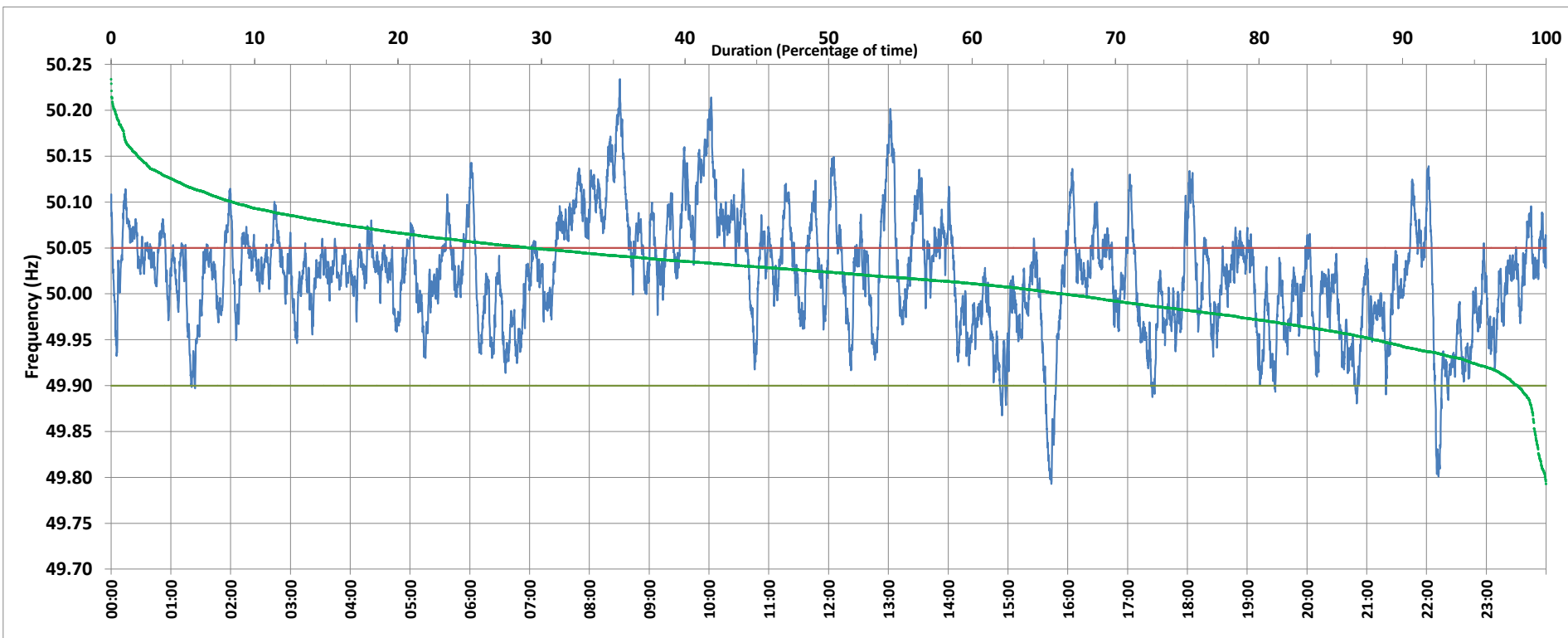


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Jul-2019 (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	1.98	19.26	0.06	1.92	31.66	57.86	8.25	68.78	99.75	36.20	20.75	66.28	44.54	29.24	0.25	11.93	58.83	9.95

Average Frequency : 50.021	Frequency Variation Index : 0.0401	Standard Deviation : 0.0598	Mileage: 46.4	FDI: 31.2
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Instantaneous Frequency		
Max	50.234	8:30:30
Min	49.793	15:43:30

15 minute Average Frequency		
Max	50.148	8:30:00
Min	49.897	15:45:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	105
above 50.00 Hz	131
below 50.00 Hz	128

Average time freq per excursion remains	
below 49.97	0:02:38
above 50.03	0:03:29

No. of hours freq outside 49.9-50.05 Hz	7:29:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)