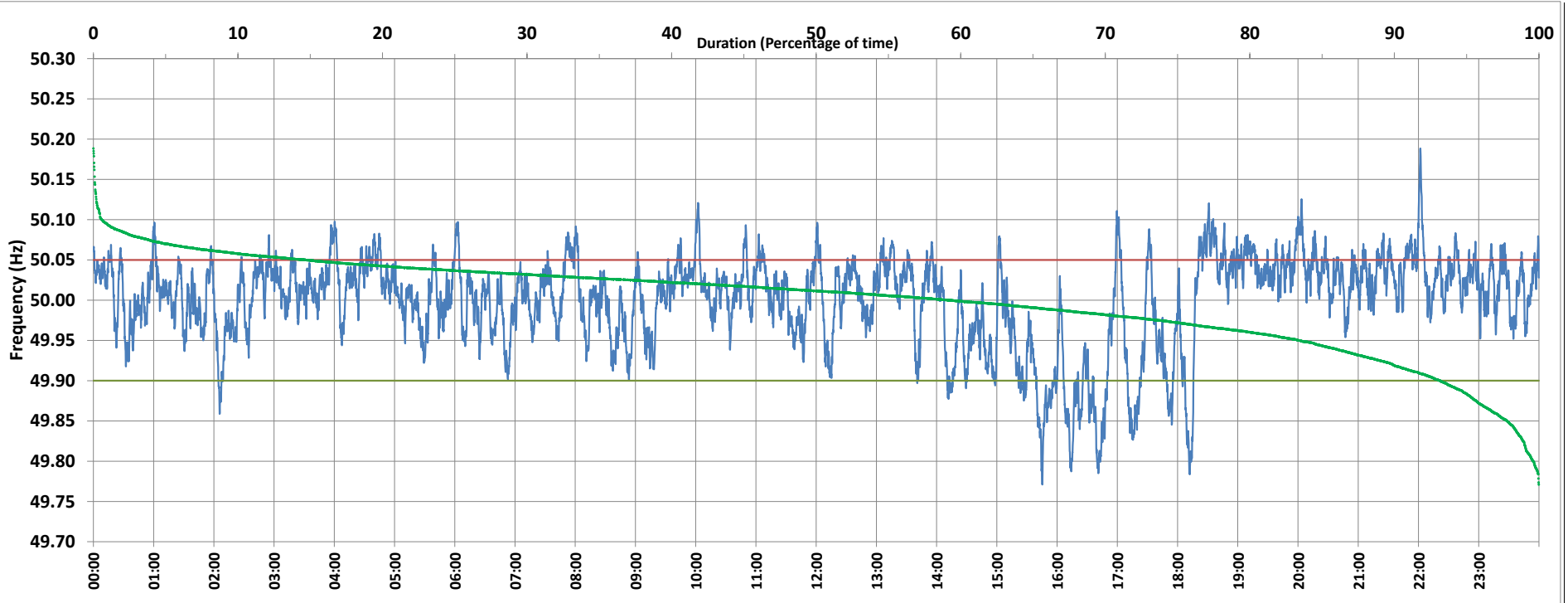


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Oct-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	6.83	24.16	0.41	6.42	33.94	58.66	0.58	78.51	100.00	44.02	14.20	59.13	31.83	14.66	0.00	16.55	68.78	9.72

Average Frequency : 49.999	Frequency Variation Index : 0.0322	Standard Deviation : 0.0567	Mileage: 49.8	FDI: 21.5
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Instantaneous Frequency		
Max	50.189	22:01:50
Min	49.771	15:45:10

15 minute Average Frequency		
Max	50.065	18:45:00
Min	49.849	16:45:00

No. of excursions	
above 50.03 Hz	226
below 49.97 Hz	113
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	5:09:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)