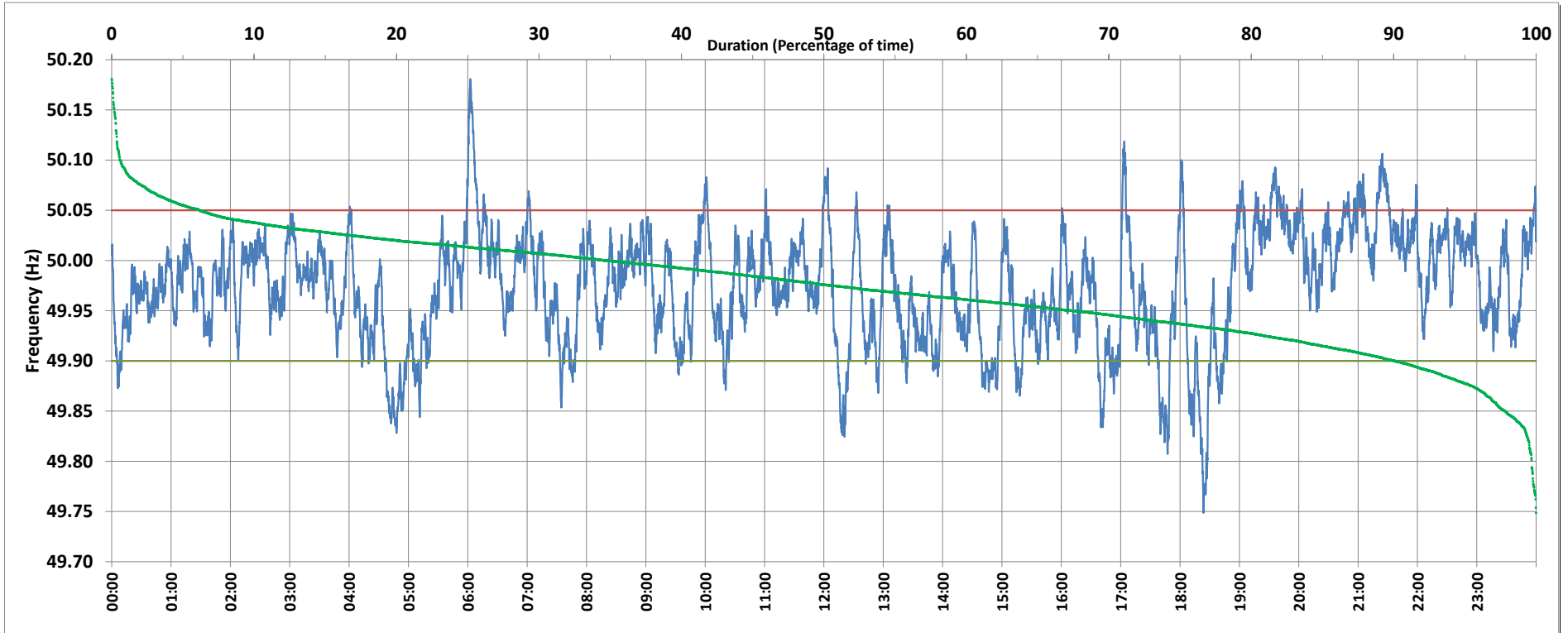


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Oct-2018 (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	9.90	46.15	0.31	9.58	55.29	34.21	0.60	83.92	100.00	40.08	5.60	34.72	13.77	6.18	0.00	32.49	61.33	22.59

Average Frequency : 49.973	Frequency Variation Index : 0.038	Standard Deviation : 0.056	Mileage: 44.6	FDI: 16.1
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Instantaneous Frequency		
Max	50.181	6:02:30
Min	49.749	18:23:40

15 minute Average Frequency		
Max	50.086	6:15:00
Min	49.837	18:30:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	140
above 50.00 Hz	139
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:04:45
above 50.03	0:01:31

No. of hours freq outside 49.9-50.05 Hz	3:51:30
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Source : HISSAR:Frequency 10 Sec. (8640 samples)