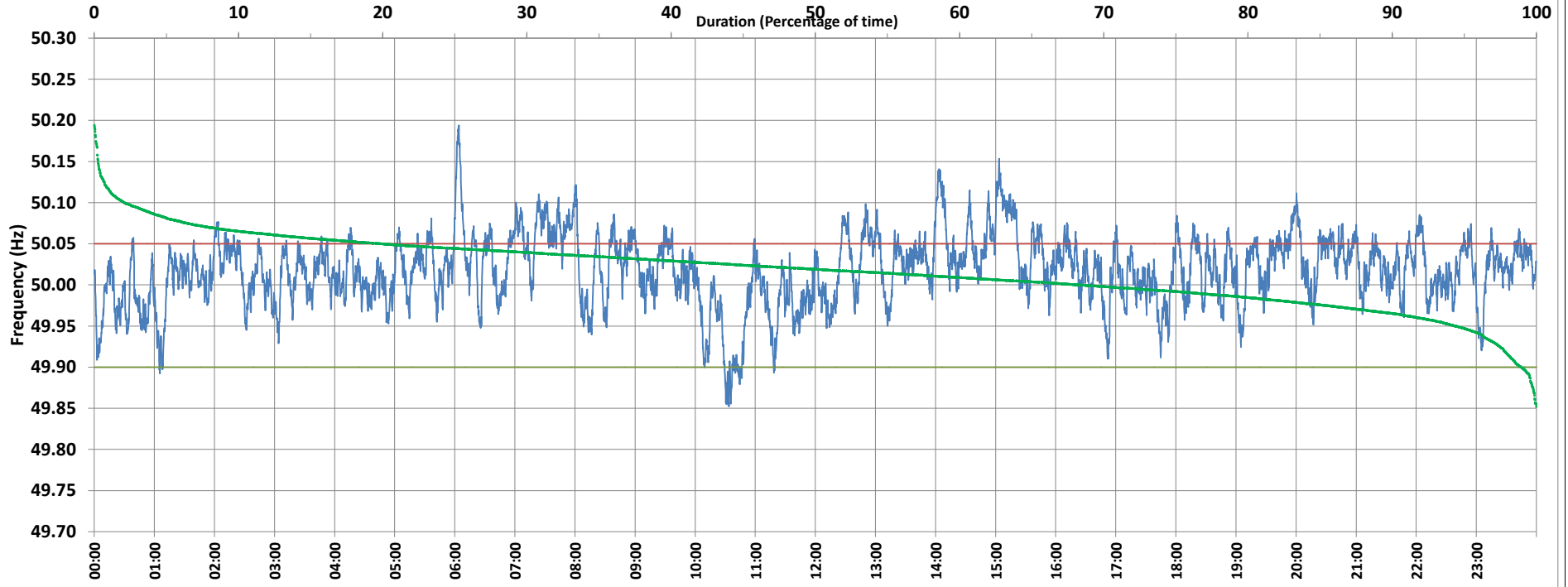


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Sep-2020 (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
0.00	1.04	12.11	0.00	1.04	30.61	66.27	2.07	79.02	100.00	48.60	17.94	68.23	39.29	19.94	0.00	10.00	74.46	8.96

Average Frequency : 50.017	Frequency Variation Index : 0.0207	Standard Deviation : 0.0422	Mileage: 44.9	FDI: 21.0
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Instantaneous Frequency		
Max	50.194	6:04:00
Min	49.852	10:33:30

15 minute Average Frequency		
Max	50.107	15:15:00
Min	49.888	10:45:00

No. of excursions	
above 50.03 Hz	211
below 49.97 Hz	109
above 50.00 Hz	213
below 50.00 Hz	213

Average time freq per excursion remains	
below 49.97	0:01:36
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	5:02:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)