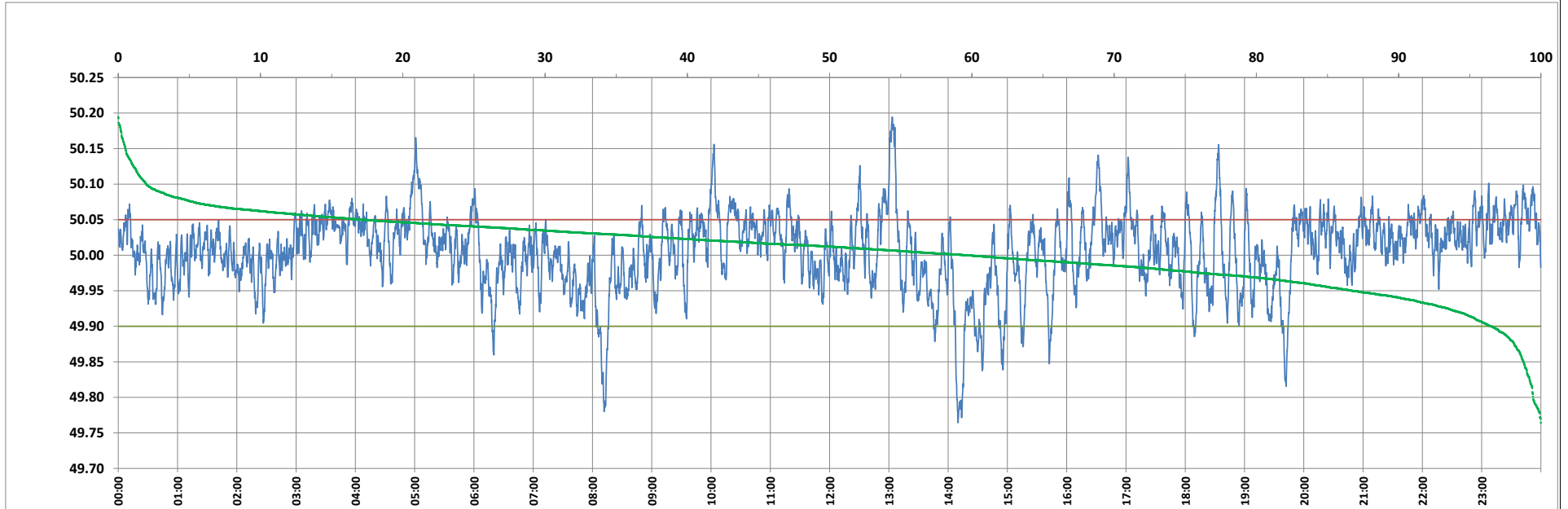


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jul-2023 (Wednesday)



<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	3.47	20.72	0.54	2.93	36.92	57.63	1.98	79.39	100.00	45.24	15.16	59.61	34.04	17.14	0.00	13.25	69.61	9.78

Average Frequency : 50.006	Frequency Variation Index : 0.0281	Standard Deviation : 0.0528	Mileage: 46.8	FDI: 20.6
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Instantaneous Frequency		
Max	50.194	13:03:20
Min	49.764	14:10:00

15 minute Average Frequency		
Max	50.075	13:15:00
Min	49.887	8:15:00

No. of excursions	
above 50.03 Hz	210
below 49.97 Hz	120
above 50.00 Hz	188
below 50.00 Hz	187

Average time freq per excursion remains	
below 49.97	0:02:29
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	4:56:50
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Source : BARH 10 Sec. (8640 samples)