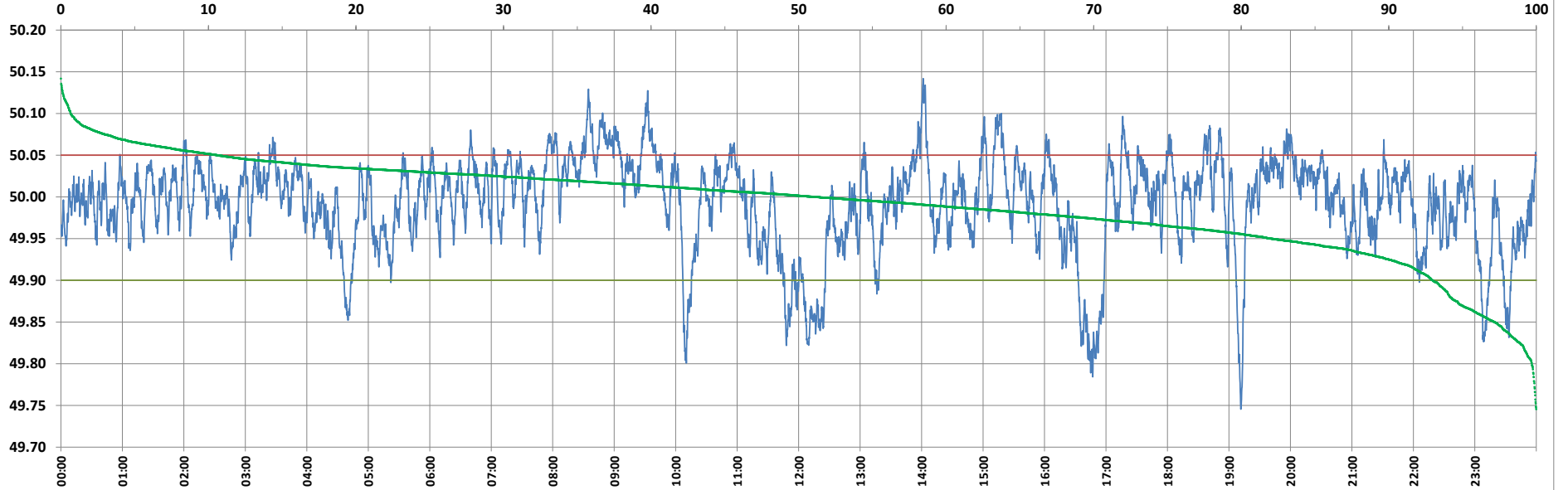


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Aug-2022 (Sunday)



<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	7.01	27.67	0.30	6.71	41.90	50.42	0.67	82.40	100.00	47.97	9.92	51.09	24.35	10.59	0.00	17.97	71.44	10.96

Average Frequency : 49.992	Frequency Variation Index : 0.0314	Standard Deviation : 0.0555	Mileage: 43.1	FDI: 17.6
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Instantaneous Frequency		
Max	50.142	14:01:30
Min	49.746	19:11:30

15 minute Average Frequency		
Max	50.073	9:00:00
Min	49.848	17:00:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	141
above 50.00 Hz	176
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:02:50
above 50.03	0:01:48

No. of hours freq outside 49.9-50.05 Hz	4:13:30
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Source : AGRA 10 Sec. (8640 samples)