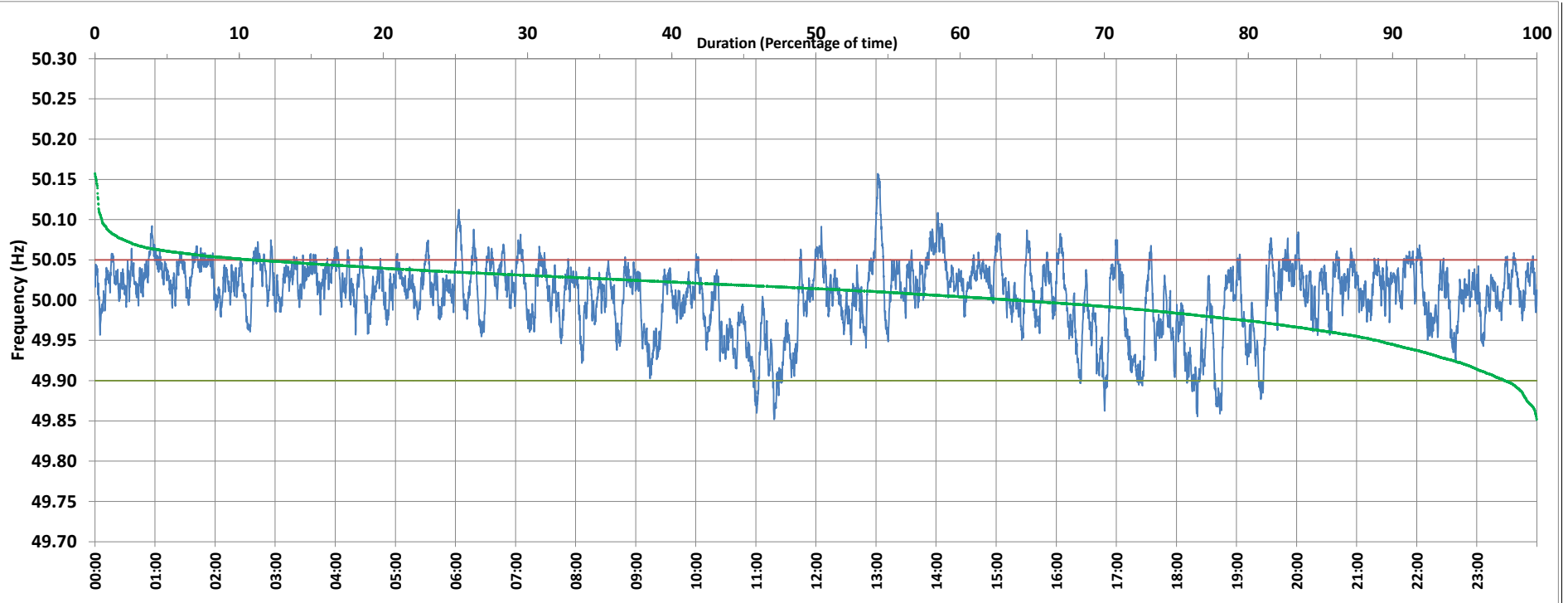


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Sep-2020 (Monday)



<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	2.21	18.02	0.00	2.21	33.95	63.36	0.49	86.97	100.00	50.98	10.42	63.74	31.00	10.82	0.00	10.00	78.13	7.79

Average Frequency : 50.006	Frequency Variation Index : 0.0186	Standard Deviation : 0.0427	Mileage: 44.4	FDI: 13.0
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Instantaneous Frequency		
Max	50.157	13:01:50
Min	49.852	11:18:20

15 minute Average Frequency		
Max	50.058	14:15:00
Min	49.908	11:30:00

No. of excursions	
above 50.03 Hz	251
below 49.97 Hz	91
above 50.00 Hz	185
below 50.00 Hz	184

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:01:47

No. of hours freq outside 49.9-50.05 Hz	3:07:40
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)