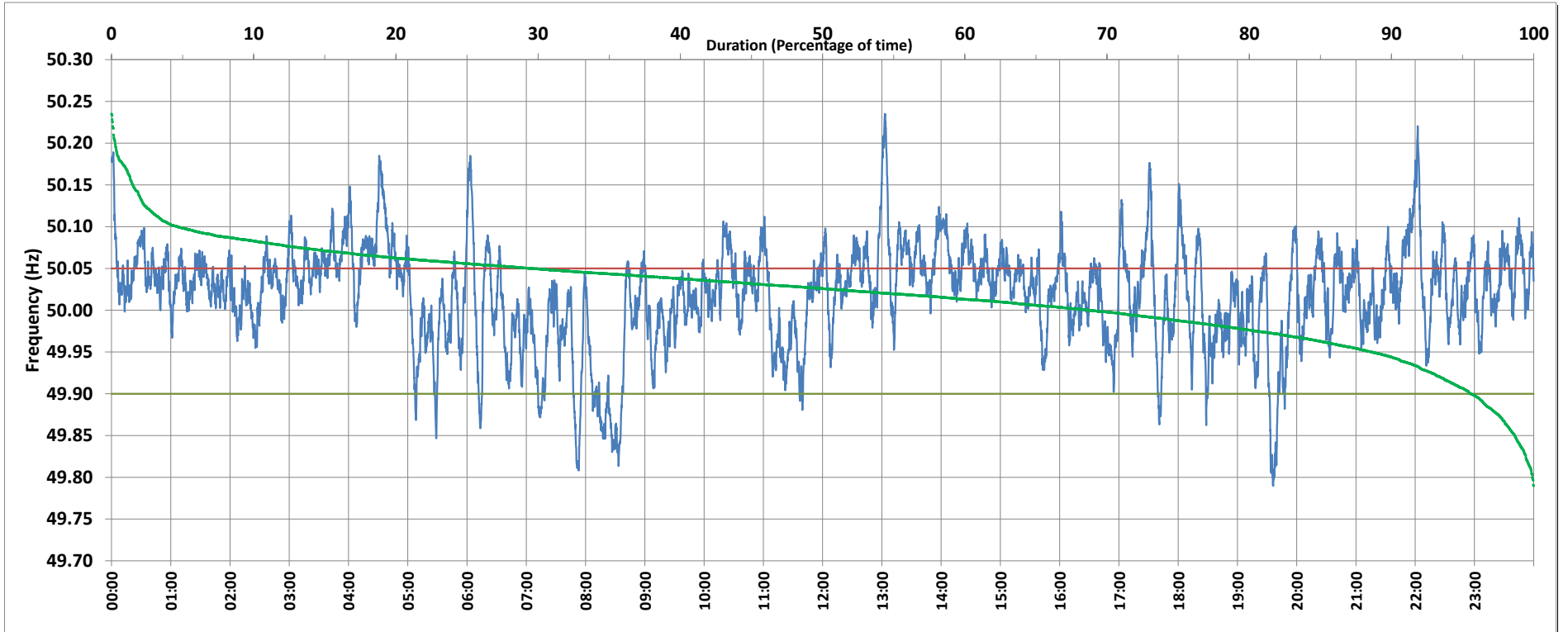


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Feb-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	4.41	17.48	0.09	4.32	26.82	64.09	4.43	66.09	99.75	36.03	24.93	68.74	46.49	29.50	0.25	11.38	59.12	6.97

Average Frequency : 50.019	Frequency Variation Index : 0.0391	Standard Deviation : 0.0597	Mileage: 50.8	FDI: 33.9
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Instantaneous Frequency		
Max	50.235	13:03:00
Min	49.790	19:36:10

15 minute Average Frequency		
Max	50.115	4:45:00
Min	49.863	8:30:00

No. of excursions	
above 50.03 Hz	211
below 49.97 Hz	98
above 50.00 Hz	150
below 50.00 Hz	151

Average time freq per excursion remains	
below 49.97	0:02:34
above 50.03	0:03:10

No. of hours freq outside 49.9-50.05 Hz	8:08:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)