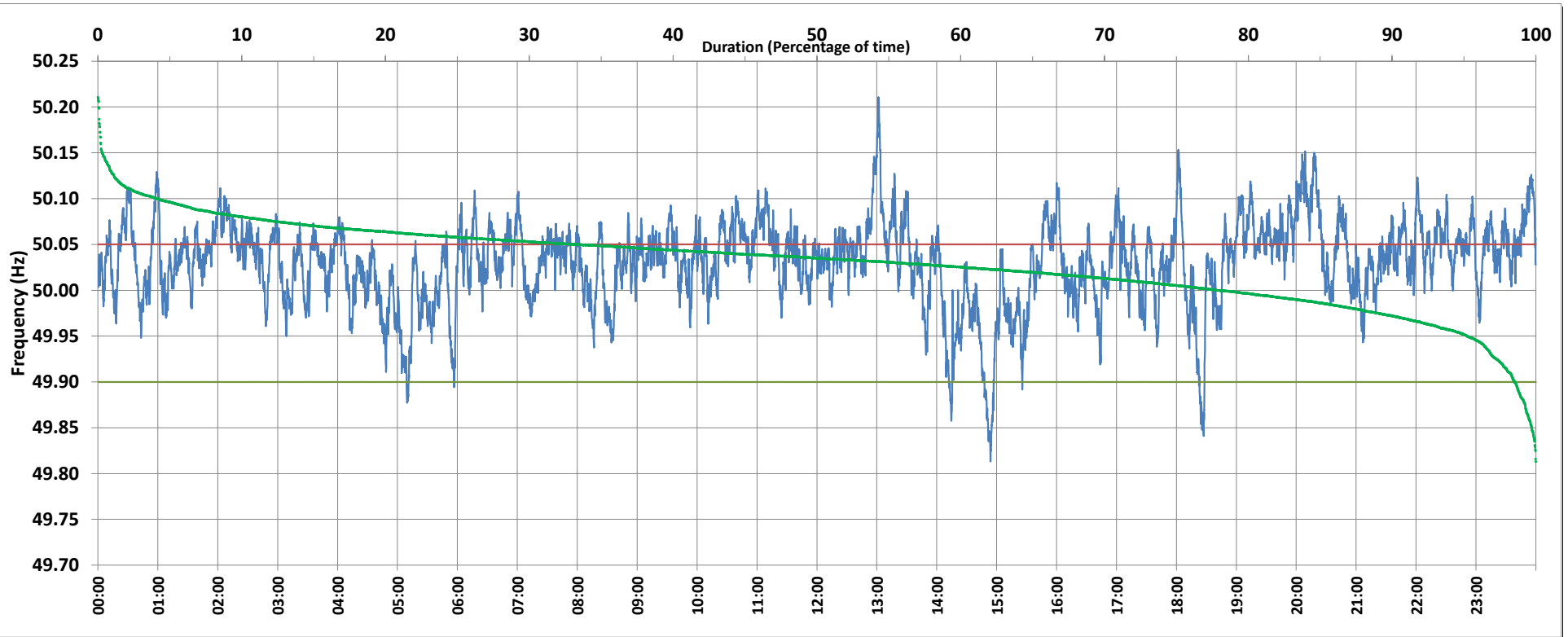


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Sep-2019 (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	1.48	9.42	0.00	1.48	20.58	73.78	4.10	65.21	99.94	35.02	29.32	77.78	55.56	33.31	0.06	4.77	61.92	3.29

Average Frequency : 50.030	Frequency Variation Index : 0.0297	Standard Deviation : 0.0457	Mileage: 50.9	FDI: 34.8
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Instantaneous Frequency		
Max	50.211	13:01:30
Min	49.813	14:53:50

15 minute Average Frequency		
Max	50.106	20:15:00
Min	49.884	15:00:00

No. of excursions	
above 50.03 Hz	247
below 49.97 Hz	81
above 50.00 Hz	149
below 50.00 Hz	148

Average time freq per excursion remains	
below 49.97	0:01:40
above 50.03	0:03:14

No. of hours freq outside 49.9-50.05 Hz	8:21:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)