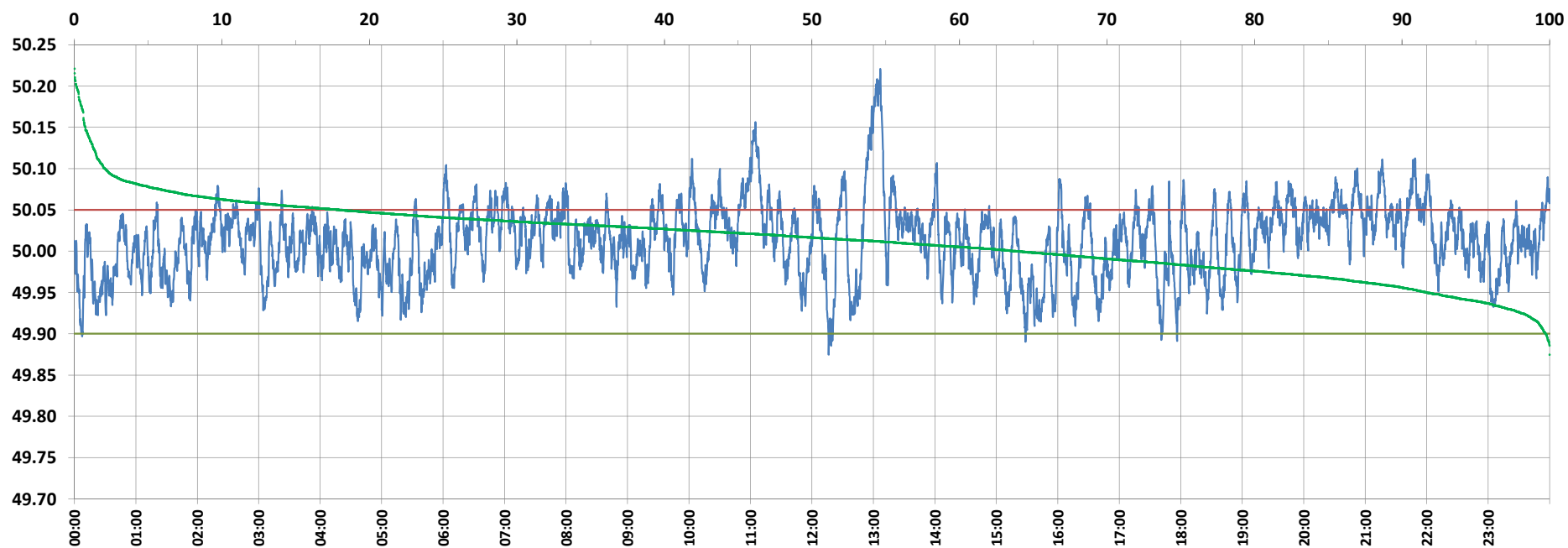


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Sep-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
0.00	0.28	16.46	0.00	0.28	35.94	61.72	1.94	81.79	99.88	46.93	15.87	63.78	36.61	17.93	0.12	8.34	73.73	8.07

Average Frequency : 50.013	Frequency Variation Index : 0.0210	Standard Deviation : 0.0439	Mileage: 46.3	FDI: 18.2
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Instantaneous Frequency		
Max	50.221	13:06:40
Min	49.875	12:16:20

15 minute Average Frequency		
Max	50.120	13:15:00
Min	49.941	15:45:00

No. of excursions	
above 50.03 Hz	241
below 49.97 Hz	123
above 50.00 Hz	172
below 50.00 Hz	171

Average time freq per excursion remains	
below 49.97	0:01:56
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	4:22:10
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Source : AGRA 10 Sec. (8640 samples)