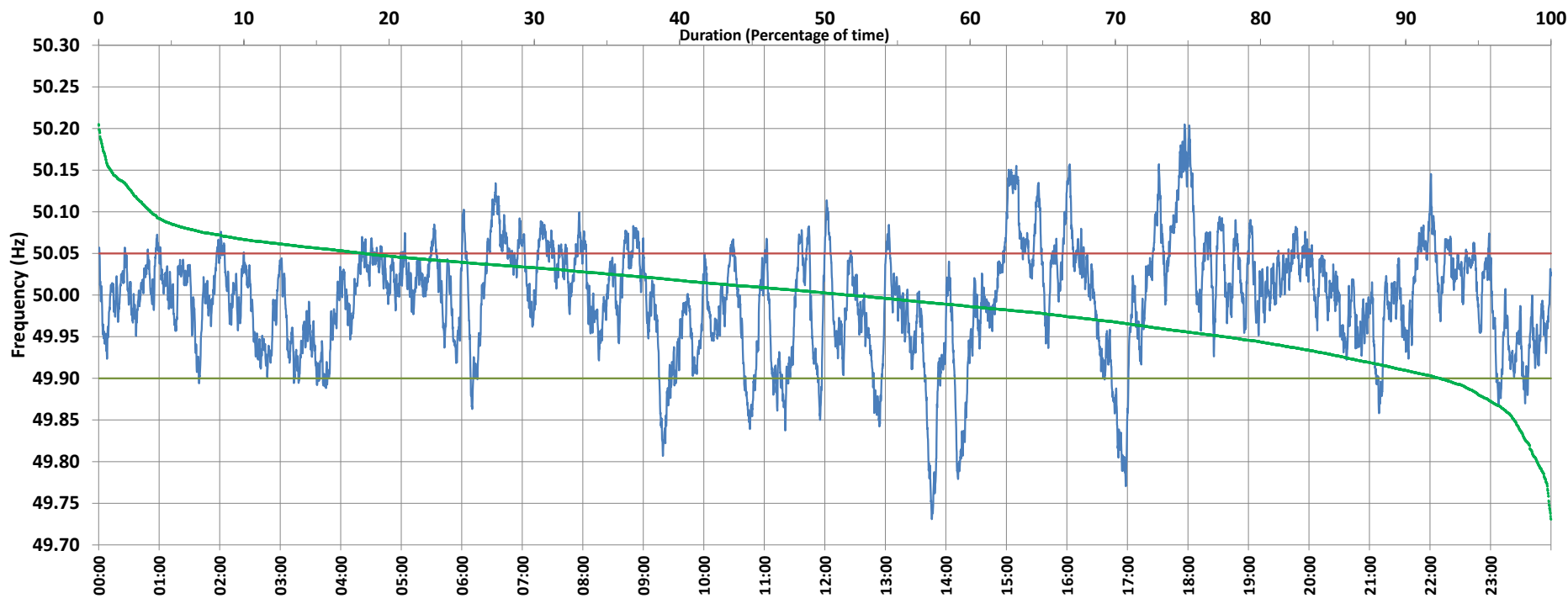


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Apr-2021 (Friday)



<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	7.62	31.20	0.95	6.67	40.81	48.00	3.55	74.11	99.98	36.76	14.70	51.57	32.04	18.28	0.02	22.53	59.19	14.92

Average Frequency : 49.995	Frequency Variation Index : 0.0434	Standard Deviation : 0.0658	Mileage: 45.1	FDI: 25.9
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Instantaneous Frequency		
Max	50.205	17:56:40
Min	49.731	13:46:00

15 minute Average Frequency		
Max	50.139	18:00:00
Min	49.830	17:00:00

No. of excursions	
above 50.03 Hz	154
below 49.97 Hz	118
above 50.00 Hz	155
below 50.00 Hz	154

Average time freq per excursion remains	
below 49.97	0:03:48
above 50.03	0:03:00

No. of hours freq outside 49.9-50.05 Hz	6:12:50
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Source : AGRA 10 Sec. (8640 samples)