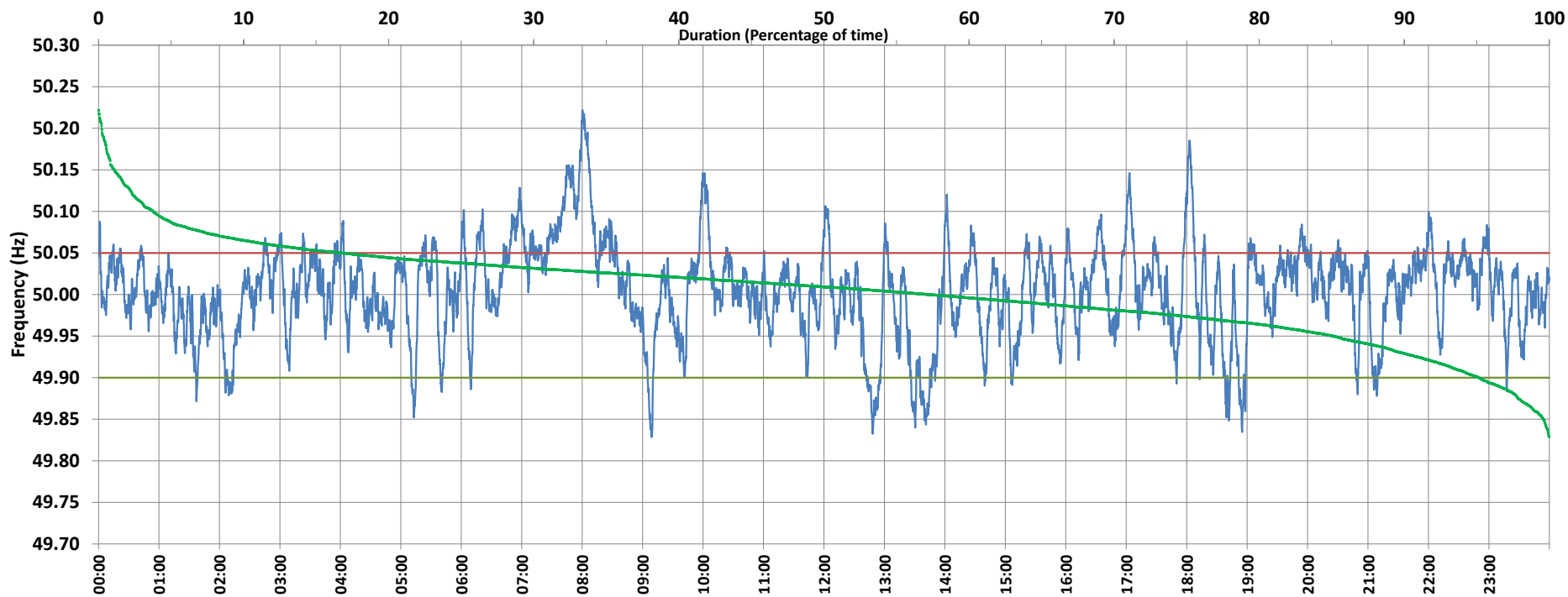


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Apr-2021 (Tuesday)



<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	4.87	23.08	0.00	4.87	37.95	53.43	3.53	78.38	99.78	45.47	13.00	57.18	31.45	16.75	0.22	14.88	68.37	10.01

Average Frequency : 50.004	Frequency Variation Index : 0.0315	Standard Deviation : 0.0560	Mileage: 43.1	FDI: 21.6
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Instantaneous Frequency		
Max	50.222	8:00:20
Min	49.829	9:08:40

15 minute Average Frequency		
Max	50.138	8:00:00
Min	49.878	13:45:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	121
above 50.00 Hz	167
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:02:45
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	5:11:20
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Source : AGRA 10 Sec. (8640 samples)