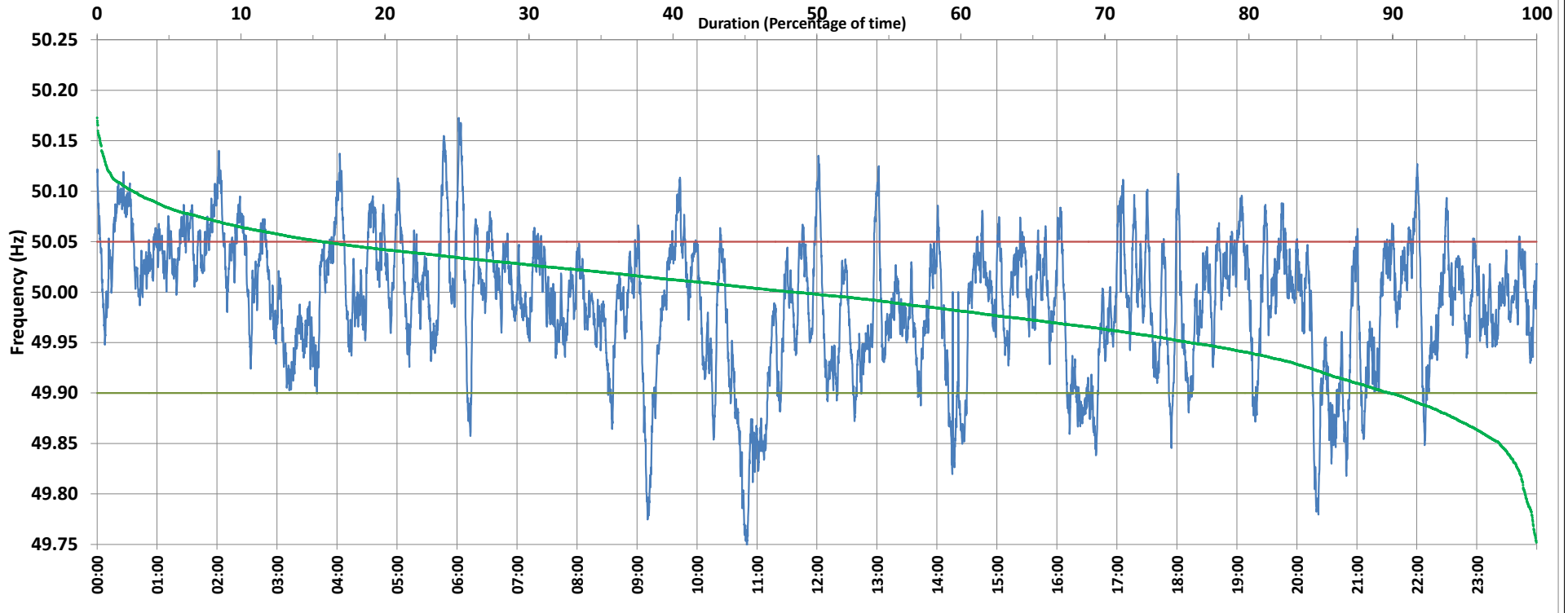


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Dec-2019 (Monday)



<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	10.22	33.69	0.82	9.40	41.20	46.06	2.51	74.13	100.00	38.38	13.17	48.37	27.93	15.65	0.00	24.02	60.34	13.80

Average Frequency : 49.990	Frequency Variation Index : 0.0428	Standard Deviation : 0.0646	Mileage: 52.3	FDI: 25.9
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Instantaneous Frequency		
Max	50.173	6:01:40
Min	49.746	10:50:00

15 minute Average Frequency		
Max	50.083	0:30:00
Min	49.815	11:00:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	143
above 50.00 Hz	175
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:24
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	6:12:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)