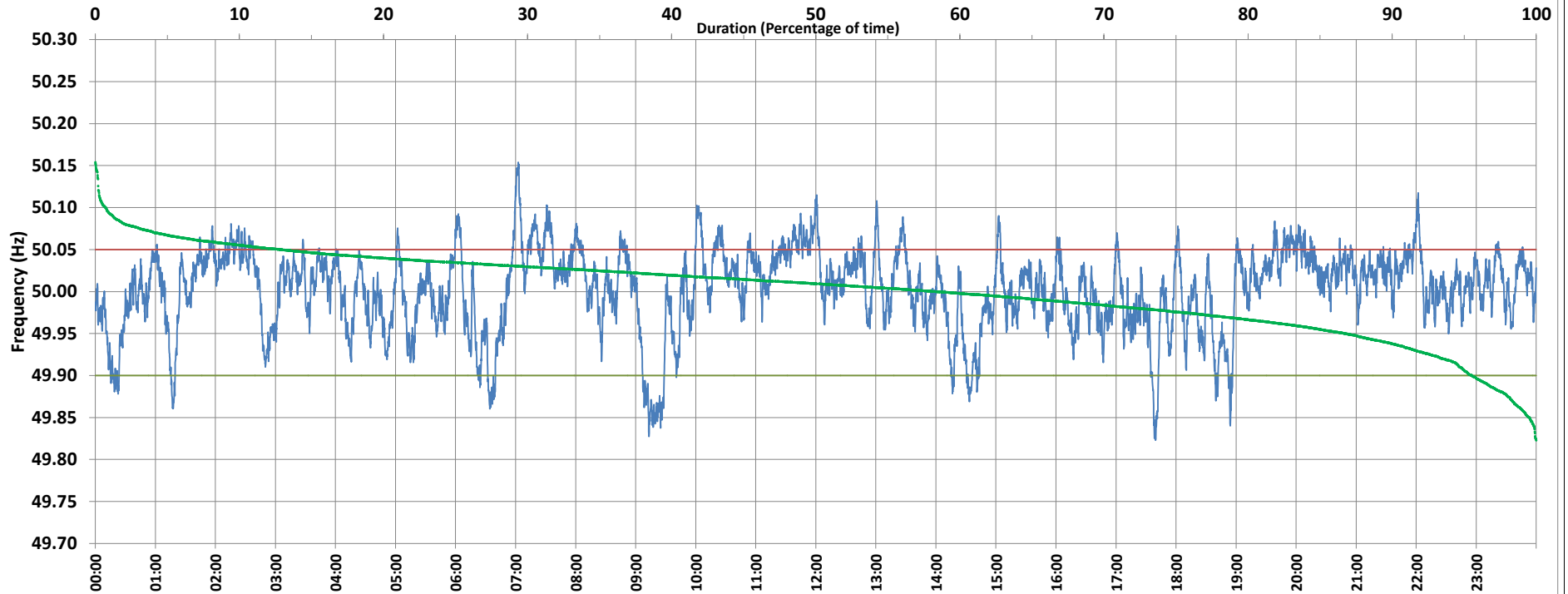


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Sep-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
0.00	4.44	21.74	0.00	4.44	37.16	57.67	0.72	82.71	100.00	48.63	12.20	58.31	29.63	12.85	0.00	10.00	73.94	5.56

Average Frequency : 50.002	Frequency Variation Index : 0.0232	Standard Deviation : 0.0482	Mileage: 47.4	FDI: 17.3
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Instantaneous Frequency		
Max	50.154	7:02:30
Min	49.823	17:39:30

15 minute Average Frequency		
Max	50.071	7:15:00
Min	49.867	9:30:00

No. of excursions	
above 50.03 Hz	226
below 49.97 Hz	137
above 50.00 Hz	199
below 50.00 Hz	200

Average time freq per excursion remains	
below 49.97	0:02:17
above 50.03	0:01:53

No. of hours freq outside 49.9-50.05 Hz	4:09:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)