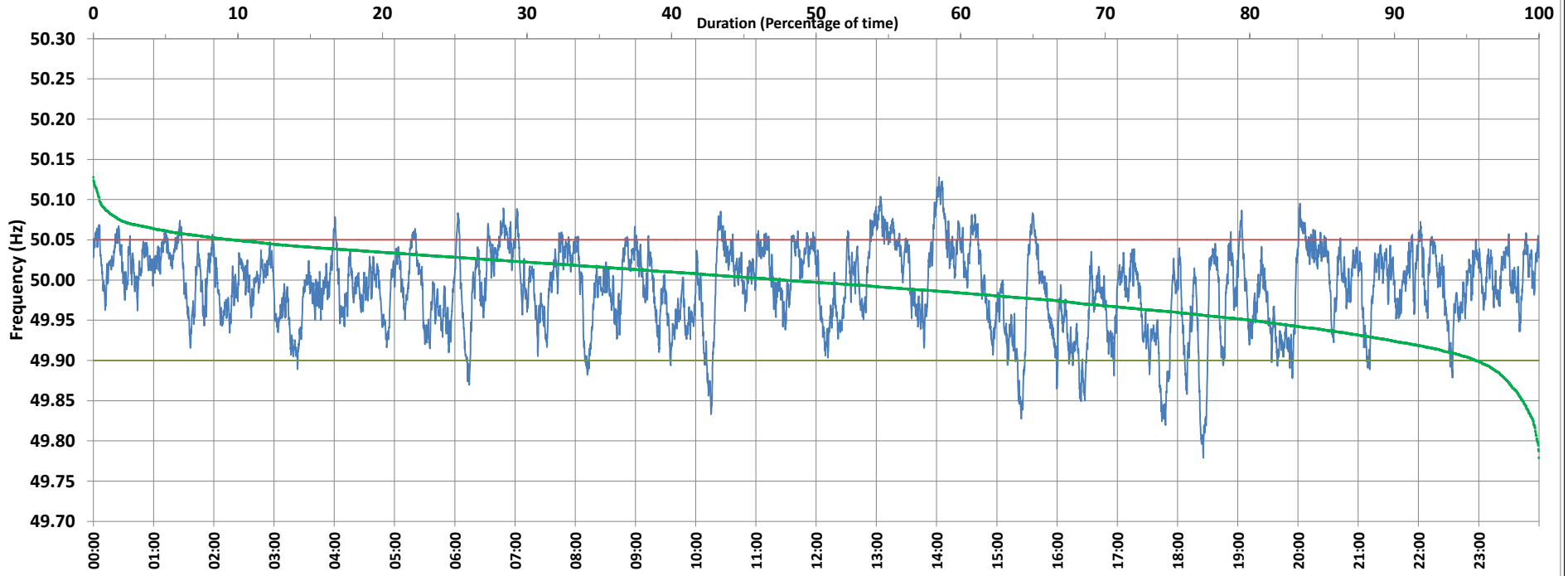


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Aug-2020 (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
0.00	4.38	31.17	0.12	4.26	47.87	47.34	0.42	86.03	100.00	45.25	9.26	47.72	23.58	9.59	0.00	19.81	70.59	15.44

Average Frequency : 49.991	Frequency Variation Index : 0.0259	Standard Deviation : 0.0501	Mileage: 46.3	FDI: 14.0
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Instantaneous Frequency		
Max	50.128	14:02:20
Min	49.779	18:25:30

15 minute Average Frequency		
Max	50.078	14:15:00
Min	49.887	18:30:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	129
above 50.00 Hz	177
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:03:29
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	3:21:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)