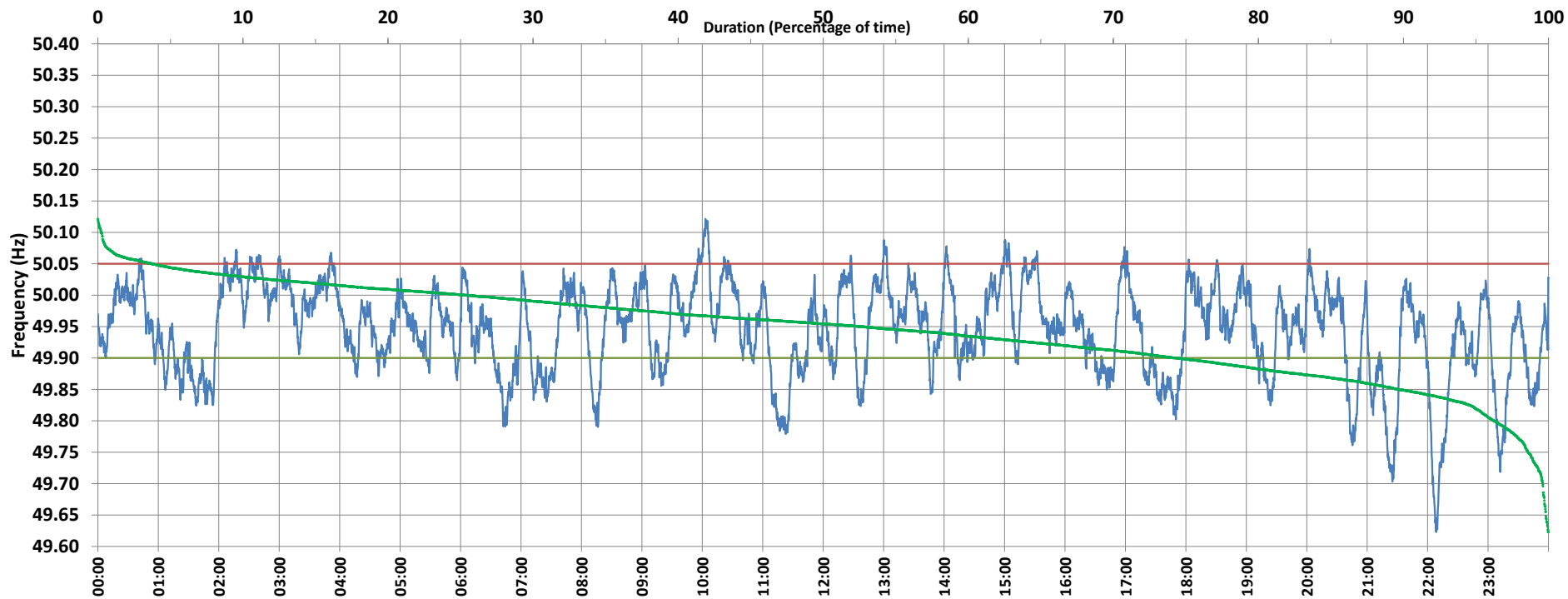


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Jul-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
0.39	25.65	59.98	3.37	21.89	48.99	25.14	0.22	70.65	99.61	30.30	3.50	25.31	9.72	3.70	0.00	47.35	48.95	21.70

Average Frequency : 49.945	Frequency Variation Index : 0.0834	Standard Deviation : 0.0726	Mileage: 44.0	FDI: 29.4
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Instantaneous Frequency		
Max	50.121	10:03:00
Min	49.623	22:08:30

15 minute Average Frequency		
Max	50.044	2:45:00
Min	49.730	22:15:00

No. of excursions	
above 50.03 Hz	90
below 49.97 Hz	111
above 50.00 Hz	106
below 50.00 Hz	104

Average time freq per excursion remains	
below 49.97	0:07:47
above 50.03	0:01:33

No. of hours freq outside 49.9-50.05 Hz	7:02:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)