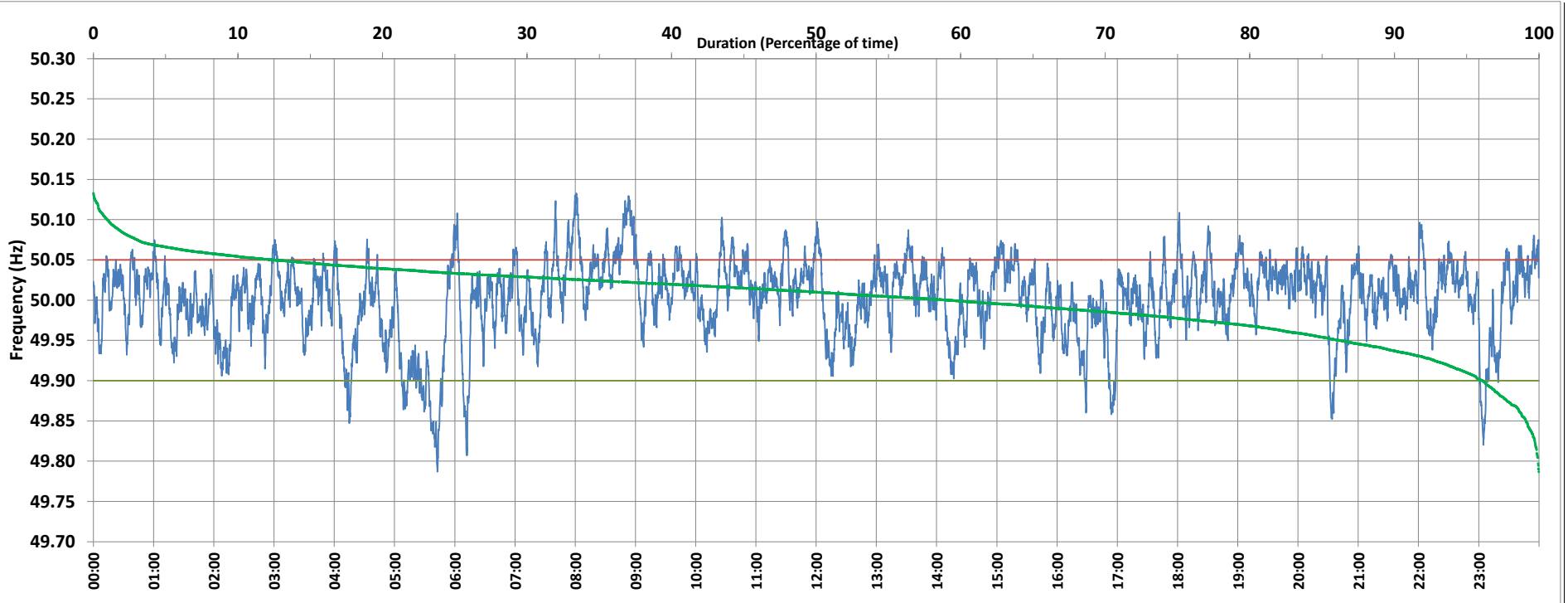


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Oct-2020 (Saturday)



<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	3.89	20.82	0.06	3.83	36.93	58.21	0.97	83.65	100.00	50.73	11.53	59.11	28.45	12.47	0.00	13.78	73.75	9.90

Average Frequency : 50.002	Frequency Variation Index : 0.0235	Standard Deviation : 0.0484	Mileage: 50.5	FDI: 16.4
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Instantaneous Frequency		
Max	50.133	8:01:00
Min	49.787	5:42:40

15 minute Average Frequency		
Max	50.094	9:00:00
Min	49.857	5:45:00

No. of excursions	
above 50.03 Hz	259
below 49.97 Hz	127
above 50.00 Hz	217
below 50.00 Hz	217

Average time freq per excursion remains	
below 49.97	0:02:22
above 50.03	0:01:35

No. of hours freq outside 49.9-50.05 Hz	3:55:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)