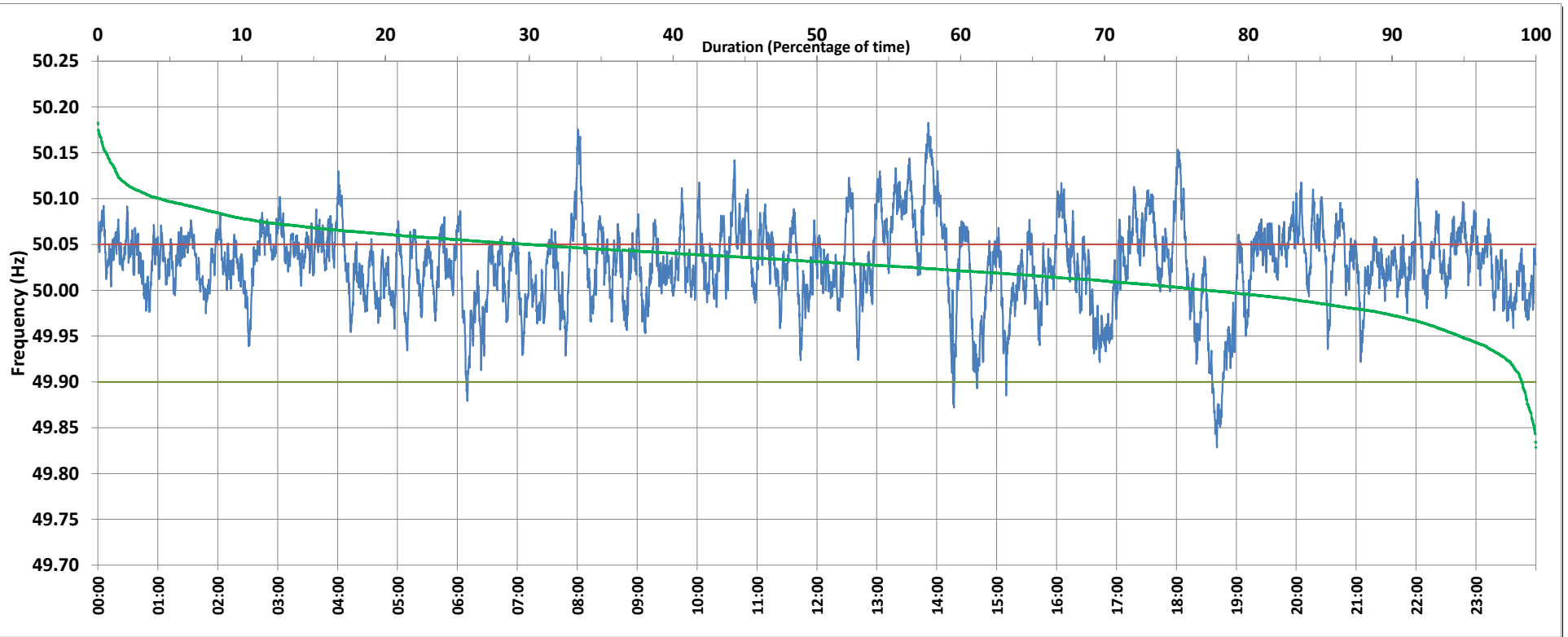


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Sep-2019 (Friday)



<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	0.98	9.16	0.00	0.98	21.77	72.89	4.35	69.11	100.00	39.49	25.68	77.08	51.35	29.91	0.00	5.29	64.80	4.31

Average Frequency : 50.028	Frequency Variation Index : 0.0278	Standard Deviation : 0.0447	Mileage: 49.3	FDI: 30.9
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Instantaneous Frequency		
Max	50.183	13:51:40
Min	49.829	18:40:30

15 minute Average Frequency		
Max	50.129	14:00:00
Min	49.894	18:45:00

No. of excursions	
above 50.03 Hz	235
below 49.97 Hz	66
above 50.00 Hz	153
below 50.00 Hz	154

Average time freq per excursion remains	
below 49.97	0:02:00
above 50.03	0:03:09

No. of hours freq outside 49.9-50.05 Hz	7:24:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)