00 Hz	122
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:03:41
above 50.03	0:03:38

No. of hours freq outside 49.9-50.05 Hz	6:26:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)