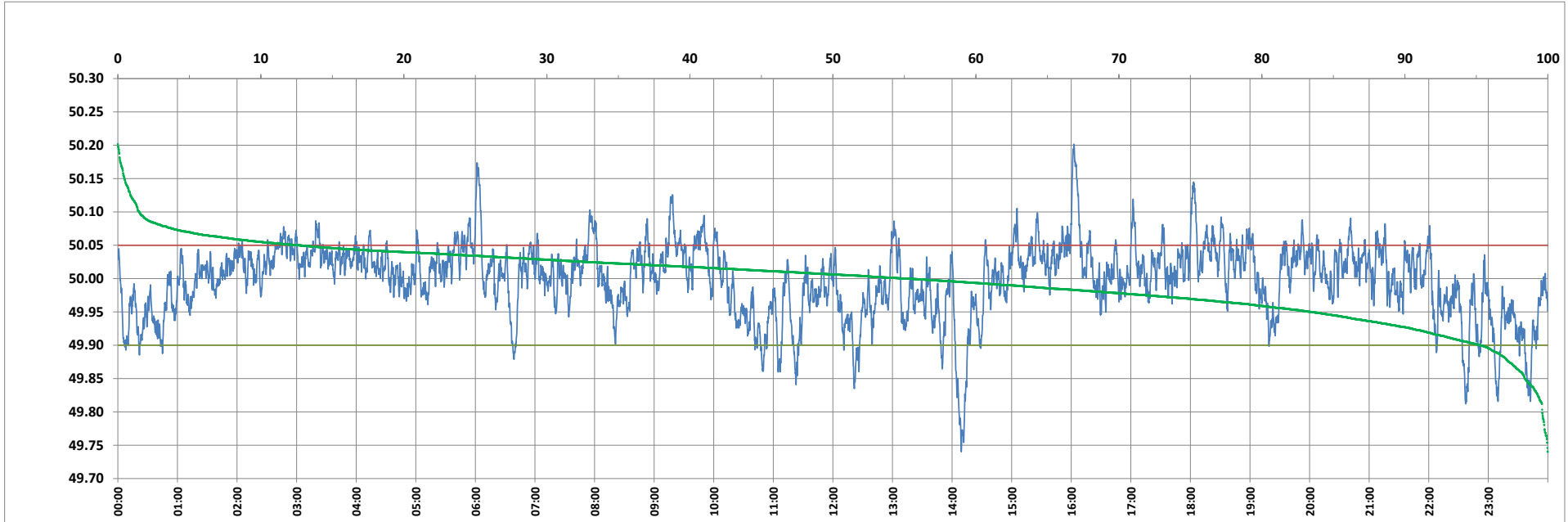


GRID CONTROLLER OF INDIA LIMITED
 NATIONAL LOAD DESPATCH CENTRE, NEW DELHI
 Frequency profile for 20-Aug-2023 (Sunday)



<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	4.75	25.20	0.39	4.35	40.13	53.62	1.49	82.64	99.99	46.18	11.12	55.13	28.62	12.62	0.01	16.57	70.81	11.83

Average Frequency : 49.998	Frequency Variation Index : 0.0292	Standard Deviation : 0.0542	Mileage: 44.2	FDI: 17.4
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Instantaneous Frequency		
Max	50.202	16:02:40
Min	49.740	14:09:10

15 minute Average Frequency		
Max	50.095	16:15:00
Min	49.842	14:15:00

No. of excursions	
above 50.03 Hz	206
below 49.97 Hz	122
above 50.00 Hz	181
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:02:58
above 50.03	0:02:00

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