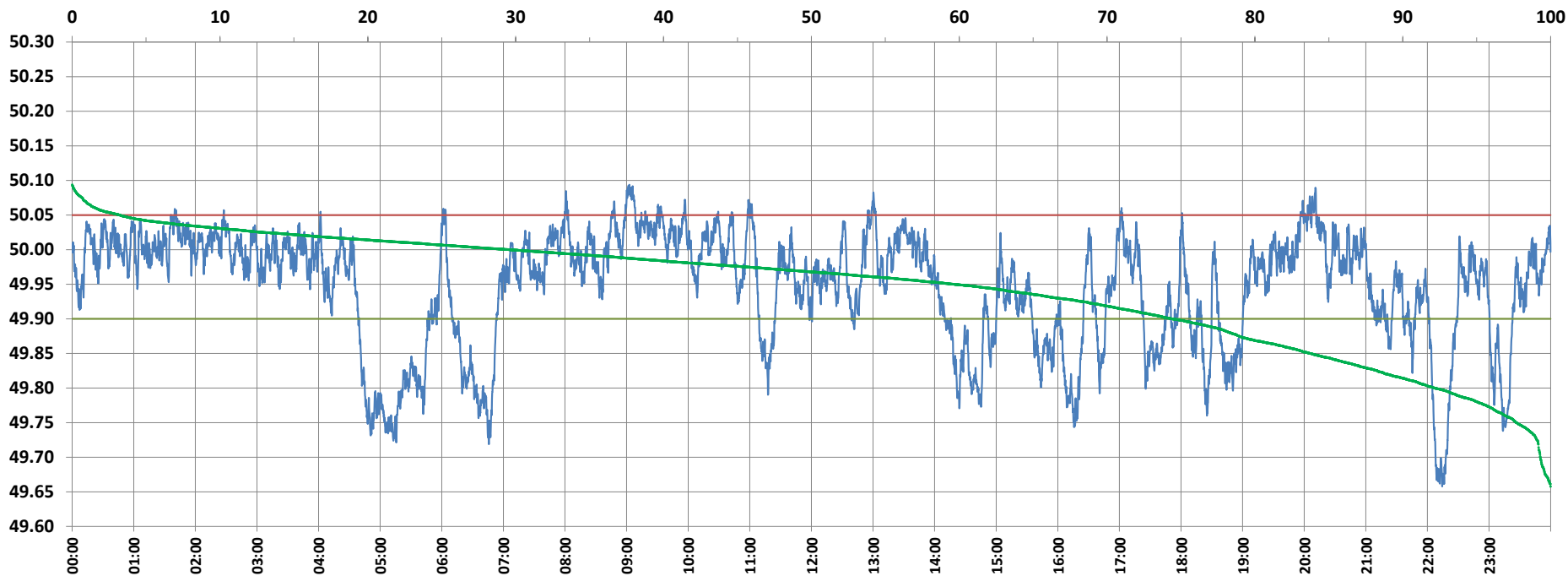


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Oct-2021 (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
0.69	25.59	51.25	7.15	17.74	44.85	29.56	0.00	71.20	99.31	38.44	3.21	29.56	10.31	3.21	0.00	40.34	56.46	14.75

Average Frequency : 49.945	Frequency Variation Index : 0.0991	Standard Deviation : 0.0828	Mileage: 47.3	FDI: 28.8
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Instantaneous Frequency		
Max	50.094	9:02:40
Min	49.658	22:14:20

15 minute Average Frequency		
Max	50.058	9:15:00
Min	49.751	5:15:00

No. of excursions	
above 50.03 Hz	106
below 49.97 Hz	147
above 50.00 Hz	163
below 50.00 Hz	163

Average time freq per excursion remains	
below 49.97	0:05:01
above 50.03	0:01:24

No. of hours freq outside 49.9-50.05 Hz	6:54:40
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Source : AGRA 10 Sec. (8640 samples)