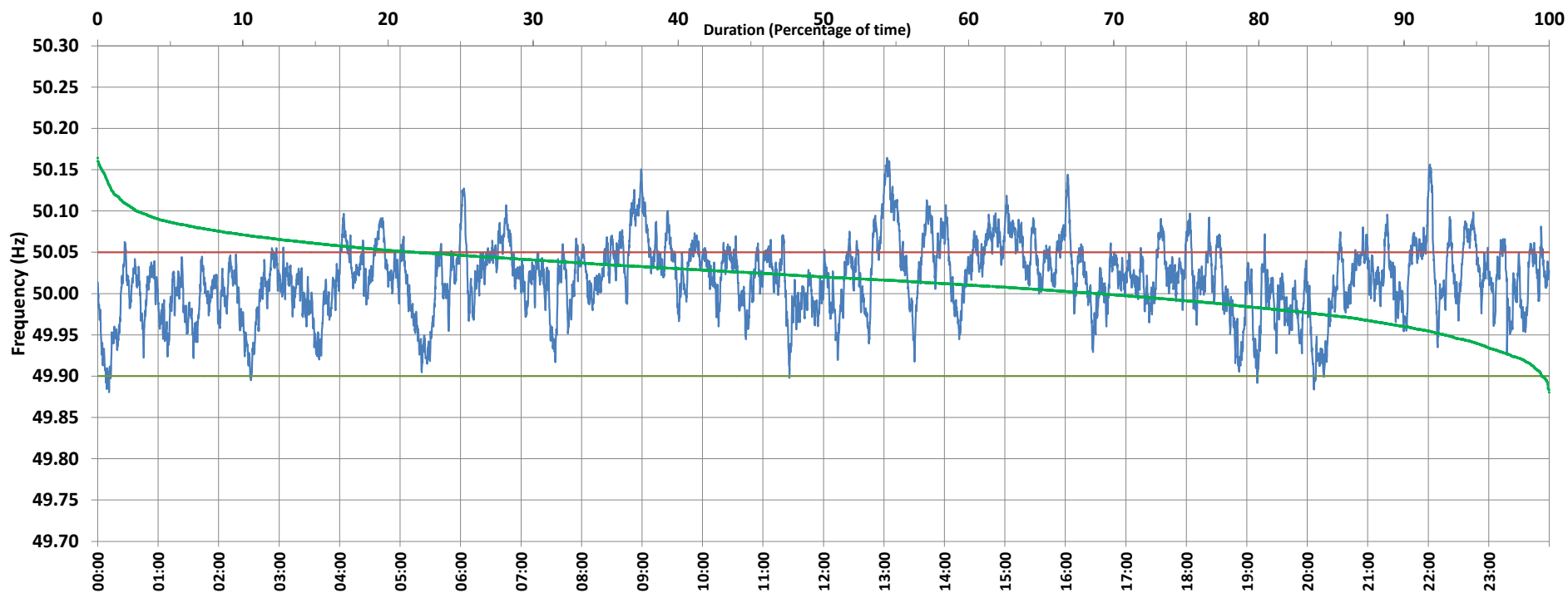


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jul-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	0.47	13.29	0.00	0.47	30.47	66.34	2.71	77.62	100.00	46.44	19.36	68.97	40.28	21.91	0.00	7.18	70.91	6.70

Average Frequency : 50.018	Frequency Variation Index : 0.0225	Standard Deviation : 0.0439	Mileage: 44.0	FDI: 22.4
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Instantaneous Frequency		
Max	50.164	13:03:00
Min	49.881	0:11:10

15 minute Average Frequency		
Max	50.123	13:15:00
Min	49.929	0:15:00

No. of excursions	
above 50.03 Hz	198
below 49.97 Hz	85
above 50.00 Hz	186
below 50.00 Hz	184

Average time freq per excursion remains	
below 49.97	0:02:15
above 50.03	0:02:56

No. of hours freq outside 49.9-50.05 Hz	5:22:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)