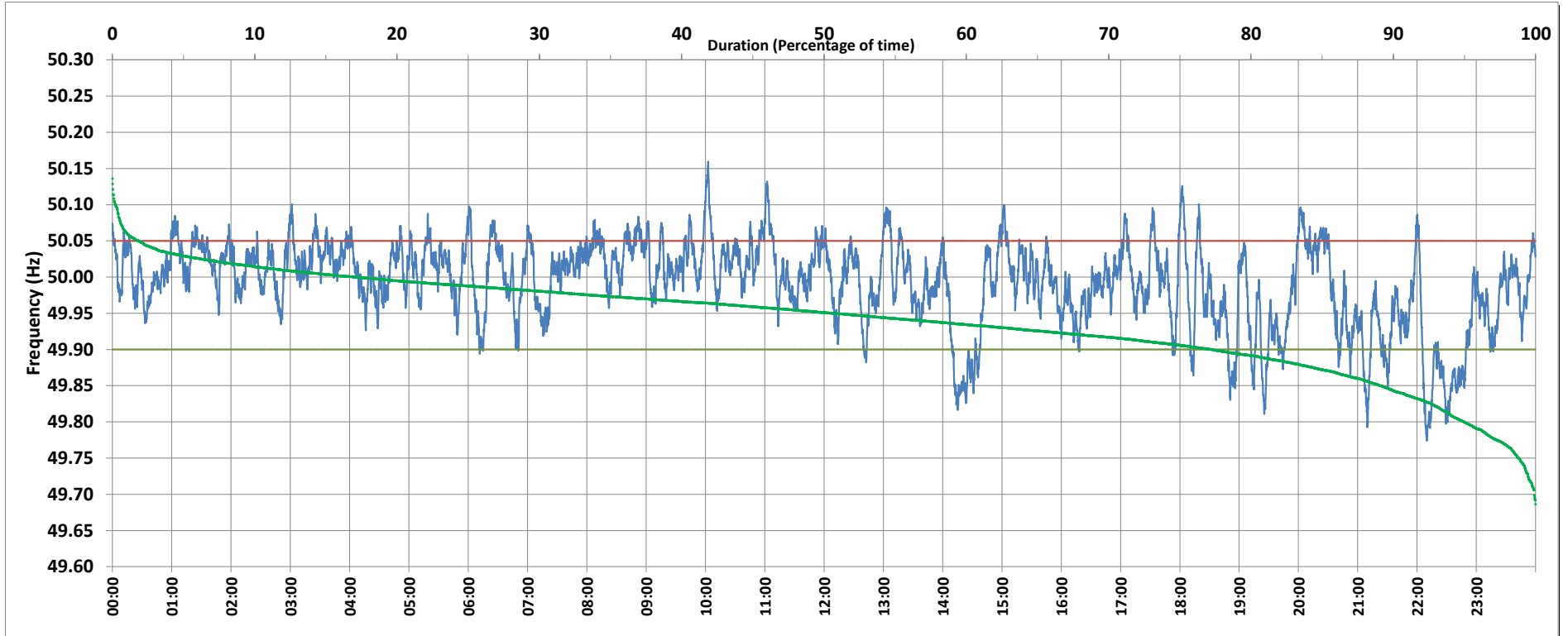


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-May-2019 (Tuesday)



<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	8.50	28.91	0.32	8.17	40.82	49.91	0.78	78.78	100.00	44.17	12.08	50.63	26.92	12.72	0.00	19.94	67.34	11.45

Average Frequency : 49.991	Frequency Variation Index : 0.0347	Standard Deviation : 0.0583	Mileage: 45.6	FDI: 21.2
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Instantaneous Frequency		
Max	50.160	10:02:40
Min	49.774	22:09:50

15 minute Average Frequency		
Max	50.056	20:15:00
Min	49.848	22:45:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	139
above 50.00 Hz	175
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:03:00
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	5:05:30
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Source : HISSAR:Frequency 10 Sec. (8640 samples)