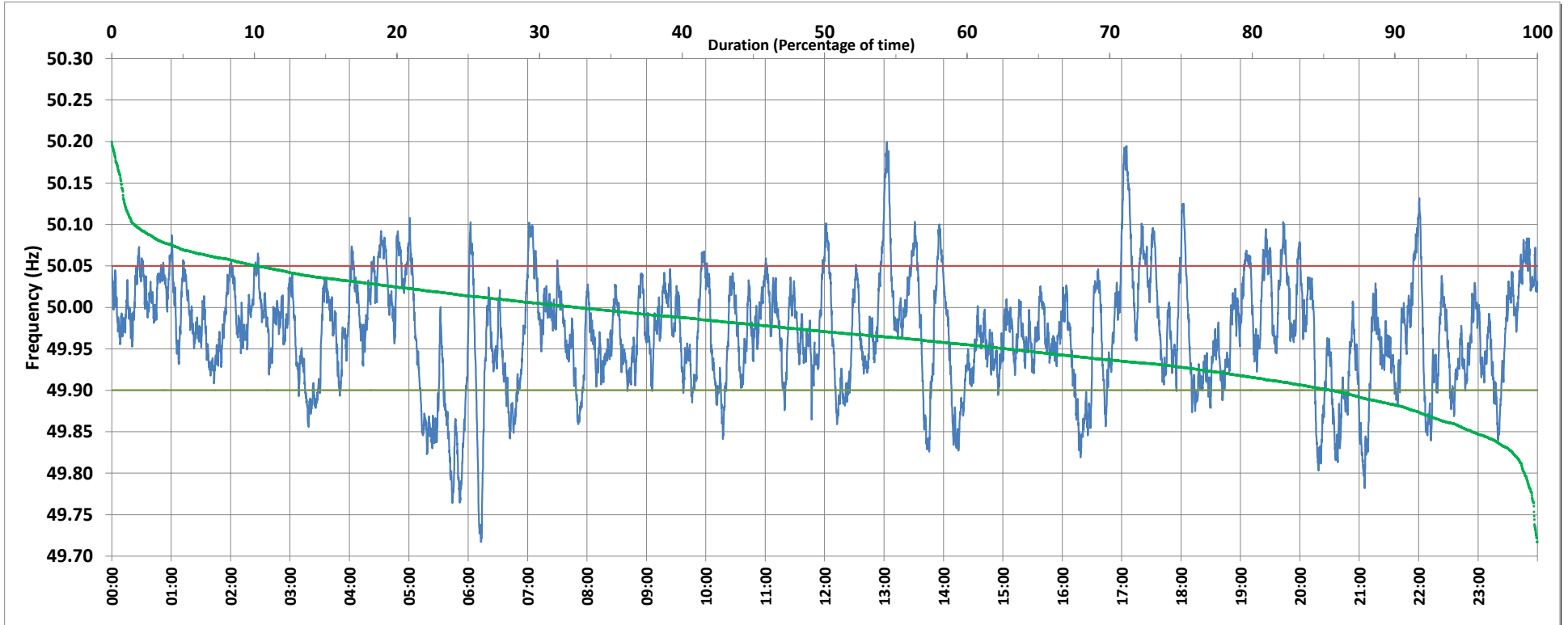


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Mar-2019 (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	14.53	49.35	0.91	13.61	52.77	31.11	1.60	75.32	100.00	33.08	8.56	32.63	17.57	10.15	0.00	37.16	52.69	22.64

Average Frequency : 49.969	Frequency Variation Index : 0.0540	Standard Deviation : 0.0666	Mileage: 48.5	FDI: 24.7
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Instantaneous Frequency		
Max	50.200	13:02:50
Min	49.717	6:13:00

15 minute Average Frequency		
Max	50.098	17:15:00
Min	49.838	6:00:00

No. of excursions	
above 50.03 Hz	105
below 49.97 Hz	147
above 50.00 Hz	142
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:04:50
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	5:55:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)