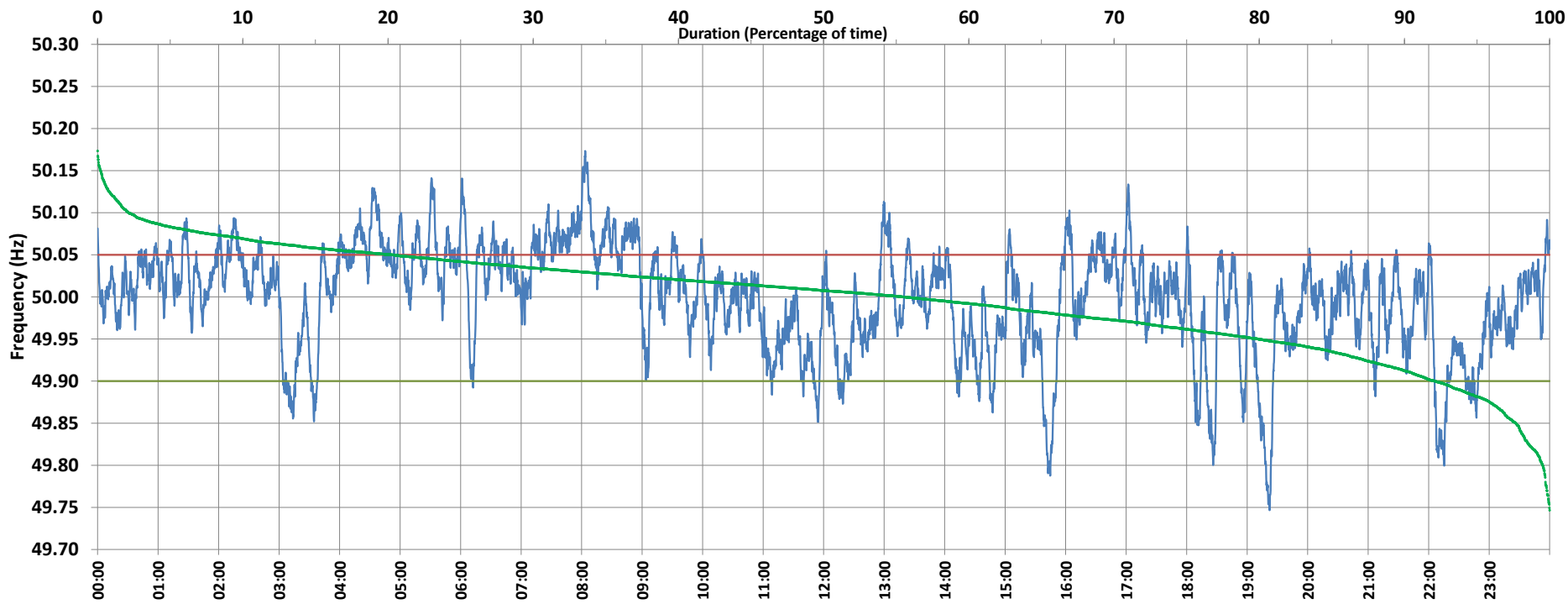


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Apr-2021 (Thursday)



<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	7.91	28.62	0.49	7.42	36.59	53.40	2.11	71.75	100.00	38.24	18.24	55.51	33.14	20.35	0.00	20.06	59.59	12.15

Average Frequency : 49.998	Frequency Variation Index : 0.0393	Standard Deviation : 0.0626	Mileage: 44.3	FDI: 28.3
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Instantaneous Frequency		
Max	50.173	8:03:30
Min	49.747	19:22:10

15 minute Average Frequency		
Max	50.107	8:15:00
Min	49.850	19:30:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	111
above 50.00 Hz	148
below 50.00 Hz	147

Average time freq per excursion remains	
below 49.97	0:03:43
above 50.03	0:03:08

No. of hours freq outside 49.9-50.05 Hz	6:46:50
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Source : AGRA 10 Sec. (8640 samples)