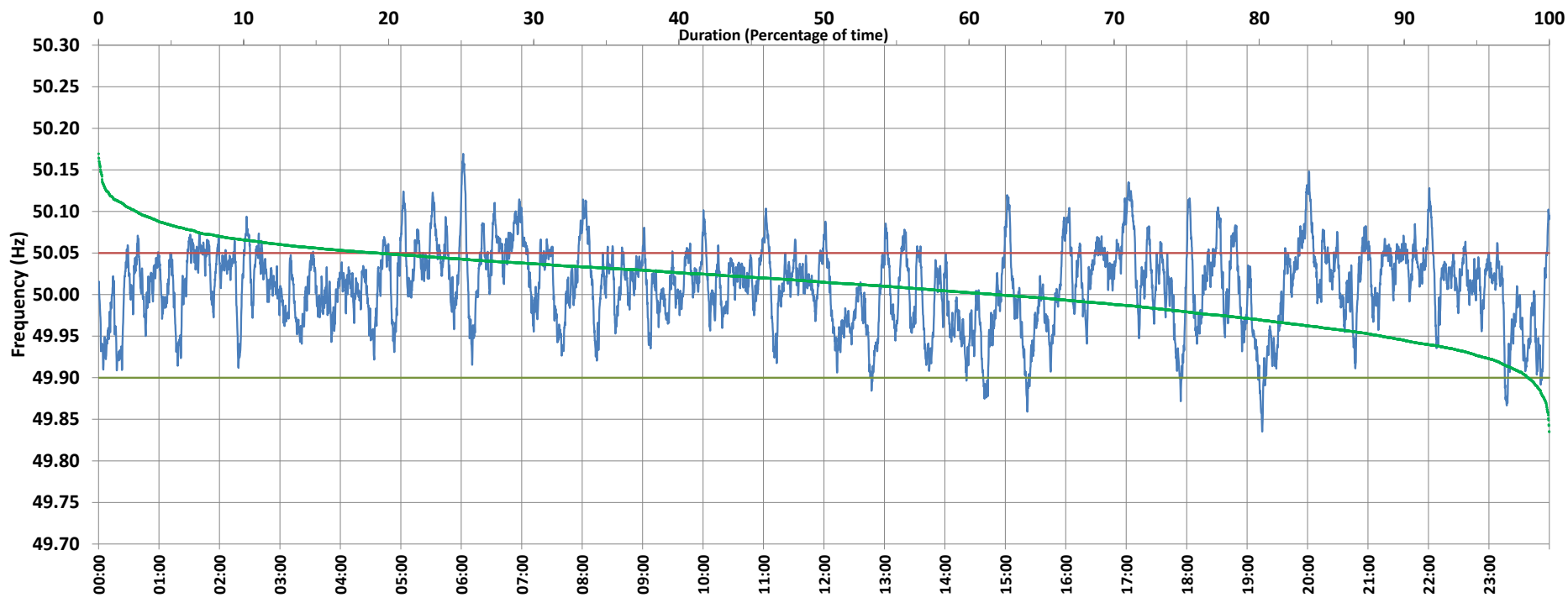


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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	1.46	20.09	0.00	1.46	36.67	59.28	2.59	79.33	100.00	43.07	16.62	61.88	36.84	19.21	0.00	11.56	69.22	10.10

Average Frequency : 50.010	Frequency Variation Index : 0.0237	Standard Deviation : 0.0476	Mileage: 41.7	FDI: 20.7
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Instantaneous Frequency		
Max	50.169	6:01:50
Min	49.835	19:15:00

15 minute Average Frequency		
Max	50.078	7:00:00
Min	49.923	19:30:00

No. of excursions	
above 50.03 Hz	187
below 49.97 Hz	106
above 50.00 Hz	163
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:02:44
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	4:57:40
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Source : AGRA 10 Sec. (8640 samples)