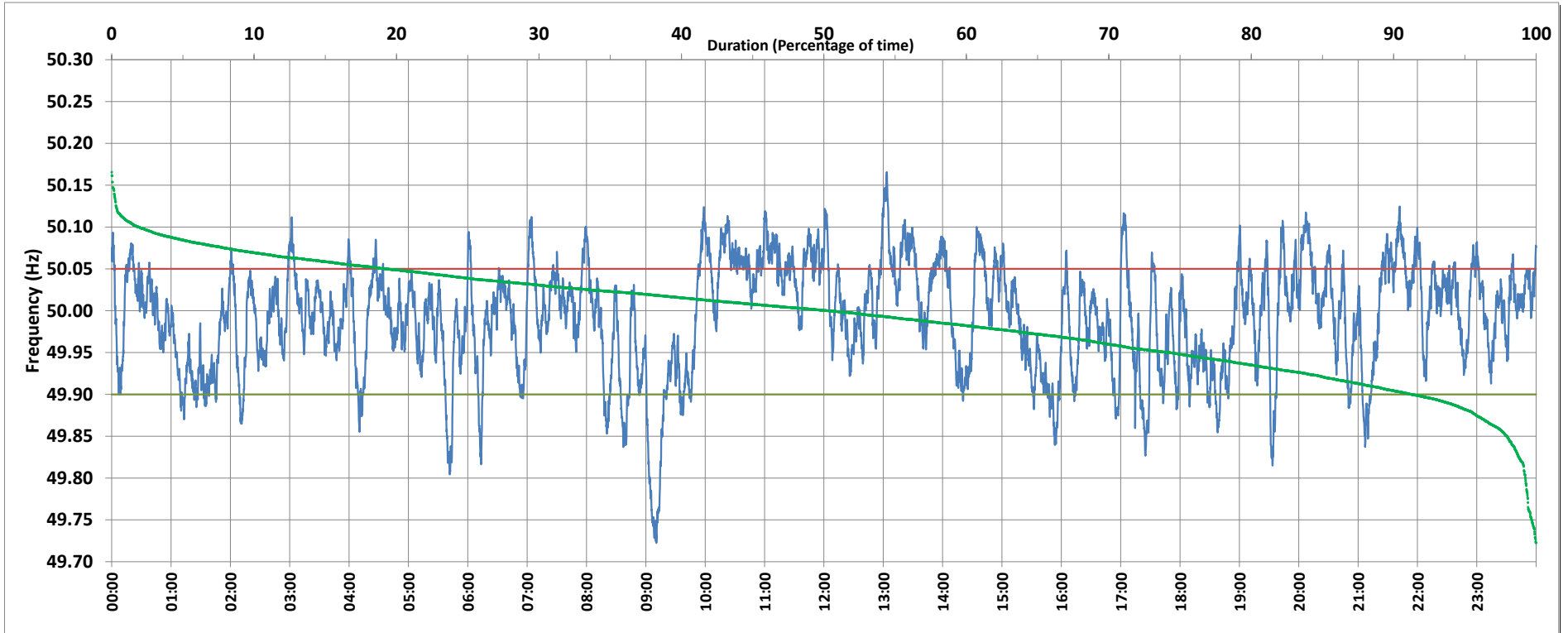


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Jan-2019 (Thursday)



<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	8.73	33.91	0.75	7.97	40.88	48.45	1.94	72.05	100.00	35.72	17.38	50.29	30.37	19.22	0.00	25.71	55.07	16.98

Average Frequency : 49.992	Frequency Variation Index : 0.0428	Standard Deviation : 0.0649	Mileage: 49.3	FDI: 28.0
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Instantaneous Frequency		
Max	50.166	13:03:30
Min	49.723	9:10:30

15 minute Average Frequency		
Max	50.081	10:30:00
Min	49.783	9:15:00

No. of excursions	
above 50.03 Hz	156
below 49.97 Hz	115
above 50.00 Hz	151
below 50.00 Hz	151

Average time freq per excursion remains	
below 49.97	0:04:15
above 50.03	0:02:48

No. of hours freq outside 49.9-50.05 Hz	6:42:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)