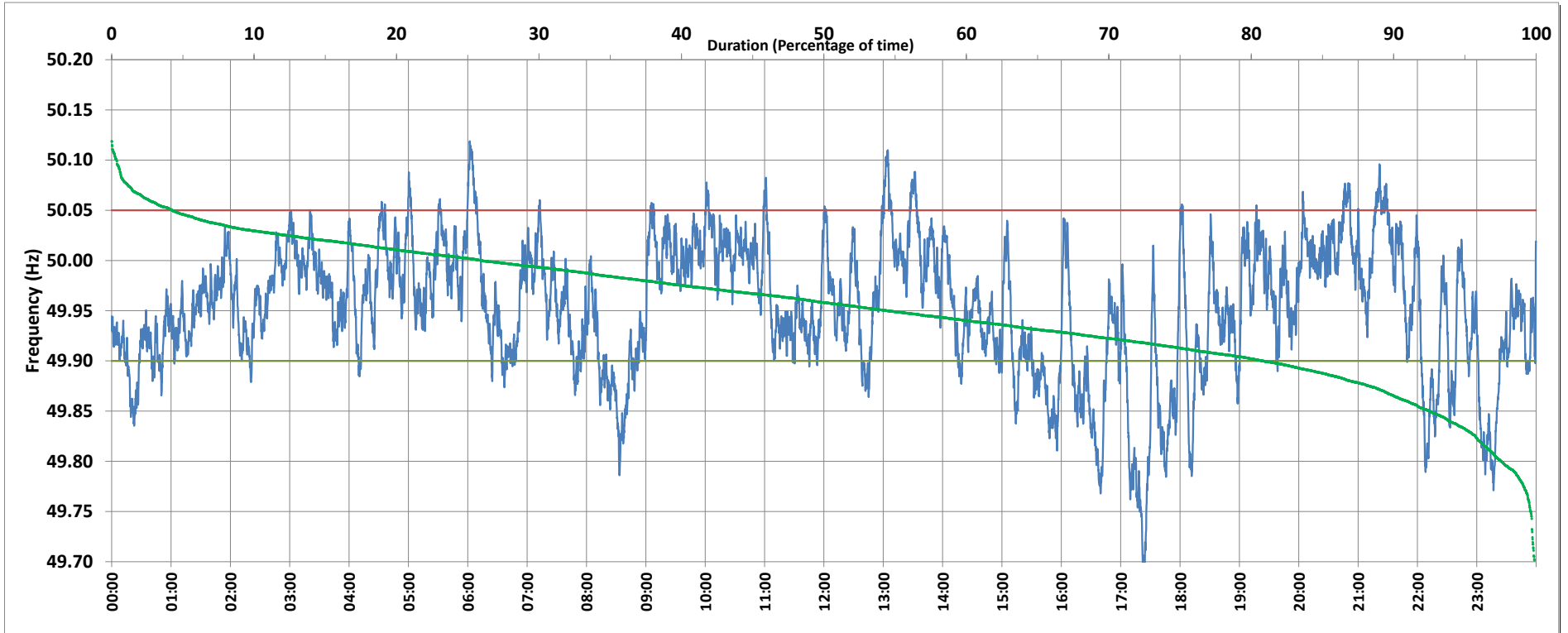


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Oct-2018 (Saturday)



<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
0.1	19.1	56.8	2.3	16.7	54.8	25.7	0.3	76.6	99.9	33.4	3.9	25.9	9.8	4.3	0.0	45.5	50.2	26.4

Average Frequency : 49.953	Frequency Variation Index : 0.065	Standard Deviation : 0.066	Mileage: 46.9	FDI: 23.4
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Instantaneous Frequency		
Max	50.119	6:02:00
Min	49.687	17:24:10

15 minute Average Frequency		
Max	50.058	21:30:00
Min	49.756	17:30:00

No. of excursions	
above 50.03 Hz	100
below 49.97 Hz	140
above 50.00 Hz	138
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:05:51
above 50.03	0:01:25

No. of hours freq outside 49.9-50.05 Hz	5:37:00
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Source : HISSAR:Frequency 10 Sec. (8640 samples)