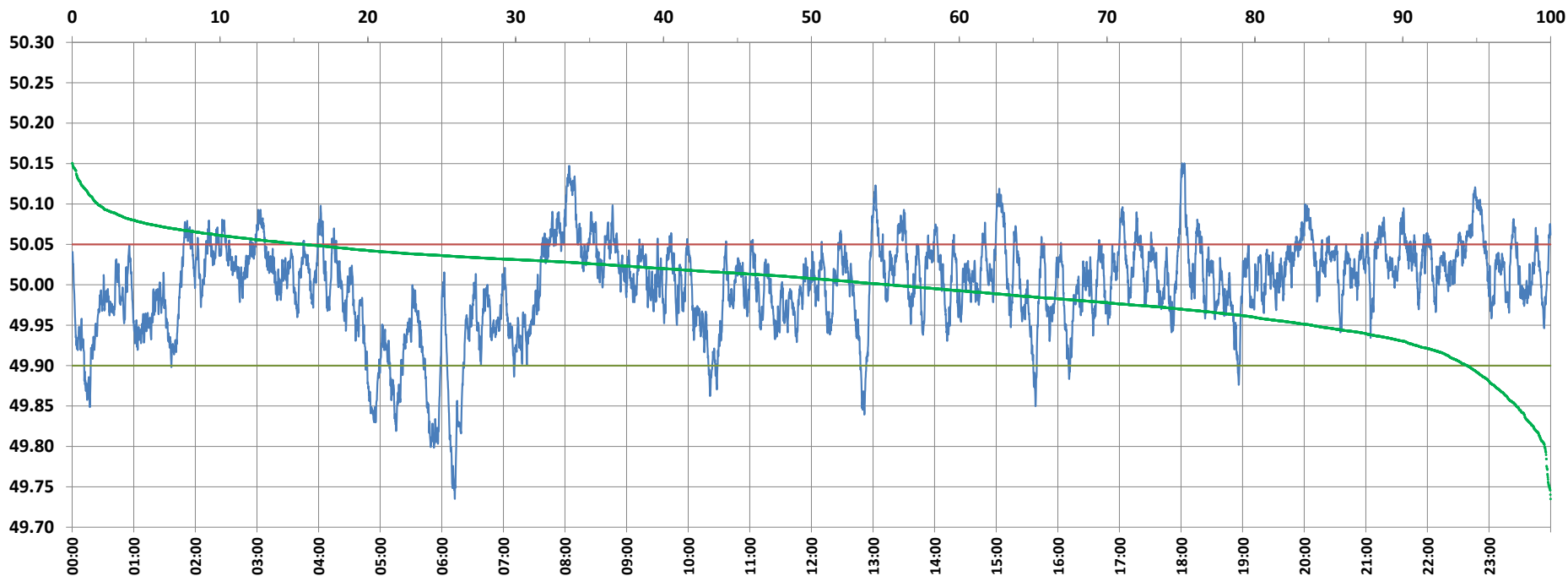


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Sep-2021 (Friday)



<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	5.63	25.06	0.42	5.21	39.13	53.52	1.72	78.73	100.00	43.52	13.92	55.24	31.42	15.65	0.00	16.15	68.21	10.52

Average Frequency : 49.999	Frequency Variation Index : 0.0324	Standard Deviation : 0.0569	Mileage: 43.8	FDI: 21.3
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Instantaneous Frequency		
Max	50.150	18:03:10
Min	49.735	6:12:40

15 minute Average Frequency		
Max	50.104	8:15:00
Min	49.835	6:00:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	125
above 50.00 Hz	165
below 50.00 Hz	164

Average time freq per excursion remains	
below 49.97	0:02:53
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	5:06:20
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Source : AGRA 10 Sec. (8640 samples)