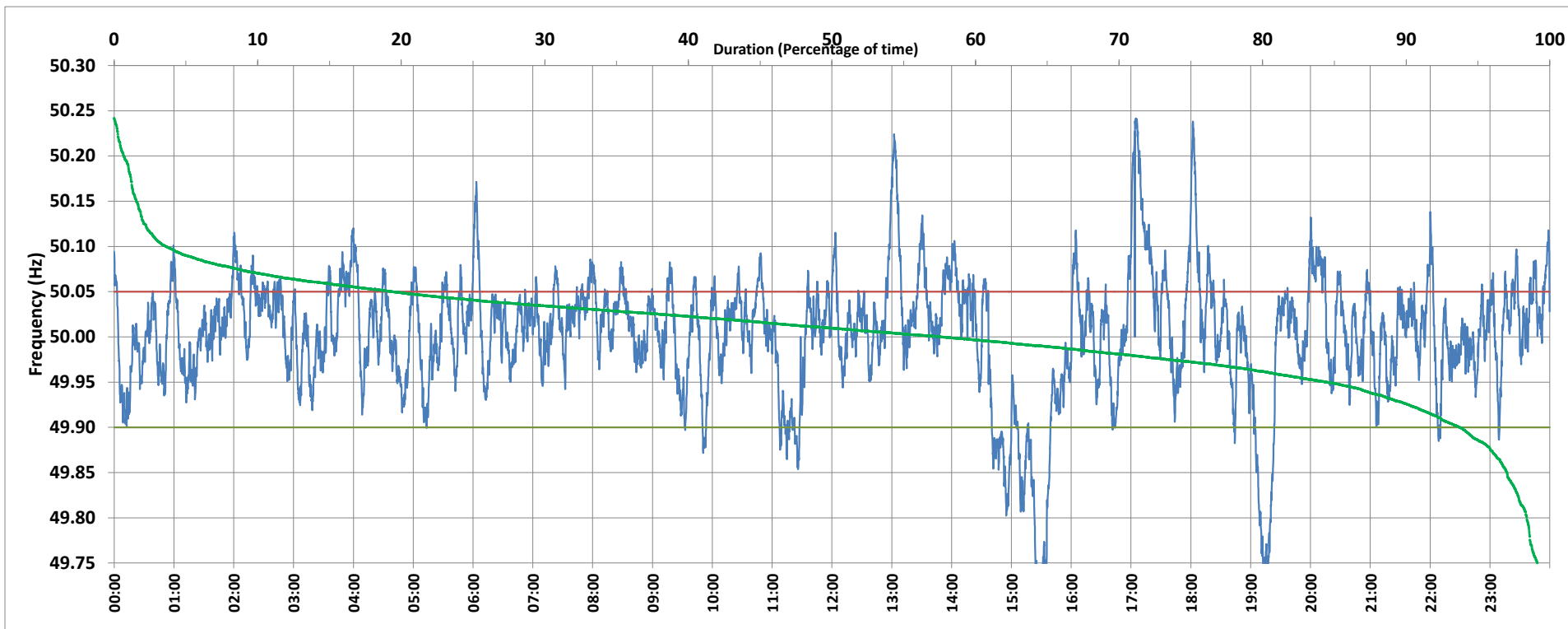


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Mar-2020 (Thursday)



<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
0.09	6.26	23.61	1.50	4.66	36.03	54.11	2.93	74.42	99.24	42.70	15.79	57.57	33.69	19.32	0.67	15.56	65.13	9.29

Average Frequency : 50.003	Frequency Variation Index : 0.0455	Standard Deviation : 0.0675	Mileage: 49.4	FDI: 25.6
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Instantaneous Frequency		
Max	50.242	17:04:40
Min	49.687	15:29:30

15 minute Average Frequency		
Max	50.170	17:15:00
Min	49.804	15:30:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	125
above 50.00 Hz	196
below 50.00 Hz	197

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	6:08:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)