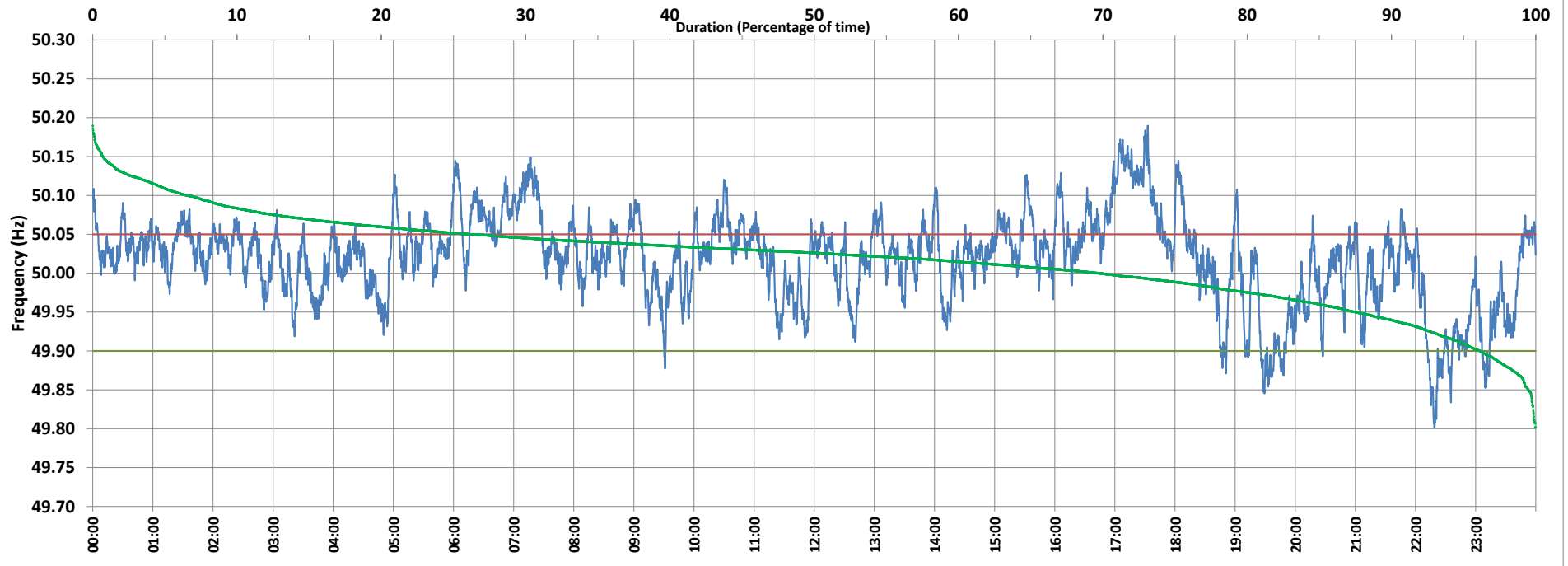


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-May-2021 (Sunday)



<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	3.88	18.06	0.00	3.88	26.41	63.17	6.54	69.88	100.00	36.23	19.70	69.71	45.72	26.24	0.00	12.44	61.32	8.56

Average Frequency : 50.018	Frequency Variation Index : 0.0361	Standard Deviation : 0.0572	Mileage: 43.0	FDI: 30.1
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Instantaneous Frequency		
Max	50.190	17:32:50
Min	49.802	22:18:50

15 minute Average Frequency		
Max	50.144	17:15:00
Min	49.862	22:30:00

No. of excursions	
above 50.03 Hz	217
below 49.97 Hz	72
above 50.00 Hz	124
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:03:37
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	7:13:40
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Source : AGRA 10 Sec. (8640 samples)