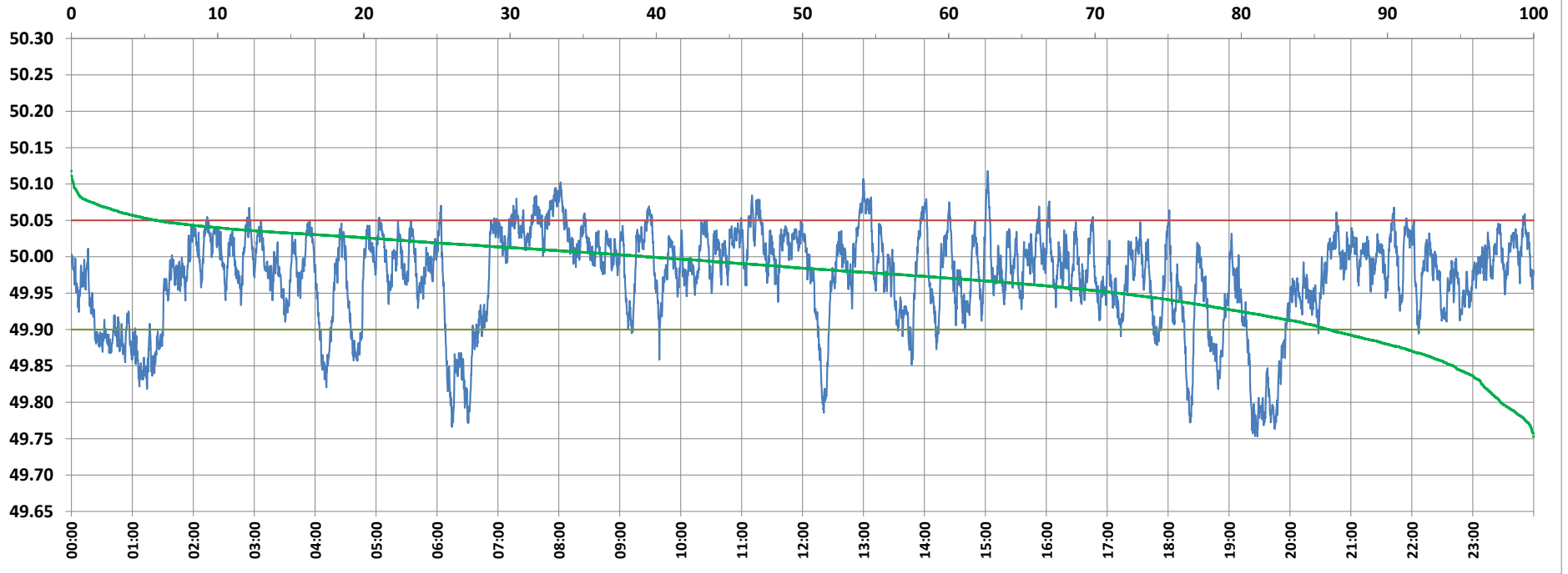


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Jul-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	13.99	39.53	2.26	11.74	46.69	39.17	0.15	80.14	100.00	43.40	5.72	39.32	17.07	5.87	0.00	28.43	65.71	14.43

Average Frequency : 49.973	Frequency Variation Index : 0.0484	Standard Deviation : 0.0640	Mileage: 46.2	FDI: 19.9
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Instantaneous Frequency		
Max	50.118	15:02:20
Min	49.753	19:27:50

15 minute Average Frequency		
Max	50.063	8:00:00
Min	49.796	19:45:00

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	164
above 50.00 Hz	166
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:03:28
above 50.03	0:01:30

No. of hours freq outside 49.9-50.05 Hz	4:46:00
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Source : AGRA 10 Sec. (8640 samples)