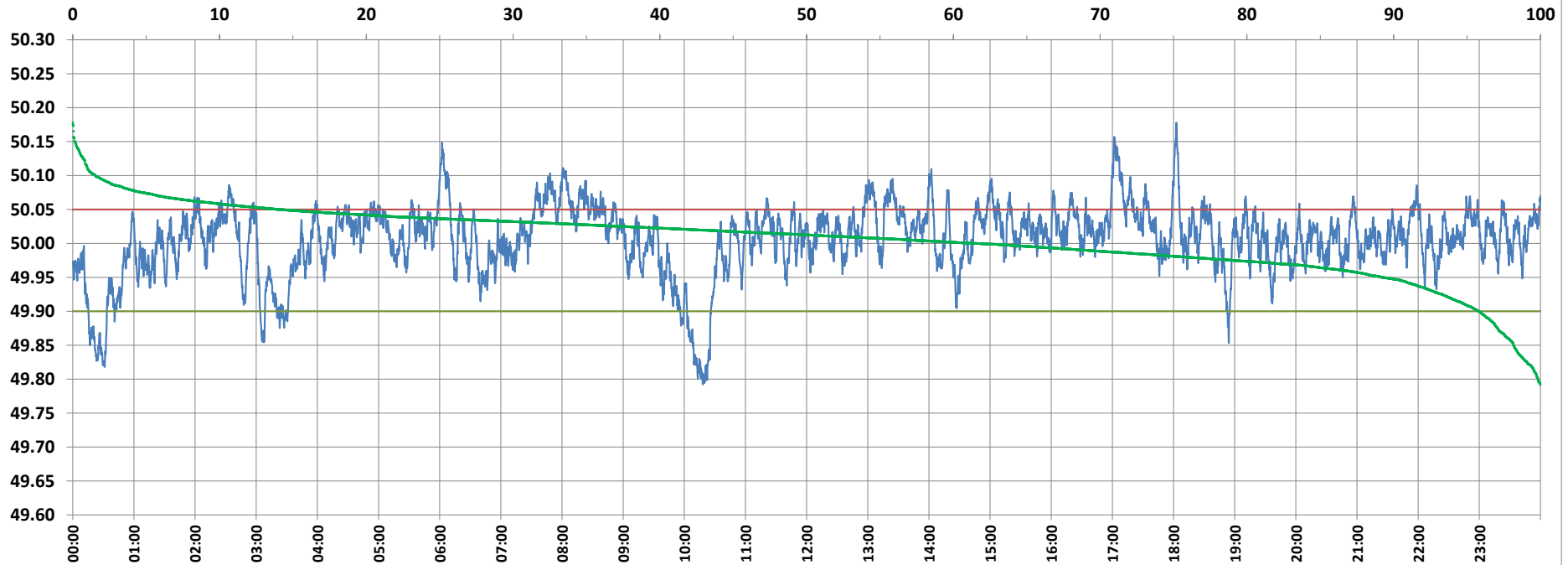


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Sep-2021 (Sunday)



<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	4.21	17.74	0.17	4.04	34.12	60.12	1.55	81.67	100.00	49.94	12.57	61.67	32.31	14.12	0.00	10.76	75.12	6.55

Average Frequency : 50.006	Frequency Variation Index : 0.0264	Standard Deviation : 0.0511	Mileage: 43.6	FDI: 18.3
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Instantaneous Frequency		
Max	50.178	18:02:40
Min	49.792	10:18:00

15 minute Average Frequency		
Max	50.099	17:15:00
Min	49.846	10:30:00

No. of excursions	
above 50.03 Hz	238
below 49.97 Hz	123
above 50.00 Hz	199
below 50.00 Hz	199

Average time freq per excursion remains	
below 49.97	0:02:05
above 50.03	0:01:57

No. of hours freq outside 49.9-50.05 Hz	4:24:00
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Source : AGRA 10 Sec. (8640 samples)