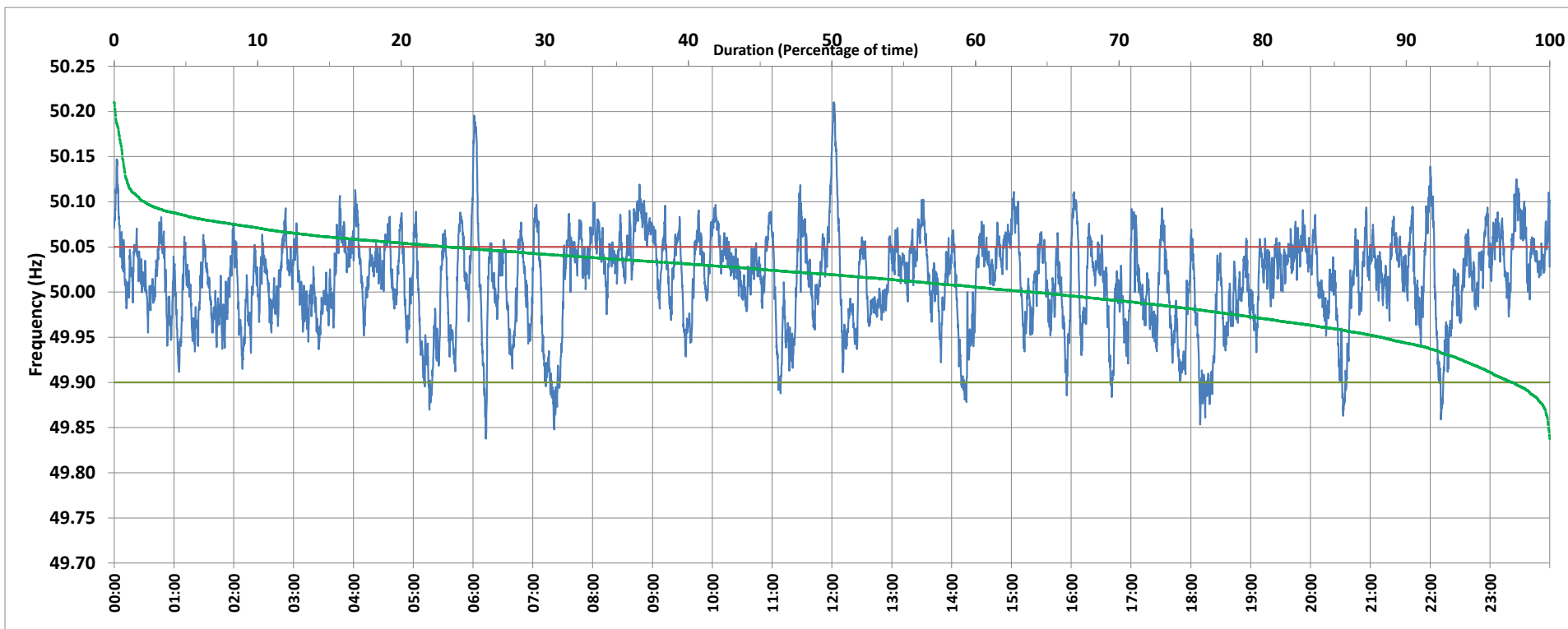


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Jan-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
0.00	2.60	19.57	0.00	2.60	33.41	61.86	2.04	74.18	99.92	39.49	21.13	63.82	40.94	23.22	0.08	11.71	65.07	9.11

Average Frequency : 50.013	Frequency Variation Index : 0.0275	Standard Deviation : 0.0509	Mileage: 52.4	FDI: 25.8
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Instantaneous Frequency		
Max	50.210	12:01:50
Min	49.838	6:12:40

15 minute Average Frequency		
Max	50.080	9:00:00
Min	49.902	7:30:00

No. of excursions	
above 50.03 Hz	236
below 49.97 Hz	120
above 50.00 Hz	175
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:02:21
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	6:11:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)