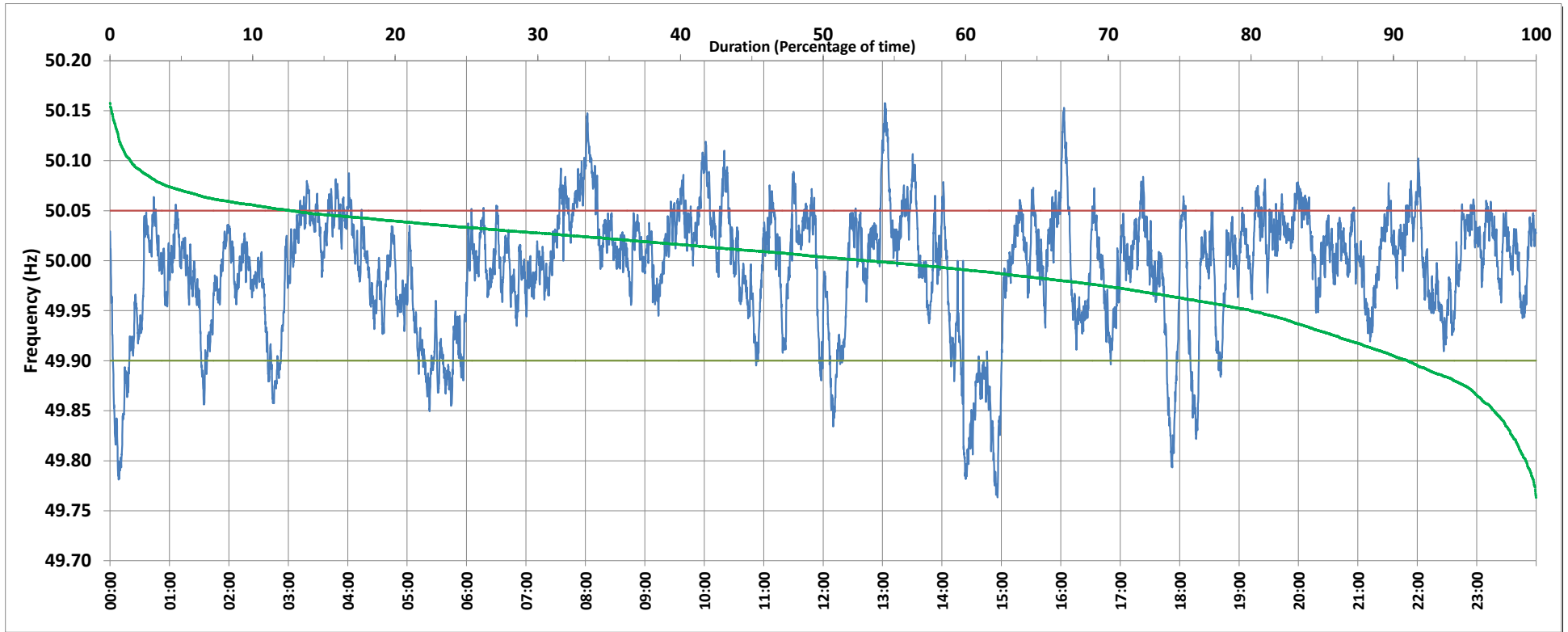


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Sep-2019 (Wednesday)



<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	9.03	28.06	0.73	8.30	37.65	51.90	1.42	78.22	100.00	44.18	11.41	53.16	27.77	12.75	0.00	19.97	67.28	10.94

Average Frequency : 49.993	Frequency Variation Index : 0.0372	Standard Deviation : 0.0606	Mileage: 46.3	FDI: 21.8
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Instantaneous Frequency		
Max	50.158	13:02:20
Min	49.763	14:56:00

15 minute Average Frequency		
Max	50.083	8:15:00
Min	49.828	15:00:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	103
above 50.00 Hz	183
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:03:55
above 50.03	0:02:01

No. of hours freq outside 49.9-50.05 Hz	5:13:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)