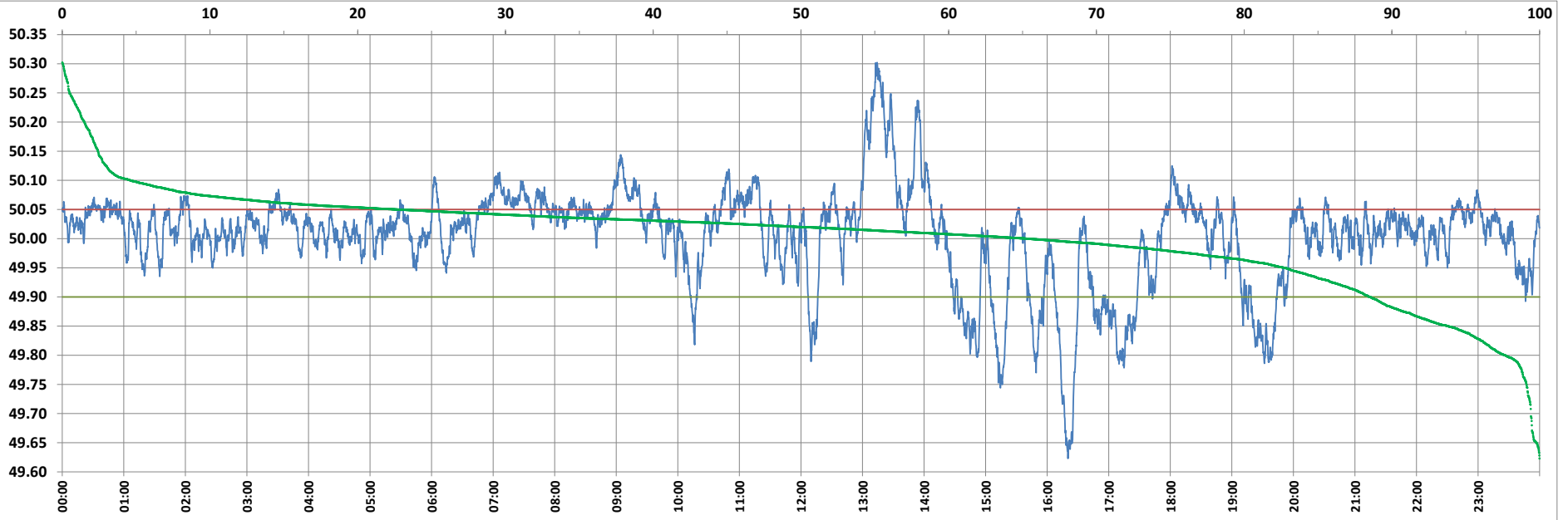


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 14-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
0.59	11.47	22.12	1.74	9.14	23.23	60.68	3.13	65.74	97.92	36.88	18.18	65.30	41.01	22.79	1.49	17.30	59.91	5.83

Average Frequency : 50.004	Frequency Variation Index : 0.0673	Standard Deviation : 0.0820	Mileage: 42.6	FDI: 34.3
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Instantaneous Frequency		
Max	50.302	13:14:10
Min	49.623	16:20:10

15 minute Average Frequency			
Max	50.218	13:30:00	
Min	49.709	16:30:00	

No. of excursions	
above 50.03 Hz	187
below 49.97 Hz	73
above 50.00 Hz	136
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:04:22
above 50.03	0:03:09

No. of hours freq outside 49.9-50.05 Hz	8:13:20
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Source : AGRA 10 Sec. (8640 samples)