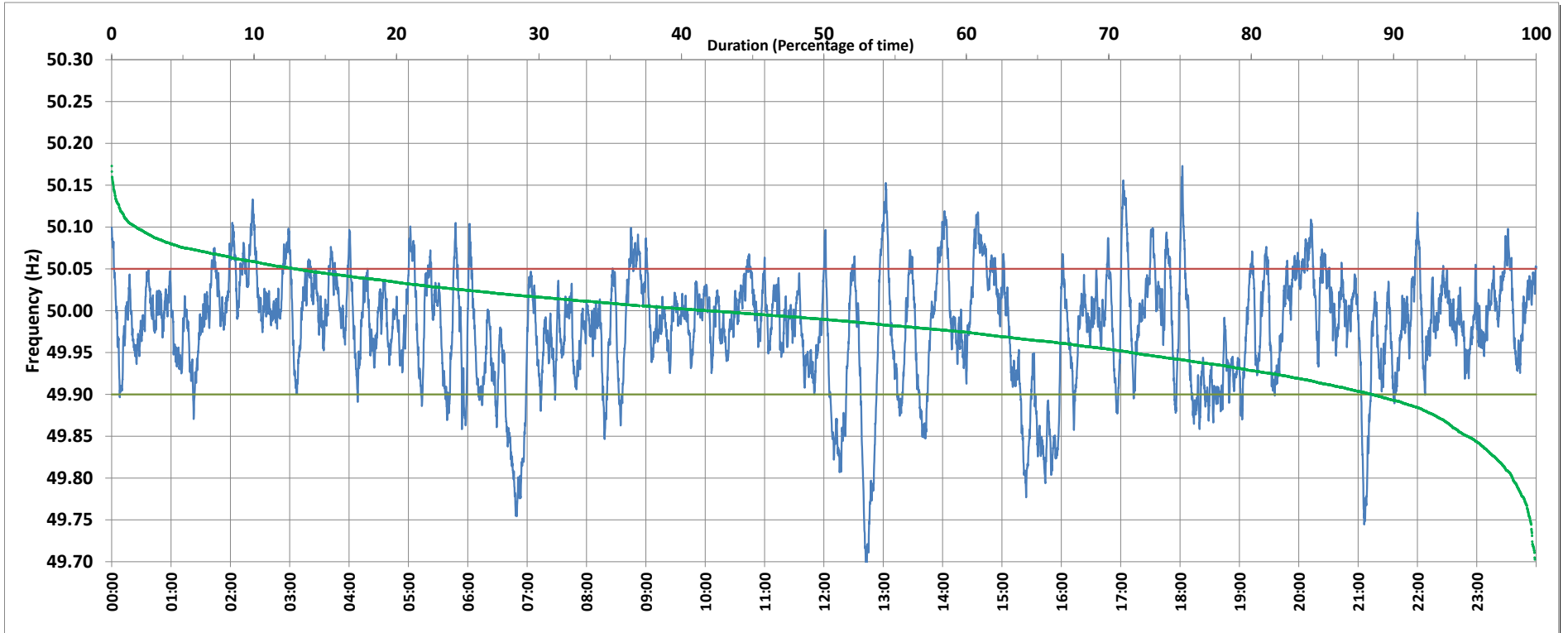


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-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
0.08	11.50	37.96	1.56	9.86	46.47	40.31	1.71	75.58	99.92	40.06	11.23	41.93	21.98	12.92	0.00	28.33	58.75	16.83

Average Frequency : 49.980	Frequency Variation Index : 0.0497	Standard Deviation : 0.0676	Mileage: 48.7	FDI: 24.4
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Instantaneous Frequency		
Max	50.173	18:02:20
Min	49.682	12:42:50

15 minute Average Frequency		
Max	50.078	14:45:00
Min	49.813	7:00:00

No. of excursions	
above 50.03 Hz	118
below 49.97 Hz	125
above 50.00 Hz	209
below 50.00 Hz	207

Average time freq per excursion remains	
below 49.97	0:04:22
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	5:51:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)