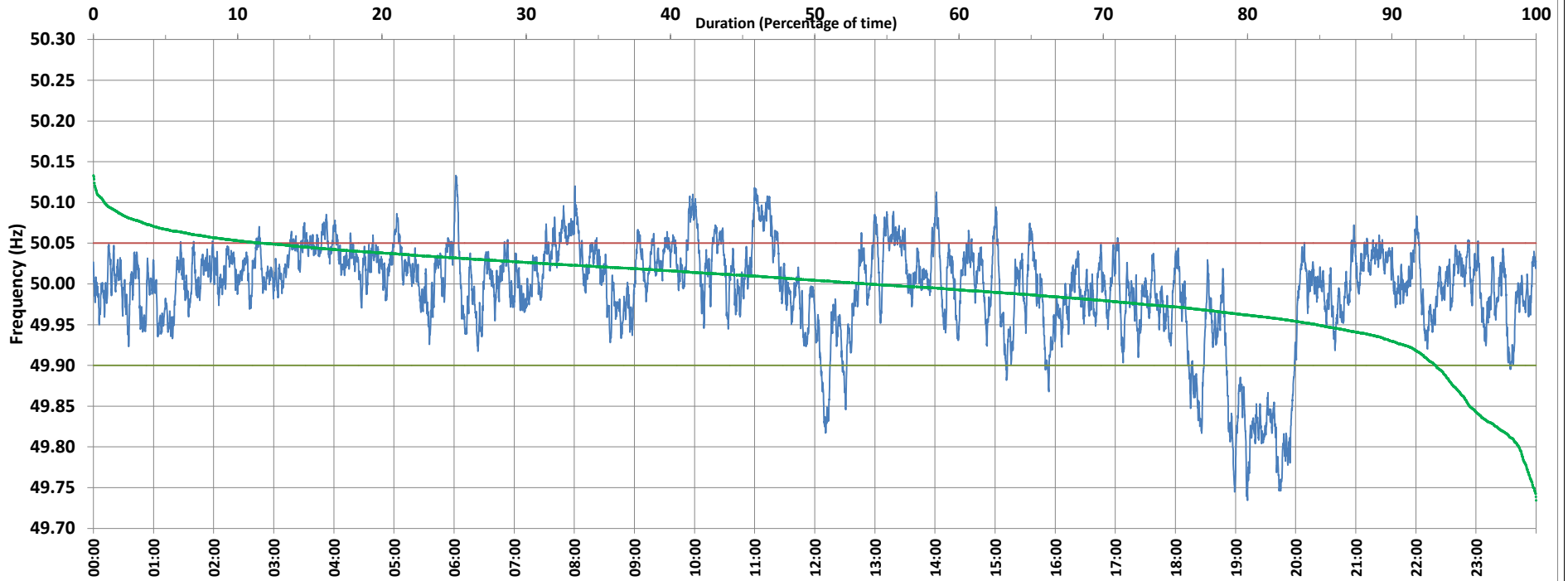


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Aug-2020 (Tuesday)



<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	6.96	23.91	1.20	5.75	39.21	53.06	0.78	81.28	100.00	49.25	11.10	53.76	26.84	11.76	0.00	10.00	73.03	3.04

Average Frequency : 49.995	Frequency Variation Index : 0.0354	Standard Deviation : 0.0592	Mileage: 43.7	FDI: 18.7
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Instantaneous Frequency		
Max	50.133	6:01:40
Min	49.735	19:11:50

15 minute Average Frequency		
Max	50.092	11:15:00
Min	49.817	19:45:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	116
above 50.00 Hz	213
below 50.00 Hz	211

Average time freq per excursion remains	
below 49.97	0:02:58
above 50.03	0:02:07

No. of hours freq outside 49.9-50.05 Hz	4:29:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)