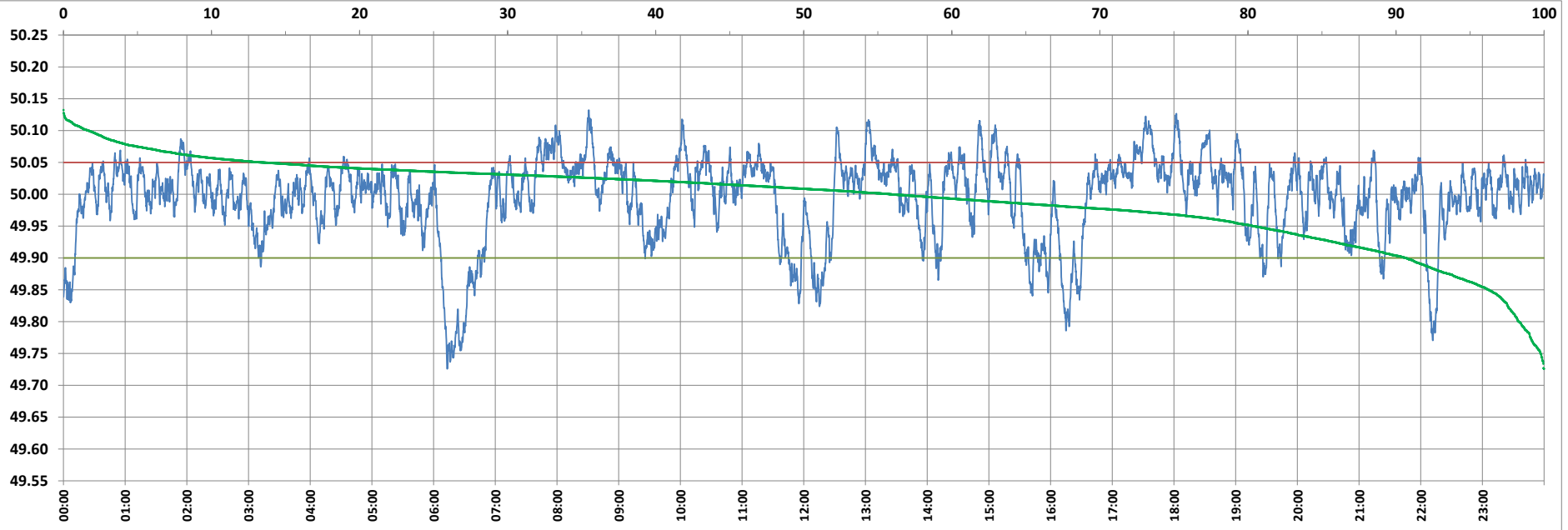


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Jul-2022 (Thursday)



<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	9.34	25.86	1.71	7.63	34.76	54.20	1.70	77.26	100.00	43.15	11.71	55.90	31.00	13.40	0.00	19.68	66.92	10.34

Average Frequency : 49.994	Frequency Variation Index : 0.0422	Standard Deviation : 0.0646	Mileage: 42.3	FDI: 22.7
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Instantaneous Frequency		
Max	50.132	8:30:50
Min	49.726	6:13:10

15 minute Average Frequency		
Max	50.082	17:45:00
Min	49.769	6:30:00

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	103
above 50.00 Hz	142
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:03:37
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	5:27:30
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Source : AGRA 10 Sec. (8640 samples)