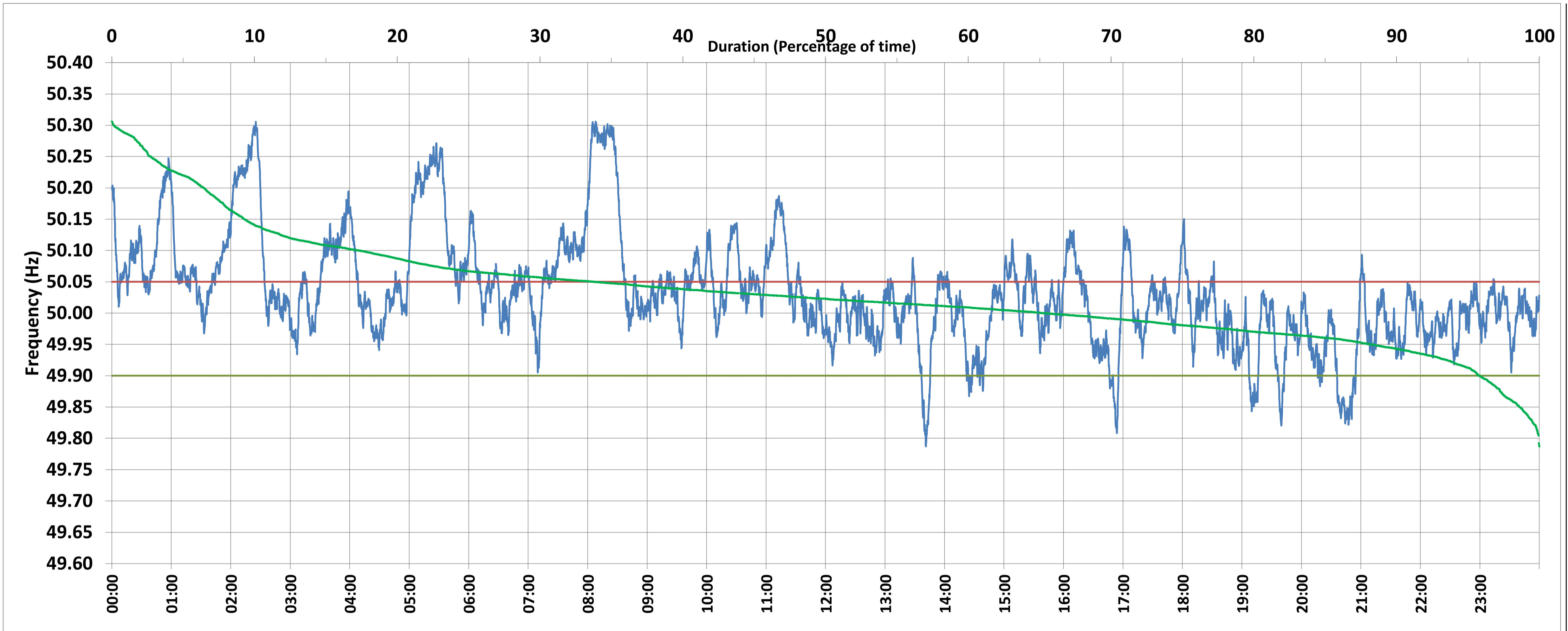


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-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	4.20	19.76	0.05	4.16	30.38	48.04	10.90	61.96	93.53	35.00	16.59	65.37	45.24	33.84	6.47	11.69	54.47	7.49

Average Frequency : 50.033	Frequency Variation Index : 0.0848	Standard Deviation : 0.0858	Mileage: 46.0	FDI: 38.0
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Instantaneous Frequency		
Max	50.306	8:08:00
Min	49.787	13:41:10

15 minute Average Frequency		
Max	50.276	8:30:00
Min	49.892	13:45:00

No. of excursions	
above 50.03 Hz	144
below 49.97 Hz	116
above 50.00 Hz	138
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:02:27
above 50.03	0:04:31

No. of hours freq outside 49.9-50.05 Hz	9:07:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)