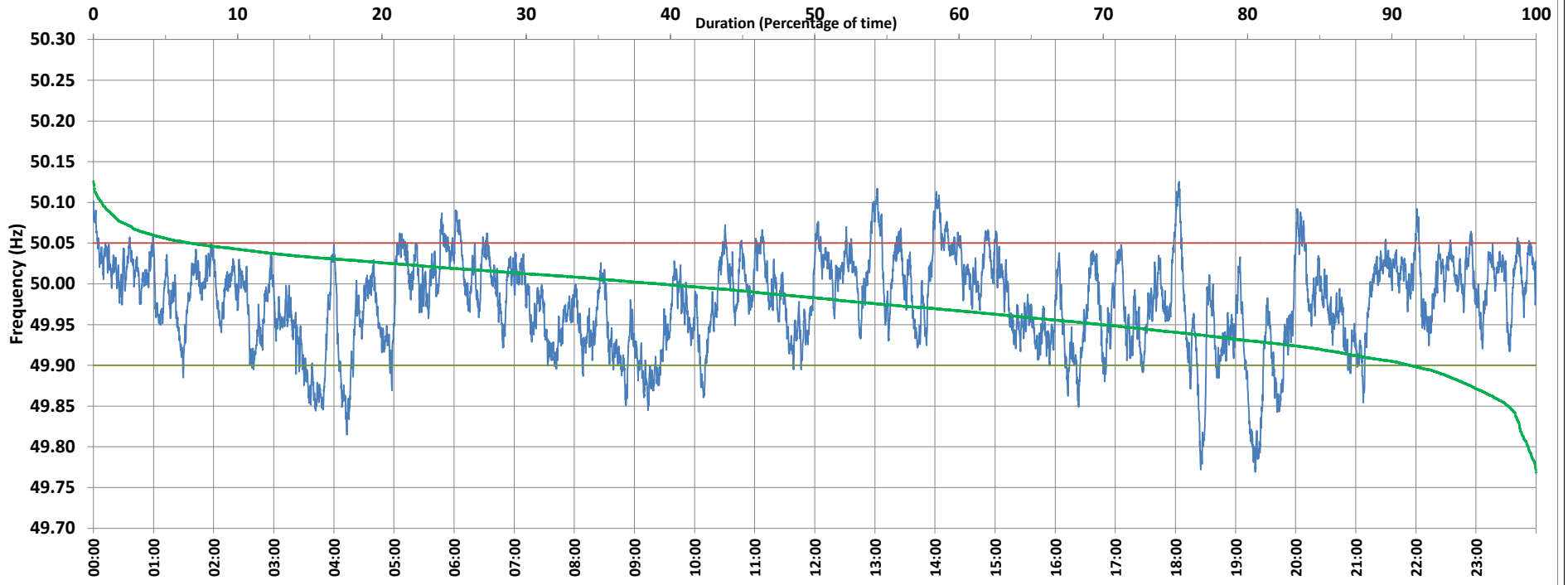


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Aug-2020 (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	8.75	41.79	0.54	8.21	51.94	38.73	0.58	84.49	100.00	40.98	6.20	39.24	17.22	6.76	0.00	10.00	63.13	1.25

Average Frequency : 49.977	Frequency Variation Index : 0.0364	Standard Deviation : 0.0559	Mileage: 46.6	FDI: 15.5
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Instantaneous Frequency		
Max	50.126	18:03:30
Min	49.769	19:19:30

15 minute Average Frequency		
Max	50.071	14:15:00
Min	49.826	19:30:00

No. of excursions	
above 50.03 Hz	158
below 49.97 Hz	153
above 50.00 Hz	169
below 50.00 Hz	167

Average time freq per excursion remains	
below 49.97	0:03:56
above 50.03	0:01:34

No. of hours freq outside 49.9-50.05 Hz	3:43:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)