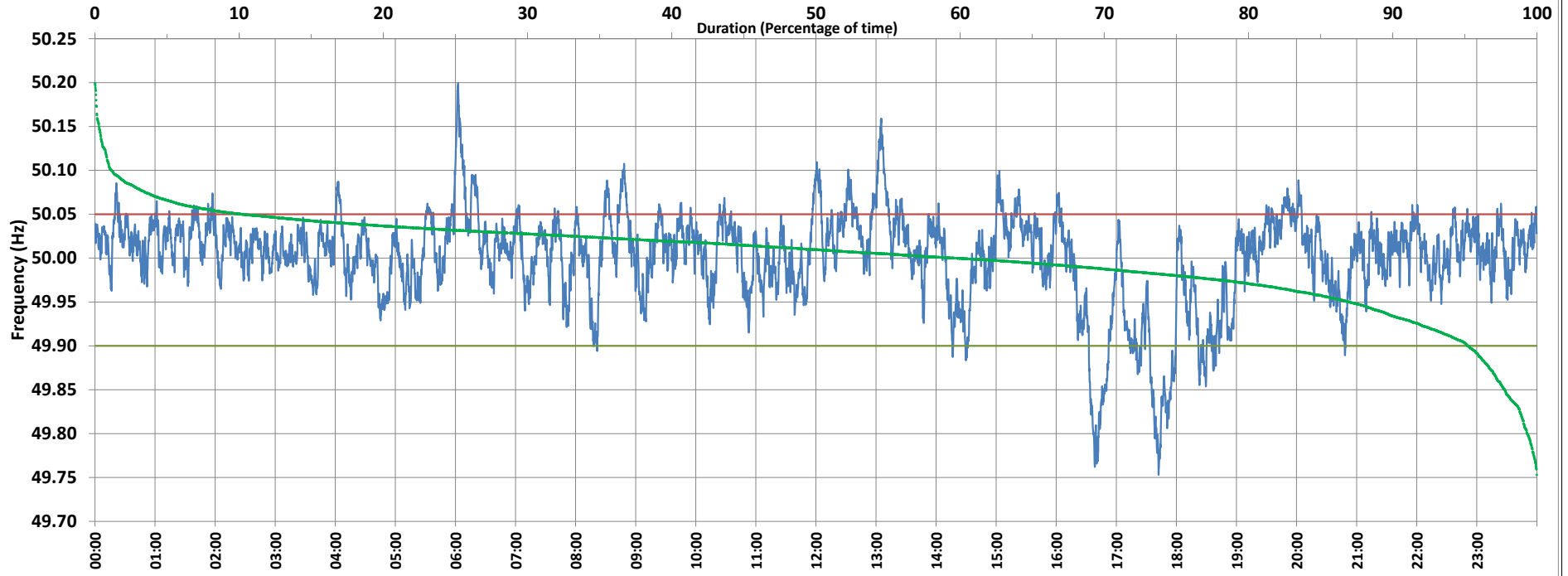


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Sep-2020 (Saturday)



<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	4.79	19.57	0.66	4.13	35.46	58.60	1.15	85.03	100.00	53.43	9.05	59.55	27.00	10.17	0.00	10.00	76.81	5.21

Average Frequency : 50.001	Frequency Variation Index : 0.0275	Standard Deviation : 0.0524	Mileage: 46.9	FDI: 15.0
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Instantaneous Frequency		
Max	50.199	6:02:40
Min	49.753	17:42:10

15 minute Average Frequency		
Max	50.102	6:15:00
Min	49.832	16:45:00

No. of excursions	
above 50.03 Hz	248
below 49.97 Hz	109
above 50.00 Hz	239
below 50.00 Hz	236

Average time freq per excursion remains	
below 49.97	0:02:35
above 50.03	0:01:34

No. of hours freq outside 49.9-50.05 Hz	3:35:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)