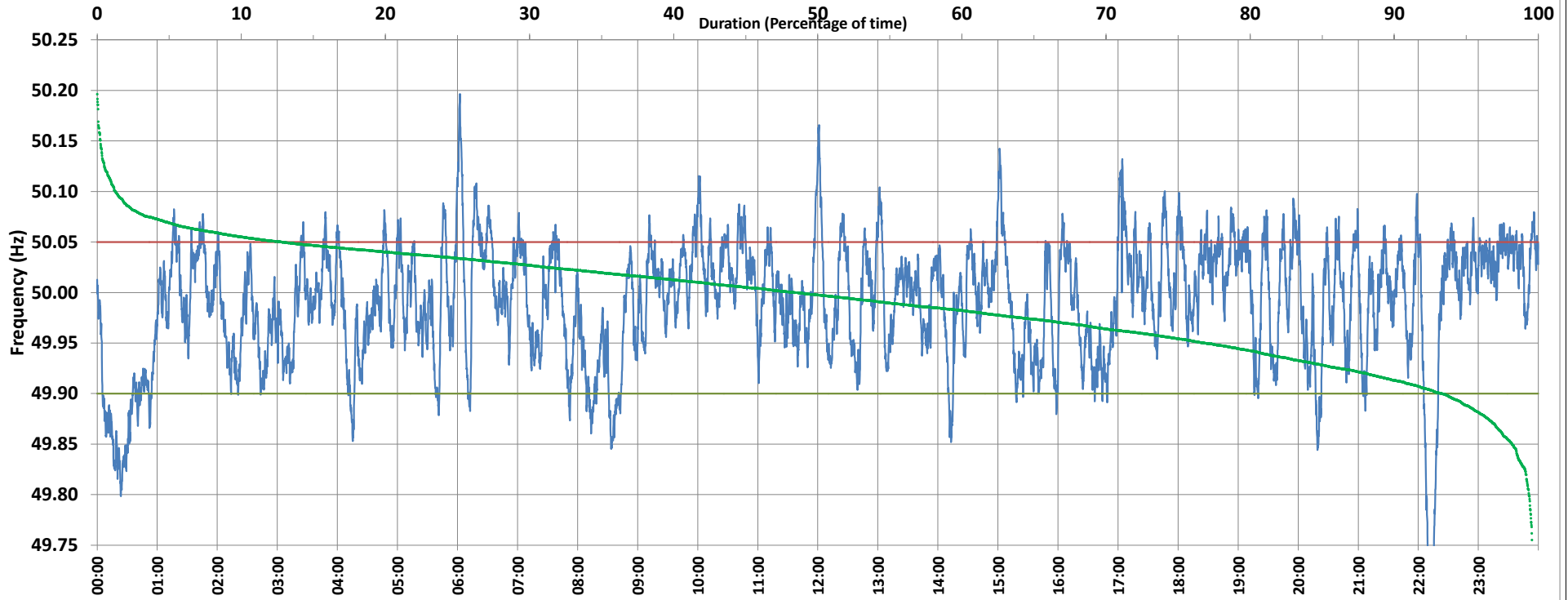


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Dec-2019 (Tuesday)



<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
0.07	6.69	33.00	0.59	6.03	44.70	47.35	1.26	80.49	99.93	39.12	11.63	48.40	27.88	12.82	0.00	23.08	64.10	16.39

Average Frequency : 49.990	Frequency Variation Index : 0.0365	Standard Deviation : 0.0596	Mileage: 50.6	FDI: 19.5
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Instantaneous Frequency		
Max	50.196	6:02:20
Min	49.672	22:12:30

15 minute Average Frequency		
Max	50.060	6:30:00
Min	49.833	0:30:00

No. of excursions	
above 50.03 Hz	180
below 49.97 Hz	136
above 50.00 Hz	164
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:03:30
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	4:41:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)