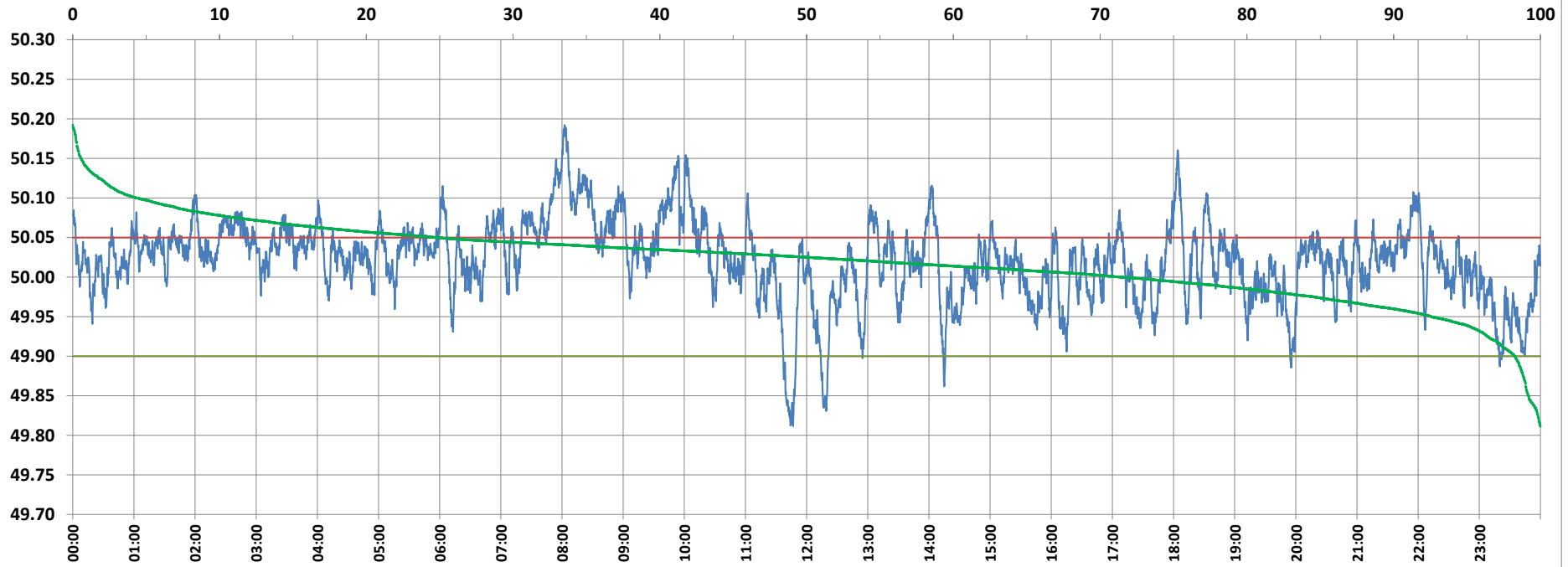


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-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	1.72	13.66	0.00	1.72	26.88	67.00	4.40	73.41	100.00	41.19	20.46	71.40	45.15	24.86	0.00	7.44	67.70	5.72

Average Frequency : 50.021	Frequency Variation Index : 0.0291	Standard Deviation : 0.0497	Mileage: 40.5	FDI: 26.6
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Instantaneous Frequency		
Max	50.192	8:02:30
Min	49.812	11:46:40

15 minute Average Frequency		
Max	50.131	8:15:00
Min	49.898	11:45:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	77
above 50.00 Hz	136
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:02:33
above 50.03	0:03:31

No. of hours freq outside 49.9-50.05 Hz	6:22:50
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Source : AGRA 10 Sec. (8640 samples)