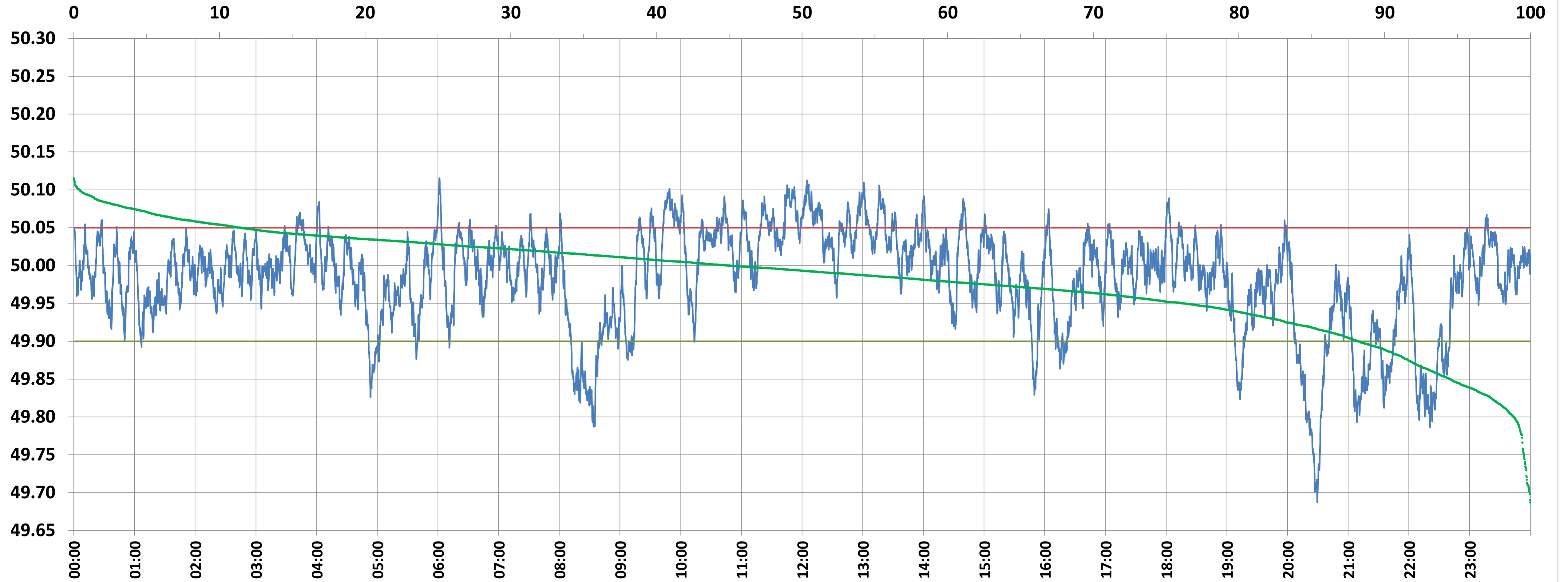


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jul-2021 (Friday)



<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
0.03	11.81	33.94	1.11	10.66	43.23	44.57	0.39	76.72	99.97	42.12	11.08	44.97	23.95	11.47	0.00	23.76	64.77	11.96

Average Frequency : 49.982	Frequency Variation Index : 0.0462	Standard Deviation : 0.0657	Mileage: 45.4	FDI: 23.3
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Instantaneous Frequency		
Max	50.115	6:01:30
Min	49.687	20:29:30

15 minute Average Frequency		
Max	50.079	12:15:00
Min	49.777	20:30:00

No. of excursions	
above 50.03 Hz	158
below 49.97 Hz	151
above 50.00 Hz	178
below 50.00 Hz	177

Average time freq per excursion remains	
below 49.97	0:03:14
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	5:35:10
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Source : AGRA 10 Sec. (8640 samples)