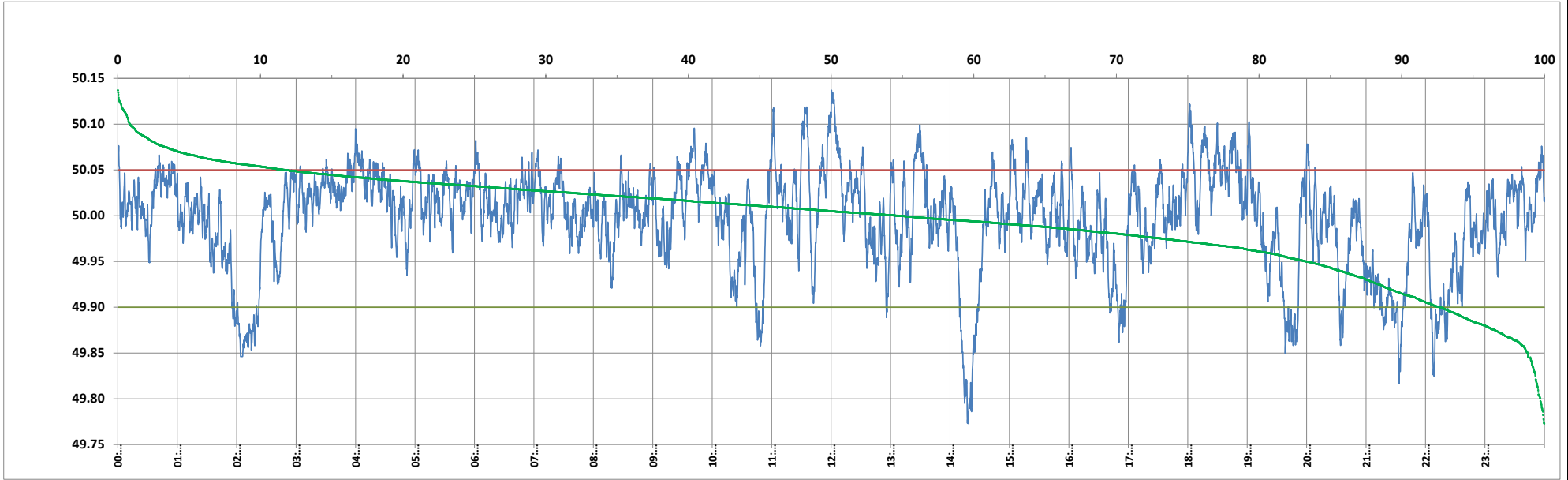


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Jul-2024 (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	7.31	24.04	0.28	7.04	37.99	53.84	0.86	80.94	100.00	48.82	10.89	54.70	27.14	11.75	0.00	16.67	71.59	9.35

Average Frequency : 49.996	Frequency Variation Index : 0.0292	Standard Deviation : 0.0539	Mileage: 44.1	FDI: 19.1
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Instantaneous Frequency		
Max	50.137	12:00:20
Min	49.773	14:18:10

15 minute Average Frequency		
Max	50.066	12:15:00
Min	49.838	14:30:00

No. of excursions	
above 50.03 Hz	196
below 49.97 Hz	121
above 50.00 Hz	214
below 50.00 Hz	213

Average time freq per excursion remains	
below 49.97	0:02:52
above 50.03	0:02:00

No. of hours freq outside 49.9-50.05 Hz	4:34:30
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Source : AGRA 10 Sec. (8640 samples)