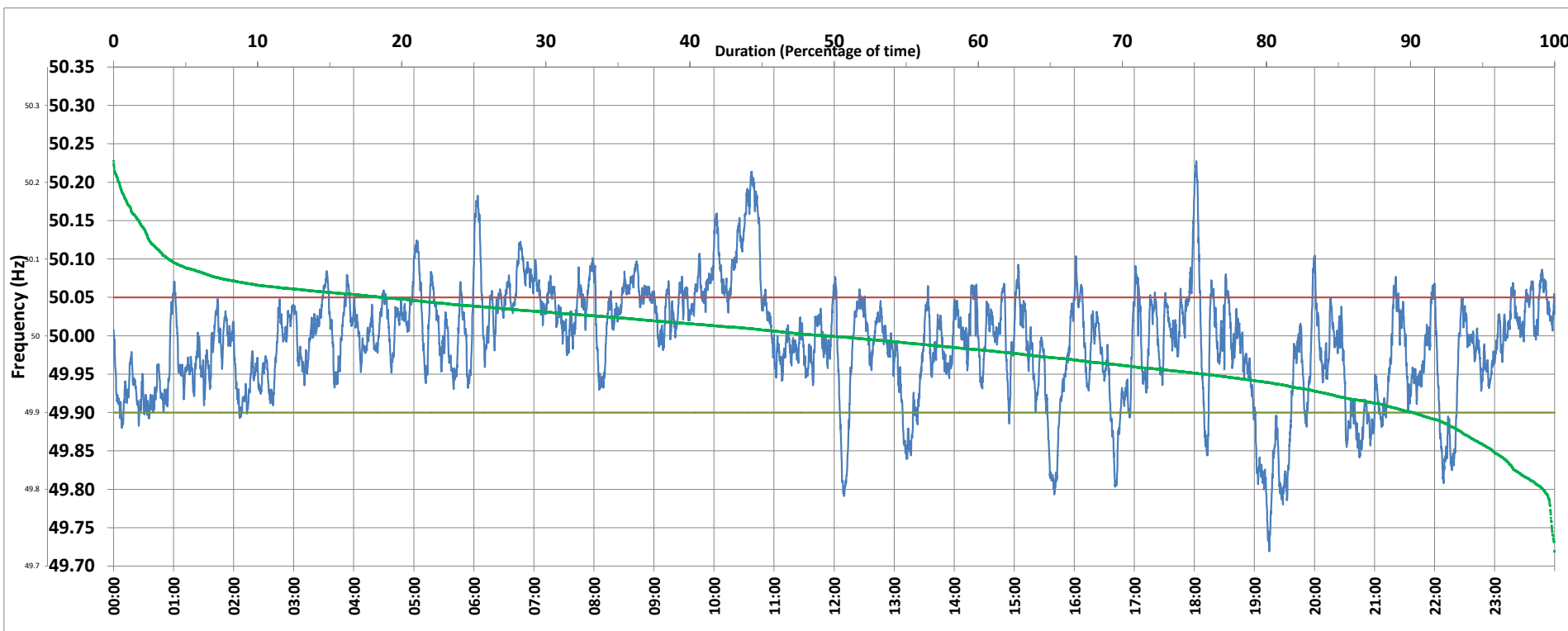


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Apr-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	9.81	33.85	0.81	9.00	40.76	45.60	3.44	71.59	99.62	35.53	14.85	49.25	30.61	18.60	0.38	24.33	57.07	14.51

Average Frequency : 49.992	Frequency Variation Index : 0.0511	Standard Deviation : 0.0711	Mileage: 39.9	FDI: 28.4
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Instantaneous Frequency		
Max	50.228	18:01:50
Min	49.719	19:14:40

15 minute Average Frequency		
Max	50.179	10:45:00
Min	49.814	19:15:00

No. of excursions	
above 50.03 Hz	128
below 49.97 Hz	103
above 50.00 Hz	135
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:04:44
above 50.03	0:03:27

No. of hours freq outside 49.9-50.05 Hz	6:49:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)