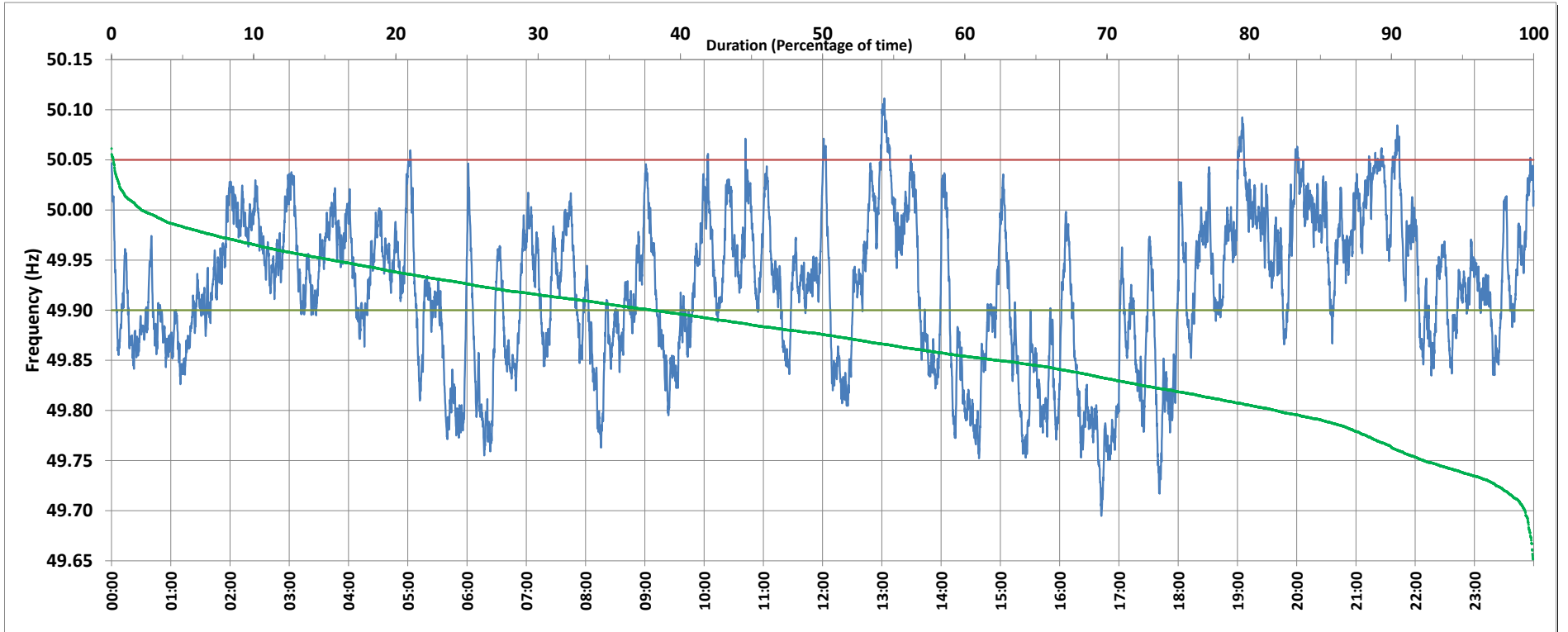


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Oct-2018 (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
0.0	37.6	72.3	7.7	29.9	46.8	15.4	0.2	60.3	100.0	21.8	2.0	15.5	5.9	2.1	0.0	61.9	35.9	24.3

Average Frequency : 49.921	Frequency Variation Index : 0.118	Standard Deviation : 0.074	Mileage: 46.4	FDI: 39.7
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Instantaneous Frequency		
Max	50.111	13:02:30
Min	49.695	16:42:10

15 minute Average Frequency		
Max	50.047	13:15:00
Min	49.763	16:45:00

No. of excursions	
above 50.03 Hz	50
below 49.97 Hz	120
above 50.00 Hz	96
below 50.00 Hz	94

Average time freq per excursion remains	
below 49.97	0:08:41
above 50.03	0:01:41

No. of hours freq outside 49.9-50.05 Hz	9:32:20
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Source : HISSAR:Frequency 10 Sec. (8640 samples)