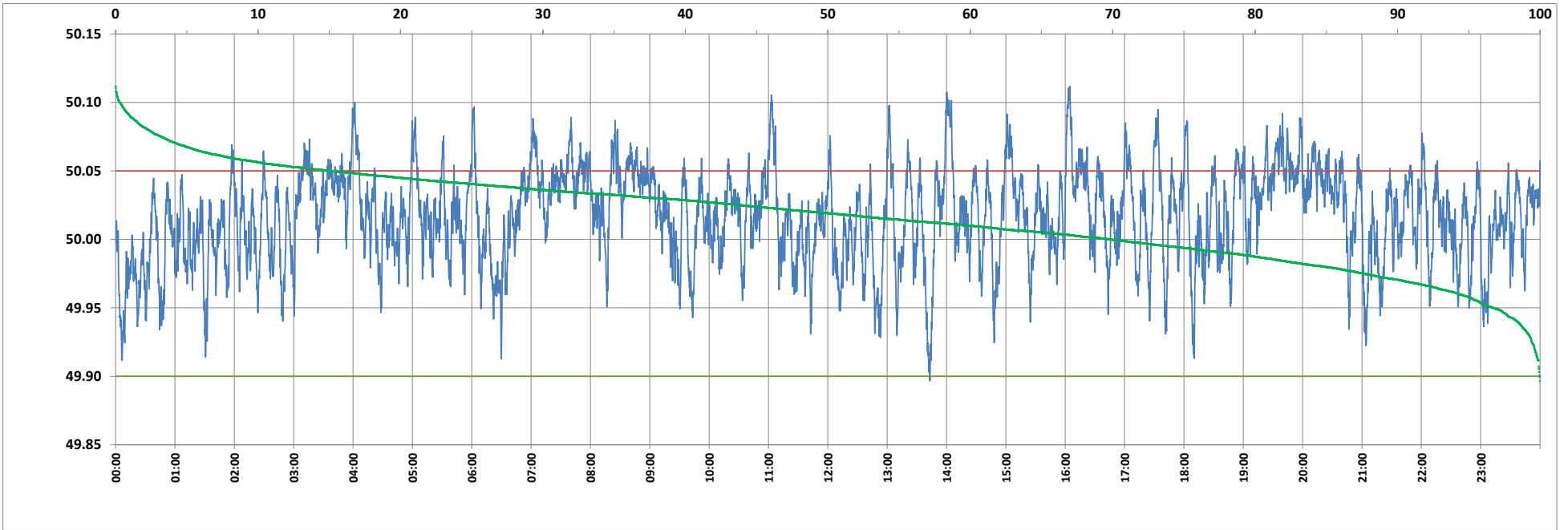


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Sep-2022 (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	0.02	9.70	0.00	0.02	30.13	69.55	0.30	84.95	100.00	52.22	14.72	69.85	38.08	15.02	0.00	3.30	81.68	3.28

Average Frequency : 50.016	Frequency Variation Index : 0.0141	Standard Deviation : 0.0338	Mileage: 42.5	FDI: 15.0
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Instantaneous Frequency		
Max	50.112	16:04:30
Min	49.897	13:43:10

15 minute Average Frequency		
Max	50.063	16:15:00
Min	49.962	0:15:00

No. of excursions	
above 50.03 Hz	244
below 49.97 Hz	108
above 50.00 Hz	210
below 50.00 Hz	209

Average time freq per excursion remains	
below 49.97	0:01:18
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	3:36:40
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Source : AGRA 10 Sec. (8640 samples)