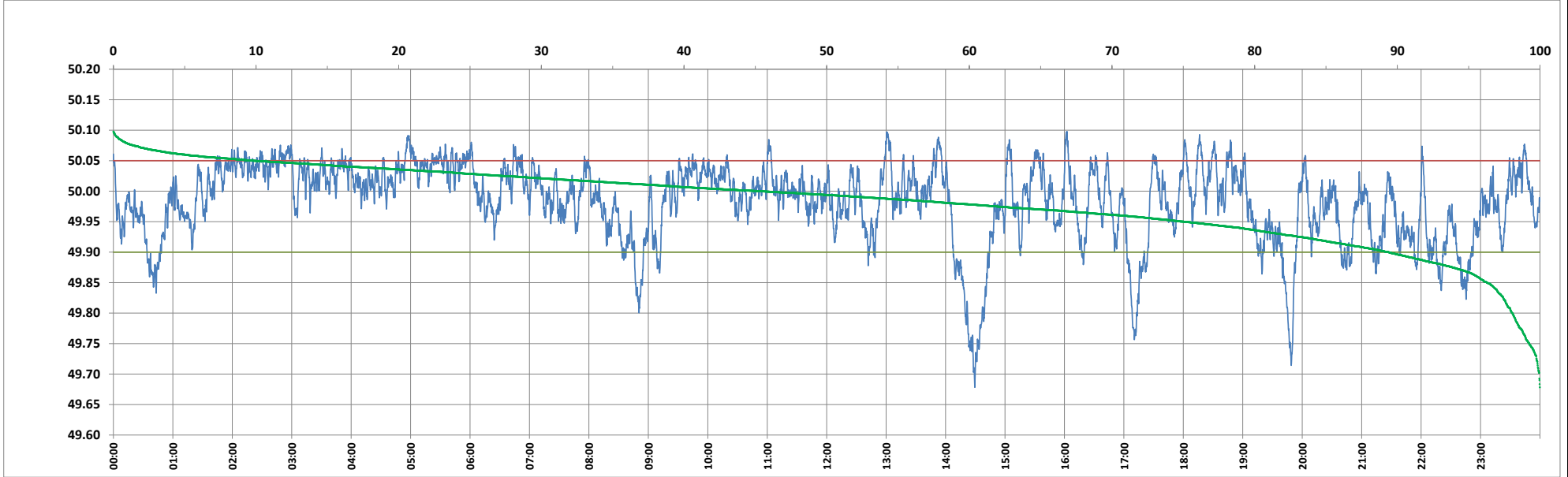


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jul-2024 (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
0.05	10.61	34.98	1.89	8.68	44.03	45.36	0.00	79.54	99.95	40.90	9.85	45.36	24.12	9.85	0.00	24.97	65.19	14.35

Average Frequency : 49.982	Frequency Variation Index : 0.0438	Standard Deviation : 0.0637	Mileage: 44.8	FDI: 20.5
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Instantaneous Frequency		
Max	50.098	16:02:30
Min	49.678	14:29:30

15 minute Average Frequency		
Max	50.057	3:00:00
Min	49.784	14:30:00

No. of excursions	
above 50.03 Hz	150
below 49.97 Hz	144
above 50.00 Hz	173
below 50.00 Hz	172

Average time freq per excursion remains	
below 49.97	0:03:30
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	4:54:40
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Source : AGRA 10 Sec. (8640 samples)