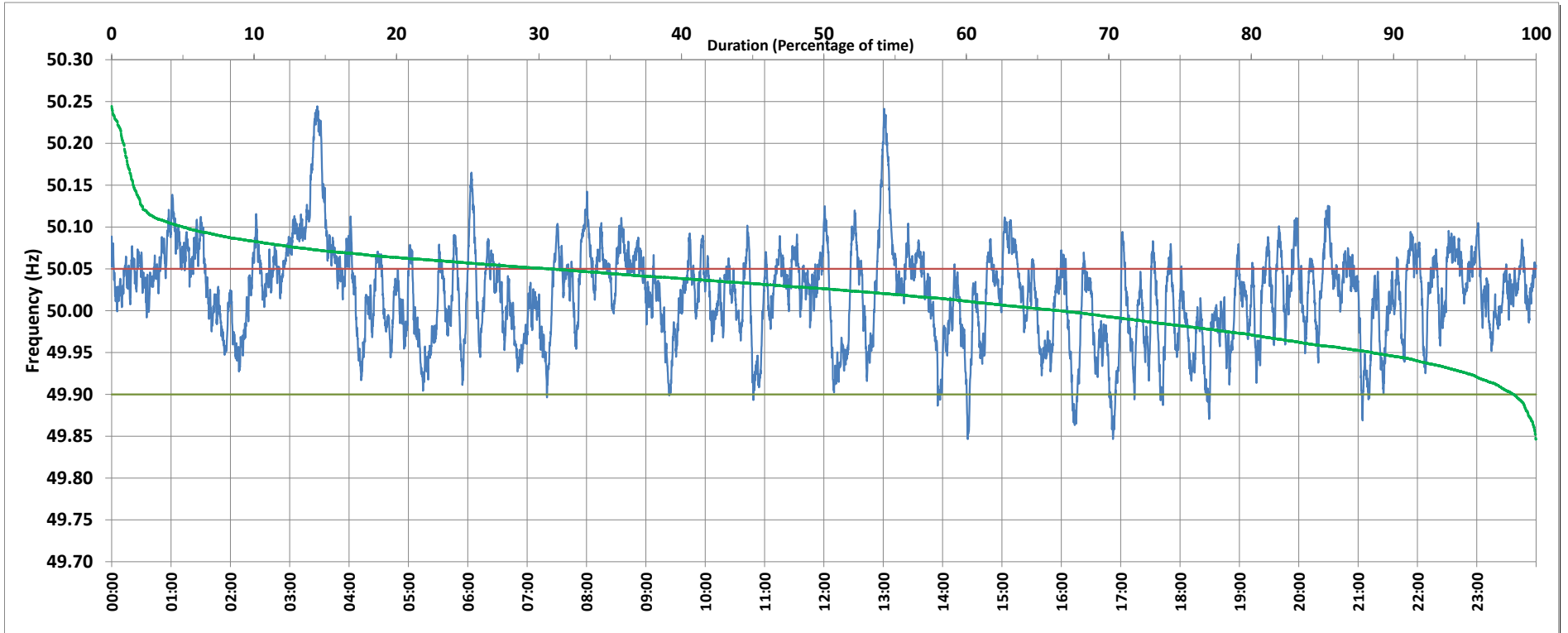


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Feb-2019 (Monday)



<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	1.56	19.51	0.00	1.56	31.77	61.62	4.21	67.58	99.17	33.59	25.89	66.59	46.90	30.86	0.83	11.48	57.66	9.92

Average Frequency : 50.020	Frequency Variation Index : 0.0359	Standard Deviation : 0.0563	Mileage: 47.7	FDI: 32.4
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Instantaneous Frequency		
Max	50.244	3:27:50
Min	49.847	14:25:20

15 minute Average Frequency		
Max	50.170	3:30:00
Min	49.917	17:00:00

No. of excursions	
above 50.03 Hz	197
below 49.97 Hz	92
above 50.00 Hz	143
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:03:03
above 50.03	0:03:26

No. of hours freq outside 49.9-50.05 Hz	7:46:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)