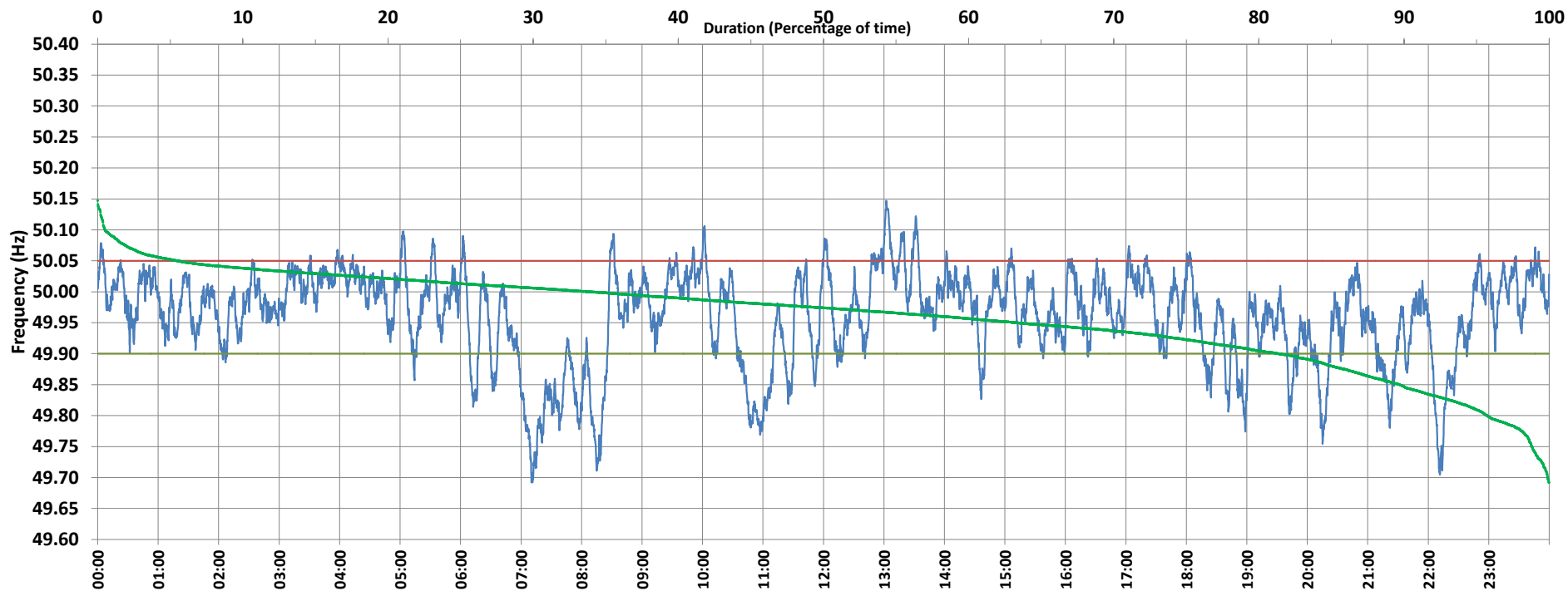


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Jul-2020 (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
0.10	18.62	47.47	4.16	14.36	47.43	33.45	0.50	75.86	99.90	37.91	5.03	33.87	14.63	5.52	0.00	36.63	57.85	18.01

Average Frequency : 49.960	Frequency Variation Index : 0.0714	Standard Deviation : 0.0743	Mileage: 45.2	FDI: 24.1
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Instantaneous Frequency		
Max	50.147	13:02:20
Min	49.692	7:10:20

15 minute Average Frequency		
Max	50.071	13:15:00
Min	49.764	7:15:00

No. of excursions	
above 50.03 Hz	132
below 49.97 Hz	129
above 50.00 Hz	140
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:05:18
above 50.03	0:01:36

No. of hours freq outside 49.9-50.05 Hz	5:47:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)