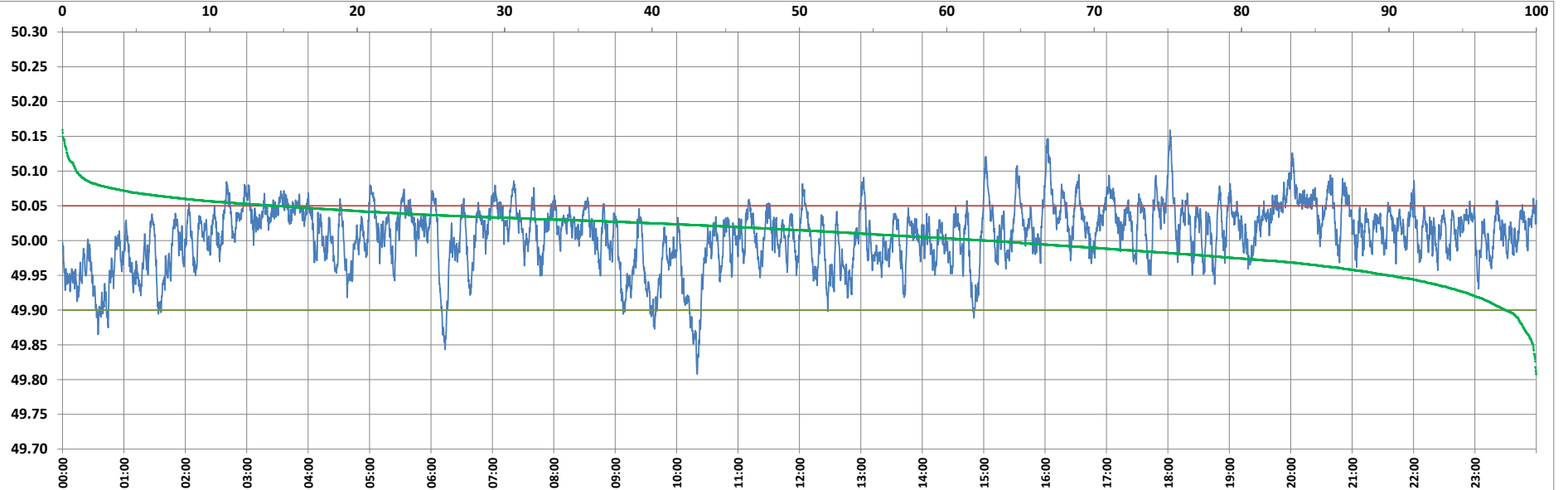


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Sep-2022 (Wednesday)



<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	2.08	17.42	0.00	2.08	35.23	61.75	0.94	83.43	100.00	48.73	13.55	62.69	33.85	14.49	0.00	10.09	75.42	8.01

Average Frequency : 50.008	Frequency Variation Index : 0.0200	Standard Deviation : 0.0441	Mileage: 43.9	FDI: 16.6
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Instantaneous Frequency		
Max	50.159	18:02:00
Min	49.808	10:20:00

15 minute Average Frequency		
Max	50.072	20:15:00
Min	49.898	10:30:00

No. of excursions	
above 50.03 Hz	252
below 49.97 Hz	112
above 50.00 Hz	189
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	3:58:40
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Source : AGRA 10 Sec. (8640 samples)