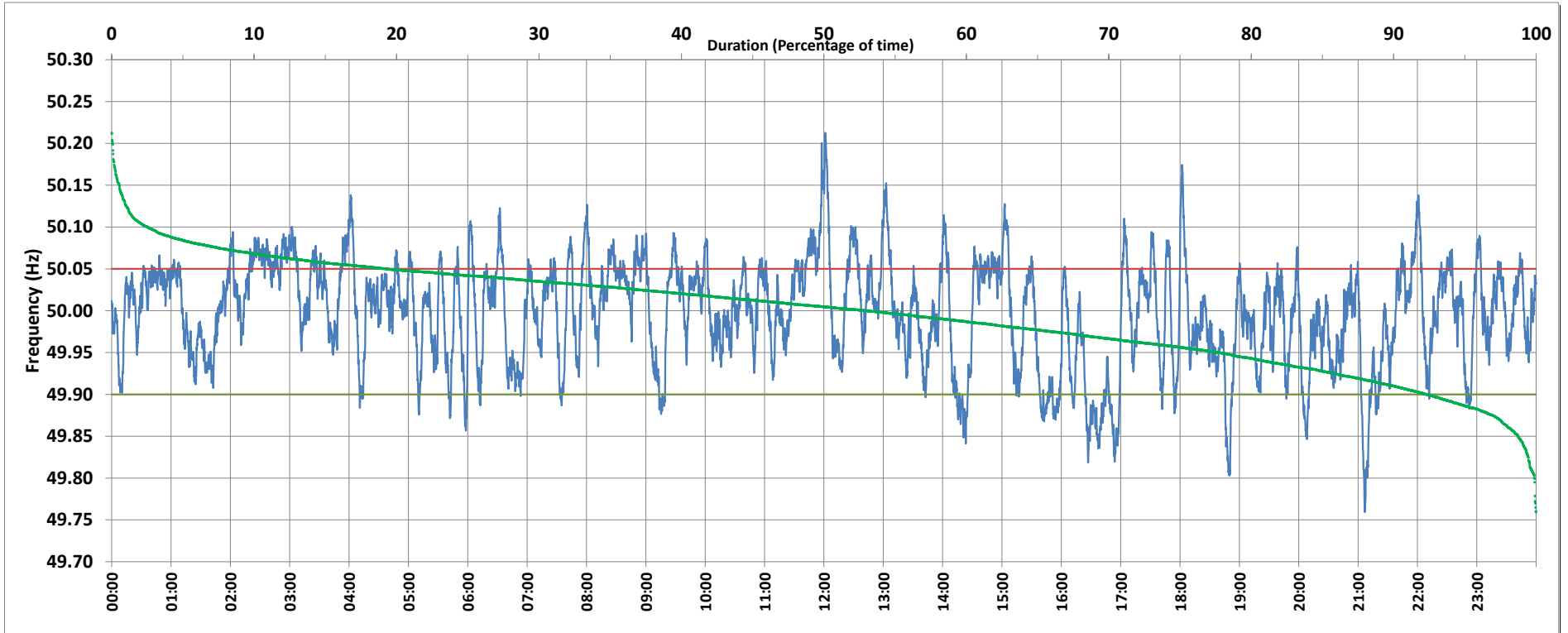


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Feb-2019 (Tuesday)



<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	7.69	31.55	0.12	7.57	39.28	50.51	2.45	72.97	99.93	34.76	16.86	52.92	33.69	19.34	0.07	22.26	58.40	14.57

Average Frequency : 49.997	Frequency Variation Index : 0.0386	Standard Deviation : 0.0620	Mileage: 49.7	FDI: 27.0
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Instantaneous Frequency		
Max	50.213	12:01:10
Min	49.759	21:06:50

15 minute Average Frequency		
Max	50.093	12:00:00
Min	49.870	16:45:00

No. of excursions	
above 50.03 Hz	159
below 49.97 Hz	129
above 50.00 Hz	158
below 50.00 Hz	157

Average time freq per excursion remains	
below 49.97	0:03:31
above 50.03	0:03:03

No. of hours freq outside 49.9-50.05 Hz	6:29:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)