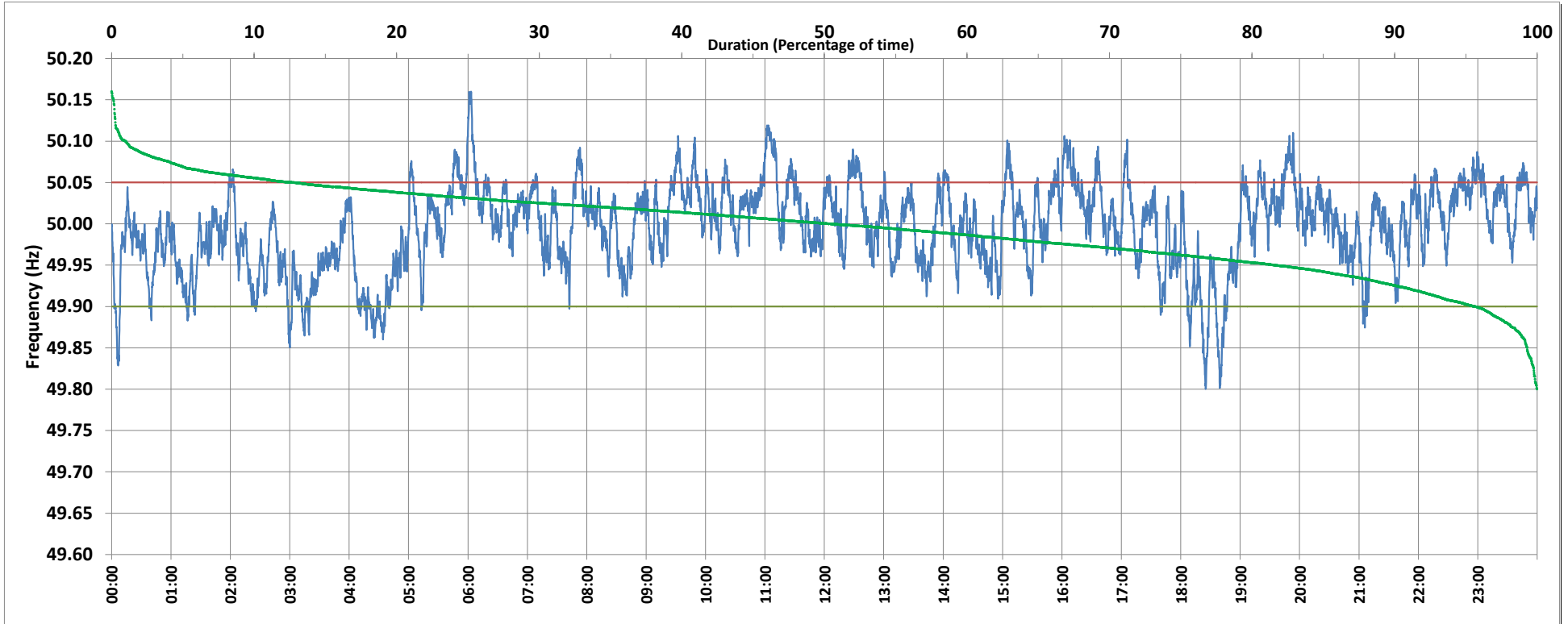


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Sep-2018 (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
0.0	4.3	29.5	0.0	4.3	45.2	49.5	1.0	82.9	100.0	44.5	11.9	50.5	26.0	12.8	0.0	18.4	68.8	14.1

Average Frequency : 49.995	Frequency Variation Index : 0.027	Standard Deviation : 0.051	Mileage: 49.3	FDI: 17.1
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Instantaneous Frequency		
Max	50.160	6:03:00
Min	49.800	18:25:10

15 minute Average Frequency		
Max	50.081	11:15:00
Min	49.885	18:45:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	149
above 50.00 Hz	192
below 50.00 Hz	192

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	4:06:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)