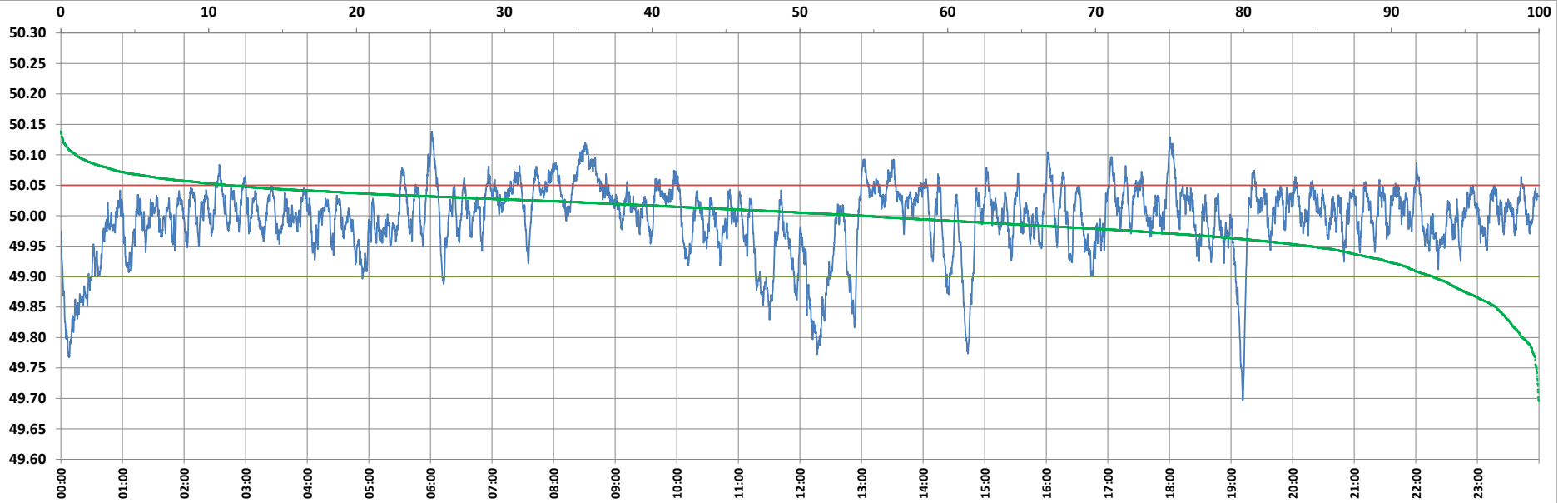


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 31-Aug-2022 (Wednesday)



<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	7.18	24.44	1.11	6.03	38.58	53.23	1.02	81.52	99.97	48.60	10.29	54.25	26.96	11.31	0.00	15.60	73.09	8.43

Average Frequency : 49.995	Frequency Variation Index : 0.0335	Standard Deviation : 0.0577	Mileage: 41.5	FDI: 18.5
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Instantaneous Frequency		
Max	50.139	6:01:30
Min	49.696	19:11:20

15 minute Average Frequency		
Max	50.086	8:45:00
Min	49.833	0:15:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	122
above 50.00 Hz	159
below 50.00 Hz	159

Average time freq per excursion remains	
below 49.97	0:02:53
above 50.03	0:02:12

No. of hours freq outside 49.9-50.05 Hz	4:26:10
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Source : AGRA 10 Sec. (8640 samples)