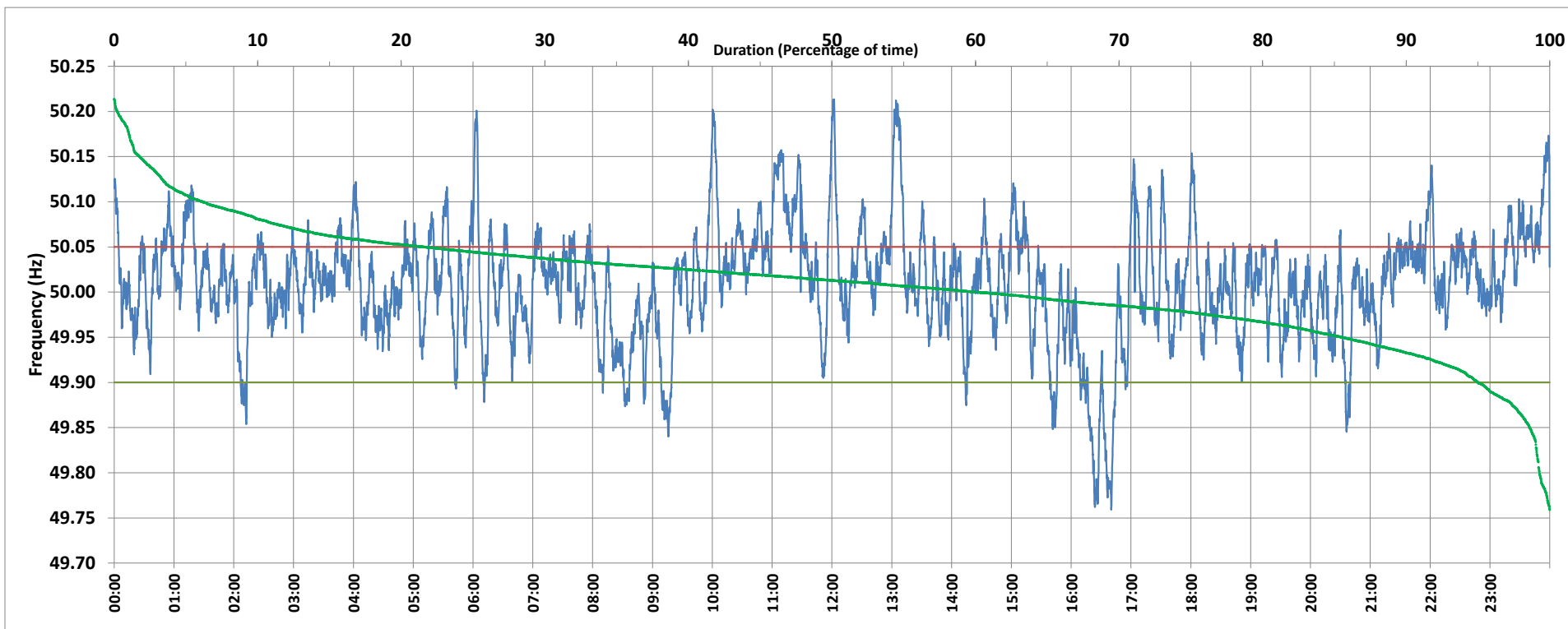


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Jan-2020 (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	4.98	21.40	0.72	4.26	34.87	53.97	5.96	73.52	99.78	43.22	15.42	59.94	35.38	21.50	0.22	14.48	64.02	9.50

Average Frequency : 50.009	Frequency Variation Index : 0.0399	Standard Deviation : 0.0625	Mileage: 51.3	FDI: 26.5
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Instantaneous Frequency		
Max	50.214	12:02:10
Min	49.759	16:40:00

15 minute Average Frequency		
Max	50.131	13:15:00
Min	49.833	16:30:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	114
above 50.00 Hz	181
below 50.00 Hz	178

Average time freq per excursion remains	
below 49.97	0:02:42
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	6:21:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)