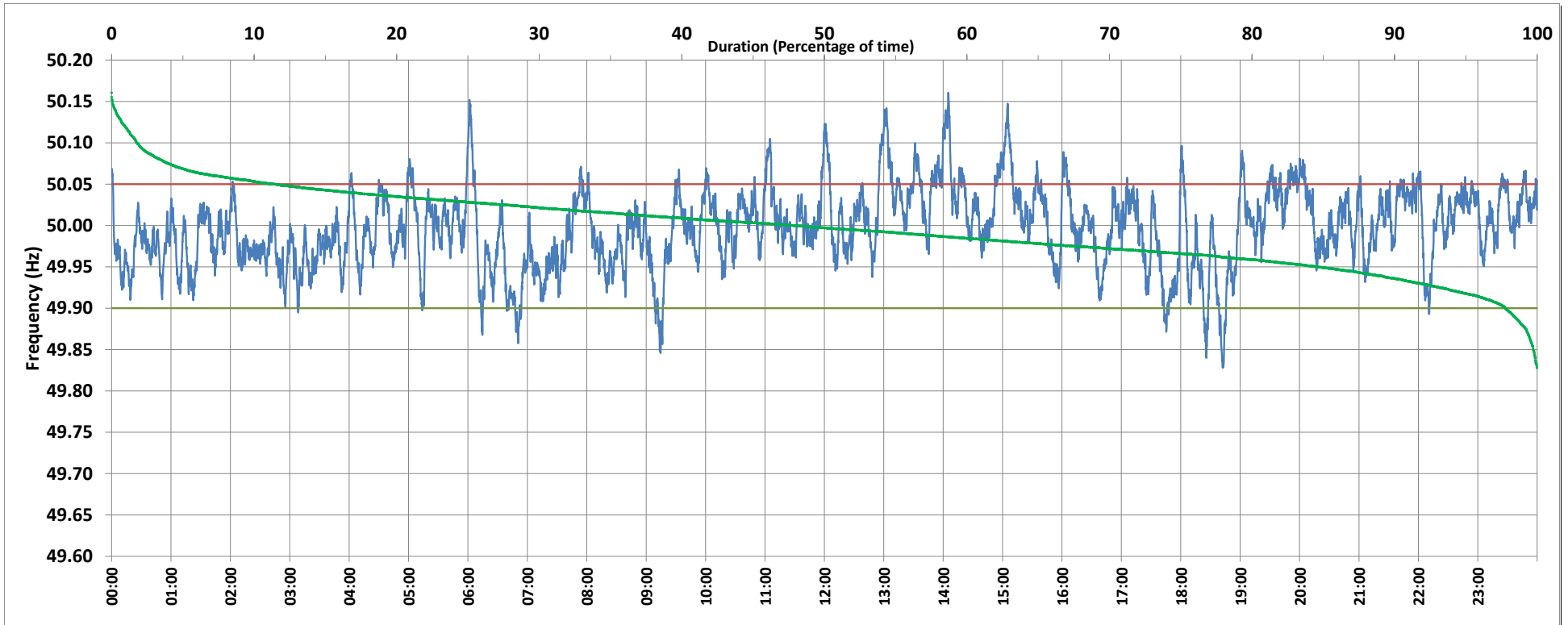


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Sep-2018 (Friday)



<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	2.2	28.0	0.0	2.2	49.8	46.2	1.8	86.3	100.0	48.3	9.8	47.9	23.7	11.4	0.0	15.4	73.1	13.2

Average Frequency : 49.996	Frequency Variation Index : 0.022	Standard Deviation : 0.047	Mileage: 44.5	FDI: 13.7
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Instantaneous Frequency		
Max	50.161	14:05:10
Min	49.828	18:42:20

15 minute Average Frequency		
Max	50.080	15:15:00
Min	49.914	7:00:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	175
above 50.00 Hz	196
below 50.00 Hz	193

Average time freq per excursion remains	
below 49.97	0:02:18
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	3:16:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)