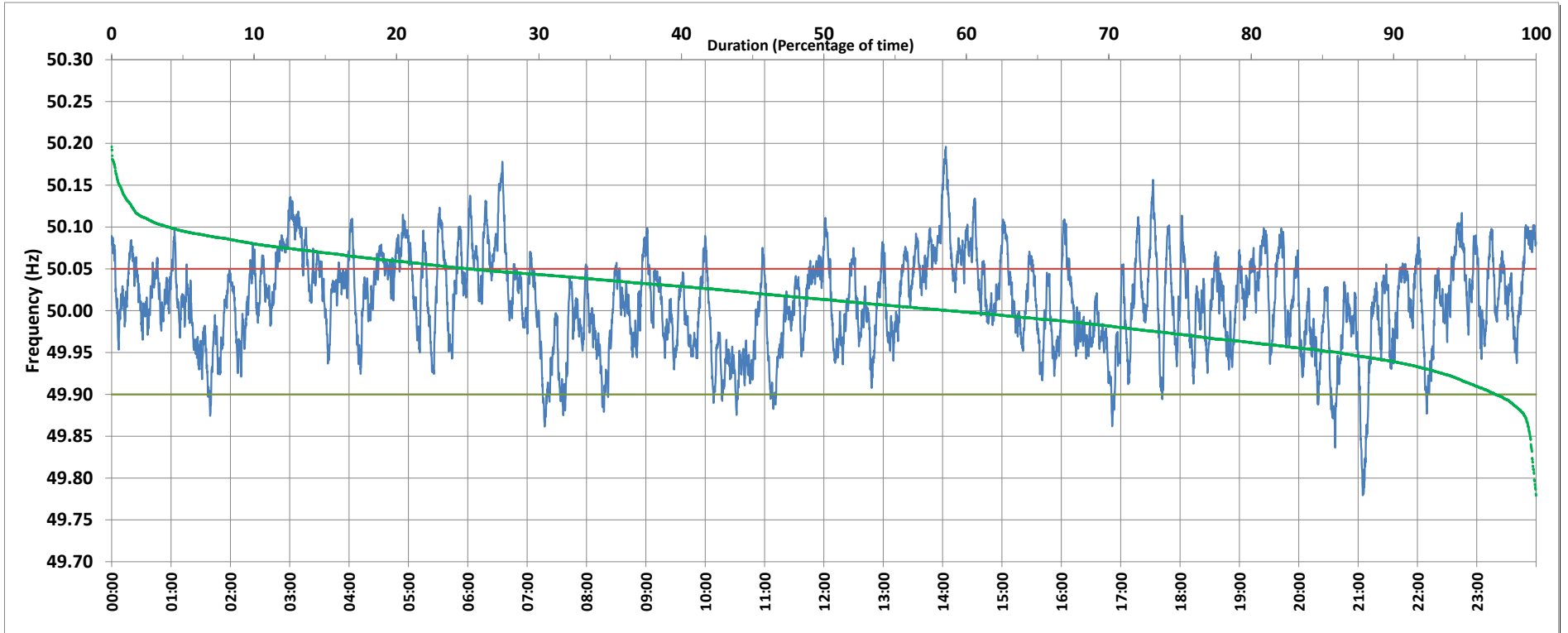


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jan-2019 (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	2.86	24.04	0.14	2.72	38.21	54.87	4.06	72.01	100.00	36.68	21.18	58.88	39.28	25.13	0.00	13.87	61.01	11.01

Average Frequency : 50.011	Frequency Variation Index : 0.0326	Standard Deviation : 0.0561	Mileage: 48.1	FDI: 28.0
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Instantaneous Frequency		
Max	50.196	14:03:10
Min	49.779	21:04:40

15 minute Average Frequency			
Max	50.104	14:15:00	
Min	49.883	21:15:00	

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	123
above 50.00 Hz	159
below 50.00 Hz	159

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:03:15

No. of hours freq outside 49.9-50.05 Hz	6:43:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)