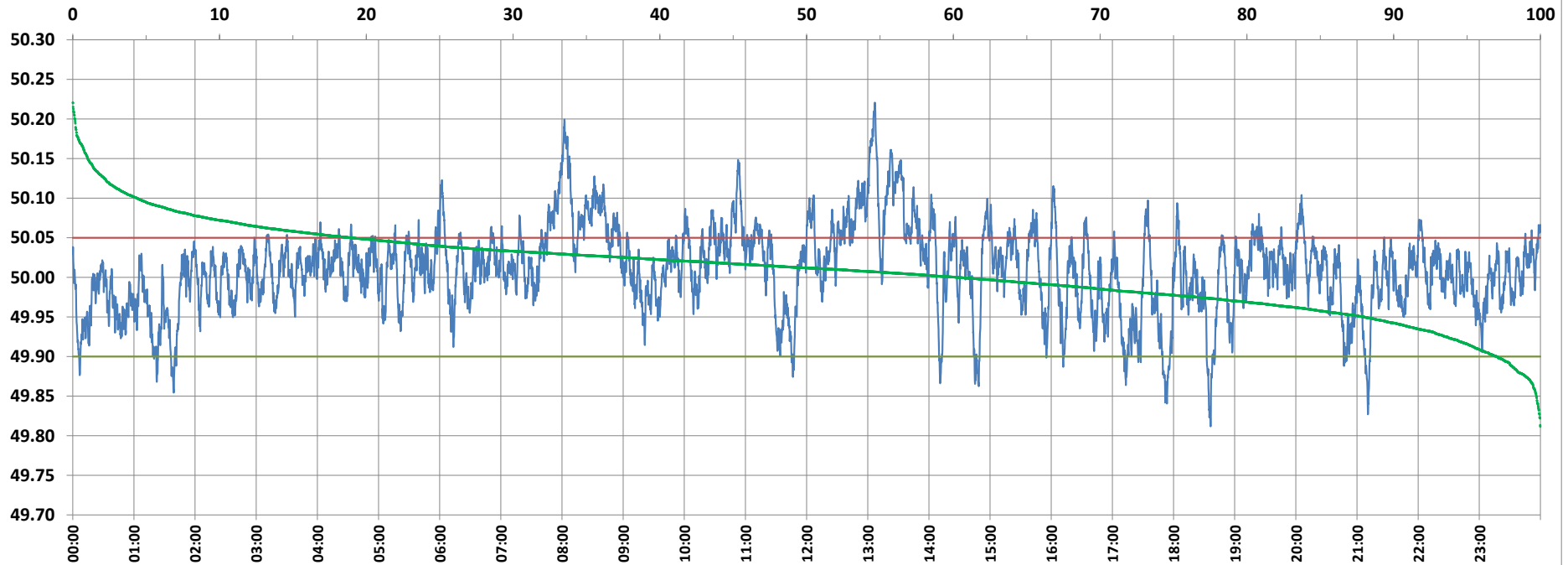


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Sep-2021 (Sunday)



<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	2.95	20.68	0.00	2.95	36.70	55.96	4.24	78.09	99.85	46.45	14.57	60.35	32.87	18.96	0.15	12.01	69.03	9.06

Average Frequency : 50.009	Frequency Variation Index : 0.0293	Standard Deviation : 0.0535	Mileage: 49.8	FDI: 21.9
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Instantaneous Frequency		
Max	50.221	13:06:50
Min	49.812	18:36:20

15 minute Average Frequency		
Max	50.123	13:15:00
Min	49.903	18:00:00

No. of excursions	
above 50.03 Hz	223
below 49.97 Hz	131
above 50.00 Hz	195
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:02:16
above 50.03	0:02:07

No. of hours freq outside 49.9-50.05 Hz	5:15:30
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Source : AGRA 10 Sec. (8640 samples)