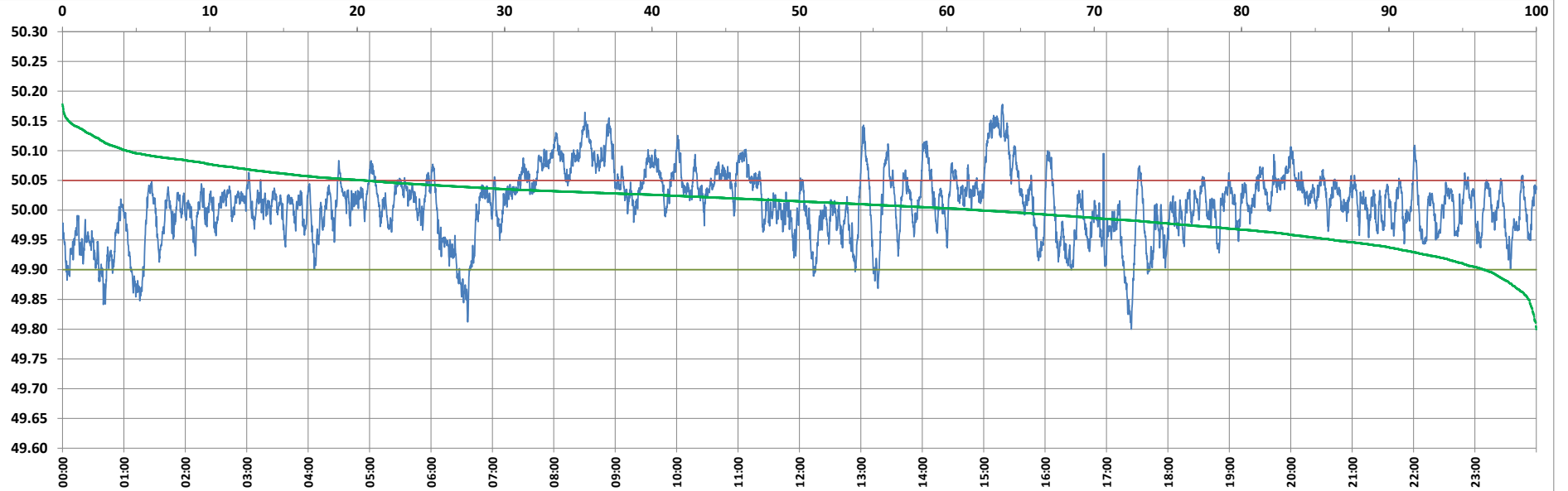


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Sep-2022 (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
0.00	3.56	21.24	0.00	3.56	34.28	57.80	4.35	75.93	100.00	43.36	16.16	62.15	35.41	20.51	0.00	13.77	65.72	10.21

Average Frequency : 50.010	Frequency Variation Index : 0.0315	Standard Deviation : 0.0553	Mileage: 44.6	FDI: 24.1
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Instantaneous Frequency	
Max	50.178 15:18:20
Min	49.800 17:24:10

15 minute Average Frequency	
Max	50.126 15:15:00
Min	49.886 17:30:00

No. of excursions	
above 50.03 Hz	203
below 49.97 Hz	119
above 50.00 Hz	156
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:02:34
above 50.03	0:02:31

No. of hours freq outside 49.9-50.05 Hz	5:46:40
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Source : AGRA 10 Sec. (8640 samples)