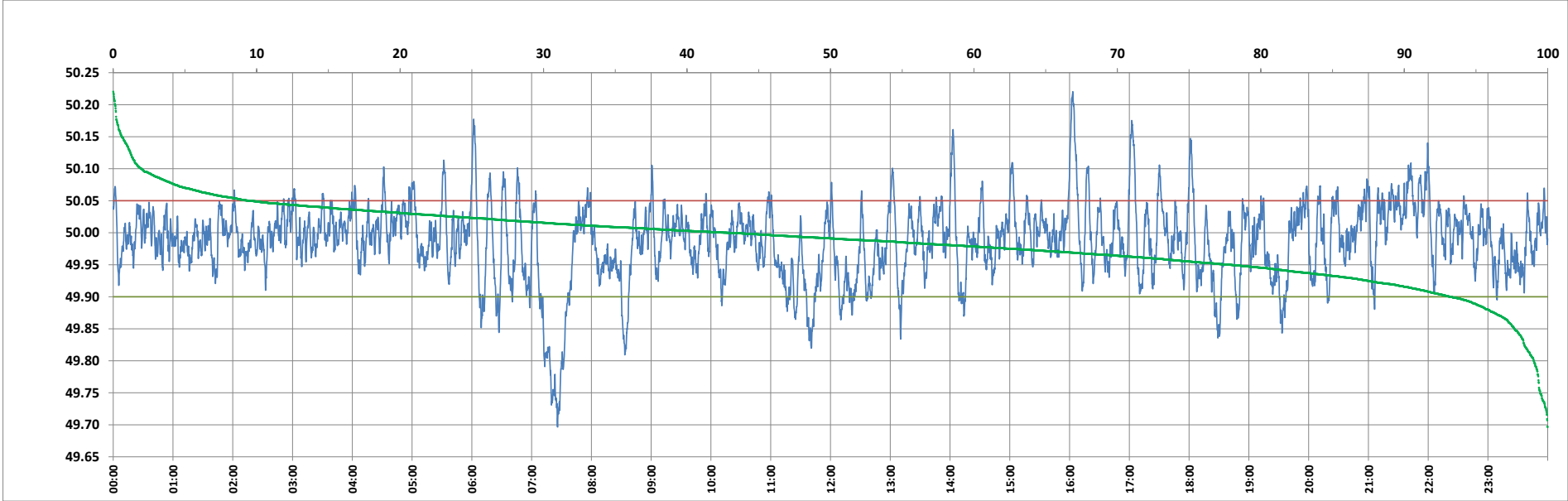


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jan-2024 (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
0.02	6.77	33.76	0.93	5.82	50.35	40.90	1.84	83.70	99.84	45.72	7.55	42.88	20.52	9.53	0.14	22.13	68.34	15.36

Average Frequency : 49.987	Frequency Variation Index : 0.0366	Standard Deviation : 0.0592	Mileage: 49.4	FDI: 16.3
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Instantaneous Frequency		
Max	50.220	16:03:10
Min	49.697	7:26:00

15 minute Average Frequency			
Max	50.067	16:15:00	
Min	49.762	7:30:00	

No. of excursions	
above 50.03 Hz	157
below 49.97 Hz	166
above 50.00 Hz	216
below 50.00 Hz	215

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:01:53

No. of hours freq outside 49.9-50.05 Hz	3:54:40
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Source : AGRA 10 Sec. (8640 samples)