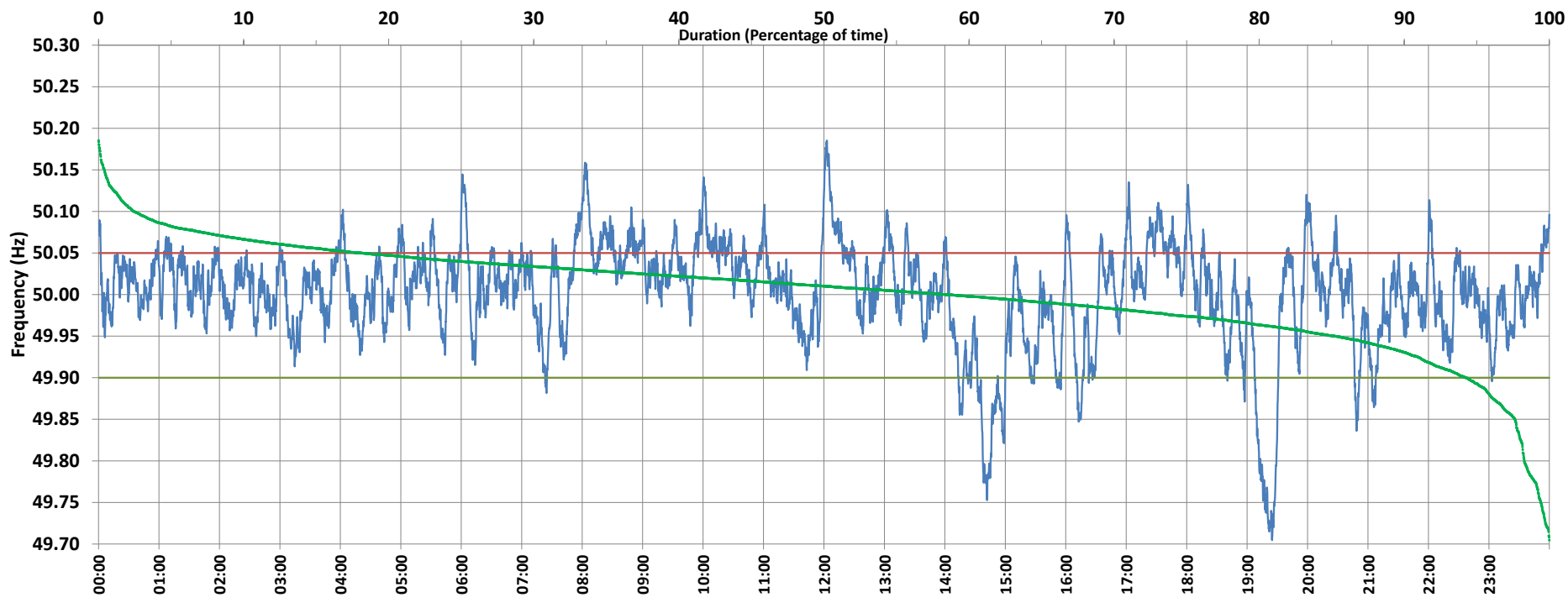


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Apr-2021 (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	5.72	22.73	1.72	3.99	35.82	56.04	2.42	76.18	100.00	44.12	15.68	58.46	33.15	18.10	0.00	14.78	67.12	9.06

Average Frequency : 50.002	Frequency Variation Index : 0.0382	Standard Deviation : 0.0618	Mileage: 43.8	FDI: 23.8
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Instantaneous Frequency		
Max	50.185	12:02:50
Min	49.705	19:24:40

15 minute Average Frequency		
Max	50.117	12:15:00
Min	49.750	19:30:00

No. of excursions	
above 50.03 Hz	186
below 49.97 Hz	110
above 50.00 Hz	180
below 50.00 Hz	179

Average time freq per excursion remains	
below 49.97	0:02:59
above 50.03	0:02:34

No. of hours freq outside 49.9-50.05 Hz	5:43:00
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Source : AGRA 10 Sec. (8640 samples)