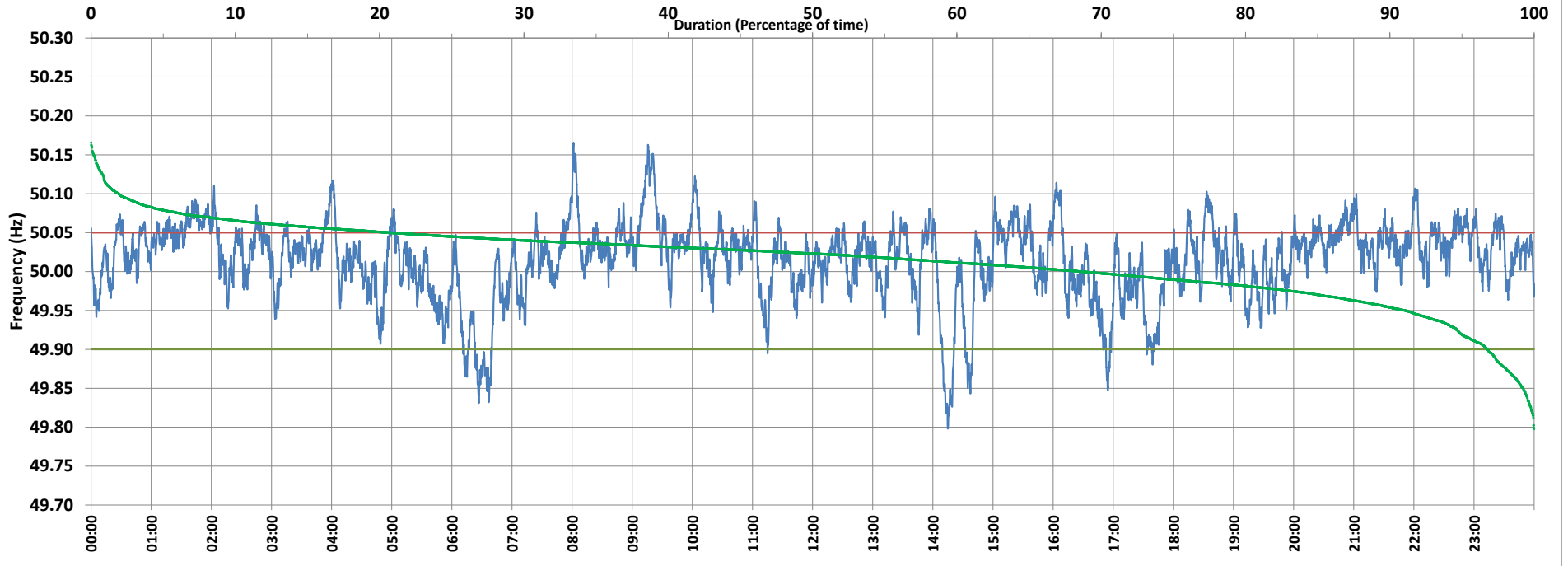


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jun-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
0.00	3.23	14.90	0.02	3.21	28.15	66.70	1.92	76.05	100.00	42.93	18.80	68.62	42.18	20.72	0.00	8.95	70.34	5.72

Average Frequency : 50.015	Frequency Variation Index : 0.0260	Standard Deviation : 0.0489	Mileage: 44.4	FDI: 23.9
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Instantaneous Frequency		
Max	50.166	8:01:20
Min	49.798	14:14:50

15 minute Average Frequency		
Max	50.099	9:30:00
Min	49.897	6:30:00

No. of excursions	
above 50.03 Hz	250
below 49.97 Hz	87
above 50.00 Hz	164
below 50.00 Hz	164

Average time freq per excursion remains	
below 49.97	0:02:28
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	5:44:50
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Source : AGRA 10 Sec. (8640 samples)