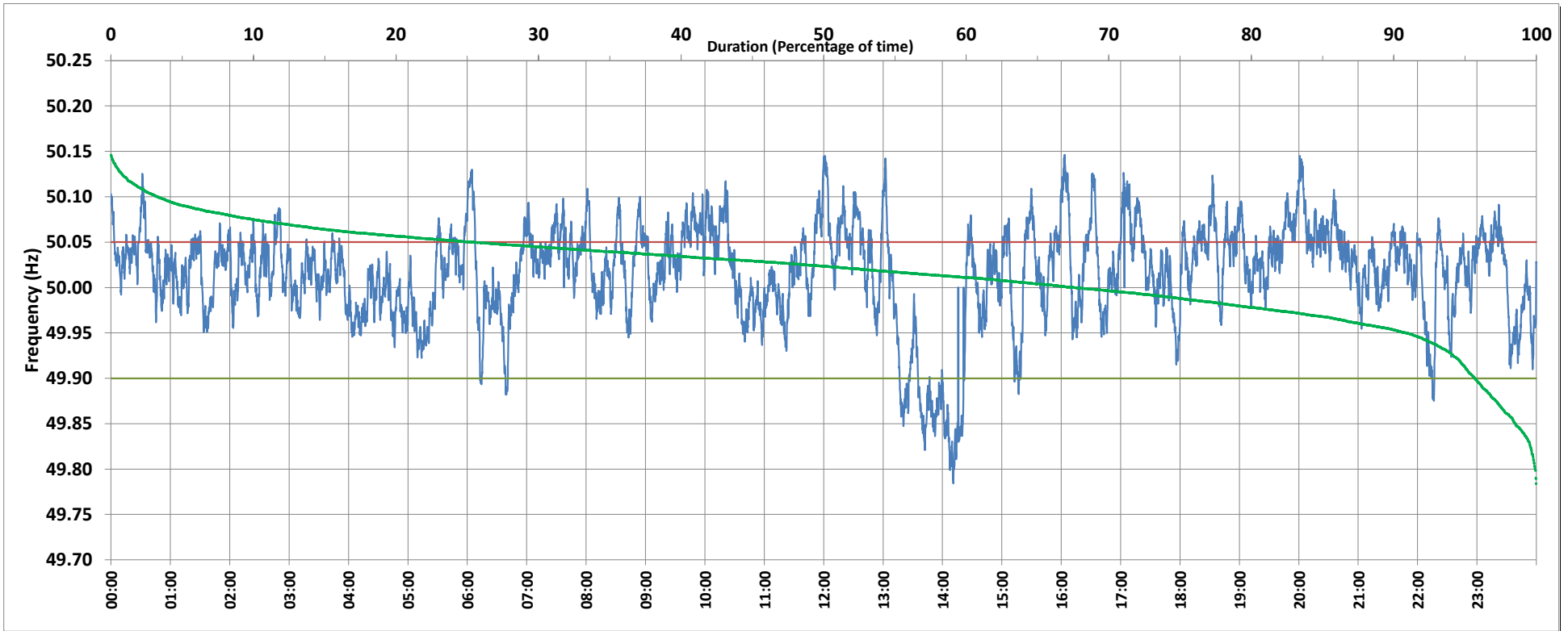


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Sep-2019 (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	4.32	16.00	0.08	4.24	28.03	64.36	3.29	70.34	100.00	39.72	22.18	67.52	44.28	25.35	0.00	9.11	65.54	4.79

Average Frequency : 50.016	Frequency Variation Index : 0.0315	Standard Deviation : 0.0539	Mileage: 47.9	FDI: 29.7
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Instantaneous Frequency		
Max	50.146	16:03:30
Min	49.784	14:10:50

15 minute Average Frequency		
Max	50.081	20:15:00
Min	49.834	14:15:00

No. of excursions	
above 50.03 Hz	210
below 49.97 Hz	104
above 50.00 Hz	165
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:02:13
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	7:07:10
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Source : HISSAR:Frequency 10 Sec. (8640 samples)