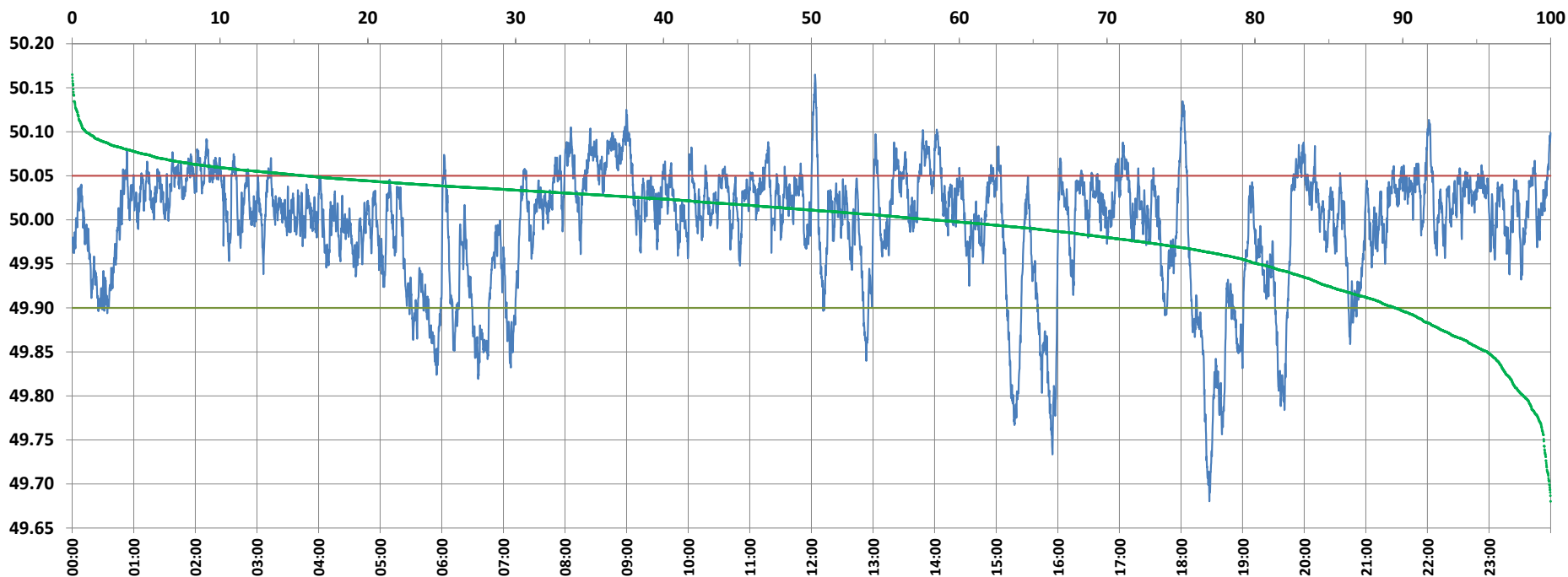


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Sep-2021 (Thursday)



<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
0.09	10.52	25.57	1.76	8.67	31.31	57.25	0.93	73.73	99.91	40.59	14.83	58.17	33.84	15.75	0.00	19.80	64.44	9.28

Average Frequency : 49.994	Frequency Variation Index : 0.0459	Standard Deviation : 0.0675	Mileage: 46.7	FDI: 26.3
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Instantaneous Frequency		
Max	50.165	12:03:30
Min	49.680	18:27:30

15 minute Average Frequency		
Max	50.084	9:00:00
Min	49.803	18:30:00

No. of excursions	
above 50.03 Hz	216
below 49.97 Hz	95
above 50.00 Hz	183
below 50.00 Hz	183

Average time freq per excursion remains	
below 49.97	0:03:53
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	6:18:20
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Source : AGRA 10 Sec. (8640 samples)