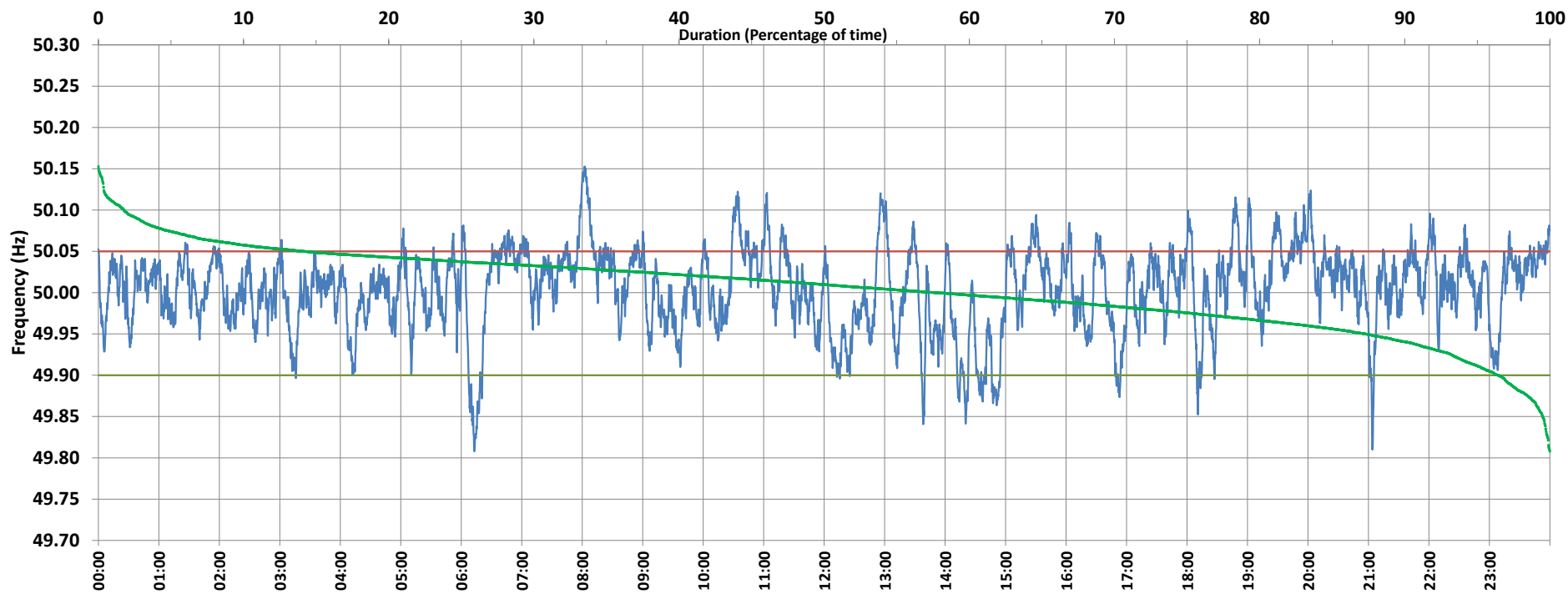


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Apr-2021 (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
0.00	3.59	21.97	0.00	3.59	38.73	55.94	1.75	82.26	100.00	45.29	12.41	57.69	32.74	14.16	0.00	12.72	73.13	9.13

Average Frequency : 50.004	Frequency Variation Index : 0.0244	Standard Deviation : 0.0493	Mileage: 43.3	FDI: 17.7
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Instantaneous Frequency		
Max	50.153	8:02:20
Min	49.808	6:12:50

15 minute Average Frequency		
Max	50.092	8:15:00
Min	49.911	14:45:00

No. of excursions	
above 50.03 Hz	198
below 49.97 Hz	119
above 50.00 Hz	189
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:02:39
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	4:15:30
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Source : AGRA 10 Sec. (8640 samples)