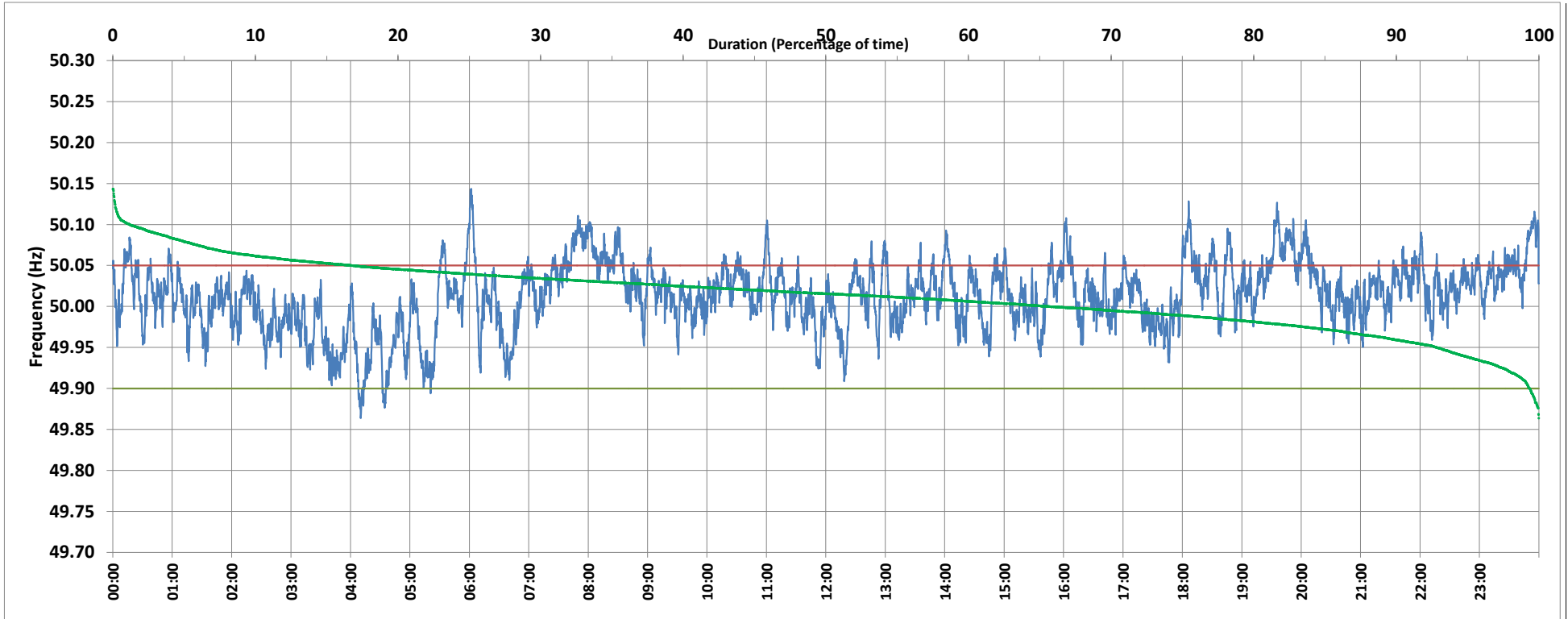


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Sep-2020 (Thursday)



<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	0.65	13.96	0.00	0.65	33.72	64.46	1.18	82.63	100.00	51.72	15.60	65.54	34.32	16.72	0.00	10.00	76.11	9.35

Average Frequency : 50.013	Frequency Variation Index : 0.0183	Standard Deviation : 0.0407	Mileage: 45.9	FDI: 17.4
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Instantaneous Frequency		
Max	50.143	6:01:50
Min	49.864	4:10:20

15 minute Average Frequency		
Max	50.087	8:00:00
Min	49.924	4:45:00

No. of excursions	
above 50.03 Hz	216
below 49.97 Hz	105
above 50.00 Hz	223
below 50.00 Hz	221

Average time freq per excursion remains	
below 49.97	0:01:55
above 50.03	0:02:17

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