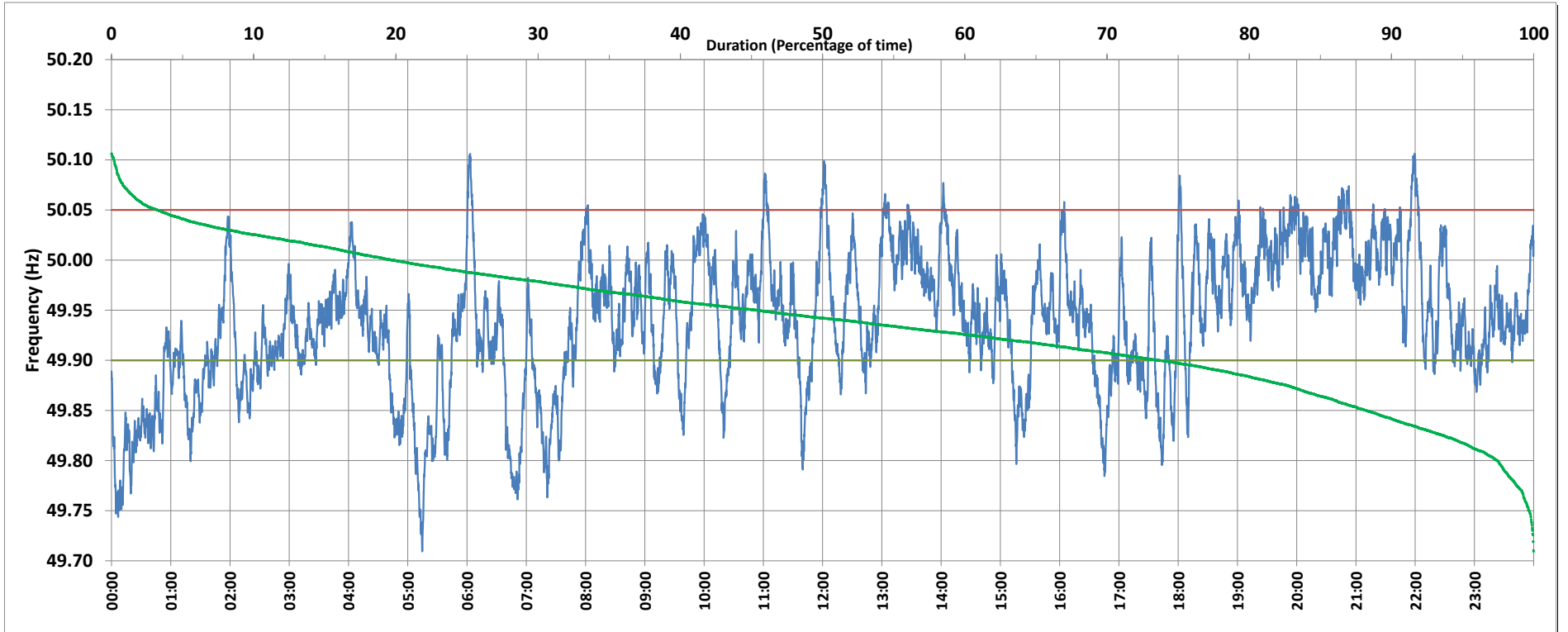


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-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
0.0	26.3	65.9	2.5	23.8	53.8	19.7	0.2	70.5	100.0	25.8	3.1	19.8	8.2	3.2	0.0	54.6	42.2	28.3

Average Frequency : 49.939	Frequency Variation Index : 0.084	Standard Deviation : 0.068	Mileage: 47.4	FDI: 29.5
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Instantaneous Frequency		
Max	50.106	21:59:10
Min	49.709	5:14:30

15 minute Average Frequency		
Max	50.035	20:00:00
Min	49.790	0:15:00

No. of excursions	
above 50.03 Hz	91
below 49.97 Hz	121
above 50.00 Hz	95
below 50.00 Hz	96

Average time freq per excursion remains	
below 49.97	0:07:51
above 50.03	0:01:18

No. of hours freq outside 49.9-50.05 Hz	7:05:00
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Source : HISSAR:Frequency 10 Sec. (8640 samples)