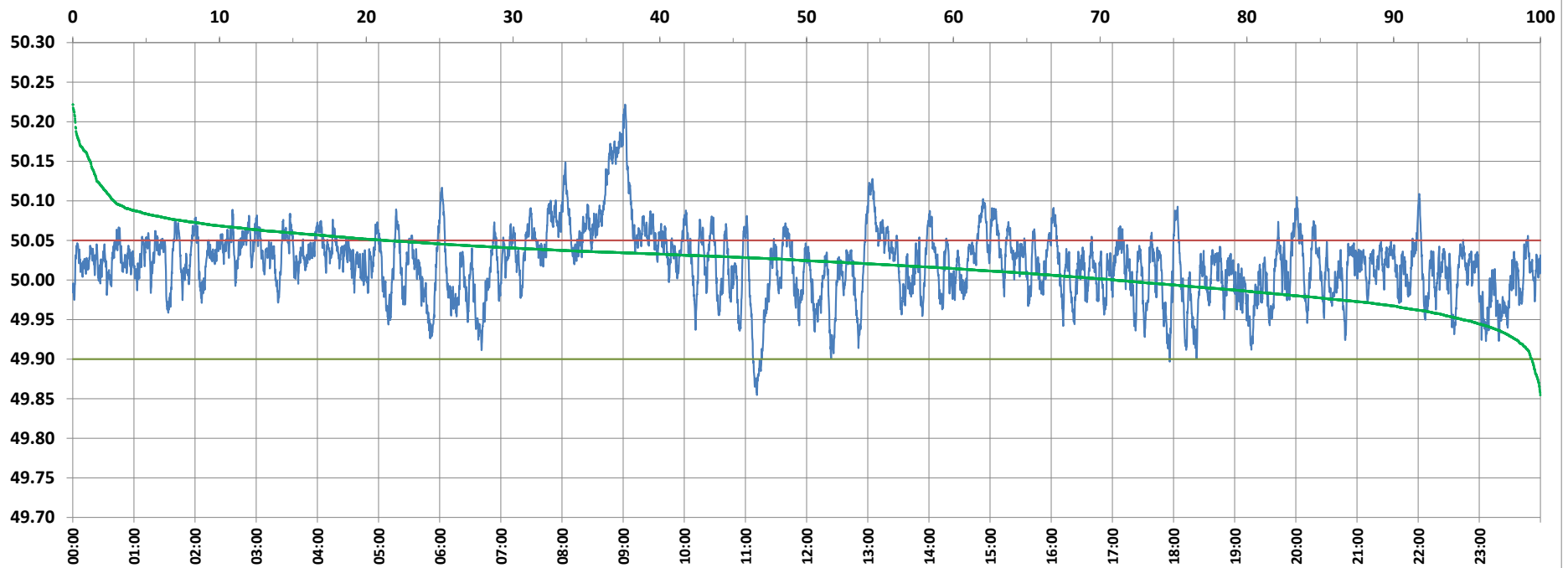


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Sep-2021 (Saturday)



<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	0.59	11.23	0.00	0.59	28.43	68.18	2.63	78.13	99.83	45.16	18.48	70.98	43.61	21.28	0.17	5.32	73.39	4.73

Average Frequency : 50.021	Frequency Variation Index : 0.0233	Standard Deviation : 0.0435	Mileage: 41.9	FDI: 21.9
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Instantaneous Frequency		
Max	50.222	9:01:50
Min	49.855	11:11:10

15 minute Average Frequency		
Max	50.164	9:00:00
Min	49.941	11:15:00

No. of excursions	
above 50.03 Hz	257
below 49.97 Hz	90
above 50.00 Hz	161
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:01:48
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	5:15:00
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Source : AGRA 10 Sec. (8640 samples)