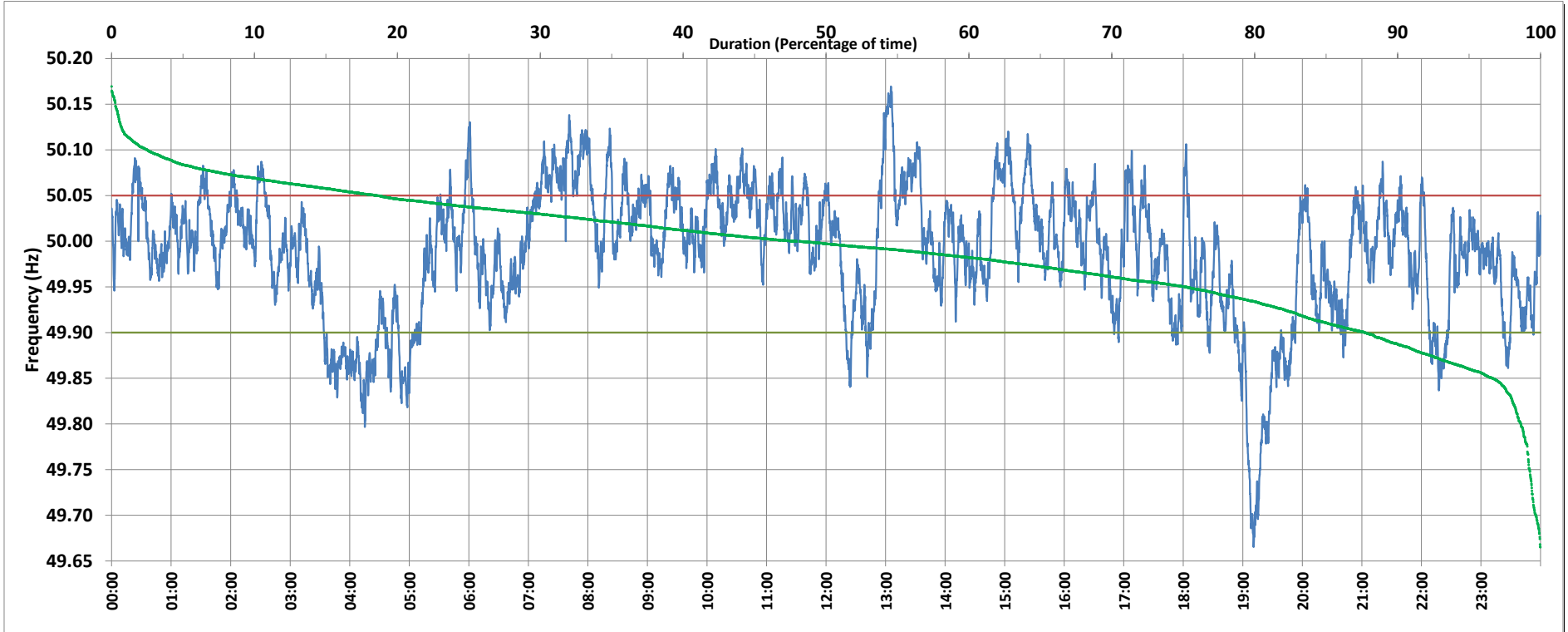


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Aug-2019 (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
0.32	12.27	33.89	1.04	10.90	39.57	45.63	2.53	69.11	99.68	36.22	16.12	47.92	29.90	18.62	0.00	24.77	56.61	12.50

Average Frequency : 49.988	Frequency Variation Index : 0.0521	Standard Deviation : 0.0712	Mileage: 47.2	FDI: 30.9
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Instantaneous Frequency		
Max	50.170	13:05:20
Min	49.665	19:10:50

15 minute Average Frequency		
Max	50.099	13:15:00
Min	49.759	19:15:00

No. of excursions	
above 50.03 Hz	146
below 49.97 Hz	106
above 50.00 Hz	162
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:04:36
above 50.03	0:02:57

No. of hours freq outside 49.9-50.05 Hz	7:24:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)