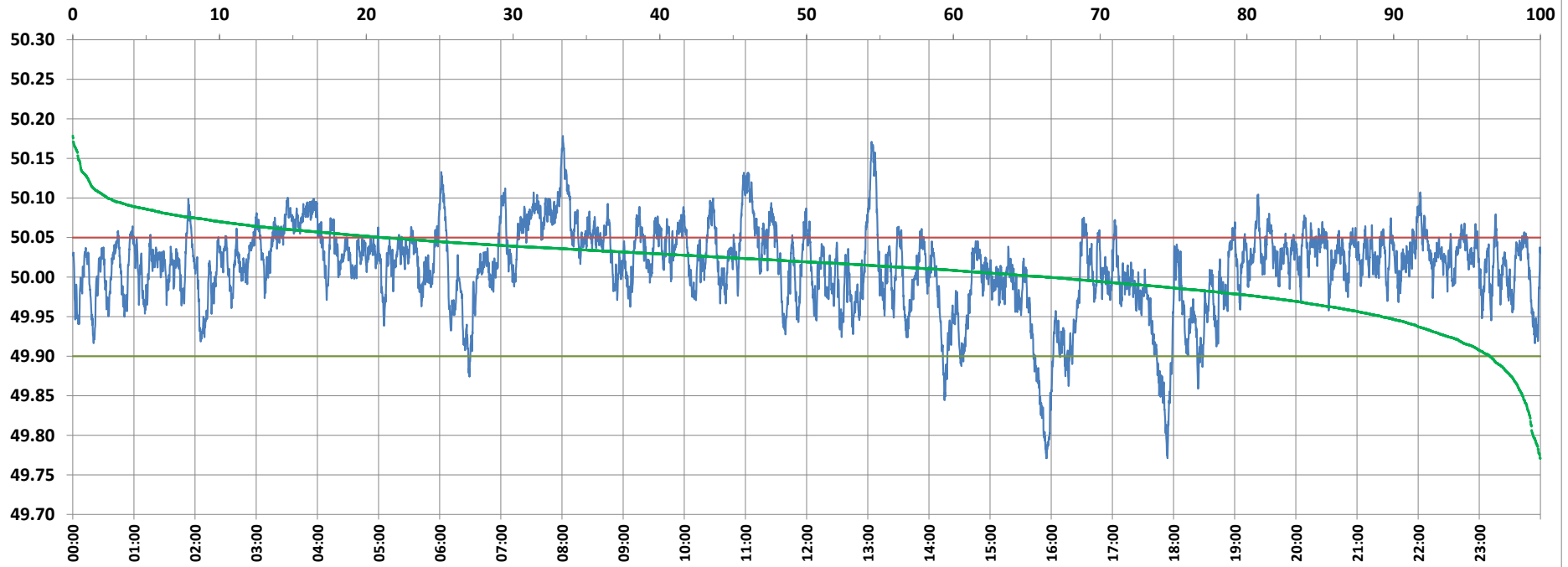


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-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	3.45	16.91	0.51	2.94	30.17	64.03	2.35	75.43	100.00	43.80	18.77	66.38	39.29	21.12	0.00	10.80	68.08	7.35

Average Frequency : 50.012	Frequency Variation Index : 0.0296	Standard Deviation : 0.0530	Mileage: 46.3	FDI: 24.6
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Instantaneous Frequency		
Max	50.178	8:00:50
Min	49.771	15:55:00

15 minute Average Frequency		
Max	50.099	8:15:00
Min	49.826	16:00:00

No. of excursions	
above 50.03 Hz	229
below 49.97 Hz	100
above 50.00 Hz	183
below 50.00 Hz	182

Average time freq per excursion remains	
below 49.97	0:02:26
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	5:53:50
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Source : AGRA 10 Sec. (8640 samples)