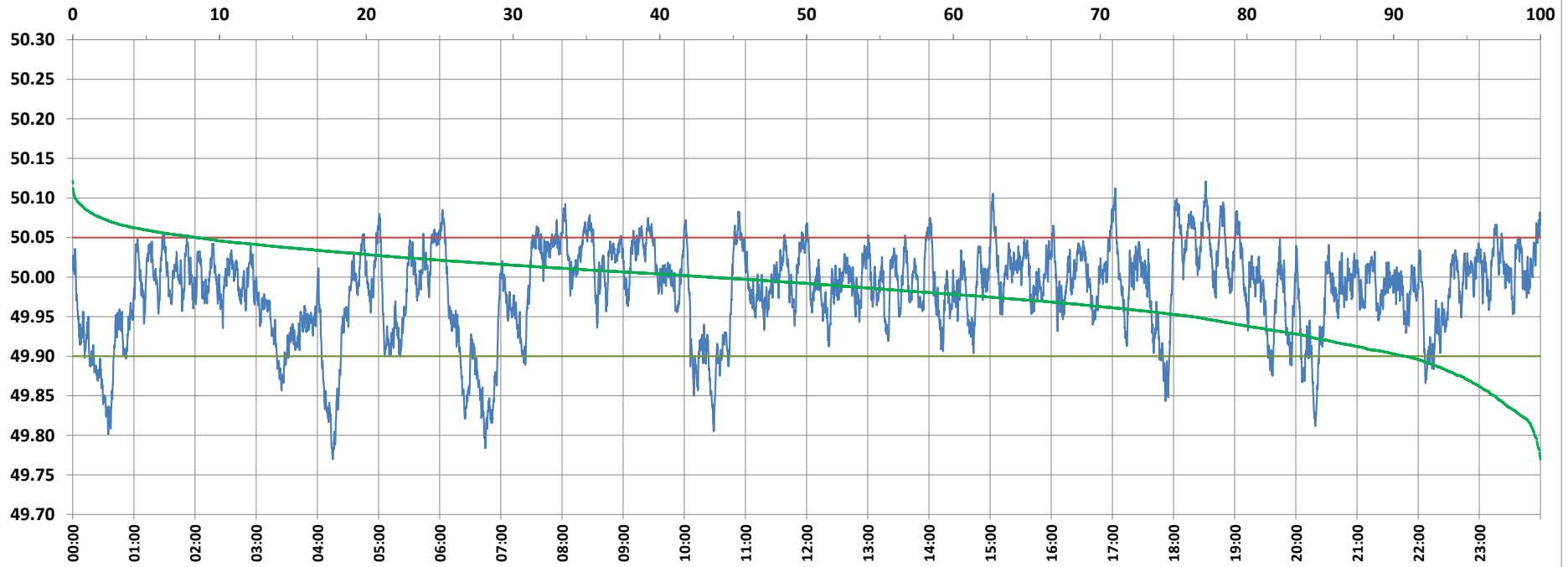


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Aug-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	9.21	34.36	0.39	8.82	47.43	43.19	0.16	82.40	100.00	46.35	8.23	43.36	19.28	8.39	0.00	23.66	67.95	14.44

Average Frequency : 49.982	Frequency Variation Index : 0.0354	Standard Deviation : 0.0568	Mileage: 43.6	FDI: 17.6
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Instantaneous Frequency		
Max	50.121	18:31:30
Min	49.770	4:15:00

15 minute Average Frequency		
Max	50.059	18:15:00
Min	49.868	0:45:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	139
above 50.00 Hz	202
below 50.00 Hz	201

Average time freq per excursion remains	
below 49.97	0:03:34
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	4:13:30
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Source : AGRA 10 Sec. (8640 samples)