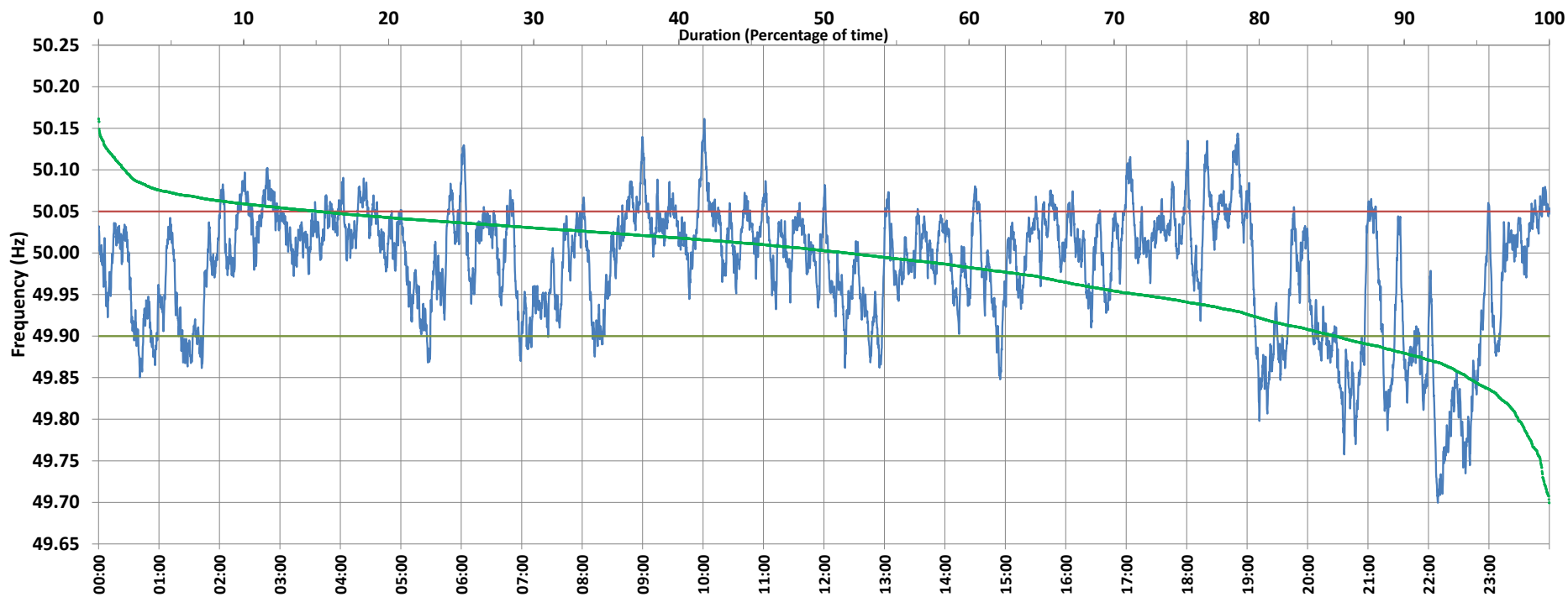


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Apr-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
0.02	14.72	34.86	2.12	12.58	33.69	49.78	1.81	70.14	99.98	35.00	13.33	51.57	30.14	15.14	0.00	28.30	56.56	13.58

Average Frequency : 49.984	Frequency Variation Index : 0.0565	Standard Deviation : 0.0734	Mileage: 43.4	FDI: 29.9
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Instantaneous Frequency		
Max	50.161	10:01:20
Min	49.699	22:09:20

15 minute Average Frequency		
Max	50.085	19:00:00
Min	49.790	22:45:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	72
above 50.00 Hz	131
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:06:58
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	7:10:00
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Source : AGRA 10 Sec. (8640 samples)