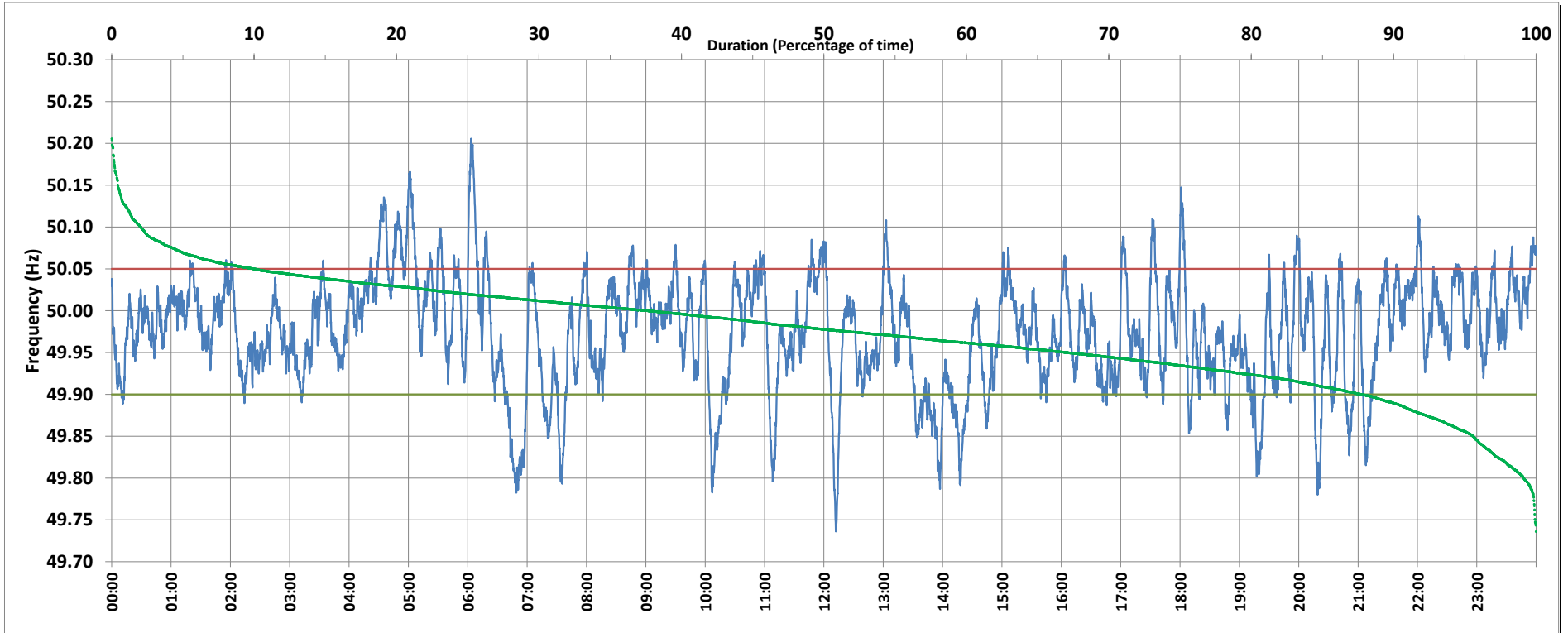


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-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	12.27	44.93	0.88	11.39	50.07	35.59	2.05	77.73	99.98	35.57	7.97	37.59	19.50	10.00	0.02	32.87	57.13	20.60

Average Frequency : 49.974	Frequency Variation Index : 0.0498	Standard Deviation : 0.0658	Mileage: 48.0	FDI: 22.3
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Instantaneous Frequency		
Max	50.206	6:03:10
Min	49.736	12:12:00

15 minute Average Frequency		
Max	50.090	6:15:00
Min	49.824	7:00:00

No. of excursions	
above 50.03 Hz	132
below 49.97 Hz	138
above 50.00 Hz	160
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:04:41
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	5:20:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)