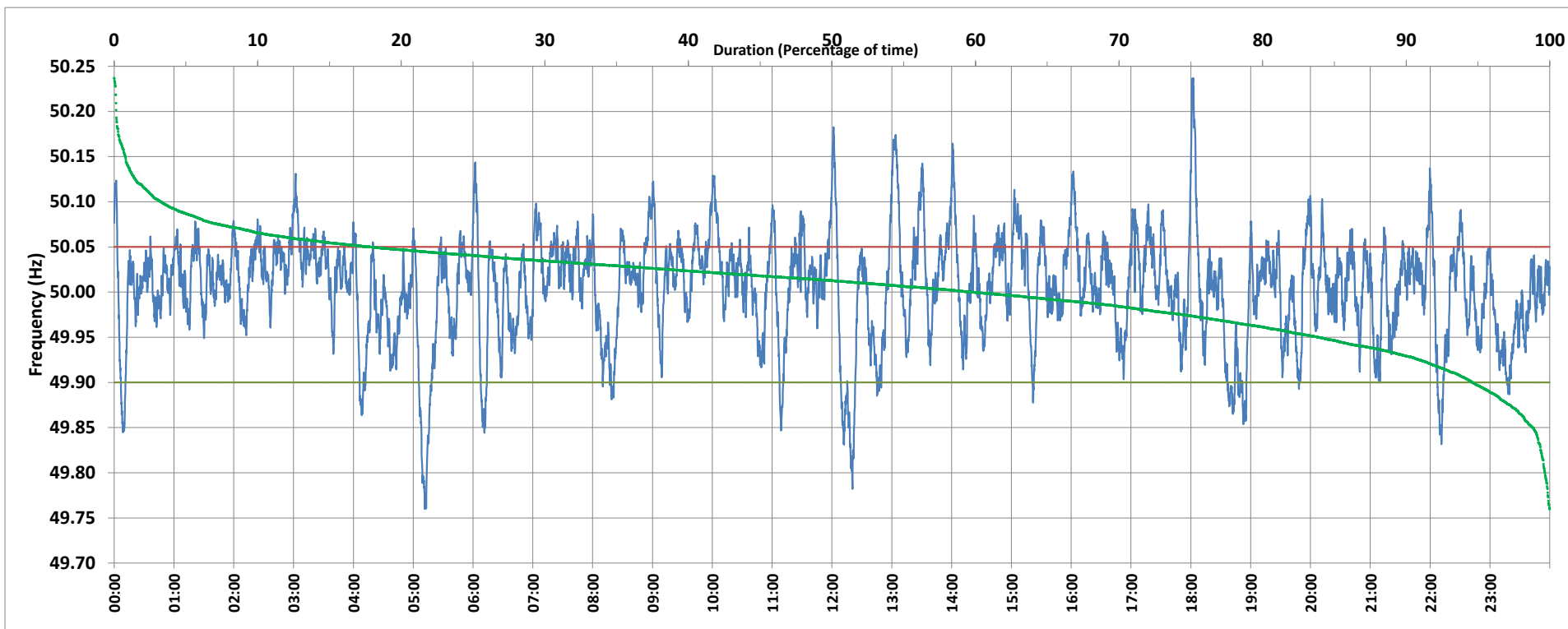


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Feb-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	5.38	23.51	0.34	5.05	34.79	56.57	3.10	76.83	99.85	42.31	14.61	59.68	34.18	17.79	0.15	16.12	66.09	10.74

Average Frequency : 50.005	Frequency Variation Index : 0.0337	Standard Deviation : 0.0579	Mileage: 50.1	FDI: 23.2
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Instantaneous Frequency		
Max	50.237	18:02:20
Min	49.760	5:11:30

15 minute Average Frequency		
Max	50.069	13:15:00
Min	49.887	5:15:00

No. of excursions	
above 50.03 Hz	227
below 49.97 Hz	99
above 50.00 Hz	182
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:03:25
above 50.03	0:02:10

No. of hours freq outside 49.9-50.05 Hz	5:33:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)