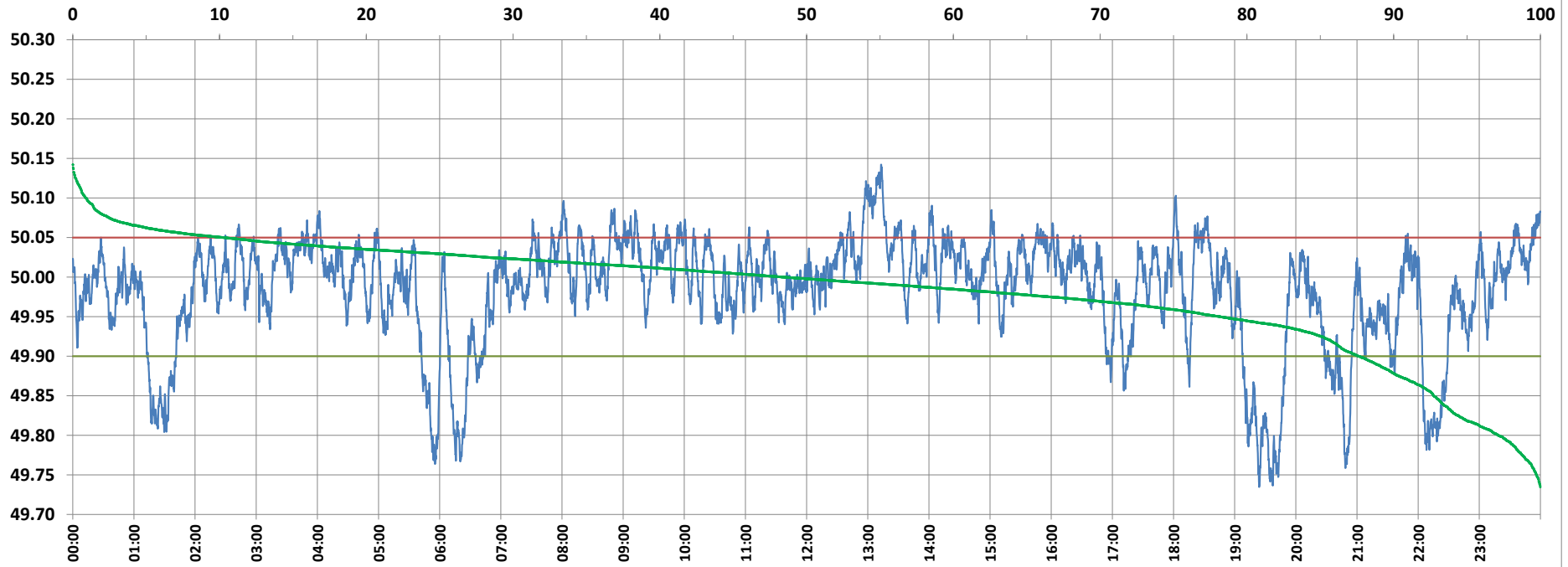


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Aug-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	12.40	30.30	2.87	9.53	39.11	47.59	0.90	77.28	100.00	45.13	9.42	48.48	24.57	10.32	0.00	21.82	67.86	9.42

Average Frequency : 49.983	Frequency Variation Index : 0.0508	Standard Deviation : 0.0692	Mileage: 41.7	FDI: 22.7
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Instantaneous Frequency		
Max	50.142	13:13:00
Min	49.735	19:24:00

15 minute Average Frequency		
Max	50.109	13:15:00
Min	49.773	19:45:00

No. of excursions	
above 50.03 Hz	155
below 49.97 Hz	117
above 50.00 Hz	168
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:03:44
above 50.03	0:02:17

No. of hours freq outside 49.9-50.05 Hz	5:27:10
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Source : AGRA 10 Sec. (8640 samples)